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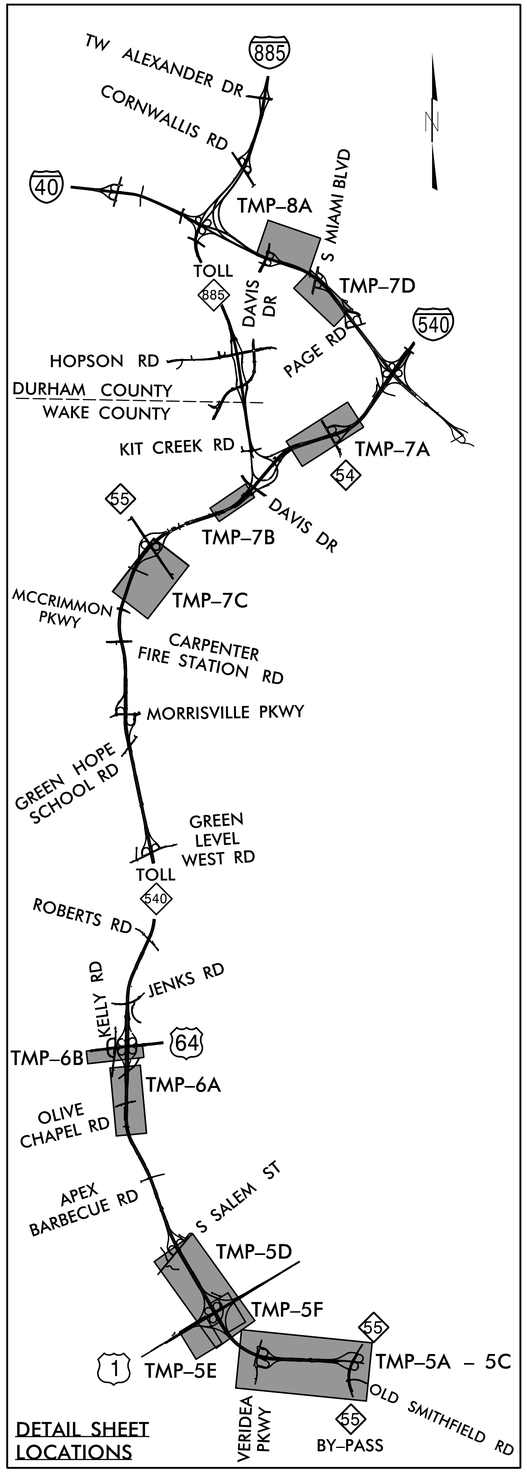
DocuSign Envelope ID: 759449F5-4DAC-4F9E-9E9C-A0E7E9F6E856

CONTRACT: DE00325



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

NORTH CAROLINA Turnpike Authority

TIP NO.	SHEET NO.
DE00325	TMP-1

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TRIANGLE EXPRESSWAY SIGN REPLACEMENT TRAFFIC CONTROL PLANS

WAKE & DURHAM COUNTIES

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018, ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY DRUMS

INDEX

SHEET NO.	DESCRIPTION
TMP-1	TITLE SHEET
TMP-2	GENERAL NOTES
TMP-2A	DETOUR FOR US 1 RAMP EXIT 93A
TMP-2B	SPECIAL SIGN
TMP-2C	DETOUR FOR I-40 EB
TMP-2D	OMITTED
TMP-2E	DETOUR FOR TOLL NC-540/EXIT 59A
TMP-3A THRU 3C	PHASING
TMP-4A	PACKAGE 1 OVERVIEW
TMP-4B	PACKAGE 2 OVERVIEW
TMP-4C	PACKAGE 3 OVERVIEW
TMP-4D	PACKAGE 4 OVERVIEW
TMP-5A THRU 5F	PACKAGE 1 DETAIL SHEETS
TMP-6A AND 6B	PACKAGE 2 DETAIL SHEETS
TMP-7A THRU 7D	PACKAGE 3 DETAIL SHEETS
TMP-8A	PACKAGE 4 DETAIL SHEETS

PLAN PREPARED BY :

HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

H. SHYU, PE — *WZTC PROJECT ENGINEER*

J. ISZCZYSZYN, EI — *WZTC DESIGN ENGINEER*

J.A. PHILLIPS — *WZTC DESIGN TECHNICIAN*

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GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) WHILE ALWAYS LEAVING AT LEAST ONE (1) LANE OPEN, CONTRACTOR MAY CLOSE OR NARROW ANY NUMBER OF LANES OF TRAFFIC INDICATED BELOW ON THE FOLLOWING ROADS, EXCEPT DURING THE FOLLOWING TIME RESTRICTIONS:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40, AND ALL MULTI-LANE RAMPS 1-LANE CLOSURE	MONDAY THRU SUNDAY 6:00 AM - 9:00 PM
I-40 2-LANE OR MORE CLOSURE	MONDAY THRU SUNDAY 6:00 AM - 11:00 PM
TOLL NC-885 NB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 7:00 AM - 9:00 AM
TOLL NC-885 NB 2-LANE OR MORE CLOSURE	MONDAY THRU FRIDAY 6:00 AM - 10:00 AM 4:00 PM - 6:00 PM
TOLL NC-885 SB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 4:00 PM - 6:00 PM
TOLL NC-885 SB 2-LANE CLOSURE	MONDAY THRU FRIDAY 7:00 AM - 8:00 PM
I-540 WB, TOLL NC-540 WB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 6:00 AM - 10:00 AM
I-540 WB AND TOLL NC-540 WB 2-LANES OR MORE CLOSURE (NC-55/EXIT 66 TO NC-54)	MONDAY THRU FRIDAY 6:00 AM - 7:00 PM
TOLL NC-540 WB 2-LANE OR MORE CLOSURE (S. SALEM ST TO NC-55/EXIT 66)	MONDAY THRU FRIDAY 6:00 AM - 11:00 AM
TOLL NC-540 WB 2-LANE OR MORE CLOSURE (NC 55/EXIT 54 TO S. SALEM ST)	MONDAY THRU FRIDAY 6:00 AM - 11:00 AM 4:00 PM - 6:00 PM
I-540 EB, TOLL NC-540 EB, AND ALL MULTI-LANE RAMPS AND CONNECTORS 1-LANE CLOSURE	MONDAY THRU FRIDAY 3:00 PM - 7:00 PM
TOLL NC-540 EB 2-LANE OR MORE CLOSURE (NC-54 TO NC-55/EXIT 66)	MONDAY THRU FRIDAY 7:00 AM - 8:00 PM
TOLL NC-540 EB 2-LANE OR MORE CLOSURE (NC-55/EXIT 66 TO NC-55/EXIT 54)	MONDAY THRU FRIDAY 2:00 PM - 8:00 PM
US-64, US-1, AND NC-55	MONDAY THRU SUNDAY 6:00 AM - 7:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
HOPSON ROAD DAVIS DRIVE	MONDAY THRU FRIDAY 6:00 AM - 9:00 AM 4:00 PM - 7:00 PM

C) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

ALL ROADS

HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST TO 8:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 8:00 P.M. THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 8:00 P.M. MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

   IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 8:00 P.M. MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
9. FOR DUKE UNIVERSITY FALL STUDENT MOVE-IN, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE THE EVENT AND 8:00 P.M. THE DAY AFTER THE EVENT.
10. FOR DUKE UNIVERSITY SPRING GRADUATION, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE THE EVENT AND 8:00 P.M. THE DAY AFTER THE EVENT.
11. FOR N.C. CENTRAL UNIVERSITY SPRING GRADUATION, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE EVENT AND 8:00 P.M. THE MONDAY AFTER THE EVENT.
12. FOR EVENT AT THE DURHAM BULLS ATHLETIC PARK AND DURHAM PERFORMING ARTS CENTER, ON BOTH DIRECTIONS OF TOLL NC-885 AND I-40, FROM THREE(3) HOURS BEFORE THE BEGINNING OF AN EVENT TO TWO (2) HOURS AFTER THE END OF AN EVENT.
13. FOR THE NORTH CAROLINA STATE FAIR, ON BOTH DIRECTIONS OF I-40, EVERY DAY FROM 9:00 AM TO 12:00 AM (MIDNIGHT).
14. FOR ANY EVENT AT THE PNC ARENA AND/OR CARTER-FINLEY STADIUM, ON BOTH DIRECTIONS OF I-40, FROM THREE (3) HOURS BEFORE THE BEGINNING OF AN EVENT TO TWO (2) HOURS AFTER THE END OF AN EVENT.

D) DO NOT CLOSE ROAD AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS, AND ALL RAMPS, LOOPS, AND CONNECTORS	MONDAY THRU FRIDAY 6:00 AM - 8:00 PM

E) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
ALL ROADS	MONDAY-SUNDAY: 5:00AM-12:00AM (MIDNIGHT)	30 MINUTES FOR OVERHEAD SIGN INSTALLATION AND TRAFFIC SHIFTS

LANE CLOSURE REQUIREMENTS

F) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

I) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAINS WITHIN THE CLOSED TRAVEL LANE.

J) DO NOT INSTALL MORE THAN ONE AND A HALF (1.5) MILES OF LANE CLOSURE ON ALL ROADS MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

K) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON TOLL NC-540.

L) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROAD EXCEPT FOR TOLL NC-540.

M) PROVIDE A MINIMUM OF FIVE (5) MILES BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.

SIGNING

N) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

O) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS. AND PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

P) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION. AND COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

TRAFFIC CONTROL DEVICES

Q) WHEN LANE CLOSURES ARE NOT IN EFFECT, SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPENED TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

S) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS) PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

MISCELLANEOUS

T) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

U) CONTRACTOR SHALL COORDINATE WITH ADJACENT PROJECTS, SUCH AS I-5700, R-2721A, U-0071, U-0071 POC, AND ANY OTHER PROJECT DIRECTED BY THE ENGINEER.

NORTH CAROLINA Turnpike Authority

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

APPROVED: DocuSigned by: Helen Shyu DF15975A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

TRANSPORTATION MANAGEMENT PLAN

GENERAL NOTES

10:31:04 AM
...\TRFX_MOT Replc-02_notes.dgn
$$$$USERNAME$$$$

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NOTE:
1–EE, 1–QQ, 1–RR, 1–SS, 1–TT, 1–UU AND ANY OTHER WORK THAT AFFECTS TRAFFIC ALONG THE DETOUR ROUTE CANNOT BE DONE AT THE SAME TIME AS TMP–2A UNLESS THE ENGINEER APPROVES.

REFER TO ROADWAY STANDARD DRAWING NO. 1101.03 (SHEET 7 OF 9) FOR ADDITIONAL SIGNS AND DEVICES.

SHEET NO.
TMP–2A

APPROVED: DocuSigned by: Helen Shyu 0F15075A95E44EF...
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

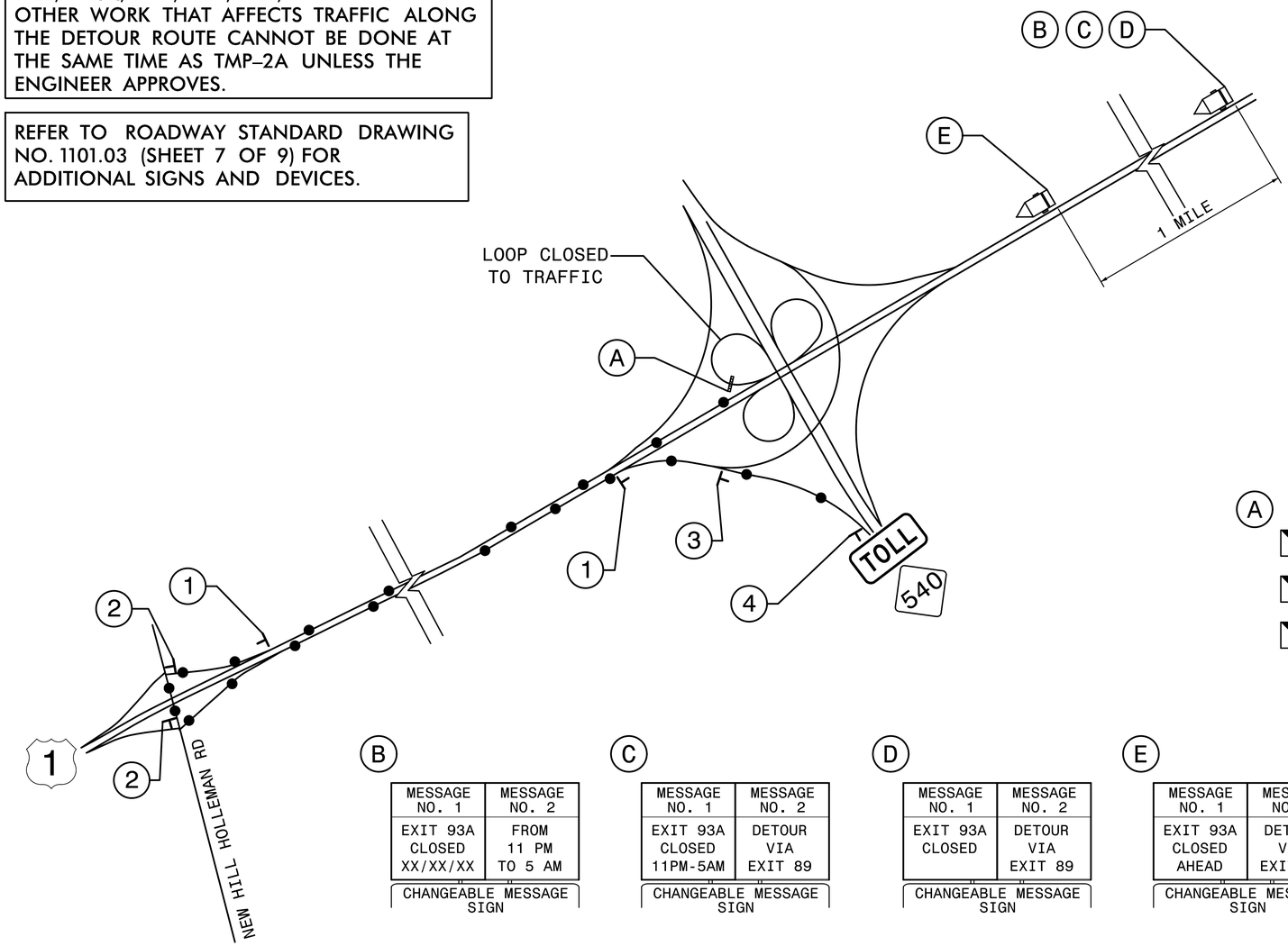
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

1
- DETOUR — M4–8, 24″ X 12″
- TOLL — M4–15, 24″ X 12″
- EAST — M3–2, 24″ X 12″
- 540 — M1–5
- M6–1, 21″ X 15″

2
- DETOUR — M4–8, 24″ X 12″
- TOLL — M4–15, 24″ X 12″
- EAST — M3–2, 24″ X 12″
- 540 — M1–5
- M6–1 L, 21″ X 15″

3
- DETOUR — M4–8, 24″ X 12″
- TOLL — M4–15, 24″ X 12″
- EAST — M3–2, 24″ X 12″
- 540 — M1–5
- M6–3, 21″ X 15″

4
- END DETOUR — M4–8 A, 24″ X 18″



A — R11-2, 48″ x 30″



TYPE III BARRICADE

B

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 93A CLOSED XX/XX/XX	FROM 11 PM TO 5 AM

CHANGEABLE MESSAGE SIGN

C

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 93A CLOSED 11PM-5AM	DETOUR VIA EXIT 89

CHANGEABLE MESSAGE SIGN

D

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 93A CLOSED	DETOUR VIA EXIT 89

CHANGEABLE MESSAGE SIGN

E

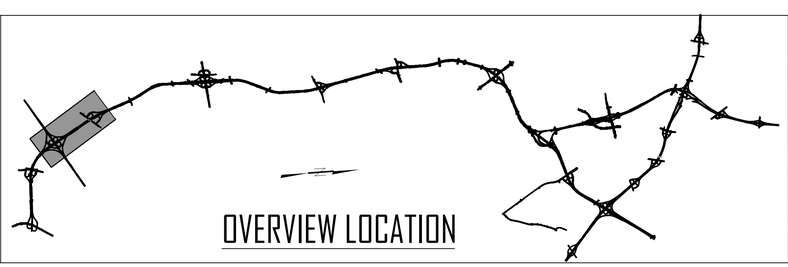
MESSAGE NO. 1	MESSAGE NO. 2
EXIT 93A CLOSED AHEAD	DETOUR VIA EXIT 89

CHANGEABLE MESSAGE SIGN

USE CMS BOARDS WITH MESSAGE "B" FOR 1 WEEK PRIOR TO CLOSURE.
USE CMS BOARDS WITH MESSAGE "C" ON DAY OF CLOSURE.
USE CMS BOARDS WITH MESSAGE "D" DURING CLOSURE AND RELOCATE CMS BOARD WITH MESSAGE "E" ACCORDING TO RSD 1101.03 (SHEET 7 OF 9).

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

TRIANGLE EXPRESSWAY APPROACH SIGNING

DETOUR FOR US 1 RAMP EXIT 93A

DocuSign Envelope ID: 759449F5-4DAC-4F9E-9E9C-A0E7E9F6E856

SIGN NUMBER: SP-1
TYPE: F
QUANTITY: 1

SIGN WIDTH: 1′-9″
HEIGHT: 1′-9″
TOTAL AREA: 31.2 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38″
WIDTH: 0.63″
RADII: 1.5″

NO. Z BARS:
LENGTH:

BACKG COLOR: White
COPY COLOR: Black

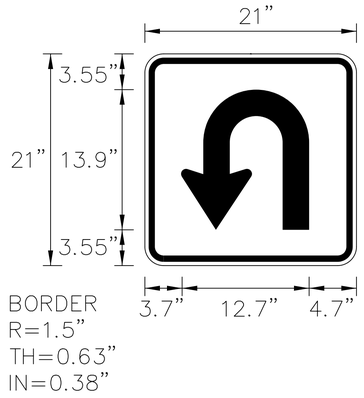
SYMBOL	X	Y	WID	HT
U-Turn Arrow	3.7	3.5	12.7	13.9

MAT′L: 0.063″ ALUMINUM

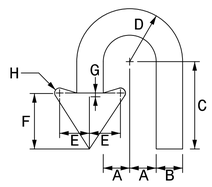
NOTES:

1. Legend and border shall be silk-screened or reverse silk-screened opaque black ink.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: June 2021



U-Turn Arrow Details



ARROW DIMENSIONS (INCHES)	A	B	C	D	E	F	G	H
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

SHEET NO.
TMP-2B

APPROVED: DocuSigned by: Helen Shyuu 0F15075A95E44EF...
DATE: 9/8/2021

SEAL



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LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

HNTB NORTH CAROLINA, P.C.
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TRIANGLE EXPRESSWAY APPROACH SIGNING

SPECIAL SIGN

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SHEET NO.
TMP–2C

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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A

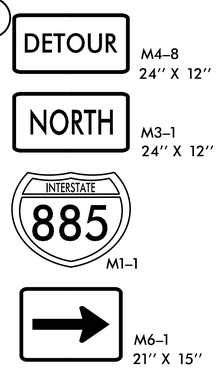
R11-2
48'' x 30''



TYPE III BARRICADE

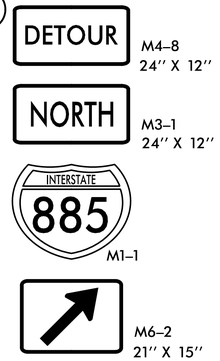
NOTE:
4–TT, 4–UU, 4–VV AND ANY OTHER WORK THAT AFFECTS TRAFFIC ALONG THE DETOUR ROUTE CANNOT BE DONE AT THE SAME TIME AS TMP–2C UNLESS THE ENGINEER APPROVES.

1



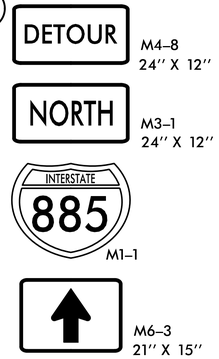
M4–8 24'' X 12''
M3–1 24'' X 12''
M1–1
M6–1 21'' X 15''

2



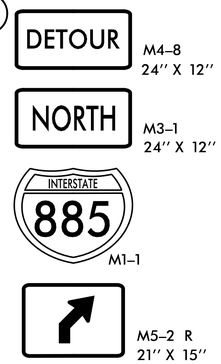
M4–8 24'' X 12''
M3–1 24'' X 12''
M1–1
M6–2 21'' X 15''

3



M4–8 24'' X 12''
M3–1 24'' X 12''
M1–1
M6–3 21'' X 15''

4



M4–8 24'' X 12''
M3–1 24'' X 12''
M1–1
M5–2 R 21'' X 15''

5



M4–8 A 24'' X 18''

B

MESSAGE NO. 1	MESSAGE NO. 2
EXIT279B CLOSED XX/XX/XX	FROM 11 PM TO 5 AM

CHANGEABLE MESSAGE SIGN

C

MESSAGE NO. 1	MESSAGE NO. 2
EXIT279B CLOSED 11PM-5AM	DETOUR VIA EXIT 280

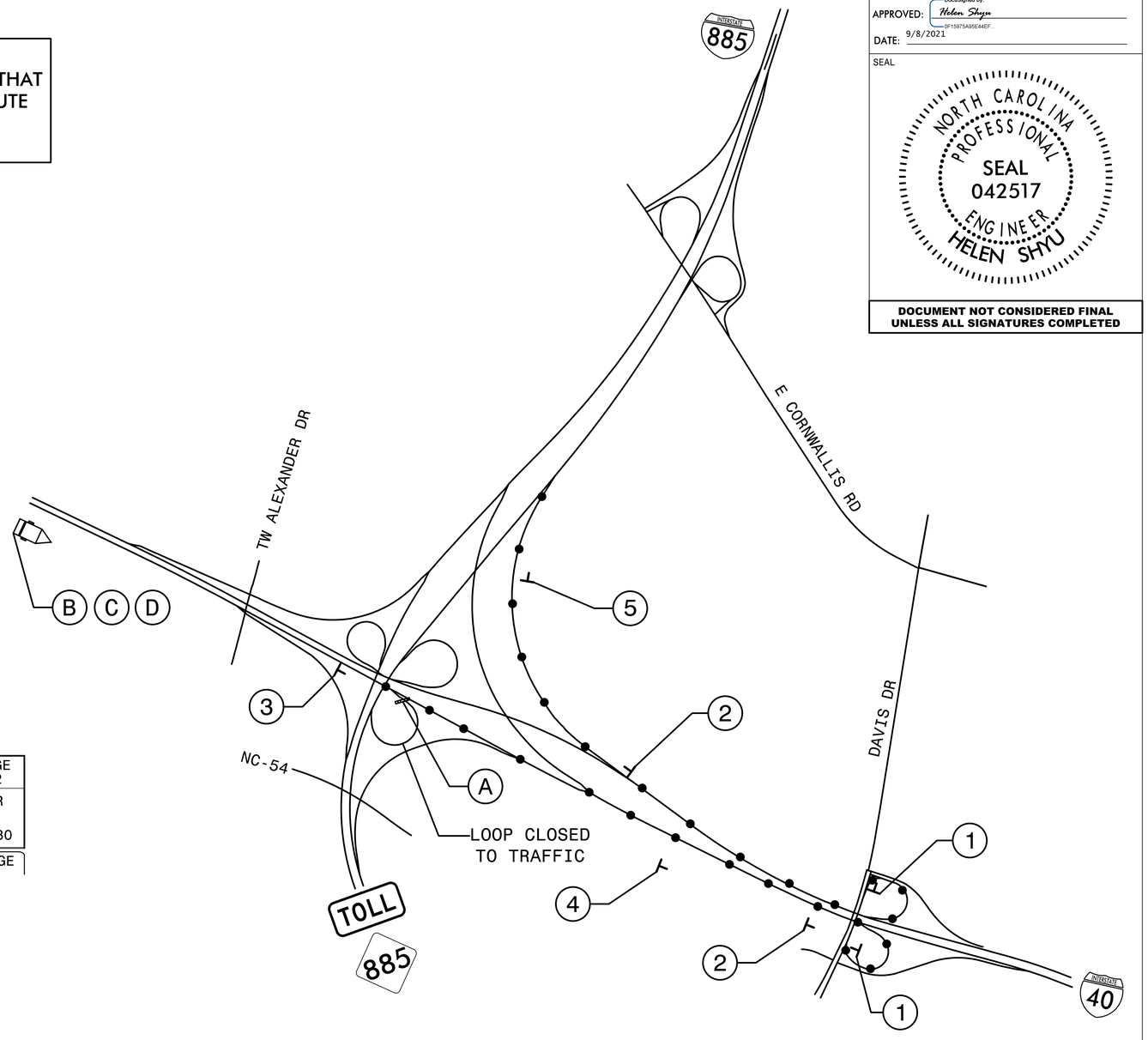
CHANGEABLE MESSAGE SIGN

D

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 279B CLOSED	DETOUR VIA EXIT 280

CHANGEABLE MESSAGE SIGN

USE CMS BOARDS WITH MESSAGE "B" FOR 1 WEEK PRIOR TO CLOSURE.
USE CMS BOARDS WITH MESSAGE "C" ON DAY OF CLOSURE.
USE CMS BOARDS WITH MESSAGE "D" DURING CLOSURE AND RELOCATE



LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
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SHEET NO.
TMP-2D

APPROVED: DocuSigned by: Helen Shyu 0F15075A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

HNTB

HNTB NORTH CAROLINA, P.C.
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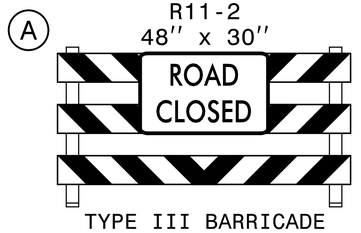

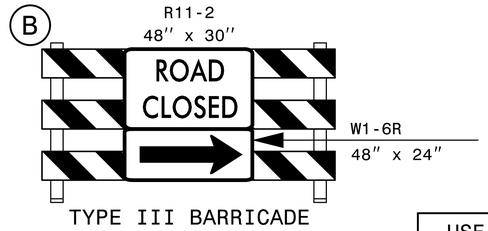

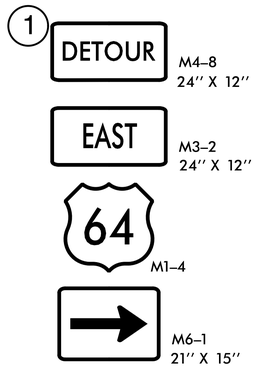

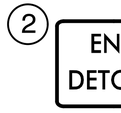

REFER TO ROADWAY STANDARD DRAWING NO. 1101.03 (SHEET 7 OF 9) FOR ADDITIONAL SIGNS AND DEVICES.

SHEET NO.
TMP-2E

APPROVED: DocuSigned by: Helen Shyu 0F15075A95E44EF...
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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C

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 59A CLOSED XX/XX/XX	FROM 11 PM TO 5 AM

CHANGEABLE MESSAGE SIGN

D

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 59A CLOSED 11PM-5AM	DETOUR VIA EXIT 59B

CHANGEABLE MESSAGE SIGN

E

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 59A CLOSED	DETOUR VIA EXIT 59B

CHANGEABLE MESSAGE SIGN

F

MESSAGE NO. 1	MESSAGE NO. 2
ROAD CLOSED AHEAD	ALL TRAFFIC EXIT

CHANGEABLE MESSAGE SIGN

G

MESSAGE NO. 1	MESSAGE NO. 2
US 64 EAST TRAFFIC	U-TURN AHEAD

CHANGEABLE MESSAGE SIGN

H

MESSAGE NO. 1	MESSAGE NO. 2
US 64 EAST TRAFFIC	USE US 64 WEST

CHANGEABLE MESSAGE SIGN

USE CMS BOARDS WITH MESSAGE "C" FOR 1 WEEK PRIOR TO CLOSURE.
USE CMS BOARDS WITH MESSAGE "D" ON DAY OF CLOSURE.
USE CMS BOARDS WITH MESSAGES "E", "G", AND "H" DURING CLOSURE AND RELOCATE CMS BOARD WITH MESSAGE "F" ACCORDING TO RSD 1101.03 (SHEET 7 OF 9).

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

HNTB

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PROJ. REFERENCE NO.	SHEET NO.
DE00325	TMP-3A

PHASING

NOTE:

THE TERM RSD DENOTES "ROADWAY STANDARD DRAWING".

UNLESS DIRECTED OTHERWISE BY THE ENGINEER, PLACE PORTABLE ADVANCE WARNING SIGNS AT EACH SITE AS NEEDED.

AREA: PACKAGE 1 (SEE TMP-4A FOR OVERVIEW)

NOTE: STEPS 1 THRU 14 MAY BE COMPLETED IN ANY ORDER EXCEPT AS REQUIRED BY ICT #6 AND AS APPROVED BY THE ENGINEER.

STEP 1: AT EXISTING OVERHEAD SIGN ASSEMBLY 1-AA, COMPLETE THE WORK REQUIRED IN STEPS 1A AND 1B.

1A: USING DETAIL SHEET TMP-5A, CLOSE THREE INSIDE THRU LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-1A AND 1-1B).

1B: USING RSD 1101.02 (SHEETS 8 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 1-2A AND 1-2B).

STEP 2: AT EXISTING OVERHEAD SIGN ASSEMBLY 1-BB, COMPLETE THE WORK REQUIRED IN STEPS 2A THRU 2C.

2A: USING DETAIL SHEET TMP-5B AND RSD 1101.02 (SHEET 8 OF 14), SHIFT TRAFFIC PARTLY ONTO INSIDE SHOULDER TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-3A AND 1-3B).

2B: USING DETAIL SHEET TMP-5C AND DRUMS TO CLOSE A LANE ON VERIDEA PARKWAY ON-RAMP TO TOLL NC-540 WEST. SHIFT RAMP TRAFFIC PARTLY ONTO OUTSIDE SHOULDER TO REMOVE AND REPLACE EXISTING MIDDLE OVERHEAD SIGNS (SIGNS 1-4A AND 1-4B).

2C: USING RSD 1101.02 (SHEET 3 OF 14), FOR VERIDEA PARKWAY ON-RAMP TO TOLL NC-540 WEST TO REMOVE AND REPLACE RIGHT SIDE OVERHEAD SIGN (SIGN 1-5).

STEP 3: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-CC AND 1-EE, COMPLETE THE WORK REQUIRED IN STEPS 3A AND 3B.

3A: USING RSD 1101.02 (SHEET 9 OF 14), CLOSE 2 OUTSIDE LANES TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS ON 1-EE (SIGNS 1-8A AND 1-8B).

3B: USING RSD 1101.02 (SHEET 9 AND 10 OF 14), CLOSE 2 OUTSIDE LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS ON 1-CC (SIGNS 1-9A AND 1-9B).

STEP 4: AT EXISTING OVERHEAD SIGN ASSEMBLY 1-DD, COMPLETE THE WORK REQUIRED IN STEPS 4A AND 4B.

4A: USING RSD 1101.02 (SHEETS 8 AND 10 OF 14) AND CLOSING A LANE ON VERIDEA PARKWAY ON-RAMP TO TOLL NC-540 WEST IF NEEDED, CLOSE 2 OUTSIDE LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-6A AND 1-6B).

4B: USING RSD 1101.02 (SHEET 10 OF 14) AND CLOSING A LANE ON VERIDEA PARKWAY ON-RAMP TO TOLL NC 540 WEST IF NEEDED, REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 1-7A AND 1-7B).

STEP 5: AT EXISTING OVERHEAD SIGN ASSEMBLY 1-FF, COMPLETE THE WORK REQUIRED IN STEPS 5A AND 5B.

5A: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 1-11A AND 1-11B).

5B: USING TMP-5F, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-10A AND 1-10B).

STEP 6: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-GG AND 1-QQ, COMPLETE THE WORK REQUIRED IN STEPS 6A THRU 6C.

6A: USING TMP-2A, DETOUR TRAFFIC AND CLOSE US 1 SB TO TOLL NC-540 EAST LOOP RAMP. THEN USING RSD 1101.02 (SHEETS 8 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS(SIGNS 1-13A AND 1-13B).

6B: USING TMP-2A, DETOUR TRAFFIC AND CLOSE US 1 SB TO TOLL NC-540 EAST LOOP RAMP. THEN USING TMP-5D, CLOSE TOLL NC-540 EAST OUTSIDE THREE LANES SHIFT TRAFFIC TO INSIDE LANE TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-12A AND 1-12B).

6C: USING TMP-2A AND RSD 1101.03 (SHEET 7 OF 9), DETOUR US 1 CONNECTOR DISTRIBUTOR TRAFFIC AND CLOSE US 1 SB TO TOLL NC-540 EAST LOOP RAMP. THEN USING RSD 1101.03 (SHEET 8 OF 9) FOR TOLL NC-540 WEST EXIT 56B, REMOVE AND REPLACE OVERHEAD SIGNS (SIGNS 1-14A, 1-14B AND 1-14C).

STEP 7: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-HH AND 1-JJ, COMPLETE THE WORK REQUIRED IN STEPS 7A THRU 7C.

7A: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (1-26A AND 1-26B).

7B: USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14), CLOSE TWO OUTSIDE THRU LANES (MAINTAIN ONE LANE FOR EXIT RAMP) TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (1-25A AND 1-25B).

7C: USING RSD 1101.02 (SHEET 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (1-28A, 1-28B, 1-29A, AND 1-29B).

STEP 8: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-II AND 1-KK, COMPLETE THE WORK REQUIRED IN STEPS 8A THRU 8B.

8A: USING RSD 1101.02 (SHEET 3 AND 9 OF 14), CLOSE OUTER 2 LANES WHILE MERGING US 1 RAMP TO 1 LANE AND SHIFT TO CENTER TOLL NC-540 WEST THRU LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (1-23A, 1-23B, AND 1-24).

8B: USING RSD 1101.02 (SHEET 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (1-27A AND 1-27B).

STEP 9: AT EXISTING OVERHEAD SIGN ASSEMBLY 1-LL, COMPLETE THE WORK REQUIRED IN STEPS 9A AND 9B.

9A: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), CLOSE TOLL NC-540 EAST INSIDE 2 LANES AND USING DRUMS AT 10* ON CENTER TO SHIFT TRAFFIC PARTLY ONTO EXIT RAMP TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-30A AND 1-30B). TOLL NC-540 SHIFTS BACK ACROSS GORE. PLACE REVERSE CURVE WARNING SIGN IN ADVANCE OF SHIFT.

9B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 1-31A AND 1-31B).

STEP 10: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-MM AND 1-PP, COMPLETE THE WORK REQUIRED IN STEPS 10A AND 10B.

10A: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 1-32A AND 1-32B).

10B: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 1-34A AND 1-34B).

STEP 11: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-NN AND 1-OO, COMPLETE THE WORK REQUIRED IN STEPS 11A AND 11B.

11A: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 1-33A AND 1-33B).

11B: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 1-35A AND 1-35B).

STEP 12: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-RR AND 1-SS, COMPLETE THE WORK REQUIRED IN STEPS 12A AND 12B.

12A: USING RSD 1101.03 (SHEET 9 OF 9), REMOVE AND REPLACE OVERHEAD SIGNS (SIGNS 1-19A, 1-19B, 1-19C, 1-20A, 1-20B, AND 1-20C).

12B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE OVERHEAD SIGNS (SIGNS 1-21A, 1-22A, 1-22B, AND 1-22C).

STEP 13: AT EXISTING OVERHEAD SIGN ASSEMBLIES 1-TT AND 1-UU, COMPLETE THE WORK REQUIRED IN STEPS 13A THRU 13C.

13A: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 1-15, 1-16A, 1-16B, AND 1-16C).

13B: USING DETAIL SHEET TMP-5E AND RSD 1101.02 (SHEET 4 OF 14), REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 1-17A AND 1-17B).

13C: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 1-18A AND 1-18B).

STEP 14: AT EXISTING OVERHEAD SIGN ASSEMBLIES ON US-55, COMPLETE THE WORK REQUIRED IN STEPS 14A AND 14B.

14A: USING RSD 1101.02 (SHEET 3 OF 14), CLOSE INSIDE LANE ON US-55 NB TO PLACE OVERLAY PANEL 1-601 ON EXISTING OVERHEAD SIGN.

14B: USING RSD 1101.02 (SHEET 10 OF 14), CLOSE OUTSIDE LANE ON US-55 SB TO PLACE OVERLAY PANEL 1-613 ON EXISTING OVERHEAD SIGN.

AREA: PACKAGE 2 (SEE TMP-4B FOR OVERVIEW)

NOTE: STEPS 1 THRU 9 MAY BE COMPLETED IN ANY ORDER EXCEPT AS REQUIRED BY ICT #6 AND AS APPROVED BY THE ENGINEER.

STEP 1: AT EXISTING OVERHEAD SIGN ASSEMBLIES 2-AA AND 2-BB, COMPLETE THE WORK REQUIRED IN STEPS 1A THRU 1C.

1A: USING DETAIL SHEET TMP-6A, CLOSE THREE INSIDE THRU LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGN 2-1).

1B: USING RSD 1101.02 (SHEETS 8 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-2A AND 2-2B).

1C: USING RSD 1101.02 (SHEET 10 OF 14) AND NARROW LANES, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 2-3A AND SIGN 2-3B).

STEP 2: USING RSD 1101.02 (SHEET 9 AND 10 OF 14), CLOSE AUXILIARY LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 2-7A AND 2-7B) AT OVERHEAD SIGN ASSEMBLY 2-CC.

STEP 3: USING RSD 1101.02 (SHEET 9 AND 10 OF 14) AND NARROW LANES, CLOSE AUXILIARY LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 2-4A AND 2-4B) AT OVERHEAD SIGN ASSEMBLY 2-DD.

STEP 4: AT EXISTING OVERHEAD SIGN ASSEMBLIES 2-EE AND 2-FF, COMPLETE THE WORK REQUIRED IN STEPS 4A THRU 4C.

4A: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-10A AND 2-10B).

4B: USING DRUMS AT 10' ON CENTER TO SHIFT ALL TRAFFIC TO RAMP UNTIL PAST OVERHEAD SIGN, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGN 2-9A AND 2-9B). PLACE REVERSE CURVE WARNING SIGN IN ADVANCE OF SHIFT.

4C: USING RSD 1101.02 (SHEET 4 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 2-8A AND 2-8B).

STEP 5: AT EXISTING OVERHEAD SIGN ASSEMBLIES 2-GG AND 2-JJ, COMPLETE THE WORK REQUIRED IN STEPS 5A AND 5B.

5A: USING RSD 1101.04 TO CLOSE SHOULDER IF NEEDED, REMOVE AND REPLACE EXISTING SIGNS (SIGNS 2-12A AND 2-12B).

5B: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 2-16A AND 2-16B).

NORTH CAROLINA Turnpike Authority

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APPROVED: DocuSigned by: Helen Shyu DF1507SA95E44EF...
DATE: 9/8/2021
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NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

TRANSPORTATION MANAGEMENT PLAN

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STEP 6: AT EXISTING OVERHEAD SIGN ASSEMBLIES 2-HH, 2-II AND 2-KK, COMPLETE THE WORK REQUIRED IN STEPS 6A THRU 6C.

6A: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 2-11A AND 2-11B).

6B: USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS (SIGNS 2-13A AND 2-13B).

6C: USING RSD 1101.04 TO CLOSE SHOULDER IF NEEDED, REMOVE AND REPLACE EXISTING SIGNS (SIGNS 2-17A AND 2-17B).

STEP 7: AT EXISTING OVERHEAD SIGN ASSEMBLY 2-LL, COMPLETE THE WORK REQUIRED IN STEPS 7A AND 7B.

7A: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-15A AND 2-15B).

7B: USING RSD 1101.02 (SHEET 8 OF 14), CLOSE INSIDE 2 LANES AND UTILIZE SOME OF THE EXIT RAMP LANE WIDTH TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 2-14A AND 2-14B). TOLL NC-540 TRAFFIC SHIFTS BACK ACROSS GORE. PLACE REVERSE CURVE WARNING SIGN IN ADVANCE OF SHIFT.

STEP 8: AT EXISTING OVERHEAD SIGN ASSEMBLIES 2-MM AND 2-OO, COMPLETE THE WORK REQUIRED IN STEPS 8A THRU 8D.

8A: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-6A AND 2-6B).

8B: USING TMP-6B, TMP-2E AND RSD 1101.02 (SHEET 3 OF 14), INSTALL LEFT SIDE OVERHEAD SIGN (SIGN 2-5).

8C: USE DRUMS TO KEEP ENTRANCE RAMP TRAFFIC FROM MERGING ONTO US-64 UNTIL AFTER OVERHEAD SIGN AND USE RSD 1101.03 (SHEET 9 OF 9) TO CLOSE THRU LANES, REMOVE AND REPLACE LEFT SIDE OVERHEAD SIGNS (SIGNS 2-18A AND 2-18B).

8D: USING RSD 1101.02 (SHEET 10 OF 14), CLOSE EB RIGHT THRU LANE TO REMOVE AND REPLACE RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-19A AND 2-19B).

STEP 9: AT EXISTING OVERHEAD SIGN ASSEMBLY 2-NN, COMPLETE THE WORK REQUIRED IN STEPS 9A AND 9B.

9A: USING RSD 1101.02 (SHEET 3 OF 14), CLOSE INSIDE LANE. WITH ONE THRU LANE OPEN, PLACE DRUMS AT 10′ ON CENTER AND SHIFT ALL TRAFFIC TO RAMP UNTIL PAST OVERHEAD SIGNS. REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 2-20A AND 2-20B).

9B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 2-21A AND 2-21B).

AREA: PACKAGE 3

(SEE TMP-4C FOR OVERVIEW)

NOTE: STEPS 1 THRU 11 MAY BE COMPLETED IN ANY ORDER EXCEPT AS REQUIRED BY ICT #6 AND AS APPROVED BY THE ENGINEER.

STEP 1: AT EXISTING OVERHEAD SIGN ASSEMBLIES 3-AA, 3-BB AND 3-NN, COMPLETE THE WORK REQUIRED IN STEPS 1A THRU 1D.

1A: USING RSD 1101.02 (SHEETS 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-21A AND 3-21B).

1B: USING DETAIL SHEET TMP-7A, CLOSE INSIDE THREE LANES AND SHIFT ALL TRAFFIC ONTO RAMP 'TIL PAST OVERHEAD SIGN TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN (SIGN 3-17). PLACE REVERSE CURVE WARNING SIGN IN ADVANCE OF SHIFT.

1C: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGN 3-18A AND 3-18B).

1D: USING RSD 1101.02 (SHEET 4 OF 14) AND DRUMS TO KEEP LEFT OR RIGHT TURN LANES CLOSE 'TIL AFTER OVERHEAD SIGN STRUCTURE, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 3-19 AND 3-20).

STEP 2: AT EXISTING OVERHEAD SIGN ASSEMBLIES 3-CC, 3-EE AND 3-KK, COMPLETE THE WORK REQUIRED IN STEPS 2A THRU 2C. (ALSO SEE PACKAGE 4 OVERHEAD ASSEMBLY 4-BB)

2A: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 3-22A AND 3-22B).

2B: USING RSD 1101.02 (SHEET 4 OF 14) AND SHIFT TRAFFIC ONTO SHOULDER, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 3-14A AND 3-14B).

2C: USING RSD 1101.02 (SHEET 4 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 3-15A, 3-15B AND 3-16).

STEP 3: USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-13A AND 3-13B) AT OVERHEAD SIGN ASSEMBLY 3-DD.

STEP 4: AT EXISTING OVERHEAD SIGN ASSEMBLIES 3-FF AND 3-HH, COMPLETE THE WORK REQUIRED IN STEPS 4A THRU 4C.

4A: USING TMP-7B, CLOSE INSIDE 3 LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN (SIGN 3-11).

4B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 3-12A AND 3-12B).

4C: USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-7, 3-8A AND 3-8B).

STEP 5: AT EXISTING OVERHEAD SIGN ASSEMBLIES 3-GG AND 3-LL, COMPLETE THE WORK REQUIRED IN STEPS 5A AND 5B.

5A: USING RSD 1101.02 (SHEET 9 OF 14), CLOSE THE OUTSIDE ENTRANCE RAMP LANE AND TOLL NC-540 OUTSIDE THROUGH LANE TO KEEP TOLL NC-540 TRAFFIC IN INSIDE 2 LANES UNTIL PAST OVERHEAD SIGNS TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-9A, 3-9B, 3-10A, AND 3-10B).

5B: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-5A, 3-5B, 3-6A AND 3-6B).

STEP 6: AT EXISTING OVERHEAD SIGN ASSEMBLIES 3-II AND 3-JJ, COMPLETE THE WORK REQUIRED IN STEPS 6A THRU 6D.

6A: USING RSD 1101.02 (SHEET 8 OF 14), CLOSE INSIDE 2 LANES AND REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 3-1A AND 3-1B).

6B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 3-2A AND 3-2B).

6C: USING TMP-7C, CLOSE INSIDE 3 LANES AND SHIFT ALL TRAFFIC TO RAMP LANE UNTIL PAST OVERHEAD SIGN. REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGN 3-3A AND 3-3B).

6D: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-4A AND 3-4B).

STEP 7: AT EXISTING OVERHEAD SIGN ASSEMBLY 3-MM, COMPLETE THE WORK REQUIRED IN STEPS 7A AND 7B.

7A: USING RSD 1101.02 (SHEET 10 OF 14) AND RSD 1101.02 (SHEET 4 OF 14) ON TOLL NC-885 ON-RAMP IF NEEDED, REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 3-24A AND 3-24B).

7B: USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14) TO CLOSE OUTSIDE 2 LANES AND USING DRUMS TO KEEP EXIT LANE OPEN, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 3-23A AND 3-23B).

STEP 8: USING RSD 1101.02 (SHEET 9 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-25A AND 3-25B) AT EXISTING OVERHEAD SIGN ASSEMBLY 3-OO.

STEP 9: USING TMP-7D, CLOSE OUTSIDE 3 LANES. REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-26A AND 3-26B) AT OVERHEAD SIGN ASSEMBLY 3-PP.

STEP 10: USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14), CLOSE OUTSIDE TWO LANES WHILE KEEPING EXITS 282 AND 283 AND THE ENTRANCE RAMP FROM PAGE RD OPEN TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 3-27A, 3-27B, 3-28A AND 3-28B) AT EXISTING OVERHEAD ASSEMBLIES 3-QQ AND 3-RR.

STEP 11: AT EXISTING OVERHEAD SIGN ASSEMBLY 3-SS, COMPLETE THE WORK REQUIRED IN STEPS 11A AND 11B.

11A: USING RSD 1101.02 (SHEET 4 OF 14) AND DRUMS AT 10′ ON CENTER, CLOSE INSIDE RAMP LANE AND SHIFT TRAFFIC TO OUTSIDE AUXILIARY LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGN (SIGN 3-29).

11B: USING RSD 1101.02 (SHEET 10 OF 14), CLOSE AUXILIARY RAMP LANE AND OUTSIDE RAMP LANE WHILE KEEPING EXIT TO NC-540 OPEN TO REMOVE AND REPLACE EXISTING OVERHEAD SIGN (SIGN 3-30).

AREA: PACKAGE 4

(SEE TMP-4D FOR OVERVIEW)

NOTE: STEPS 1 THRU 9 MAY BE COMPLETED IN ANY ORDER EXCEPT AS REQUIRED BY ICT #6 AND AS APPROVED BY THE ENGINEER.

STEP 1: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-AA, 4-CC, AND 4-DD, COMPLETE THE WORK REQUIRED IN STEPS 1A THRU 1C.

1A: USING RSD 1101.02 (SHEETS 4 OF 14), CLOSE NB OUTSIDE LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 4-1A AND 4-1B).

1B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 4-3A AND 4-3B).

1C: USING RSD 1101.02 (SHEET 8 OF 14), CLOSE NB 2 OUTSIDE LANES TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 4-4A AND 4-4B).

STEP 2: USING RSD 1101.02 (SHEET 4, 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (4-2A AND 4-2B) AT OVERHEAD SIGN ASSEMBLY 4-BB.

STEP 3: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-EE AND 4-FF, COMPLETE THE WORK REQUIRED IN STEPS 3A THRU 3E.

3A: USING DRUMS AT 10′ ON CENTER, KEEP LEFT TURN LANES CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN (SIGN 4-5).

3B: USING DRUMS AT 10′ ON CENTER, SHIFT ALL RAMP TRAFFIC TO RIGHT TURN LANES 'TIL AFTER OVERHEAD SIGN STRUCTURE. PLACE TMA BEFORE WORK AREA. REMOVE AND REPLACE EXISTING OVERHEAD SIGN (SIGN 4-6) IN THE MIDDLE.

3C: USING DRUMS AT 10′ ON CENTER, KEEP RIGHT TURN LANES CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN (SIGN 4-7).

3D: USING RSD 1101.02 (SHEET 3 OF 14), CLOSE INSIDE LEFT LAND AND DO NOT OPEN LEFT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN (SIGN 4-16).

3E: USE RSD 1101.02 (SHEET 3 OF 14) AND DRUMS 10′ ON CENTER TO CLOSE OUTSIDE LANE WHILE KEEPING RIGHT TURN LANE CLOSED. SHIFT ALL TRAFFIC TO LEFT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS IN THE MIDDLE AND RIGHT SIDE (SIGNS 4-17A, 4-17B, AND 4-18).

STEP 4: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-GG AND 4-WW, COMPLETE THE WORK REQUIRED IN STEPS 4A THRU 4D.

4A: USING DRUMS AT 10′ ON CENTER, SHIFT TRAFFIC TO INSIDE (LEFT-TURN) LANE OF RAMP WHILE KEEPING THROUGH AND RIGHT TURN LANES CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE. REMOVE AND REPLACE EXISTING RIGHT SIDE AND MIDDLE OVERHEAD SIGNS (SIGNS 4-22 AND 4-23).

4B: USING DRUMS AT 10′ ON CENTER, KEEP INSIDE (LEFT-TURN) LANE OF RAMP CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN (SIGN 4-21)

4C: USE DRUMS AT 10′ ON CENTER TO KEEP RIGHT/LEFT TURN LANE CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING RIGHT/LEFT SIDE OVERHEAD SIGNS (SIGNS 4-8 AND 4-10).

4D: USE DRUMS AT 10′ ON CENTER TO SHIFT INSIDE THROUGH LANE INTO LEFT TURN LANE AND OUTSIDE THROUGH LANE INTO RIGHT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE. ADD TMA BEFORE OVERHEAD SIGN STRUCTURE AND SHIFT AHEAD SIGN IN ADVANCE. THEN REMOVE AND REPLACE EXISTING OVERHEAD SIGNS IN THE CENTER (SIGNS 4-9A AND 4-9B).

NORTH CAROLINA Turnpike Authority

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APPROVED: DocuSigned by: Helen Shyu DF15975A95E44EF...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

TRANSPORTATION MANAGEMENT PLAN

PHASING

9/8/2021
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PROJ. REFERENCE NO.	SHEET NO.
DE00325	TMP-3C

STEP 5: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-HH AND 4-KK, COMPLETE THE WORK REQUIRED IN STEPS 5A AND 5B.

5A: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 4-28A AND 4-28B).

5B: USING RSD 1101.02 (SHEET 4, 9 AND 10 OF 14), CLOSE SB 2 OUTSIDE LANES AND 1 LANE OF I-40 ON RAMP TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 4-31A AND 4-31B).

STEP 6: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-II AND 4-JJ, COMPLETE THE WORK REQUIRED IN STEPS 6A THRU 6B.

6A: USING RSD 1101.02 (SHEET 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 4-26A, 4-26B, 4-27A AND 4-27B).

6B: USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 4-29A, 4-29B, AND 4-30A AND 4-30B).

STEP 7: USING TMP-2C, CLOSE I-40 EB TO TOLL NC-885 LOOP RAMP. THEN USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGN 4-32A AND 4-32B) ON OVERHEAD SIGN ASSEMBLY 4-LL.

STEP 8: USING RSD 1101.02 (SHEET 4, 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGN 4-15A AND 4-15B) ON OVERHEAD SIGN ASSEMBLY 4-MM.

STEP 9: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-NN AND 4-OO, COMPLETE THE WORK REQUIRED IN STEPS 9A THRU 9D.

9A: USING DRUMS AT 10′ ON CENTER, KEEP RIGHT TURN LANES CLOSED 'TIL AFTER OVERHEAD SIGN STRUCTURE. REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGN 4-25A AND 4-25B).

9B: USING RSD 1101.02 (SHEET 3 of 14) AND DRUMS AT 10′ ON CENTER, SHIFT TRAFFIC TO RIGHT TURN LANES 'TIL AFTER OVERHEAD SIGN STRUCTURE TO REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 4-24A AND 4-24B). PLACE SHIFT SIGNS IN ADVANCE.

9C: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO KEEP RIGHT TURN LANE CLOSED WHILE MAINTAINING GAS STATION ACCESS (WITH FLAGGERS IF NEEDED) 'TIL AFTER OVERHEAD SIGN. NB DUAL LEFT AND SB DUAL RIGHT TURN LANES ON DAVID DRIVE WILL ALSO NEED TO EACH CLOSE A LANE. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-20A AND 4-20B).

9D: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE INSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE. NB DUAL LEFT AND SB DUAL RIGHT TURN LANES ON DAVIS DRIVE WILL ALSO NEED TO EACH CLOSE A LANE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (4-19A AND 4-19B).

STEP 10: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-PP AND 4-QQ, COMPLETE THE WORK REQUIRED IN STEPS 10A THRU 10D.

10A: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO KEEP RIGHT TURN LANE FOR TOLL NC-885 SERVICE ROAD CLOSED 'TIL PAST OVERHEAD SIGN. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-14A AND 4-14B).

10B: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE INSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (4-13A AND 4-13B).

10C: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO KEEP RIGHT TURN LANE FOR TOLL NC-885 SERVICE ROAD CLOSED 'TIL PAST OVERHEAD SIGN. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-12A AND 4-12B).

10D: USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE INSIDE THROUGH LANE, AND DRUMS AT 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE 'TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (4-11A AND 4-11B).

STEP 11: USING RSD 1101.02 (SHEET 9 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-35A, 4-35B AND 4-35C) ON OVERHEAD SIGN ASSEMBLY 4-RR.

STEP 12: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-SS AND 4-TT, COMPLETE THE WORK REQUIRED IN STEPS 12A AND 12B.

12A: USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-36A AND 4-36B).

12B: USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS (SIGNS 4-37A AND 4-37B).

STEP 13: AT EXISTING OVERHEAD SIGN ASSEMBLIES 4-UU AND 4-VV, COMPLETE THE WORK REQUIRED IN STEPS 13A AND 13B.

13A: USING TMP-8A, CLOSE 3 INSIDE LANES AND REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS (SIGNS 4-33A, 4-33B AND 4-33C).

13B: USING 1101.02 (SHEET 8 AND 10 OF 14), CLOSE 2 OUTSIDE LANES ON I-40 WHILE MAINTAINING EXIT RAMP TO TOLL NC-885. THEN REMOVE AND REPLACE EXISTING OVERHEAD SIGNS (SIGNS 4-34A, 4-34B, AND 4-34C).

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NORTH CAROLINA Turnpike Authority

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APPROVED: DocuSigned by: Helen Shyu DF15975A95E44EF...
DATE: 9/8/2021
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL *

TRANSPORTATION MANAGEMENT PLAN

PHASING

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SHEET NO.
TMP-4A

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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1–UU
USING DETAIL SHEET TMP–5E AND RSD 1101.02 (SHEET 4 OF 14), REMOVE AND REPLACE LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE RIGHT SIDE OVERHEAD SIGNS.

1–TT
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE & REPLACE OVERHEAD SIGNS.

1–GG
USING TMP–2A, DETOUR TRAFFIC AND CLOSE US 1 SB TO TOLL NC–540 EAST LOOP. THEN USING RSD 1101.02 (SHEET 8 AND 10 OF 14), CLOSE OUTSIDE TWO LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING TMP–2A, DETOUR TRAFFIC AND CLOSE US 1 SB TO NC–540 EAST LOOP. THEN USING TMP–5D, CLOSE NC–540 OUTSIDE THREE LANES AND SHIFT TRAFFIC TO INSIDE LANE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

1–OO
USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS.

1–HH
USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

USING RSD 1101.02 (SHEET 8 AND 10 OF 14), CLOSE OUTSIDE TWO LANES (MAINTAIN ONE LANE FOR EXIT RAMP) TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

1–LL
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), CLOSE INSIDE LANES AND UTILIZE SOME OF EXIT RAMP LANE WIDTH TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS. TOLL NC–540 TRAFFIC SHIFTS BACK ACROSS GORE.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

1–EE
USING RSD 1101.02 (SHEET 9 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

1–CC
USING RSD 1101.02 (SHEET 9 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

1–BB
USING DETAIL SHEET TMP–5B, SHIFT TRAFFIC PARTLY ONTO INSIDE SHOULDER TO REMOVE AND REPLACE LEFT SIDE OVERHEAD SIGNS.

USING DETAIL SHEET TMP–5C AND DRUMS TO CLOSE A LANE ON VERIDEA PARKWAY ON–RAMP TO TOLL NC–540 WEST. SHIFT RAMP TRAFFIC PARTLY ONTO OUTSIDE SHOULDER TO REMOVE AND REPLACE MIDDLE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 3 OF 14), FOR VERIDEA PARKWAY ON–RAMP TO TOLL NC–540 WEST TO REMOVE AND REPLACE RIGHT SIDE OVERHEAD SIGN

1–AA
USING DETAIL SHEET TMP–5A, CLOSE THREE INSIDE THRU LANES TO REMOVE AND REPLACE LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEETS 8 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE RIGHT SIDE SIGNS.

1–DD
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), CLOSE TWO OUTSIDE LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

1–601
USING RSD 1101.02 (SHEETS 3 OF 14), CLOSE INSIDE LANE TO PLACE OVERLAY PANEL ON EXISTING OVERHEAD SIGN.

1–613
USING RSD 1101.02 (SHEETS 10 OF 14), CLOSE OUTSIDE LANE TO PLACE OVERLAY PANEL ON EXISTING OVERHEAD SIGN.

1–II
USING RSD 1101.02 (SHEET 3 AND 9 OF 14), CLOSE OUTER 2 LANES WHILE MERGING US 1 RAMP TO 1 LANE AND SHIFT TO CENTER. THEN REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

1–KK
USING RSD 1101.02 (SHEET 10 OF 14), CLOSE AUXILARY LANE AND OUTSIDE THROUGH LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

1–JJ
USING RSD 1101.02 (SHEET 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

1–FF
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING TMP–5F, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

1–QQ
USING TMP–2A AND RSD 1101.03 (SHEET 7 OF 9) TO CLOSE THE CONNECTOR ROAD BEYOND EXIT 93B, FOR US 1 SBL AND USING RSD 1101.03 (SHEET 8 OF 9) FOR TOLL NC 540 EXIT 56B, REMOVE & REPLACE OVERHEAD SIGNS. INCLUDE CMS "A" AND CMS "B".

1–RR
USING RSD 1101.03 (SHEET 9 OF 9), REMOVE AND REPLACE OVERHEAD SIGNS.

1–SS
USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE OVERHEAD SIGNS.

1–PP
USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS.

1–NN
USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS.

1–MM
USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING SIGNS.

LOOP CLOSED IN TMP–2A

CMS "B"

CMS "A"

US 1

S SALEM ST

KELLY RD

TOLL NC 540

VERIDEA PKWY

APEX BARBECUE RD

OLIVE CHAPEL RD

MATCHLINE SEE SHEET TMP-4B

NC 55 BY-PASS

CMS "A"

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 56B CLOSED	EXPECT DELAYS

CHANGEABLE MESSAGE SIGN

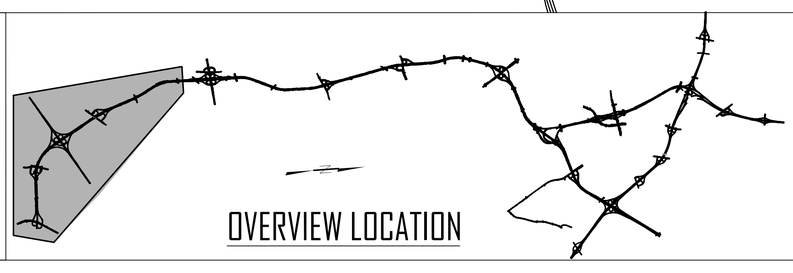
CMS "B"

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 56B CLOSED	BE PREPARED TO STOP

CHANGEABLE MESSAGE SIGN

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: 1"= 1000'

NORTH CAROLINA Turnpike Authority

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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 1 OVERVIEW

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2–OO

USE DRUMS TO KEEP ENTRANCE RAMP TRAFFIC FROM MERGING ONTO US–64 UNTIL PAST OVERHEAD SIGN AND USE RSD 1101.03 (SHEET 9 OF 9) TO CLOSE THRU LANES TO REMOVE AND REPLACE LEFT OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 10 OF 14), CLOSE EB RIGHT THRU LANE TO REMOVE AND REPLACE OVERHEAD SIGNS.

2–CC

USING RSD 1101.02 (SHEET 9 AND 10 OF 14), CLOSE SB AUXILIARY LANE TO REMOVE AND REPLACE OVERHEAD SIGNS.

2–EE

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

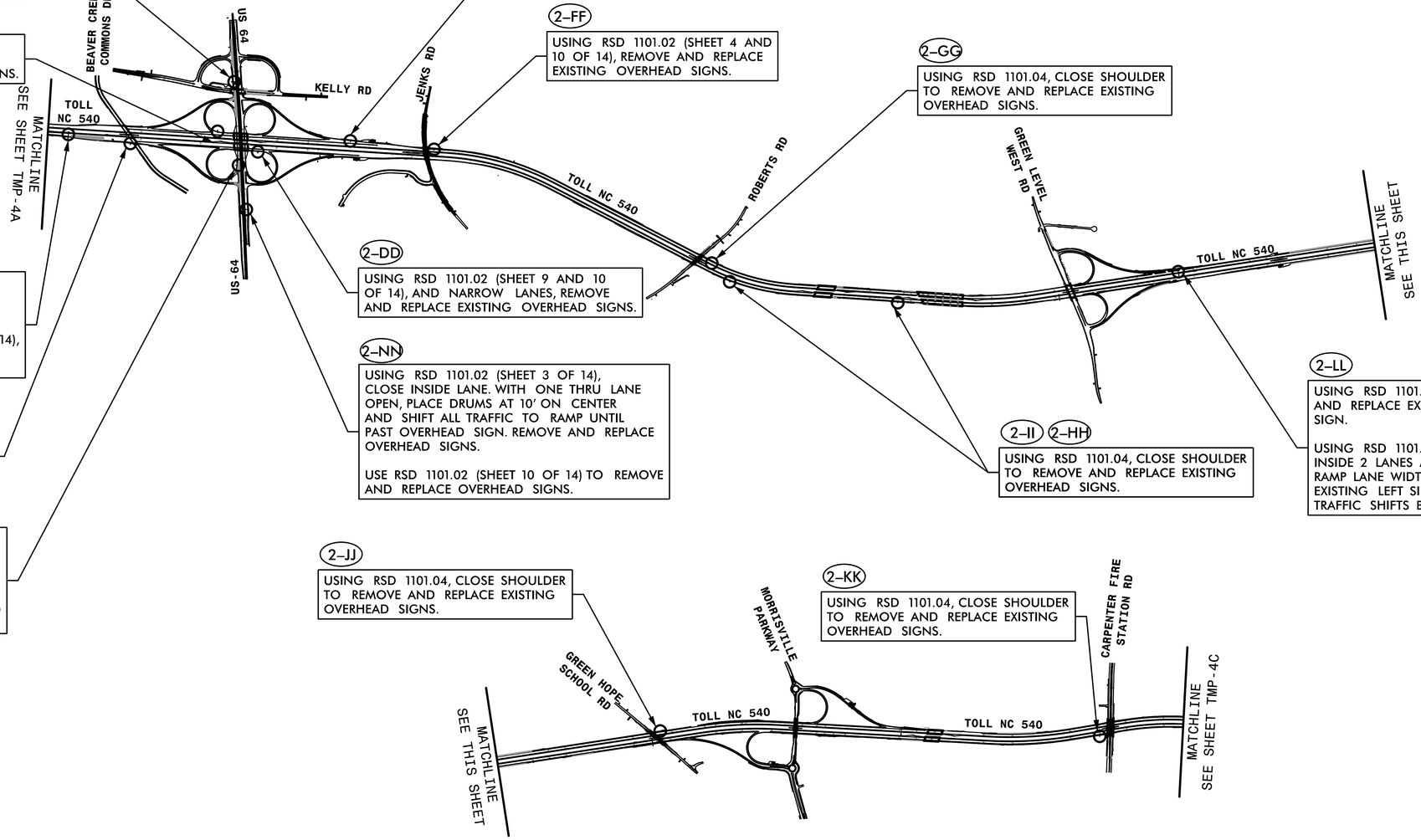
USING DRUMS AT 10' ON CENTER TO SHIFT ALL TRAFFIC TO RAMP UNTIL PAST OVERHEAD SIGN, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

2–FF

USING RSD 1101.02 (SHEET 4 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

2–GG

USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.



2–AA

USING DETAIL SHEET TMP–6A, CLOSE THREE INSIDE THRU LANES TO REMOVE AND REPLACE LEFT SIDE OVERHEAD SIGN.

USING RSD 1101.02 (SHEETS 8 AND 10 OF 14), CLOSE OUTSIDE 2 LANES TO REMOVE AND REPLACE RIGHT SIDE SIGNS.

2–BB

USING RSD 1101.02 (SHEET 10 OF 14) AND NARROW LANES, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

2–MM

USING RSD 1101.02 (SHEETS 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING TMP–6B, TMP–2E AND RSD 1101.02 (SHEET 3 OF 14), INSTALL LEFT SIDE OVERHEAD SIGN.

2–DD

USING RSD 1101.02 (SHEET 9 AND 10 OF 14), AND NARROW LANES, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

2–NN

USING RSD 1101.02 (SHEET 3 OF 14), CLOSE INSIDE LANE. WITH ONE THRU LANE OPEN, PLACE DRUMS AT 10' ON CENTER AND SHIFT ALL TRAFFIC TO RAMP UNTIL PAST OVERHEAD SIGN. REMOVE AND REPLACE OVERHEAD SIGNS.

USE RSD 1101.02 (SHEET 10 OF 14) TO REMOVE AND REPLACE OVERHEAD SIGNS.

2–II **2–HH**

USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

2–LL

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

USING RSD 1101.02 (SHEET 8 OF 14), CLOSE INSIDE 2 LANES AND UTILIZE SOME OF EXIT RAMP LANE WIDTH TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS. NC–540 TRAFFIC SHIFTS BACK ACROSS GORE.

2–JJ

USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

2–KK

USING RSD 1101.04, CLOSE SHOULDER TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

SHEET NO.
TMP–4B

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...

DATE: 9/8/2021

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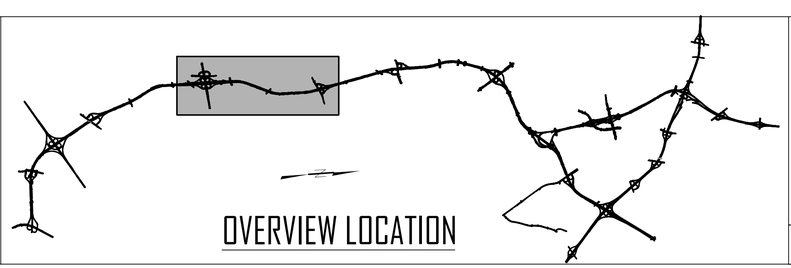
LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: 1"= 1000'

NORTH CAROLINA Turnpike Authority

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TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 2 OVERVIEW

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SHEET NO.
TMP-4C

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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3–JJ
USING TMP–7C, CLOSE INSIDE 3 LANES AND SHIFT ALL TRAFFIC TO RAMP UNTIL PAST OVERHEAD SIGN. REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

3–LL
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–CC
USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGN.

3–DD
USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–EE
USING RSD 1101.02 (SHEET 4 OF 14) AND SHIFT TRAFFIC ONTO SHOULDER, REMOVE AND REPLACE EXISTING OVERHEAD SIGN.

3–PP
USING TMP–7D, CLOSE THREE INSIDE LANES. REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

3–QQ
USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14), CLOSE TWO OUTSIDE LANES TO REMOVE AND REPLACE EXISTING OVERHEAD SIGN.

3–RR
USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14), CLOSE TWO OUTSIDE LANES AND KEEP INSIDE RAMP LANE CLOSED UNTIL AFTER OVERHEAD SIGNS TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

3–BB
USING TMP–7A, CLOSE INSIDE THREE LANES AND SHIFT ALL TRAFFIC ONTO RAMP TIL PAST OVERHEAD SIGN TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

3–SS
USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 4 OF 14) AND DRUMS, CLOSE INSIDE RAMP LANE AND SHIFT TRAFFIC TO WEST RAMP LANE UNTIL PAST OVERHEAD SIGNS TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

3–AA
USING RSD 1101.02 (SHEET 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–OO
USING RSD 1101.02 (SHEET 9 AND 10 OF 14), REMOVE AND REPLACE RIGHT SIDE OVERHEAD SIGNS.

3–HH
USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 9 OF 14), CLOSE OUTSIDE ENTRANCE RAMP LANE AND NC–540 OUTSIDE THROUGH LANE TO KEEP NC–540 TRAFFIC IN INSIDE 2 LANES UNTIL PAST OVERHEAD SIGNS TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

3–FF
USING TMP–7B, CLOSE INSIDE 3 LANES TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

3–NN
USING RSD 1101.02 (SHEET 4 OF 14) AND DRUMS TO KEEP LEFT OR RIGHT TURN LANES CLOSED 'TIL AFTER OVERHEAD STRUCTURE, REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–II
USING RSD 1101.02 (SHEET 8 OF 14), CLOSE INSIDE 2 LANES AND REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

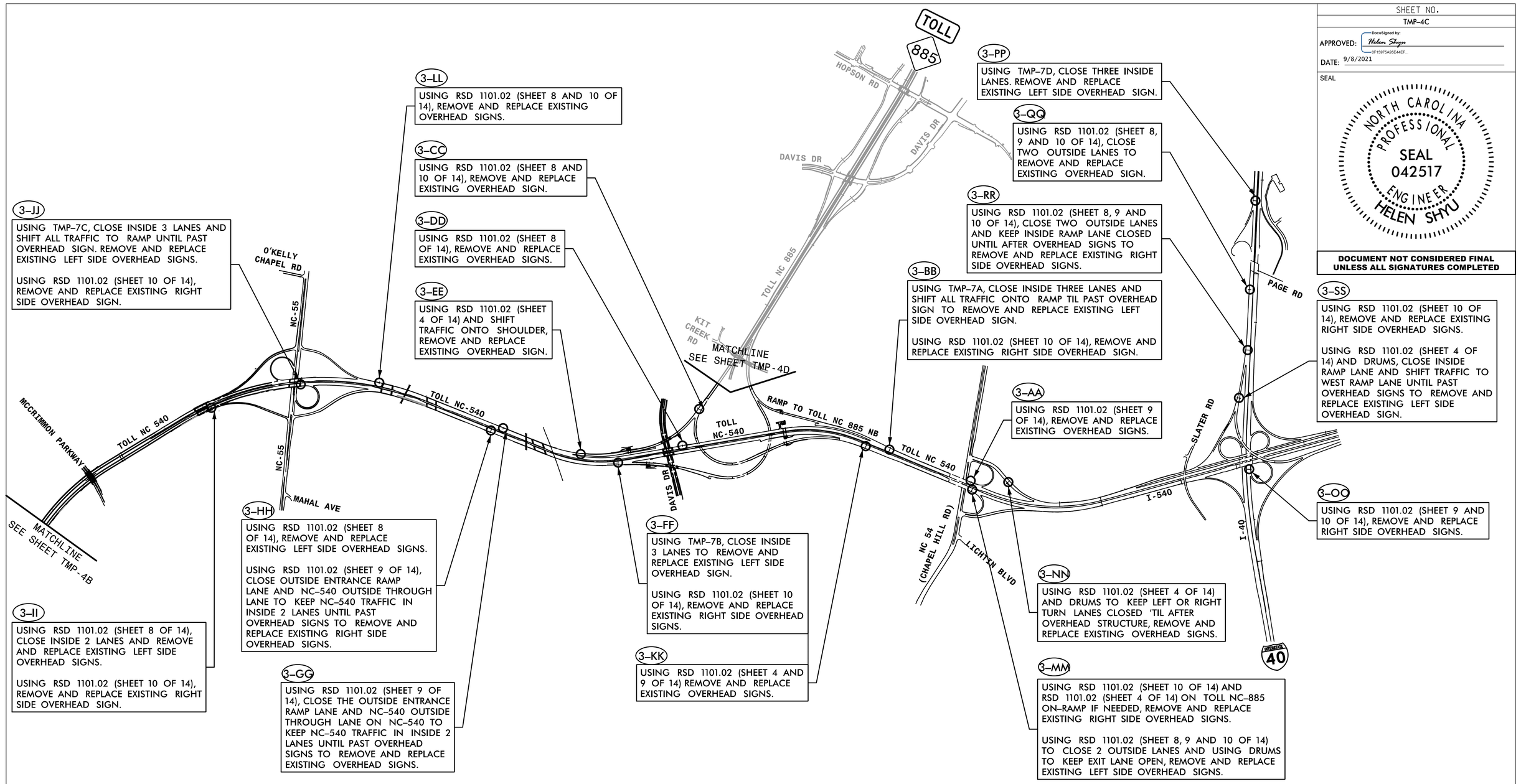
USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

3–GG
USING RSD 1101.02 (SHEET 9 OF 14), CLOSE THE OUTSIDE ENTRANCE RAMP LANE AND NC–540 OUTSIDE THROUGH LANE ON NC–540 TO KEEP NC–540 TRAFFIC IN INSIDE 2 LANES UNTIL PAST OVERHEAD SIGNS TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–KK
USING RSD 1101.02 (SHEET 4 AND 9 OF 14) REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

3–MM
USING RSD 1101.02 (SHEET 10 OF 14) AND RSD 1101.02 (SHEET 4 OF 14) ON TOLL NC–885 ON–RAMP IF NEEDED, REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 8, 9 AND 10 OF 14) TO CLOSE 2 OUTSIDE LANES AND USING DRUMS TO KEEP EXIT LANE OPEN, REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.



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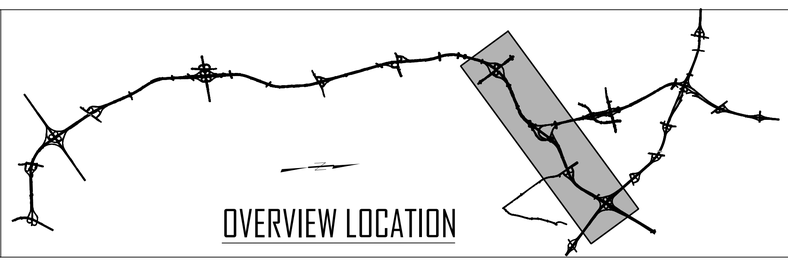

OVERVIEW LOCATION

SCALE: 1"= 1000'

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4–WW

USE DRUMS AT 10′ ON CENTER TO KEEP RIGHT/LEFT TURN LANE CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING RIGHT/LEFT SIDE OVERHEAD SIGN.

USE DRUMS AT 10′ ON CENTER TO SHIFT INSIDE THROUGH LANE INTO LEFT TURN LANE AND OUTSIDE THROUGH LANE INTO RIGHT TURN LANE ′TIL AFTER OVERHEAD SIGN STRUCTURE. ADD TMA BEFORE OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING OVERHEAD SIGNS IN THE CENTER.

4–QQ

USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE AND DRUMS AT 10′ ON CENTER TO KEEP RIGHT TURN LANE FOR TOLL NC–885 SERVICE ROAD CLOSED ′TIL PAST OVERHEAD SIGN. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE INSIDE THROUGH LANE AND USE DRUMS AT 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE ′TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

4–DD

USING RSD 1101.02 (SHEET 8 OF 14), CLOSE NB 2 OUTSIDE LANES TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS

4–BB

USING RSD 1101.02 (SHEET 4, 8 AND 9 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGN.

4–CC

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS

4–AA

USING RSD 1101.02 (SHEET 4 OF 14), CLOSE NB OUTSIDE LANE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

4–NN

USING DRUMS AT 10′ ON CENTER, KEEP RIGHT TURN LANES CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 3 OF 14) AND DRUMS AT 10′ ON CENTER, SHIFT TRAFFIC TO RIGHT TURN LANES ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

4–MM

USING RSD 1101.02 (SHEET 4, 8 AND 10 OF 14) REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

4–GG

USING DRUMS AT 10′ ON CENTER, SHIFT TRAFFIC TO INSIDE (LEFT–TURN) LANE OF RAMP WHILE KEEPING OUTSIDE (THROUGH) AND RIGHT–TURN LANES CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING RIGHT SIDE AND MIDDLE OVERHEAD SIGNS.

USING DRUMS AT 10′ ON CENTER, KEEP INSIDE (LEFT–TURN) LANE OF RAMP CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

4–KK

USING RSD 1101.02 (SHEET 4, 9 AND 10 OF 14), CLOSE SB 2 OUTSIDE LANES AND 1 LANE OF I–40 ON RAMP TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

4–HH

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS

4–JJ

USING RSD 1101.02 (SHEET 8 AND 10 OF 14), REMOVE AND REPLACE EXISTING OVERHEAD SIGNS

4–SS

USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

4–TT

USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

4–RR

USING RSD 1101.02 (SHEET 9 AND 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

4–LL

USING TMP–2C, CLOSE I–40 EB TO TOLL NC–885 LOOP RAMP. THEN USING RSD 1101.02 (SHEET 10 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

4–VV

USING 1101.02 (SHEET 8 AND 10 OF 14), CLOSE 2 OUTSIDE LANES ON I–40 WHILE MAINTAINING EXIT RAMP TO TOLL NC–885. THEN REMOVE AND REPLACE EXISTING OVERHEAD SIGNS.

4–II

USING RSD 1101.02 (SHEET 8 OF 14), REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

USING RSD 1101.02 (SHEET 9 OF 14), REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

4–EE

USING DRUMS AT 10′ ON CENTER, KEEP LEFT TURN LANES CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

USING DRUMS AT 10′ ON CENTER, SHIFT ALL RAMP TRAFFIC TO RIGHT TURN LANES ′TIL AFTER OVERHEAD SIGN STRUCTURE. PLACE TMA BEFORE WORK AREA. REMOVE AND REPLACE EXISTING SIGN IN THE MIDDLE.

USING DRUMS AT 10′ ON CENTER, KEEP RIGHT TURN LANES CLOSED ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGN.

4–PP

USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE AND DRUMS AT 10′ ON CENTER TO KEEP RIGHT TURN LANE FOR TOLL NC–885 SERVICE ROAD CLOSED ′TIL PAST OVERHEAD SIGN. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USE RSD 1101.02 (SHEET OF 3 OF 14) TO CLOSE INSIDE THROUGH LANE AND USE DRUMS AT 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE ′TIL AFTER OVERHEAD SIGN STRUCTURE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

4–FF

USING RSD 1101.02 (SHEET 3 OF 14), CLOSE INSIDE LANE AND DO NOT OPEN LEFT TURN LANE ′TIL AFTER OVERHEAD SIGN STRUCTURE. REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGN.

USE RSD 1101.02 (SHEET 3 OF 14) AND DRUMS 10′ ON CENTER TO CLOSE OUTSIDE LANE WHILE KEEPING RIGHT TURN LANE CLOSED AND SHIFT ALL TRAFFIC TO LEFT TURN LANE ′TIL AFTER OVERHEAD SIGN STRUCTURE TO REMOVE AND REPLACE EXISTING OVERHEAD SIGNS IN THE MIDDLE AND RIGHT SIDE.

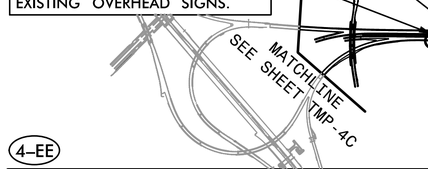
4–UU

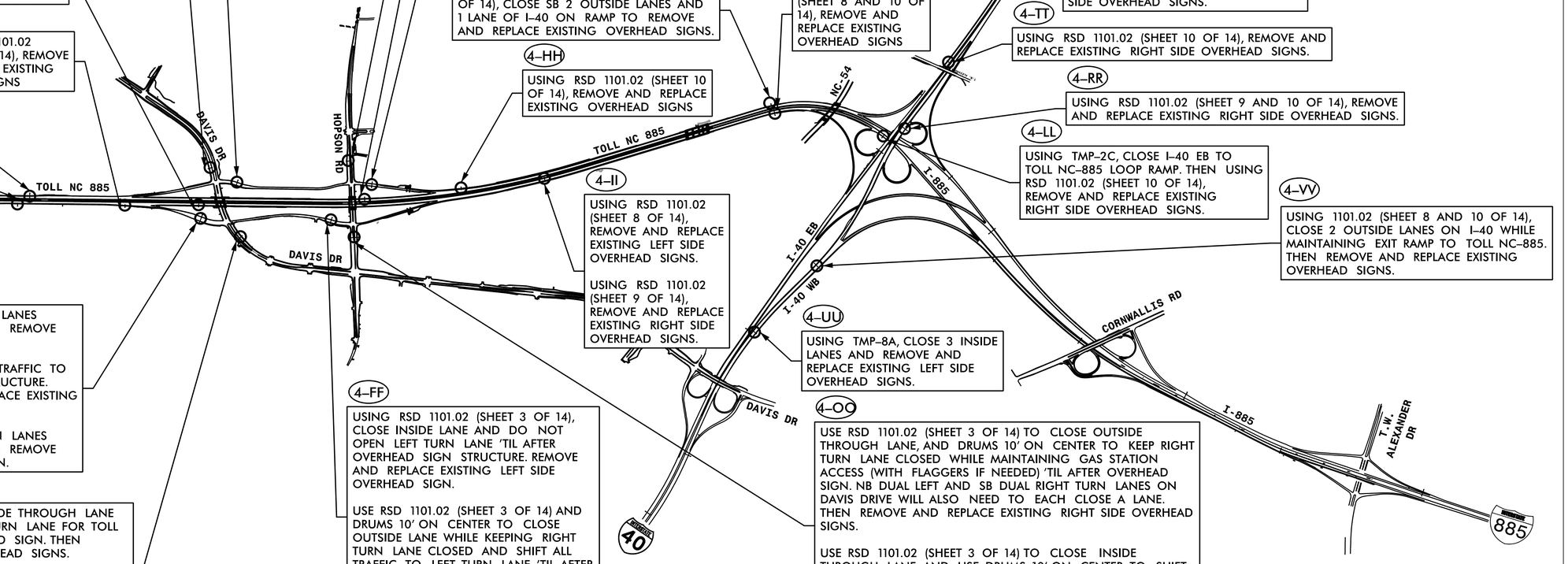
USING TMP–8A, CLOSE 3 INSIDE LANES AND REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.

4–OO

USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE OUTSIDE THROUGH LANE, AND DRUMS 10′ ON CENTER TO KEEP RIGHT TURN LANE CLOSED WHILE MAINTAINING GAS STATION ACCESS (WITH FLAGGERS IF NEEDED) ′TIL AFTER OVERHEAD SIGN. NB DUAL LEFT AND SB DUAL RIGHT TURN LANES ON DAVIS DRIVE WILL ALSO NEED TO EACH CLOSE A LANE. THEN REMOVE AND REPLACE EXISTING RIGHT SIDE OVERHEAD SIGNS.

USE RSD 1101.02 (SHEET 3 OF 14) TO CLOSE INSIDE THROUGH LANE, AND USE DRUMS 10′ ON CENTER TO SHIFT TRAFFIC TO RIGHT TURN LANE ′TIL AFTER OVERHEAD SIGN. NB DUAL LEFT AND SB DUAL RIGHT TURN LANES ON DAVIS DRIVE WILL ALSO NEED TO EACH CLOSE A LANE. THEN REMOVE AND REPLACE EXISTING LEFT SIDE OVERHEAD SIGNS.





SHEET NO.
TMP–4D

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- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
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- PROPOSED GROUND MOUNTED SIGNS
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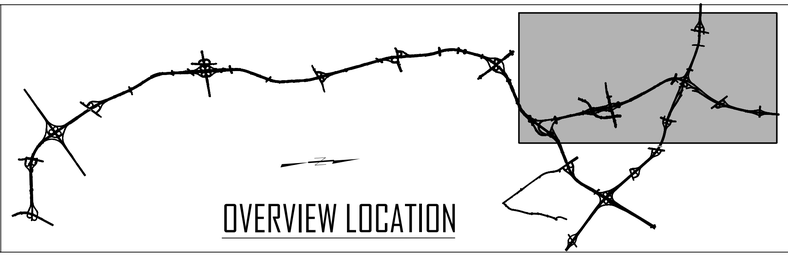

OVERVIEW LOCATION

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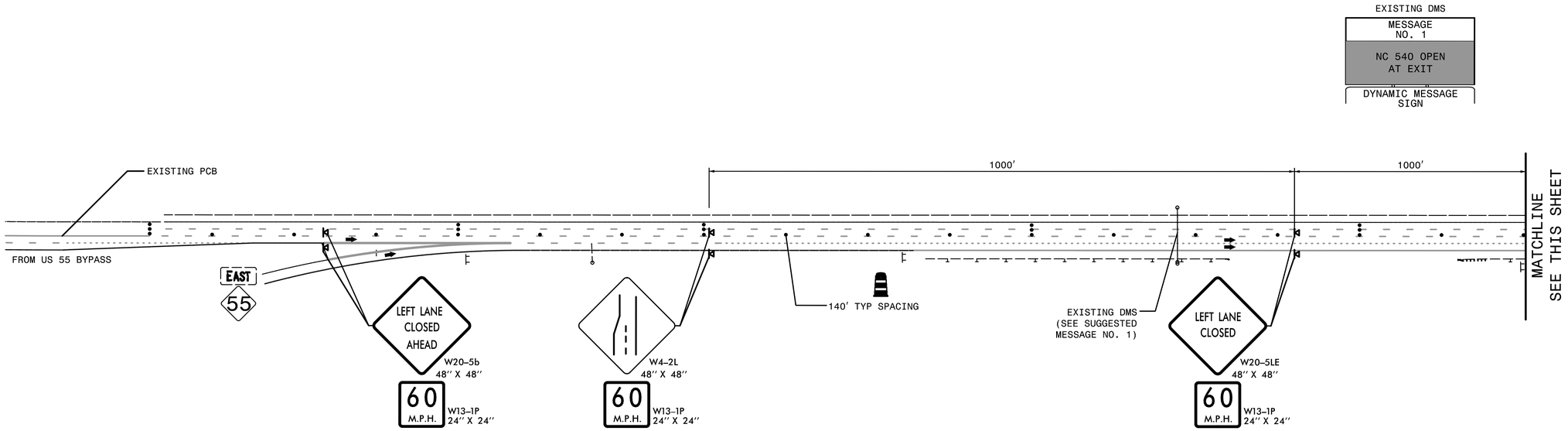

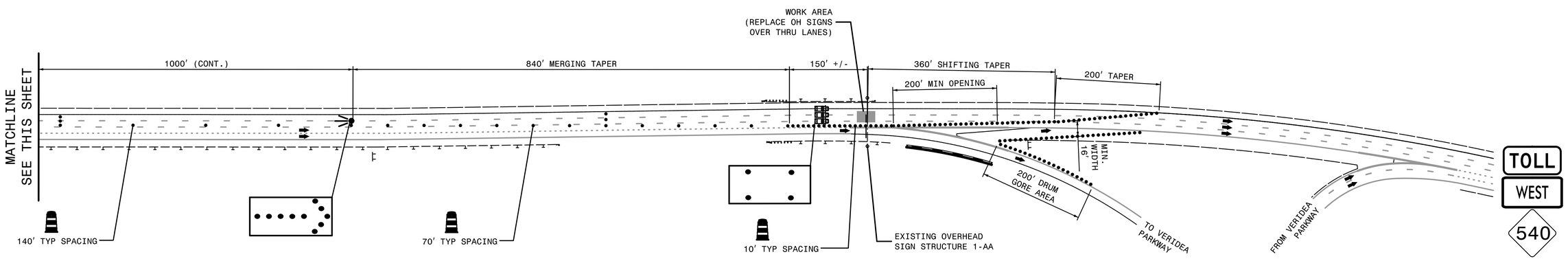

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- PROPOSED SPAN STRUCTURE
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- PROPOSED CANTILEVER STRUCTURE
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- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



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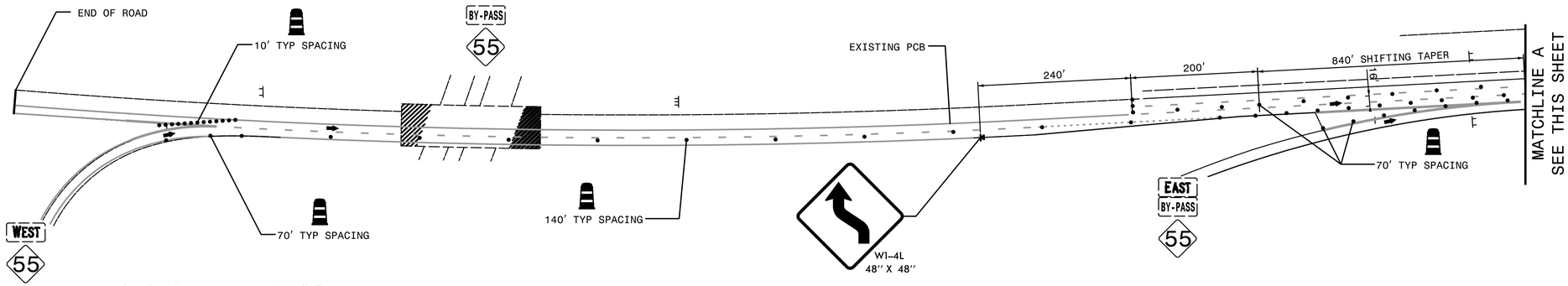

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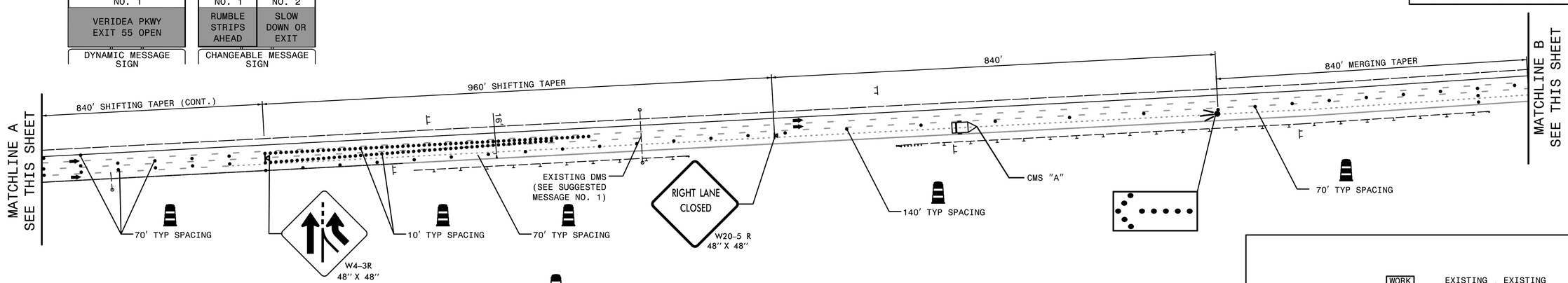
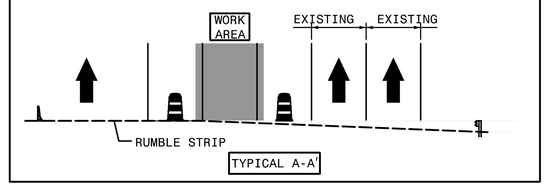
VERIDEA PKWY EXIT 55 OPEN	RUMBLE STRIPS AHEAD	SLOW DOWN OR EXIT
DYNAMIC MESSAGE SIGN	CHANGEABLE MESSAGE SIGN	





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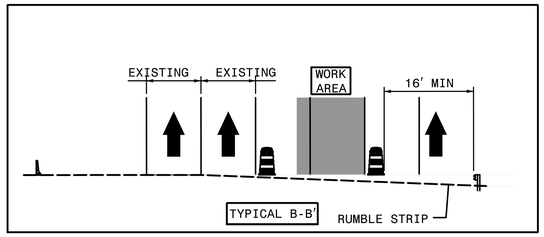

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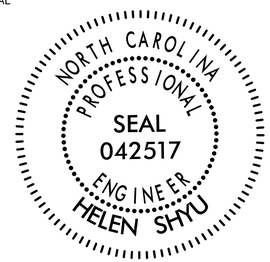

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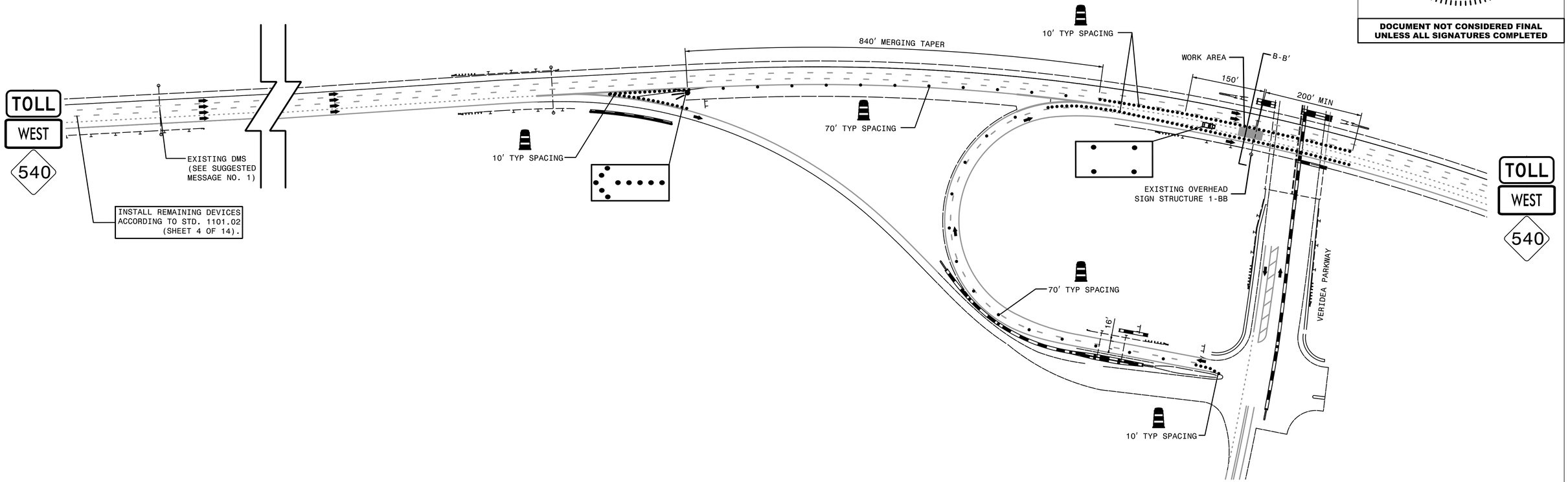

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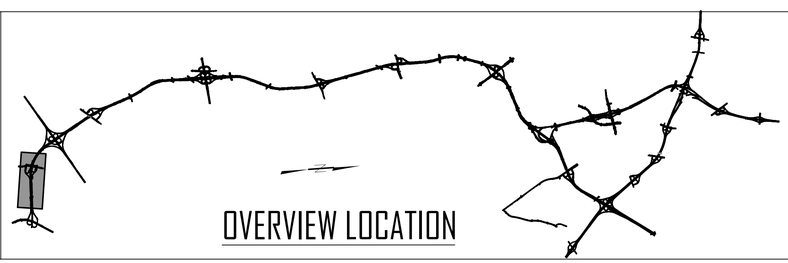

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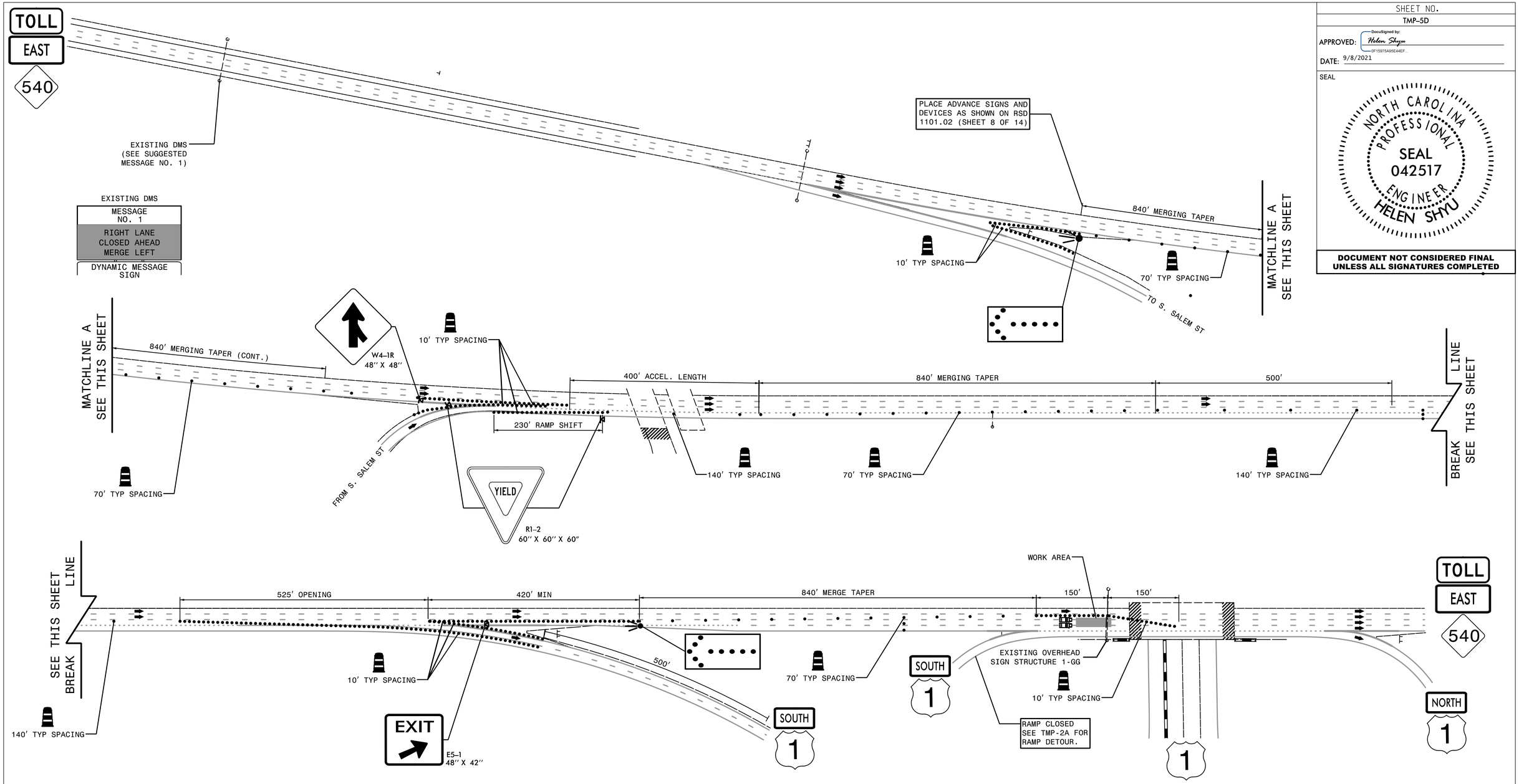

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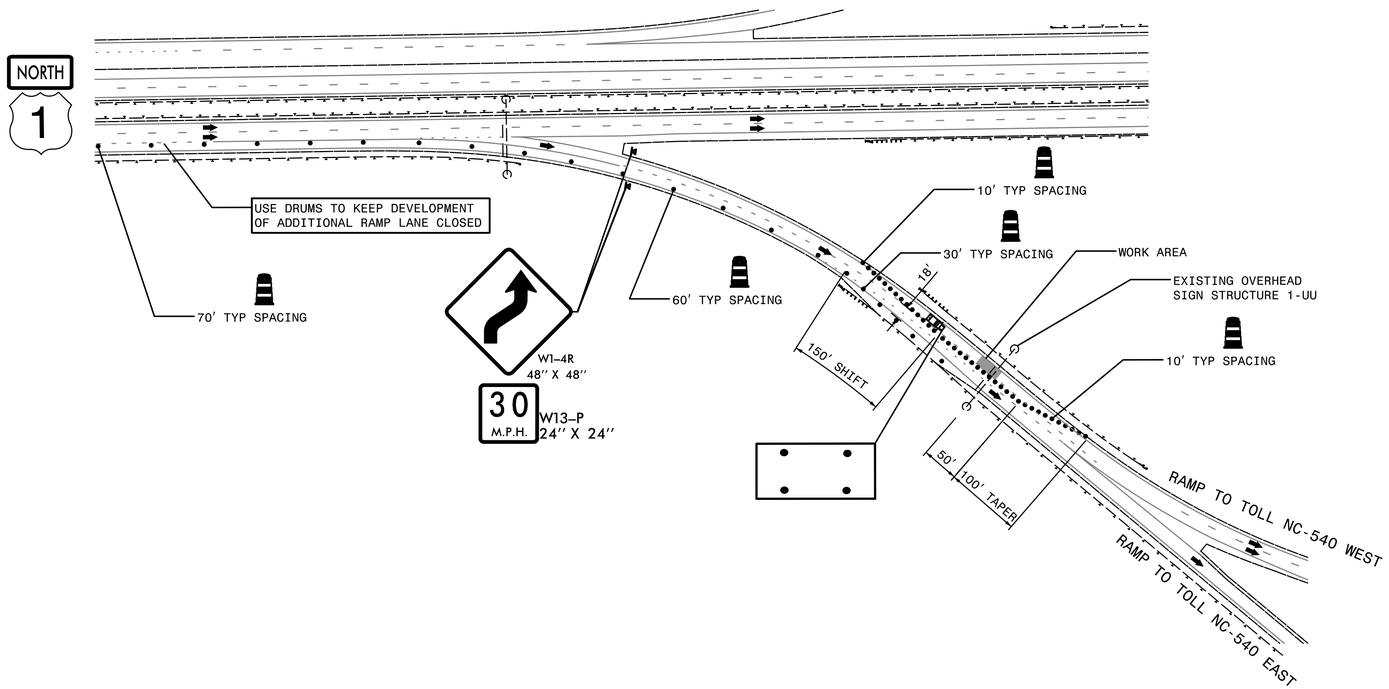

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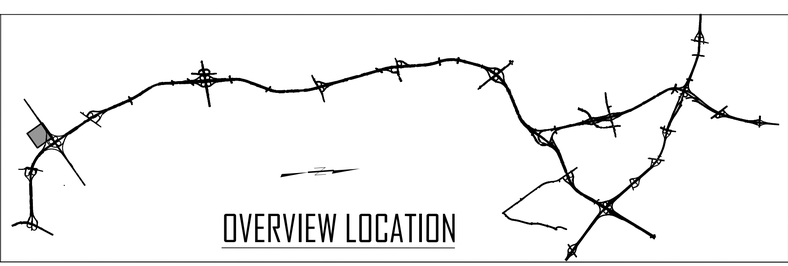

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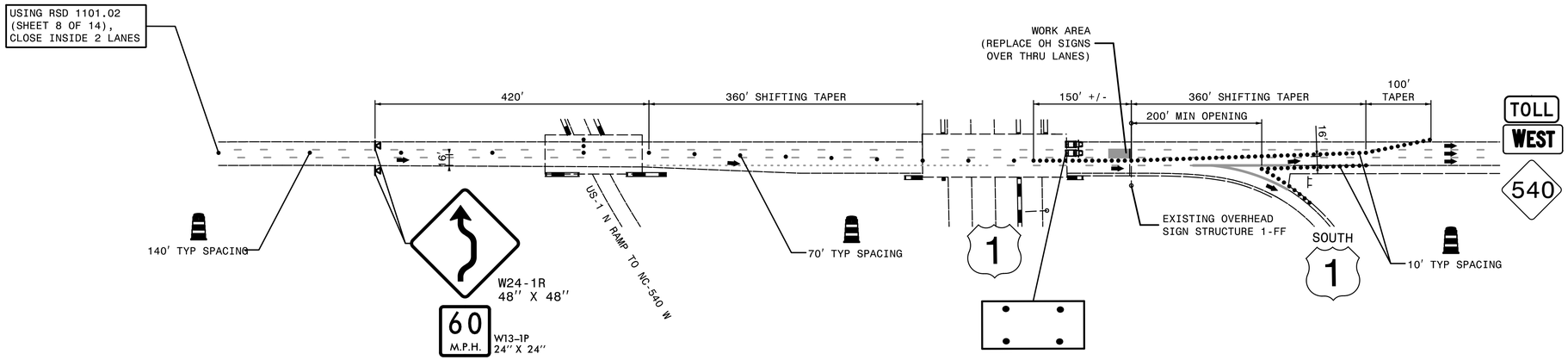

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 1
SIGN STRUCTURE 1-FF

DocuSign Envelope ID: 759449F5-4DAC-4F9E-9E9C-A0E7E9F6E856

SHEET NO.
TMP-6A

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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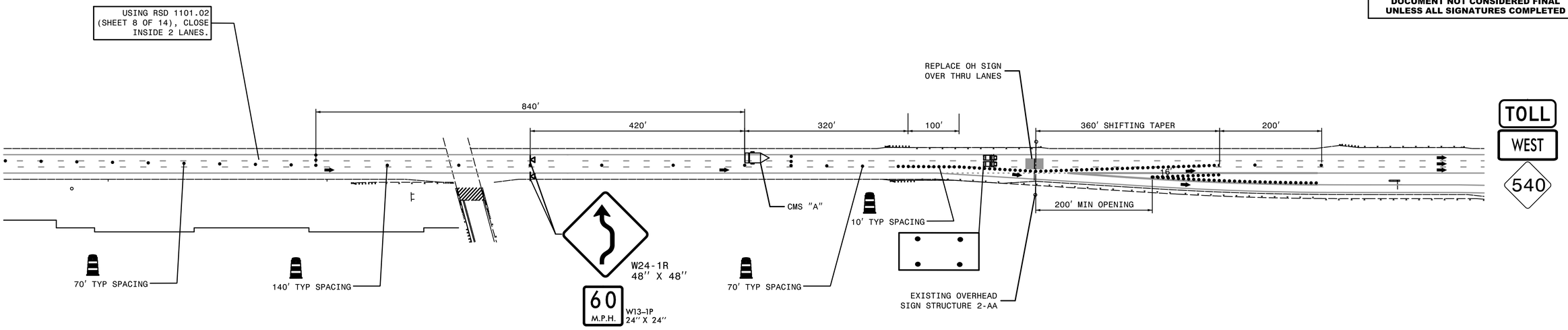
CMS "A"

MESSAGE NO. 1	MESSAGE NO. 2
NC 540 OPEN	AT EXIT

CHANGEABLE MESSAGE SIGN



LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

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TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 2 SIGN STRUCTURE 2-AA

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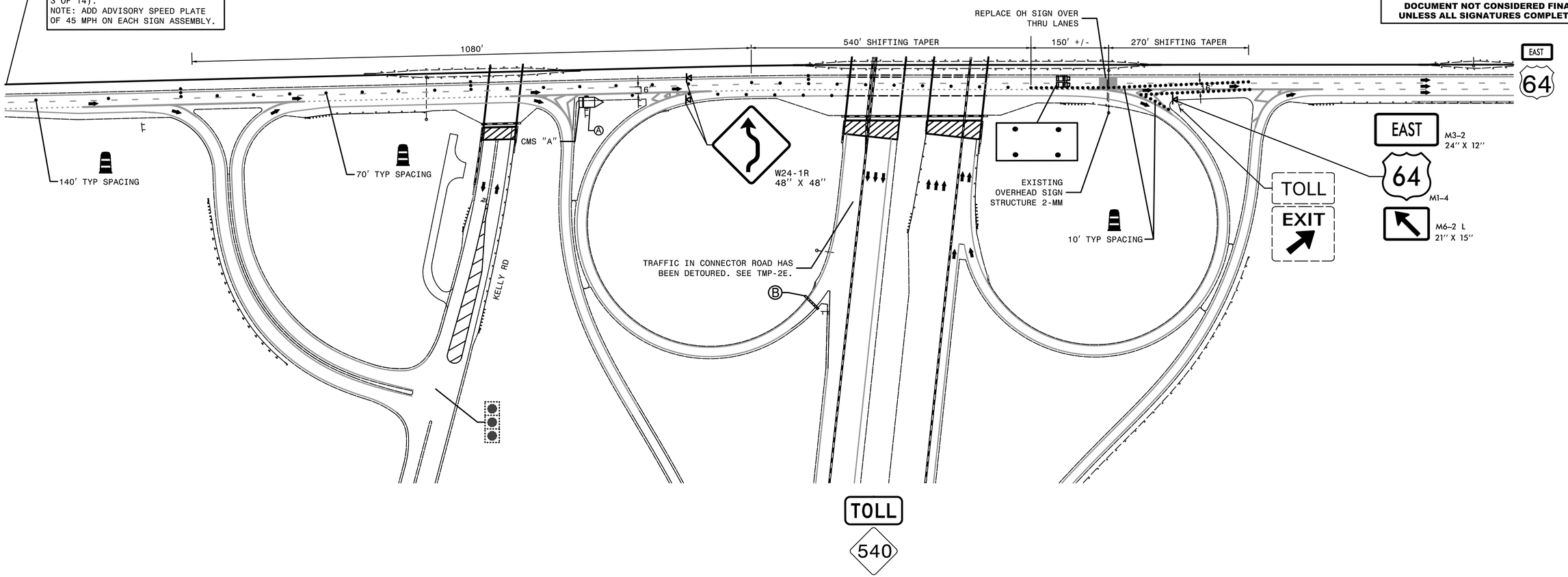
CMS "A"

MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC SHIFT AHEAD	STAY IN LANE

CHANGEABLE MESSAGE SIGN

Ⓑ R11-2
48" x 30"
ROAD CLOSED
TYPE III BARRICADE

INSTALL REMAINING LEFT LANE CLOSURE SIGNS AND DEVICES ACCORDING TO RSD 1101.02 (SHEET 3 OF 14).
NOTE: ADD ADVISORY SPEED PLATE OF 45 MPH ON EACH SIGN ASSEMBLY.



SHEET NO.
TMP-6B

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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LEGEND

- PROPOSED SIGN
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- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

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TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 2
SIGN STRUCTURE 2-MM

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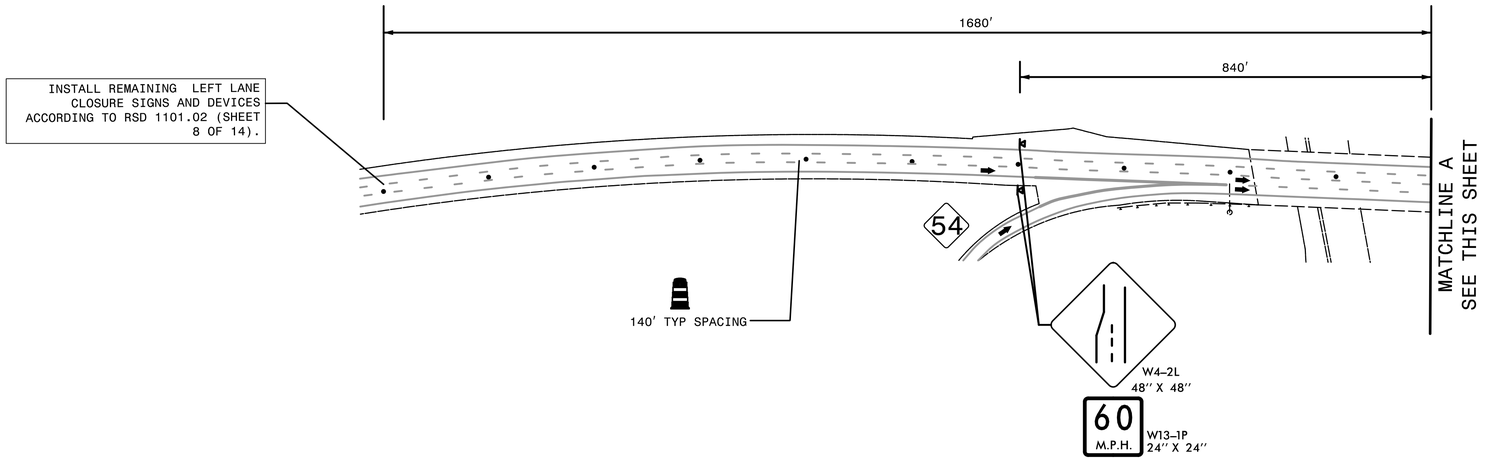

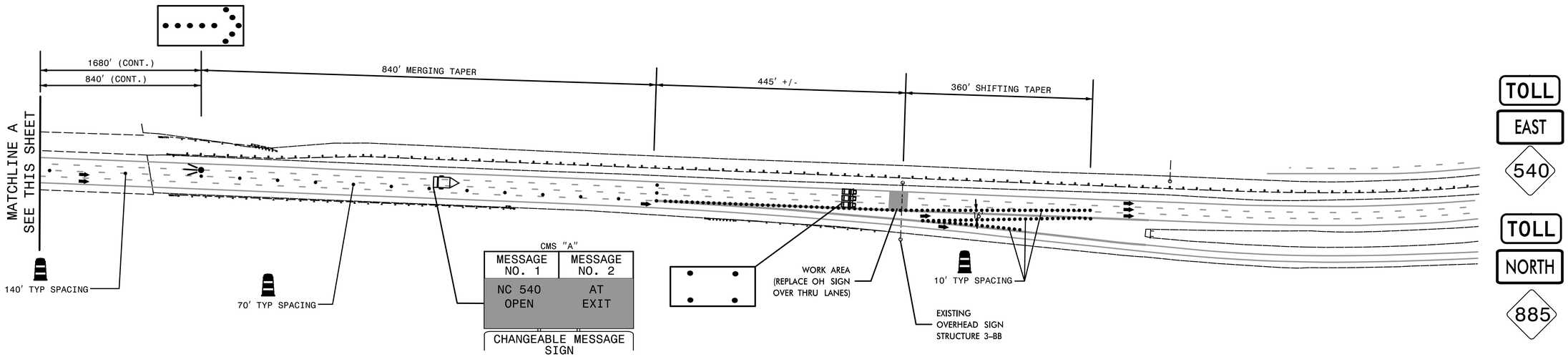

LEGEND

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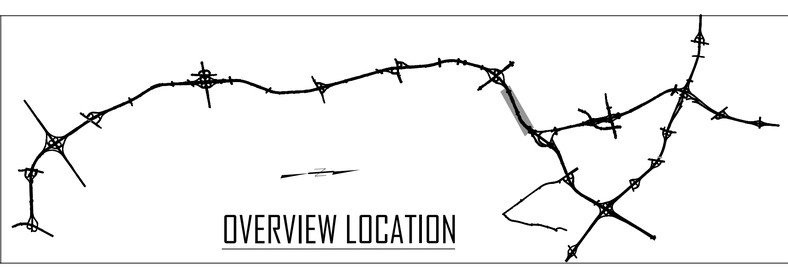
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

SHEET NO.
TMP-7A

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 3
SIGN STRUCTURE 3-BB

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SHEET NO.
TMP-7B

APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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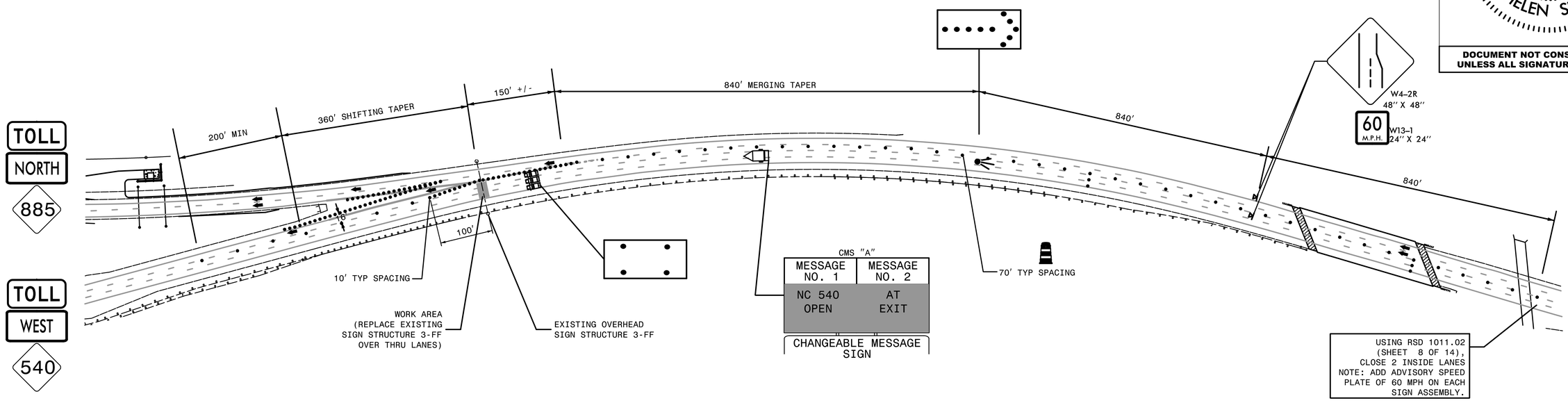

LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED SPAN STRUCTURE
- EXISTING SPAN STRUCTURE
- PROPOSED CANTILEVER STRUCTURE
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

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NC License No: C-1554

TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 3
SIGN STRUCTURE 3-FF

DocuSign Envelope ID: 759449F5-4DAC-4F9E-9E9C-A0E7E9F6E856

SHEET NO.
TMP-7C
APPROVED: DocuSigned by: Helen Shyu 0F15975A95E44EF...
DATE: 9/8/2021
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042517 ENGINEER HELEN SHYU

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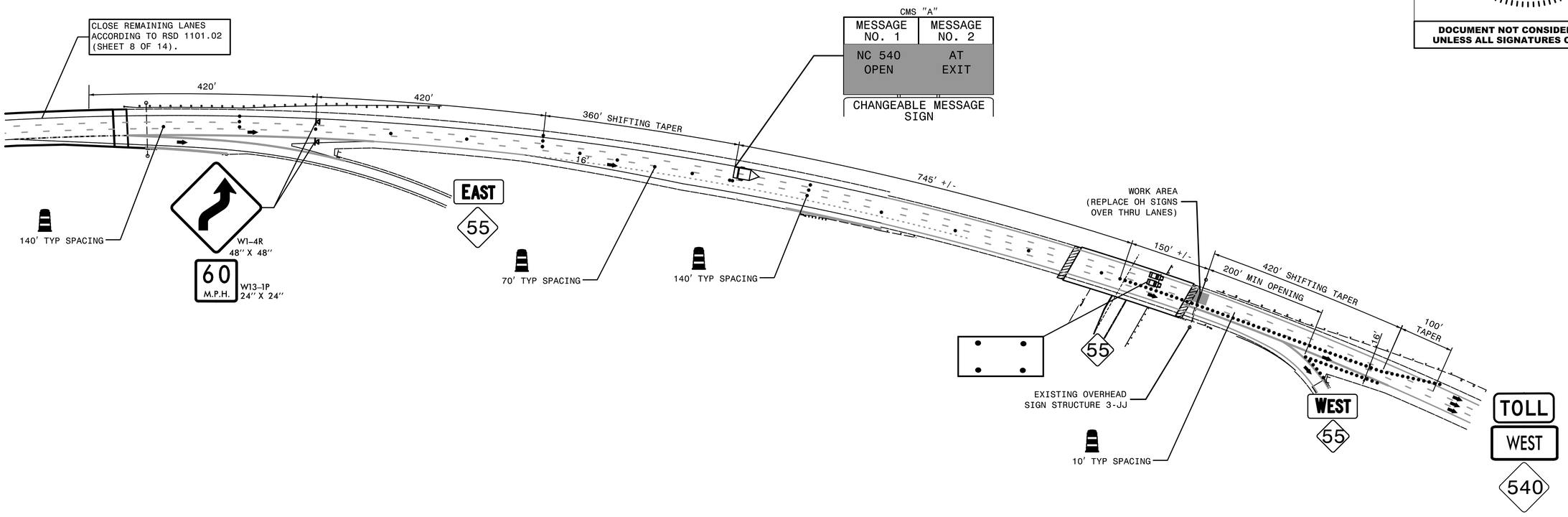

LEGEND

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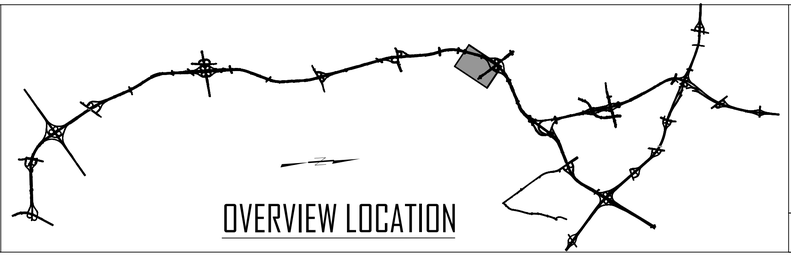

OVERVIEW LOCATION

SCALE: NTS

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TRIANGLE EXPRESSWAY APPROACH SIGNING

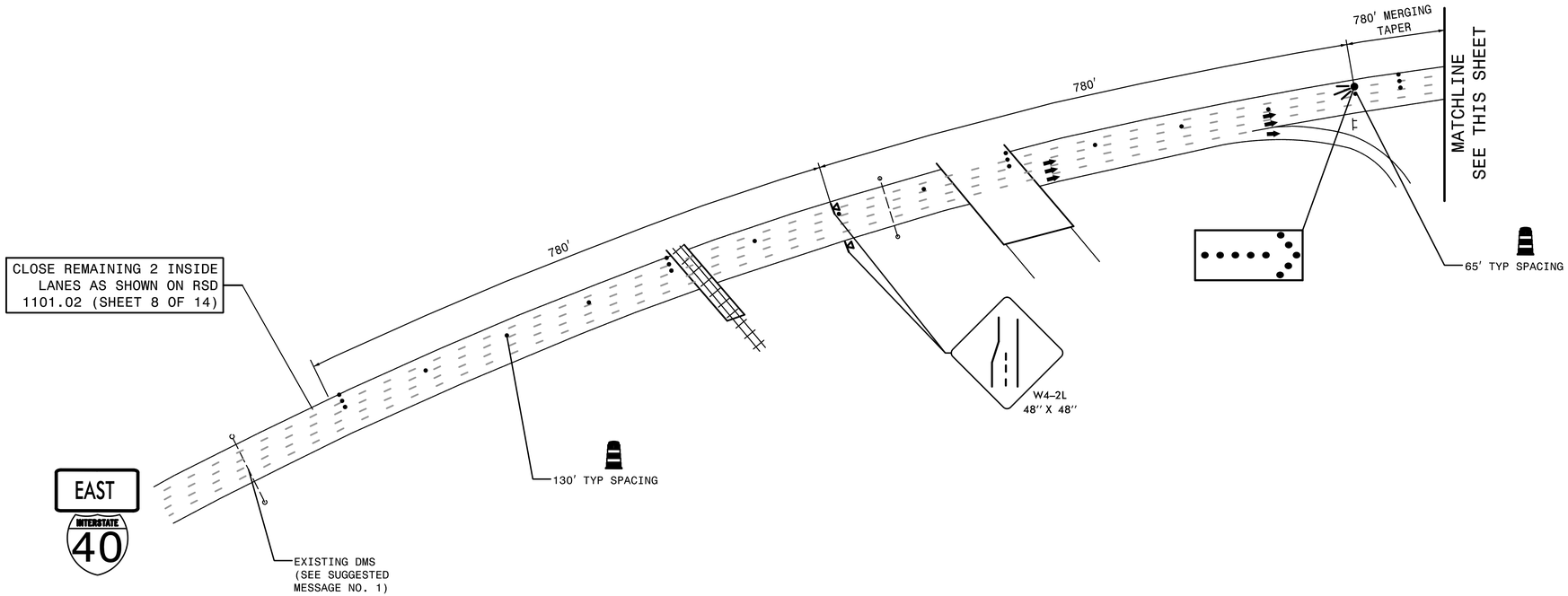
PACKAGE 3 SIGN STRUCTURE 3-JJ

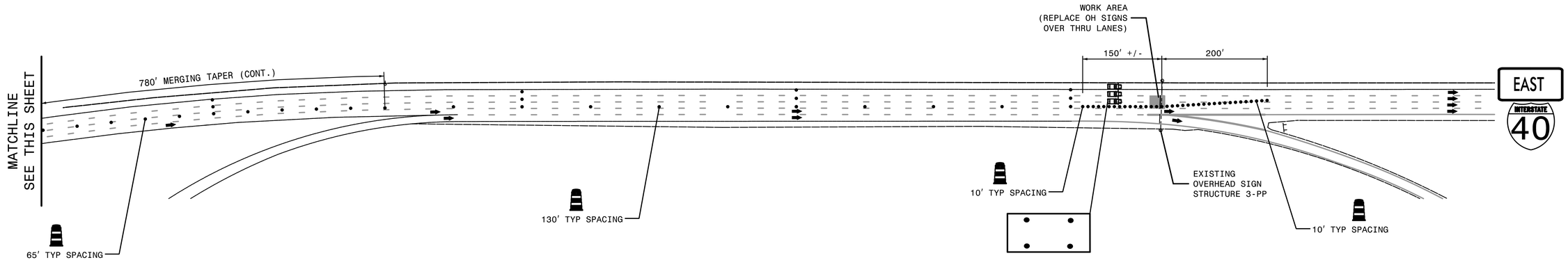
DocuSign Envelope ID: 759449F5-4DAC-4F9E-9E9C-A0E7E9F6E856

EXISTING DMS

MESSAGE NO. 1
WORK ZONE AHEAD SLOW DOWN

DYNAMIC MESSAGE SIGN





LEGEND

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- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

SHEET NO.
TMP-7D

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SEAL

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PACKAGE 3
SIGN STRUCTURE 3-PP

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TMP-8A

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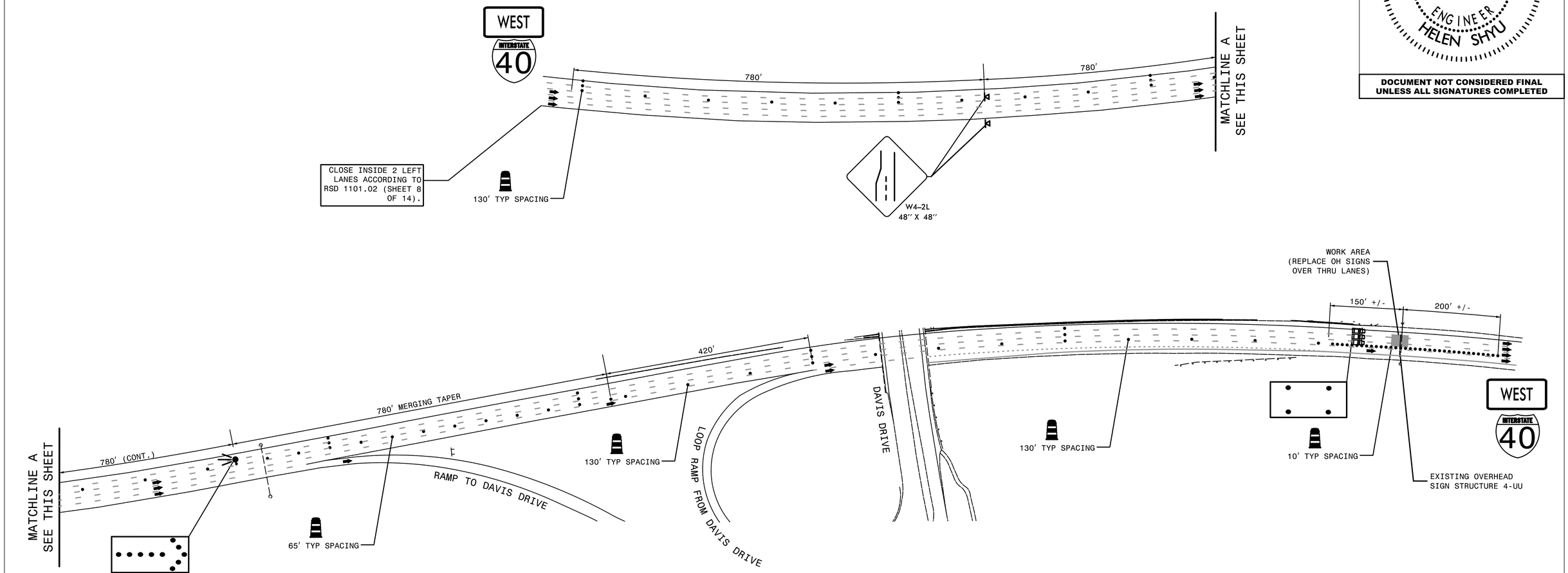

LEGEND

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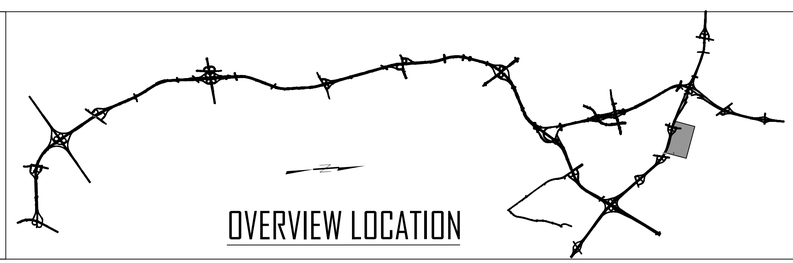
- EXISTING CANTILEVER STRUCTURE
- PROPOSED GROUND MOUNTED SIGNS
- EXISTING GROUND MOUNTED SIGNS



OVERVIEW LOCATION

SCALE: NTS

NORTH CAROLINA Turnpike Authority

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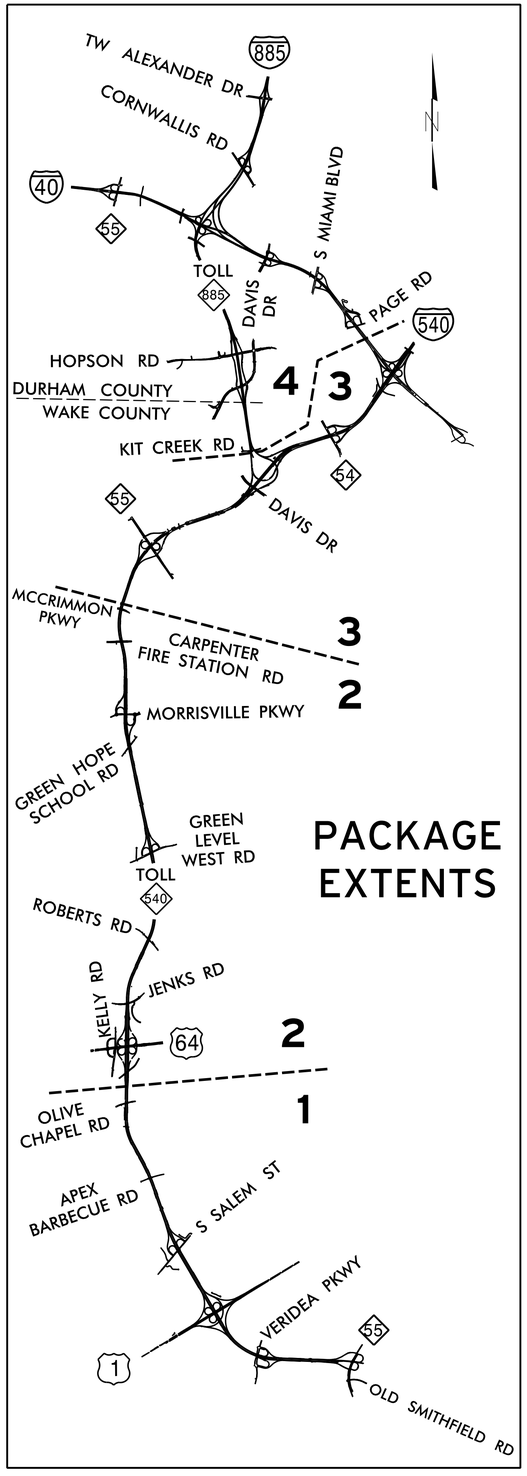
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

TRIANGLE EXPRESSWAY APPROACH SIGNING

PACKAGE 4 SIGN STRUCTURE 4-UU

DocuSign Envelope ID: 45AD5FA5-BBC2-4303-9C28-210251A8574B

CONTRACT: DE00325



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

NORTH CAROLINA Turnpike Authority

TIP NO.	SHEET NO.
DE00325	SIGN-A

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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TRIANGLE EXPRESSWAY SIGN REPLACEMENT SIGNING PLANS

WAKE & DURHAM COUNTIES

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS DATED PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS - SHEET 2 OF 2 (SEE SIGN-C FOR SHEET 1 OF 2)
901.20	TYPE 'B' SIGNS (SEE SIGN-D)
901.50	ARROWS AND SHIELDS
901.60	RIVET SPACING FOR OVERLAYED SIGNS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
903.30	BARRIER SIGN SUPPORT ASSEMBLY
903.40	MEDIAN BARRIER SIGN SUPPORT AND ANCHORAGE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

. SIGNS FURNISHED BY STATE.

. CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.

. WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.

. THE BACKGROUND FOR TYPE 'E' SIGNS AND ROUTE MARKERS SHALL BE GRADE C REFLECTIVE SHEETING.

. DO NOT BEGIN FABRICATION FOR TYPE 'A' & 'B' SIGNS MOUNTED ON STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.

. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17', SEE OVERHEAD SIGN STRUCTURE SHEETS FOR SPECIFIC REQUIREMENTS.

. REMOVAL AND DISPOSAL OF SIGN HANGERS AND ATTACHMENT HARDWARE FOR SIGN ATTACHMENT IS INCIDENTAL TO DISPOSAL OF SIGN.

. CLEARING MAY BE REQUIRED FOR SIGHT DISTANCE. IF NEEDED, CLEAR VEGETATION ACCORDING TO SECTION 903-3 OF THE SPECIFICATIONS. CLEARING IS INCIDENTAL TO SIGN SUPPORTS.

PROJECT NOTES

A CUT AND DISPOSE OF EXCESS VERTICAL STEEL SIGN HANGERS ABOVE PROPOSED SIGN(S) (SEE PAY ITEM NOTE 21). SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076-6 FOR REPAIR OF GALVANIZING.

B ERECT PROPOSED BOTTOM OF SIGN AT HINGE FOR BREAKAWAY SUPPORTS OR AT 7' VERTICAL CLEARANCE FOR SIMPLE SUPPORTS. CUT AND DISPOSE OF SUPPORTS ABOVE TOP OF PROPOSED PANEL (SEE PAY ITEM NOTE 11). SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076-6 FOR REPAIR OF GALVANIZING.

C REMOVE AND DISPOSE OF EXISTING U-CHANNEL CROSS-BRACING (SEE PAY ITEM NOTE 14). INSTALL NEW U-CHANNEL CROSS-BRACING PER RSD 904.50 (WORK IS INCIDENTAL TO PAY ITEM NOTE 1).

PAY ITEM NOTES

1	SIGN ERECTION, TYPE D
2	SIGN ERECTION, TYPE E
3	SIGN ERECTION, TYPE F
4	SIGN ERECTION, TYPE A (OVERHEAD)
5	SIGN ERECTION, TYPE B (OVERHEAD)
6	SIGN ERECTION, TYPE A (GROUND MOUNTED)
7	SIGN ERECTION, TYPE B (GROUND MOUNTED)
8	SIGN ERECTION, MILEMARKERS
9	SIGN ERECTION, OVERLAY (OVERHEAD)
10	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
11	DISPOSAL OF SUPPORT, STEEL BEAM
12	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
13	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
14	DISPOSAL OF SUPPORT, U-CHANNEL
15	DISPOSAL OF SIGN, A OR B (OVERHEAD)
16	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
17	DISPOSAL OF SIGN, D,E OR F
18	DISPOSAL OF SIGN, MILEMARKER
19	SUPPORTS, BARRIER (SMALL)
20	SIGNS, COVERING
21	CUTTING OF SIGN HANGERS, OVERHEAD
22	SIGN ERECTION, TOLL ROUTE MARKER ASSEMBLY

INDEX

SHEET NO.	DESCRIPTION
SIGN-A	TITLE SHEET
SIGN-B	QUANTITIES AND LEGEND
SIGN-C THRU D	REVISED ROADWAY STANDARD DRAWINGS
SIGN-E THRU I	NCTA STANDARDS
SIGN-J THRU K	TYPE E SIGNS
SIGN-L THRU P	MILEMARKER SIGNS
SIGN-1-1 THRU 1-22	PACKAGE 1
SIGN-2-1 THRU 2-21	PACKAGE 2
SIGN-3-1 THRU 3-21	PACKAGE 3
SIGN-4-1 THRU 4-16	PACKAGE 4
TMP-1 THRU TMP-8A	TRAFFIC CONTROL PLANS

PLAN PREPARED BY :

HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

A.D. KLINKSIEK, PE, PTOE — *SIGNING PROJECT MANAGER*
J.A. WAGNER, PE — *SIGNING DESIGN ENGINEER*
N.K. VLANICH, EI — *SIGNING DESIGN ENGINEER*
T.R. TERRELL — *SIGNING SENIOR DESIGN TECHNICIAN*

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TIP NO.	SHEET NO.
DE00325	SIGN-B

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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SUMMARY OF SIGNING QUANTITIES

ITEM NO. DESC. NO.	ITEM NO. SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	27	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	25152	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1128	LF.
4079000000	903	SUPPORTS, BARRIER (SMALL)	1	EA.
4096000000	904	SIGN ERECTION, TYPE D	32	EA.
4102000000	904	SIGN ERECTION, TYPE E	557	EA.
4108000000	904	SIGN ERECTION, TYPE F	38	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	158	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	64	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	153	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	14	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	286	EA.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)	6	EA.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	26	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	6	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	39	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	120	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	18	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	213	EA.
4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	126	EA.
4238000000	907	DISPOSAL OF SIGN D,E OR F	491	EA.
4238500000	907	DISPOSAL OF SIGN, MILEMARKER	280	EA.
4360000000	SP	SIGNS, COVERING	30	EA.
4360000000	SP	CUTTING OF SIGN HANGERS, OVERHEAD	15	EA.
4360000000	SP	SIGN ERECTION, TOLL ROUTE MARKER ASSEMBLY	54	EA.

LEGEND

(#-XXX) # - PACKAGE NUMBER
XXX - SIGN NUMBER

(1-XX) SIGN NO. FOR PROPOSED TYPE "A"/"B" OVERHEAD PANEL
SEE PAY ITEM NOTES 4,5,15

(1-1XX) SIGN NO. FOR PROPOSED TYPE "A"/"B" PANEL MOUNTED ON NEW STEEL SUPPORTS
SEE PAY ITEM NOTES 6,7

(1-2XX) SIGN NO. FOR PROPOSED EXIT GORE PANEL
SEE PAY ITEM NOTE 6

(1-3XX) SIGN NO. FOR PROPOSED TYPE "D" PANEL ON U-CHANNEL
SEE PAY ITEM NOTES 1,17

(4XX) SIGN NO. FOR PROPOSED TYPE "E" PANEL ON U-CHANNEL
SEE PAY ITEM NOTES 2,17

(1-5XX) SIGN NO. FOR PROPOSED TYPE "F" PANEL ON U-CHANNEL
SEE PAY ITEM NOTES 3,17

(1-6XX) SIGN NO. FOR PROPOSED PANEL OVERLAY
SEE PAY ITEM NOTES 9,10

(1-7XX) SIGN NO. FOR PROPOSED PANEL ON EXISTING SUPPORTS
SEE PAY ITEM NOTES 6,7,16

(1-8XX) SIGN NO. FOR PROPOSED TOLL ROUTE MARKER ASSEMBLY ON EXISTING STEEL SUPPORTS
SEE PAY ITEM NOTE 22

EXISTING SUPPORT (1 SUPPORT)

EXISTING SUPPORTS (2 SUPPORTS)

EXISTING SUPPORTS (3 SUPPORTS)

PROPOSED SUPPORT (1 SUPPORT)

PROPOSED SUPPORTS (2 SUPPORTS)

PROPOSED SUPPORTS (3 SUPPORTS)

TOLL GANTRY

EXISTING OVERHEAD SIGN ASSEMBLY (SPAN)

EXISTING OVERHEAD SIGN ASSEMBLY (CANTILEVER)

EXISTING SIGN TO BE RETAINED

EXISTING SIGN SYSTEM TO BE REMOVED

PROPOSED SIGN (X-XXX)

PROPOSED SIGN SYSTEM WITH NEW SUPPORTS (X-XXX)

REMOVE EXISTING SIGN AND ERECT NEW SIGN ON EXISTING SUPPORTS (X-XXX)

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NORTH CAROLINA Turnpike Authority

QUANTITIES AND LEGEND

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TIP NO.	SHEET NO.

APPROVED: DocuSigned by: Matthew V. Springer 3/17/2019 BC60F6E8B584403...

DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 042546 ENGINEER MATTHEW V. SPRINGER

TIP NO.	SHEET NO.
DE00325	SIGN-C

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

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STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR

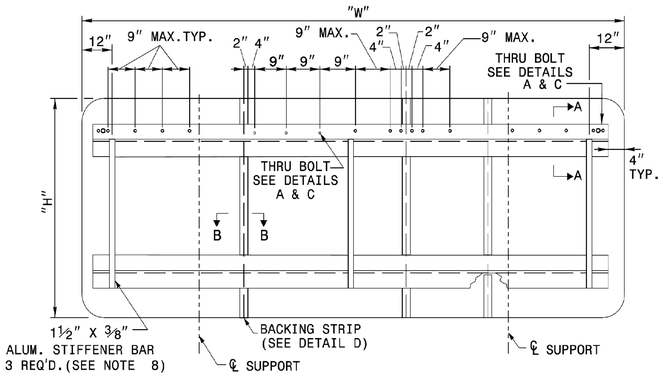
TYPE 'A' SIGNS

WELDED STUD CONSTRUCTION

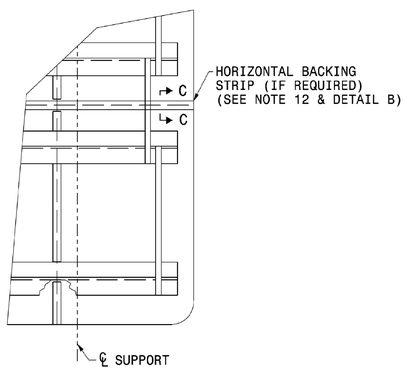
SHEET 1 OF 2

901D10

TYPICAL STUD PLACEMENT



HORIZONTAL BACKING STRIP



NOTES:

1. USE THE NUMBER AND SIZE OF SUPPORTS SHOWN ON THE SUPPORT CHART IN PROJECT PLANS.
2. FABRICATE SIGN PANEL SECTIONS WITH SHEETS 4′-0″ WIDE. WHEN FABRICATING SIGNS WHICH ARE NOT MULTIPLES OF 4′-0″ IN WIDTH, DO NOT CUT MORE THAN TWO SHEETS TO LESS THAN 4′-0″ IN WIDTH. THESE PANELS SHALL NOT BE LESS THAN 1′-0″ IN WIDTH.
3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORTS.
4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
5. SEE ROADWAY STANDARD 904.20 WHEN TYPE "B" SECONDARY SIGN MOUNTING IS REQUIRED.
6. DETAILS FOR TYPE "A" SECONDARY SIGNS SHALL BE THE SAME AS FOR TYPE "A" SIGNS.
7. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
8. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
9. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
10. FABRICATE SIGNS TALLER THAN 12′-0″ AS TWO SEPARATE SIGNS WITH A HORIZONTAL SPLICE. LOCATE STRINGERS ON EACH SECTION OF THE SIGN BY THE SIGN STRINGER CHART. (SEE ROADWAY STANDARD 901.70)
11. FABRICATE SIGNS TALLER THAN 12′-0″ BUT SHORTER THAN 14′-6″ WITH A HORIZONTAL SPLICE LOCATED 7′-0″ FROM BOTTOM OF SIGN.
12. FABRICATE SIGNS 14′-6″ TALL AND TALLER WITH A HORIZONTAL SPLICE. LOCATE THE SPLICE AT LEAST HALF OF THE SIGN HEIGHT FROM THE BOTTOM AND AT LEAST 7′-0″ FROM THE TOP.
13. THERE SHALL ONLY BE A ⅛″ GAP BETWEEN THE VERTICAL BACKING STRIP AND THE "Z" BAR.
14. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
15. PLACE NYLON WASHER UNDER HEAD OF ⅜″ THRU BOLTS.
16. FABRICATE EACH SIGN WITH ⅜″ DIA. THRU BOLT, 4″ FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. SEE DETAILS A & C.
17. FABRICATE EACH SIGN WITH ⅜″ DIA.THRU BOLT CENTERED IN EACH PANEL THRU THE TOP AND BOTTOM "Z" BAR. CENTERED THRU BOLT REQUIRED IN END PANELS GREATER THAN 2′-0″ WIDE. SEE DETAILS A & C.
18. THRU BOLTS WILL HAVE A MINIMUM 1/16″ TO MAXIMUM ⅛″ GAP

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ENGLISH DETAIL DRAWING FOR

TYPE 'A' SIGNS

WELDED STUD CONSTRUCTION

SHEET 1 OF 2

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REVISED SIGNING ROADWAY STANDARD DRAWING

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REVISED NCDOT STANDARD DRAWING - TYPE 'A' SIGNS SHEET 1 OF 2

03/27/18
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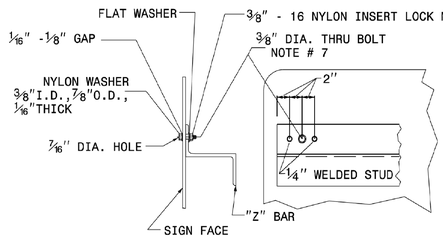
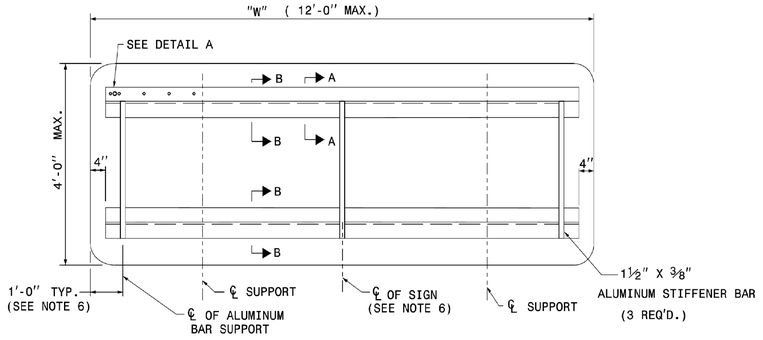
ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION

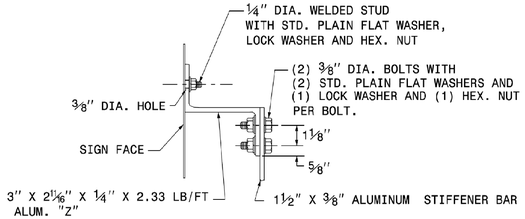
SHEET 1 OF 1

901D20

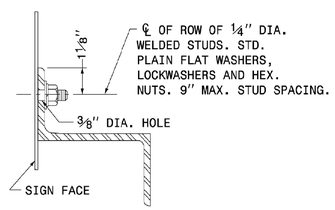


DETAIL "A"





SECTION A-A
STIFFENER DETAIL



SECTION B-B

NOTES:

1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES AND SUPPORTS.
3. FURNISH ALL MOUNTING HARDWARE.
4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
6. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
7. FABRICATE EACH SIGN WITH A 3/8" DIA. BOLT 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR.
8. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
9. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
10. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLT.
11. THRU BOLTS WILL HAVE A MINIMUM 1/16" TO MAXIMUM 1/8" GAP.

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ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 1

901D20

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REVISED NCDOT STANDARD DRAWING - TYPE 'B' SIGNS

03/20/19
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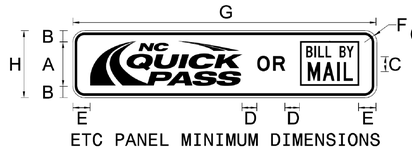
5-21

ENGLISH STANDARD DRAWING FOR
TOLL SIGNING DETAILS
ETC PANEL AND TOLL PLAQUE



ETC PANEL MINIMUM DIMENSIONS

SIGN MAJOR COPY	H	A	B	C	D	E	F	G	BORDER	INSET
20″	54″	36″	9″	15″E	15″	15″	6″	264″	1.25″	0.75″
16″ OR 15″	42″	30″	6″	12″E	12″	12″	6″	216″	1.25″	0.75″
13.33″	36″	24″	6″	10″E	10″	10″	6″	174″	1.25″	0.75″
10.67″ OR 10″	30″	18″	6″	8″E	8″	8″	3″	132″	0.75″	0.50″
8″	18″	12″	3″	6″E	6″	6″	3″	96″	0.75″	0.50″

BACKG COLOR: WHITE
COPY & BORDER COLOR: BLACK

NOTE: ETC PANEL WIDTH SHALL MATCH MAJOR PANEL WIDTH.

MINIMUM ETC LOGO SIZES		
SIGN MAJOR COPY	NC QUICK PASS	BILL BY MAIL
20″	122.8″ x 36″	48″ x 36″
16″ OR 15″	102.3″ x 30″	40″ x 30″
13.33″	81.9″ x 24″	32″ x 24″
10.67″ OR 10″	51.2″ x 15″	24″ x 18″
8″	40.9″ x 12″	20″ x 15″
6″	34.1″ x 10″	13.33″ x 10″
ROUTE SIGN ASSEMBLY	30.7″ x 9″	16″ x 12″
CSC TRAILBLAZER	27.3″ x 8″	13.3″ x 10″
TRAILBLAZER (24″)	20.5″ x 6″	10.7″ x 8″



ROUTE SIGN ASSEMBLY
ETC PANEL DIMENSIONS

A	B	C	D	E	F	BORDER	INSET
36″	2.25″	2.75″	9″	4″ D	12″	0.875″	0.625″

TOLL

"TOLL" PLAQUE SIZES

ROUTE SIGN SIZE	SIZE	COPY
48″	72″ x 30″	15″E
36″	54″ x 24″	12″E
24″	36″ x 18″	8″E
12″	24″ x 12″	5″E
ROUTE SIGN ASSEMBLY	36″ x 18″ (M4-15)	8″D

BACKG COLOR: YELLOW
COPY & BORDER COLOR: BLACK

NO TOLL

"NO TOLL" PLAQUE SIZES

ROUTE SIGN SIZE	SIZE	COPY
48″	102″ x 30″	15″E
36″	84″ x 24″	12″E
24″	60″ x 18″	8″E

BACKG COLOR: WHITE
COPY COLOR: BLACK

MISC. SIGN DATA	
SIGN	MINIMUM
EXIT GORE "TOLL" PANEL COPY	12″E
"TOLL ROAD BEGINS" SIGN COPY	15″EMOD

NOTES:
1. ALL SIGNS OR SECTIONS OF SIGNS WITH WHITE OR YELLOW BACKGROUND SHALL HAVE AN INSET BORDER.
2. "TOLL" AND "NO TOLL" PLAQUES MOUNTED ON GREEN OR BLUE SIGNS SHALL NOT HAVE BORDERS.
3. MINIMUM SIZES ARE AS SHOWN UNLESS OTHERWISE SPECIFICALLY STATED IN NCTA, NCDOT OR FHWA STANDARDS. IN SUCH CASES, THE LARGEST MINIMUM SHALL APPLY.
4. PLAQUES AND ETC LOGOS SHALL BE DEMOUNTABLE EXCEPT FOR ROUTE SIGN AND TRAILBLAZER ASSEMBLIES.

STATE OF NORTH CAROLINA
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ENGLISH STANDARD DRAWING FOR
TOLL SIGNING DETAILS
ETC PANEL AND TOLL PLAQUE

SHEET 3 OF 24

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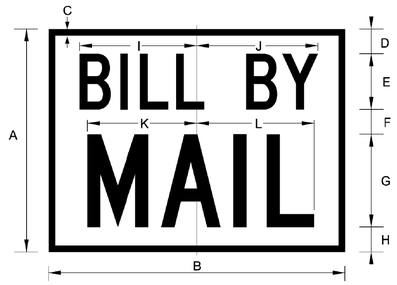
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR

TOLL SIGNING DETAILS

ETC LOGOS



BILL BY MAIL LOGO DIMENSIONS (INCHES)

A	B	C	D	E	F	G	H	I	J	K	L
36	48	1.25	4	9 C	4	15 C	4	19	19.61	17.75	19
30	40	0.875	3.3	7.5 C	3.4	12.5 C	3.3	15.833	16.33	14.791	15.833
24	32	0.75	2.6	6 C	2.8	10 C	2.6	12.667	13.074	11.833	12.667
18	24	0.625	2	4.5 C	2	7.5 C	2	9.512	9.817	8.875	9.5
15	20	0.5	1.7	4 C	1.6	6 C	1.7	8.488	8.672	7.056	7.644
12	16	0.375	1.3	3 C	1.4	5 C	1.3	6.333	6.537	5.917	6.333
10	13.33	0.375	1.2	2.5 C	1.1	4 C	1.2	5.294	5.455	4.708	5.093
8	10.67	0.375	0.8	2 C	0.9	3.5 C	0.8	4.224	4.356	4.174	4.402

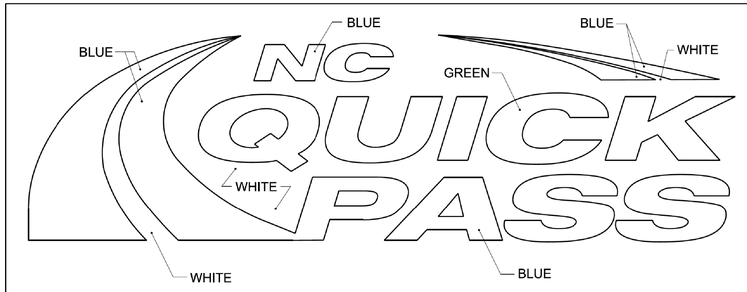
BACKG COLOR: WHITE
COPY & BORDER COLOR: BLACK
SPACING BETWEEN "BILL" AND "BY" IS 0.75 TIMES LETTER HEIGHT

"BILL BY MAIL" LOGOS MOUNTED ON BLUE OR GREEN SIGNS SHALL HAVE AN INSET BORDER. SEE DETAIL BELOW.

BILL BY MAIL ON BLUE OR GREEN SIGNS
INSET BORDER DETAIL (INCHES)

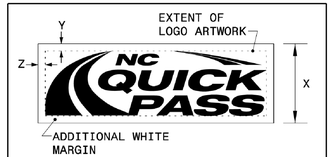
A*	B*	M	N
18	24	0.375	0.625
15	20	0.25	0.5
12	16	0.25	0.5
10	13.33	0.125	0.375
8	10.67	0.125	0.375

* SEE TABLE ABOVE



NC QUICK PASS LOGO DETAIL

NOTES:
A. COLORS FOR USE ON THE NC QUICK PASS LOGO SHALL BE FHWA BLUE AND FHWA GREEN
B. THE NC QUICK PASS LOGO SHALL BE SCALED PROPORTIONALLY TO MEET REQUIRED DIMENSIONS SHOWN IN THE TOLL SIGNING STANDARDS.
C. NCTA WILL PROVIDE AN ELECTRONIC ARTWORK FILE OF THE NC QUICK PASS LOGO IN AN EPS FORMAT FOR PANEL FABRICATION.
D. DO NOT USE BORDER FOR NC QUICK PASS LOGO.
E. SEE DETAIL BELOW FOR ADDITIONAL WHITE MARGIN REQUIRED FOR BLUE OR GREEN SIGNS.



NC QUICK PASS ON BLUE OR GREEN SIGNS
ADDITIONAL WHITE MARGIN DETAIL (INCHES)

X	Y	Z
18"	1.5"	1.5"
15"	1.0"	1.0"
10"	0.5"	0.5"
6.5"	0.25"	0.25"

NOTE:
1. ETC LOGOS SHALL BE DEMOUNTABLE EXCEPT FOR ROUTE SIGN AND TRAILBLAZER ASSEMBLIES.

05-18

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ENGLISH STANDARD DRAWING FOR

TOLL SIGNING DETAILS

ETC LOGOS

SHEET 4 OF 24

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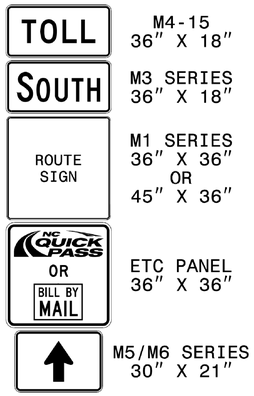
ENGLISH STANDARD DRAWING FOR
TOLL SIGNING DETAILS
TOLL FACILITY ROUTE SIGN ASSEMBLIES

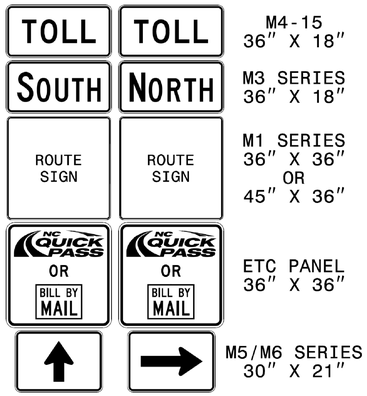
JUNCTION ASSEMBLY



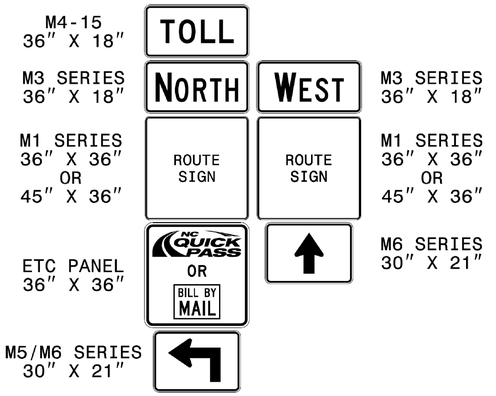
SINGLE ASSEMBLY

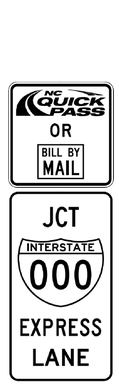


DOUBLE ASSEMBLY

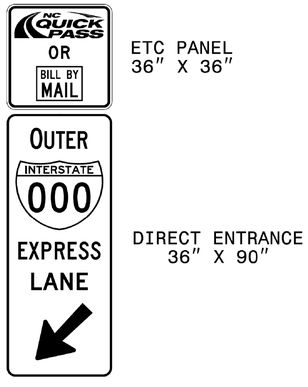


DOUBLE ASSEMBLY
(ONE ASSEMBLY NON-TOLL)









NOTES:
1. MINIMUM SIZES ARE AS SHOWN UNLESS OTHERWISE SPECIFICALLY STATED IN NCTA, NCDOT OR FHWA STANDARDS. IN SUCH CASES, THE LARGEST MINIMUM SHALL APPLY.
2. ANY REQUIRED AUXILIARY SIGNS NOT SHOWN (M4 SERIES) SHALL BE DESIGNED IN ACCORDANCE WITH THE "OVERSIZED" COLUMN OF MUTCD TABLE 2D-1.
3. SEE TOLL SIGNING DETAILS (SHEET 7 OF 24) - TOLL FACILITY ROUTE SIGN ASSEMBLIES MOUNTING METHOD.

05-18

STATE OF
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ENGLISH STANDARD DRAWING FOR
TOLL SIGNING DETAILS
TOLL FACILITY ROUTE SIGN ASSEMBLIES

SHEET 6 OF 24

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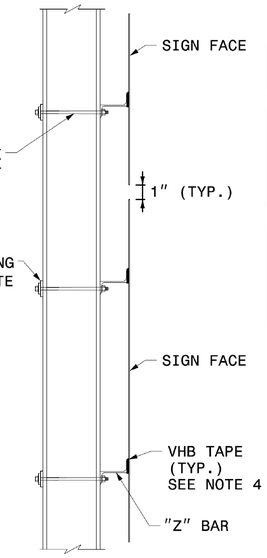
ENGLISH STANDARD DRAWING FOR

TOLL SIGNING DETAILS

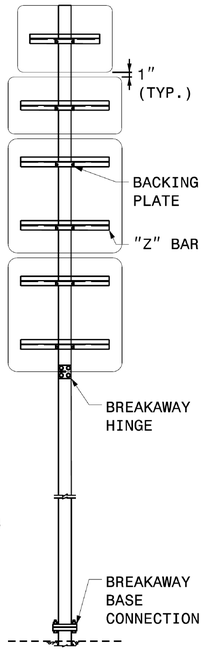
TOLL FACILITY ROUTE SIGN ASSEMBLIES

MOUNTING METHOD

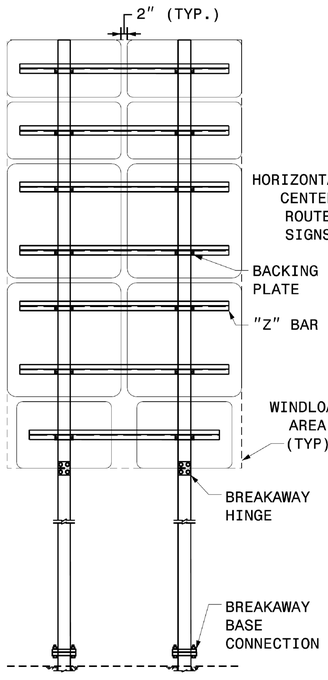
SIDE VIEW (TYP.)



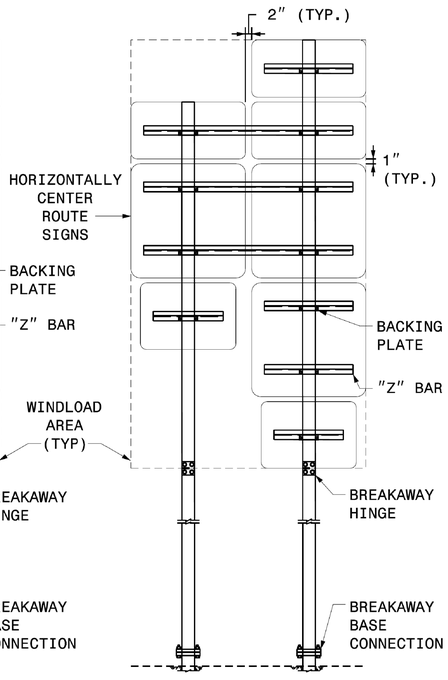
JUNCTION OR SINGLE ASSEMBLY



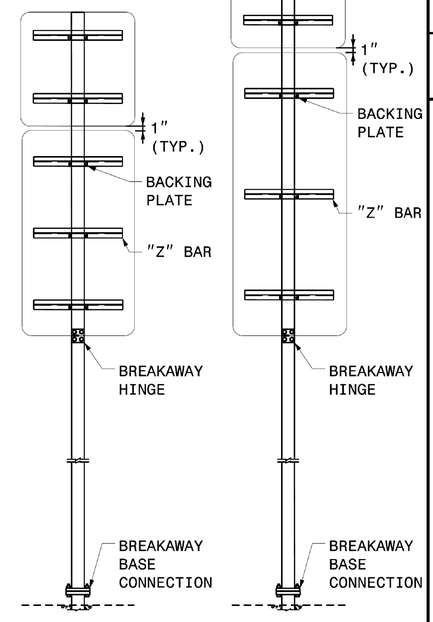
DOUBLE ASSEMBLY



DOUBLE ASSEMBLY (ONE ASSEMBLY NON-TOLL)



EXPRESS LANE DIRECT ENTRANCE ASSEMBLIES



NOTES:
1. SUPPORTS SHALL BE BREAKAWAY STEEL BEAMS.
2. VERTICAL CLEARANCE SHALL BE 7' FROM EDGE OF TRAVEL; HOWEVER, IF THE GROUND ELEVATION IS ABOVE THE EDGE OF TRAVEL, THE VERTICAL CLEARANCE SHALL BE 7' FROM THE GROUND.
3. REFER TO 2009 MUTCD FIGURE 2A-2 FOR LATERAL CLEARANCE REQUIREMENTS.
4. ALL SIGN PANELS SHALL BE AFFIXED TO "Z" BARS WITH VHB TAPE (SEE TOLL SIGNING DETAILS (SHEET 8 OF 24) - TOLL FACILITY ROUTE SIGN ASSEMBLIES SIGN STRINGER ATTACHMENT DETAILS).
5. SUPPORTS SHALL BE DESIGNED WITH LATEST NCDOT SUPPORT DESIGN PROGRAM.
6. DOUBLE ASSEMBLIES SHALL BE DESIGNED WITH TWO STEEL BEAM SUPPORTS.
7. TYPE D SIGNS SHALL NOT BE MOUNTED ON SAME SUPPORTS AS NCTA ROUTE SIGN ASSEMBLIES.

SHEET 7 OF 24

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

05-18

ENGLISH STANDARD DRAWING FOR
TOLL SIGNING DETAILS
TOLL FACILITY ROUTE SIGN ASSEMBLIES
MOUNTING METHOD

SHEET 7 OF 24

HNTB NORTH CAROLINA, P.C.
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NORTH CAROLINA Turnpike Authority

NCTA STANDARDS

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TIP NO.	SHEET NO.
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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05-18

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR

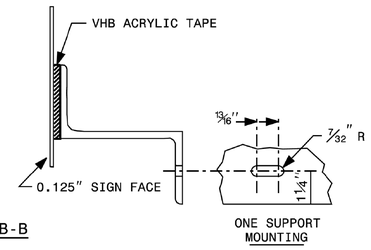
TOLL SIGNING DETAILS

TOLL FACILITY ROUTE SIGN ASSEMBLIES

SIGN STRINGER ATTACHMENT DETAILS

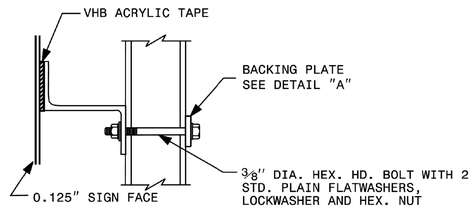
STRINGER SIZE

ALUM.- Z 3″ x 2 11/16″ x 1/4″ x 2.33 LB/FT



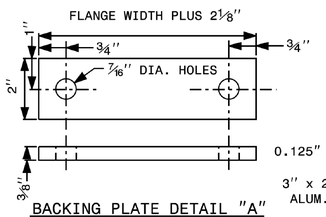
ONE SUPPORT MOUNTING

SECTION B-B



W-BEAM OR S-BEAM SUPPORT

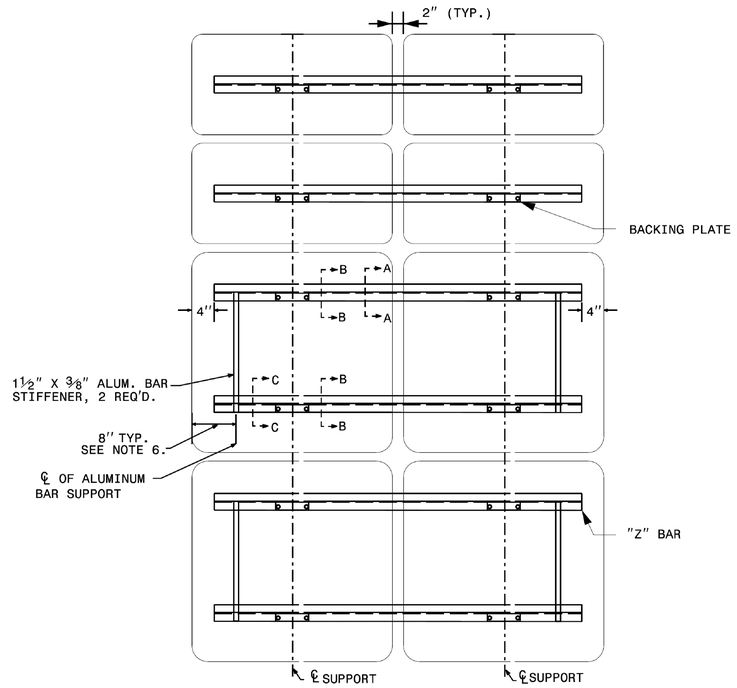
SECTION C-C



BACKING PLATE DETAIL "A"

SECTION A-A

STIFFENER DETAIL



1. USE NUMBER AND SIZE OF SUPPORTS AS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORT.
3. FURNISH ALL MOUNTING HARDWARE.
4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS ONE (1) INCH.
6. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
7. FABRICATE EACH SIGN WITH AN APPROVED VHB ACRYLIC TAPE WITH FULL FACE CONTACT BETWEEN "Z" BARS AND SIGN PANELS AND BETWEEN SPLICE PLATES AND SIGN PANELS.
8. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.

05-18

STATE OF NORTH CAROLINA
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR

TOLL SIGNING DETAILS

TOLL FACILITY ROUTE SIGN ASSEMBLIES

SIGN STRINGER ATTACHMENT DETAILS

SHEET 8 OF 24

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NCTA STANDARDS

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SEAL

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(401) QUANTITY REQ'D 10



48" X 48"
W1-13R

TWO "U" POSTS PER SIGN

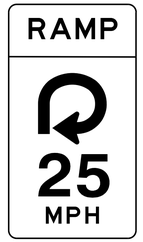
(402) QUANTITY REQ'D 26



30" X 30"
W13-1P

MOUNT BELOW SIGN 401
IN 10 INSTALLATIONS
MOUNT BELOW SIGN 404
IN 7 INSTALLATIONS
MOUNT BELOW SIGN 406
IN 9 INSTALLATIONS

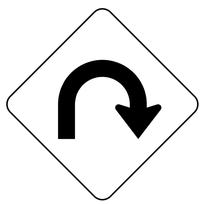
(403) QUANTITY REQ'D 10



36" X 60"
W13-7

TWO "U" POSTS PER SIGN

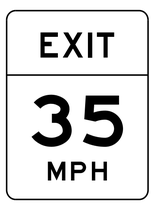
(404) QUANTITY REQ'D 7



48" X 48"
W1-11R

TWO "U" POSTS PER SIGN

(405) QUANTITY REQ'D 5



48" X 60"
W13-2

TWO "U" POSTS PER SIGN

(406) QUANTITY REQ'D 9



48" X 48"
W1-1R

TWO "U" POSTS PER SIGN

(407) QUANTITY REQ'D 23



48" X 48"
W4-1(R)

TWO "U" POSTS PER SIGN
BARRIER MOUNTED IN 1
INSTALLATION

(408) QUANTITY REQ'D 68

36" X 24"
R5-1a

ONE "U" POST PER SIGN
MOUNT BACK-TO-BACK WITH SIGN 407
IN 1 INSTALLATION
BARRIER MOUNTED IN 1
INSTALLATION

(409) QUANTITY REQ'D 41



30" X 24"
R5-11

ONE "U" POST PER SIGN

(410) QUANTITY REQ'D 39



54" X 18"
R6-1(R)

TWO "U" POSTS PER SIGN
MOUNTED BACK-TO-BACK WITH SIGN 438
IN 2 INSTALLATIONS
BARRIER MOUNTED IN 1
INSTALLATION

(411) NOT USED

(412) QUANTITY REQ'D 16



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

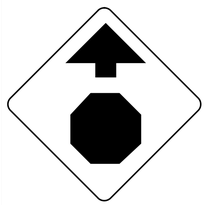
(413) QUANTITY REQ'D 5



48" X 48"
W9-2(R)

TWO "U" POSTS PER SIGN

(414) QUANTITY REQ'D 2



36" X 36"
W3-1

ONE "U" POST PER SIGN

(415) QUANTITY REQ'D 64



36" X 36"
R5-1

ONE "U" POST PER SIGN
BARRIER MOUNTED IN
1 INSTALLATION

(416) QUANTITY REQ'D 6



36" X 36"
R1-1

MOUNT BELOW SIGN 410 IN
1 INSTALLATION
ONE "U" POST PER SIGN

(417) QUANTITY REQ'D 20



24" X 30"
R4-7

MOUNT BACK-TO-BACK WITH
SIGN 416 IN 2 INSTALLATIONS
ONE "U" POST PER SIGN

(418) QUANTITY REQ'D 20

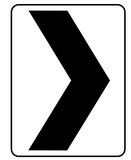


18" X 18"
OM1-3

MOUNT BELOW SIGN 417
IN 20 INSTALLATIONS

(419) NOT USED

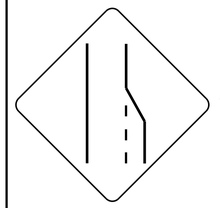
(420) QUANTITY REQ'D 85



36" X 48"
W1-8 (R)

INSTALL ON TWO "U" POSTS PER SIGN SPACED APPROX 24 INCHES APART
ON SUPPORT CENTERS
INSTALL 34 INCH HORIZONTAL CROSS BRACING LEAVING A 1 INCH MARGIN FROM
LEFT AND RIGHT EDGES OF SIGN
INSTALLATION HEIGHT: BOTTOM OF SIGN SHALL BE 4 FEET ABOVE THE EDGE OF
TRAVEL LANE ELEVATION (LEFT EDGELINE OF RAMP)
ALL OTHER PORTIONS OF ROADWAY STANDARD DRAWING 904.50 APPLY

(421) QUANTITY REQ'D 7



48" X 48"
W4-2(R)

TWO "U" POSTS PER SIGN

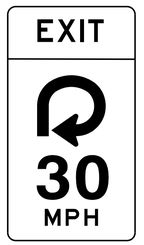
(422) QUANTITY REQ'D 2



48" X 48"
W9-1(L)

TWO "U" POSTS PER SIGN

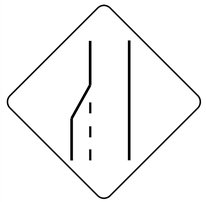
(423) QUANTITY REQ'D 9



36" X 60"
W13-6

TWO "U" POSTS PER SIGN

(424) QUANTITY REQ'D 2

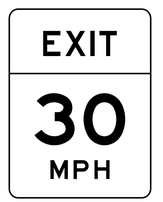


48" X 48"
W4-2(L)

TWO "U" POSTS PER SIGN

(425) NOT USED

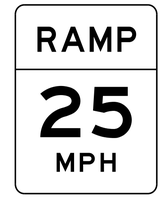
(426) QUANTITY REQ'D 3



48" X 60"
W13-2

TWO "U" POSTS PER SIGN

(427) QUANTITY REQ'D 4



48" X 60"
W13-3

TWO "U" POSTS PER SIGN

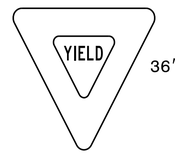
(428) QUANTITY REQ'D 2



48" X48"
W4-6R

TWO "U" POSTS PER SIGN

(429) QUANTITY REQ'D 3



36" X 36" X 36"
R1-2

ONE "U" POST PER SIGN

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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(430) QUANTITY REQ'D 1



24" X 30"
R2-1

TWO "U" POSTS PER SIGN

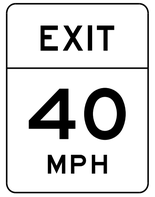
(435) QUANTITY REQ'D 2



36" X 36"
W11-2

ONE "U" POST PER SIGN

(440) QUANTITY REQ'D 1



48" X 60"
W13-2

TWO "U" POSTS PER SIGN

(445) QUANTITY REQ'D 1



36" X 48"
W13-3

TWO "U" POSTS PER SIGN

(449) QUANTITY REQ'D 2



36" X 36"
R3-7(L)

ONE "U" POST PER SIGN

(453) QUANTITY REQ'D 2



48" X 48"
R3-1

MOUNT BELOW SIGN 453
IN 1 INSTALLATION
TWO "U" POSTS PER SIGN

(431) NOT USED

(436) QUANTITY REQ'D 1



24" X 12"
W16-7P(L)

MOUNT BELOW SIGN 435
IN 1 INSTALLATION

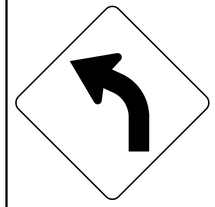
(441) QUANTITY REQ'D 1



48" X 48"
W1-15

TWO "U" POSTS PER SIGN

(446) QUANTITY REQ'D 4



48" X 48"
W1-2(L)

TWO "U" POSTS PER SIGN

(450) QUANTITY REQ'D 2



30" X 30"
R10-15

TWO "U" POSTS PER SIGN

(454) QUANTITY REQ'D 1



48" X 48"
R3-18

TWO "U" POSTS PER SIGN

(432) QUANTITY REQ'D 2



36" X 36"
R3-7(R)

ONE "U" POST PER SIGN

(437) QUANTITY REQ'D 1



24" X 12"
W16-7P(R)

MOUNT BELOW SIGN 435
IN 1 INSTALLATION

(442) QUANTITY REQ'D 1



30" X 30"
W13-1P

MOUNT BELOW SIGN 441
IN 1 INSTALLATION

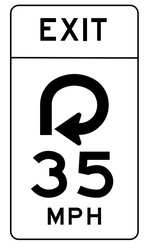
(447) QUANTITY REQ'D 2



30" X 30"
W13-1p

MOUNT BELOW SIGN 446
IN 2 INSTALLATIONS

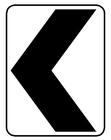
(451) QUANTITY REQ'D 2



36" X 60"
W13-6

TWO "U" POSTS PER SIGN

(455) QUANTITY REQ'D 23



24" X 36"
W1-8 (L)

ONE "U" POST PER SIGN
BARRIER MOUNTED IN 11 INSTALLATIONS

(433) NOT USED

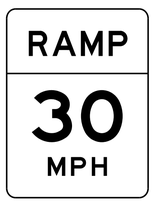
(438) QUANTITY REQ'D 4



54" X 18"
R6-1(L)

TWO "U" POSTS PER SIGN

(443) QUANTITY REQ'D 1



48" X 60"
W3-1

TWO "U" POSTS PER SIGN

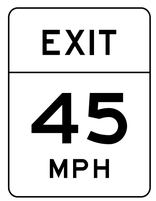
(448) QUANTITY REQ'D 2



30" X 30"
W13-1p

MOUNT BELOW SIGN 446
IN 2 INSTALLATIONS

(452) QUANTITY REQ'D 1

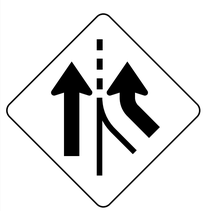


48" X 60"
W13-2

TWO "U" POSTS PER SIGN

(434) NOT USED

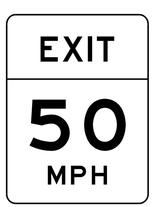
(439) QUANTITY REQ'D 11



48" X 48"
W4-3(R)

TWO "U" POSTS PER SIGN

(444) QUANTITY REQ'D 1



48" X 60"
W13-2

TWO "U" POSTS PER SIGN

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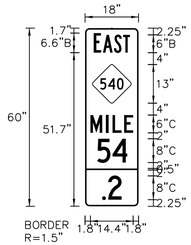
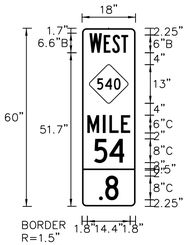


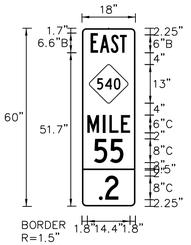
MOUNT ON EXISTING "U" POST

QUANTITY REQ'D 2



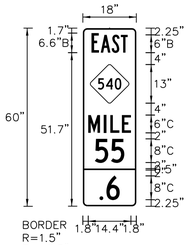
MOUNT ON EXISTING "U" POST

QUANTITY REQ'D 2



MOUNT ON EXISTING "U" POST

QUANTITY REQ'D 2



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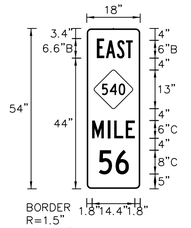

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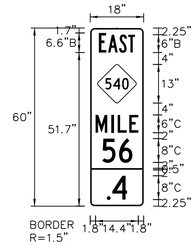


MOUNTED BACK-TO-BACK ON ONE "U" POST

TIP NO.	SHEET NO.
DE00325	SIGN-L

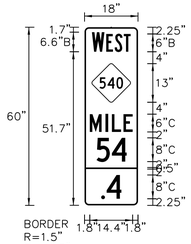
DocuSigned by:
APPROVED: Andrew D Klinksick
E3D78FB4596E44B...
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

QUANTITY REQ'D 2



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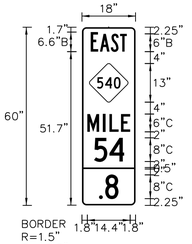

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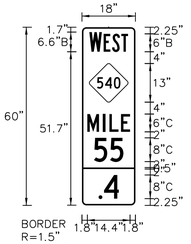

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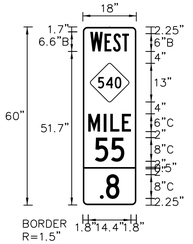

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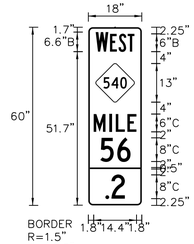

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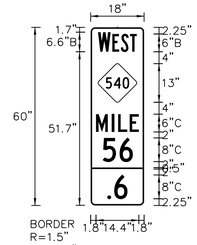

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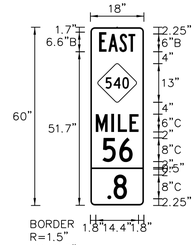

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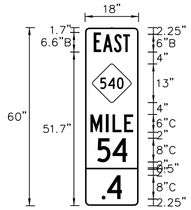

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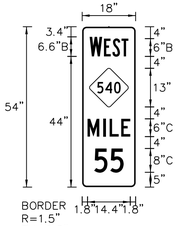

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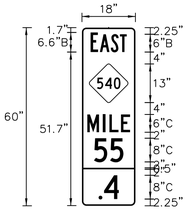

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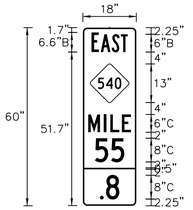

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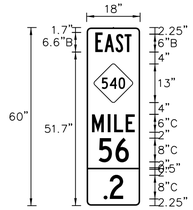

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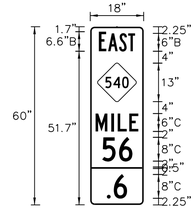

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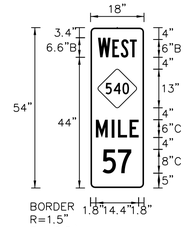

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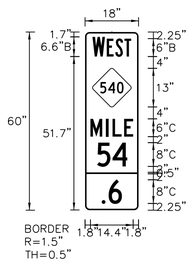

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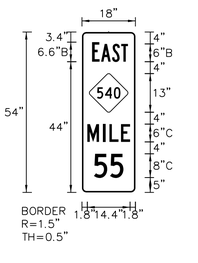

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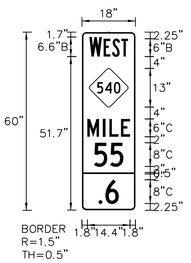

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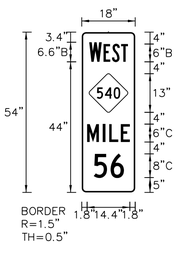

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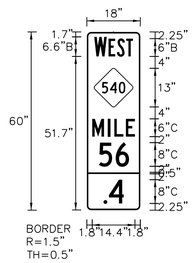

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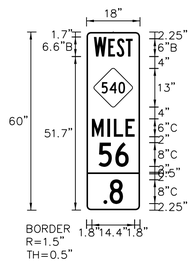

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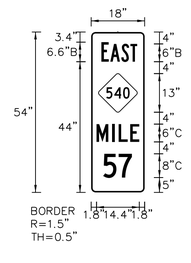

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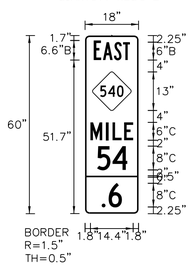

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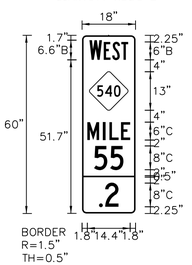

MOUNT ON EXISTING "U" POST

NOTE: HORIZONTALLY CENTER EACH LINE OF LEGEND

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

MILEMARKER SIGNS

DocuSign Envelope ID: 45AD5FA5-BBC2-4303-9C28-210251A8574B

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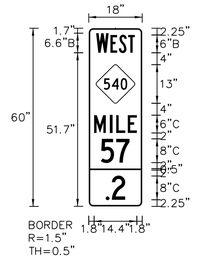

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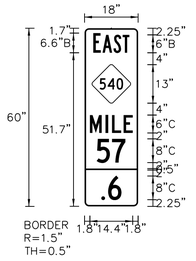

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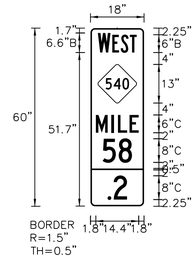

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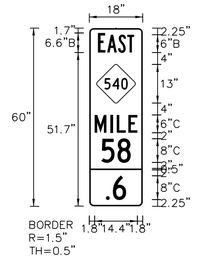

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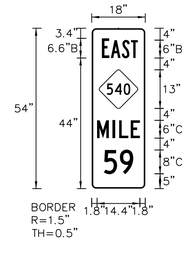

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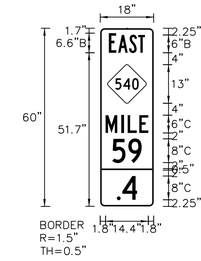

MOUNT ON EXISTING "U" POST

TIP NO.	SHEET NO.
DE00325	SIGN-M

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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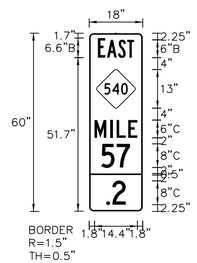

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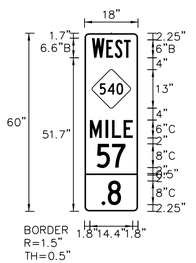

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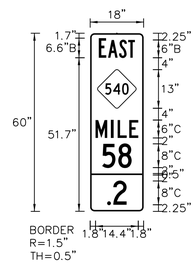

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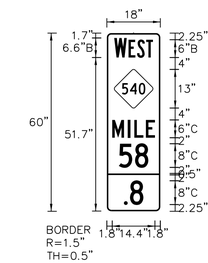

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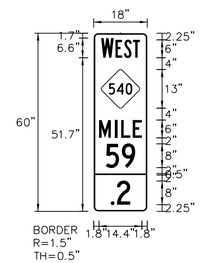

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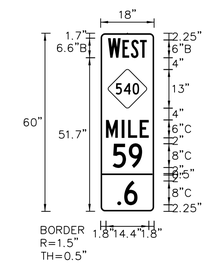

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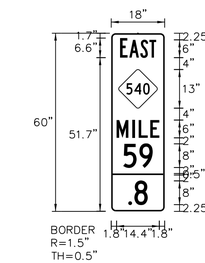

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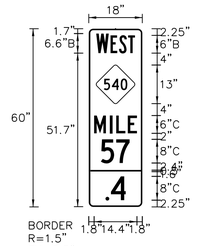

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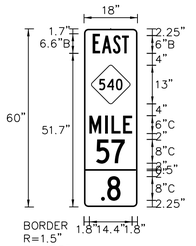

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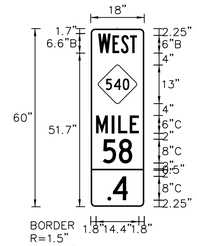

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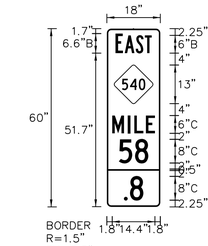

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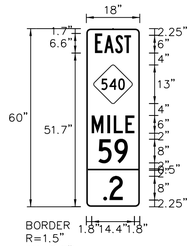

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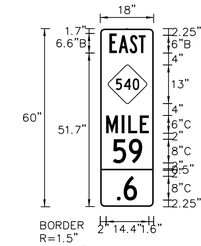

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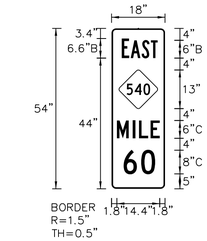

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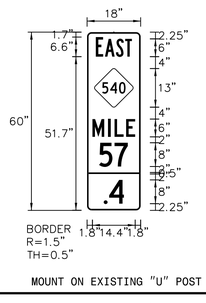

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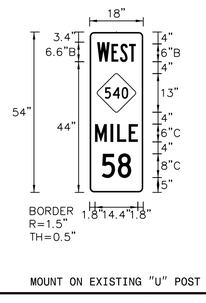

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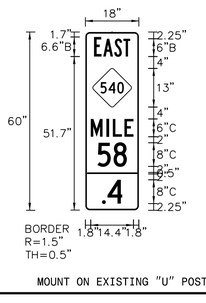

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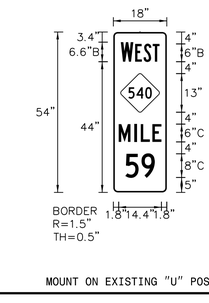

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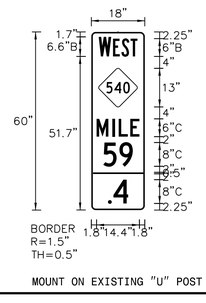

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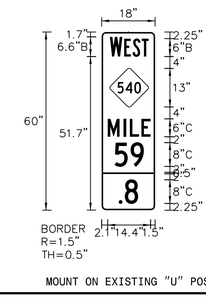

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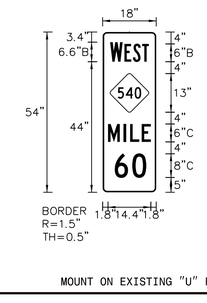

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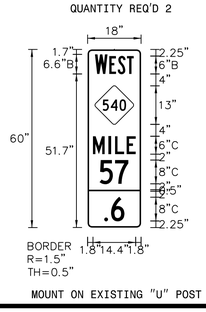

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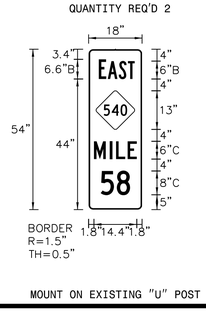

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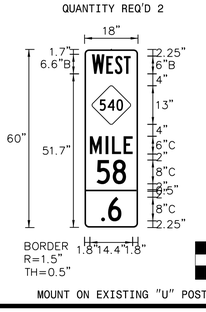

MOUNT ON EXISTING "U" POST

NOTE: HORIZONTALLY CENTER EACH LINE OF LEGEND

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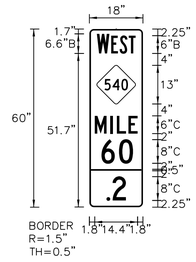

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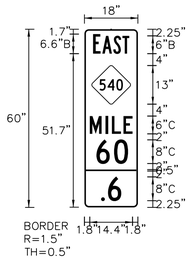

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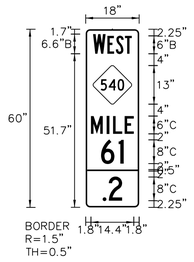

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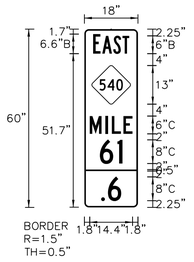

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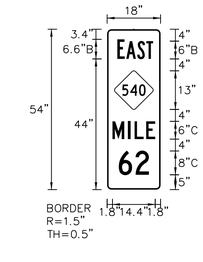

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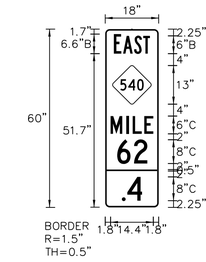

MOUNT ON EXISTING "U" POST

TIP NO.	SHEET NO.
DE00325	SIGN-N

DocuSigned by:
APPROVED: Andrew D Klinksiek
E3D78FB4596E44B...

DATE: 9/8/2021

SEAL



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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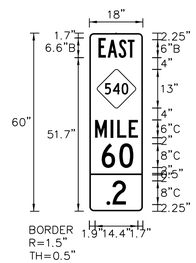

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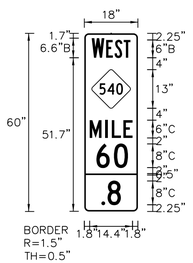

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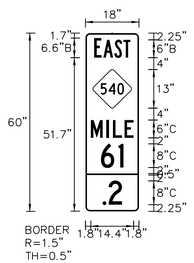

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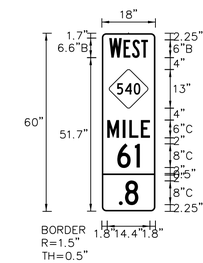

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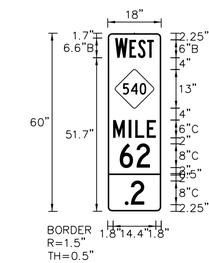

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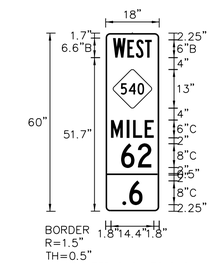

MOUNTED BACK-TO-BACK ON ONE "U" POST

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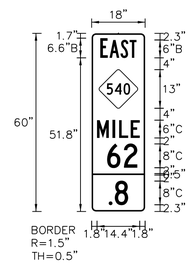

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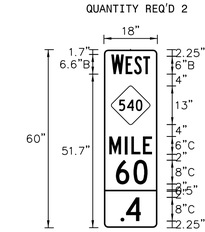

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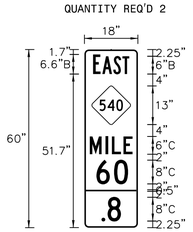

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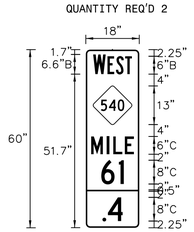

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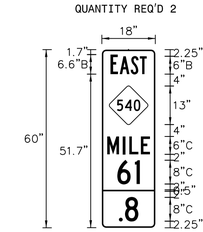

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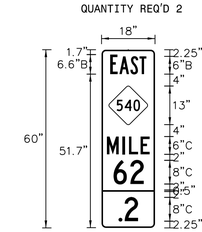

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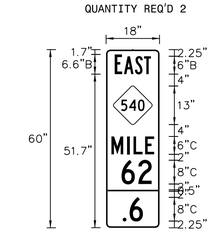

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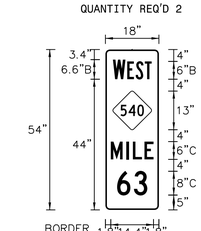

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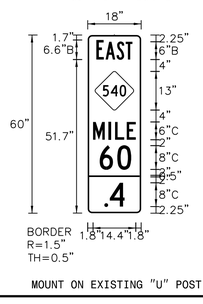

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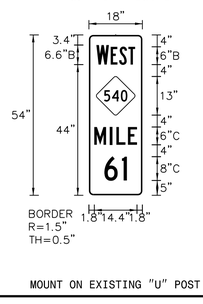

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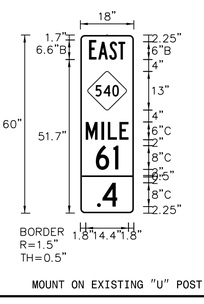

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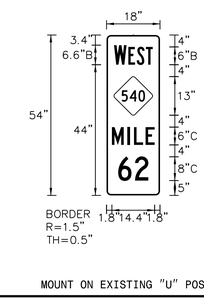

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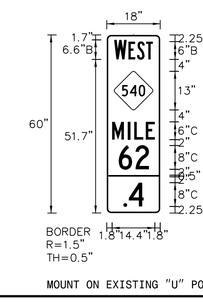

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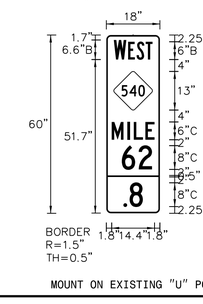

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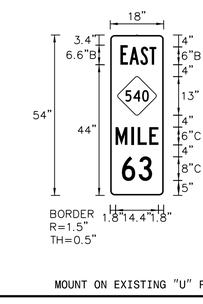

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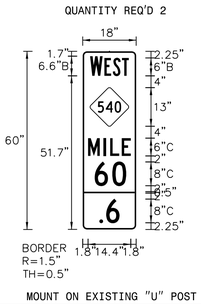

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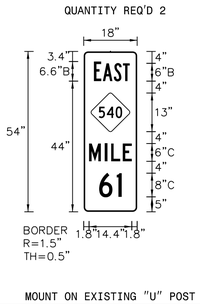

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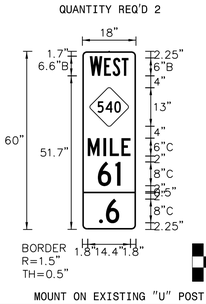

MOUNT ON EXISTING "U" POST

NOTE: HORIZONTALLY CENTER EACH LINE OF LEGEND

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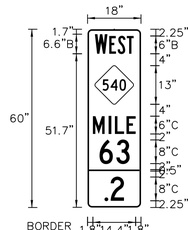
QUANTITY REQ'D 2



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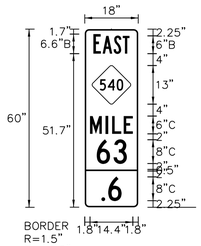

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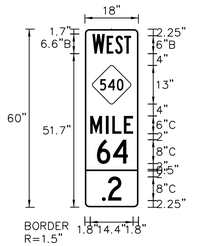

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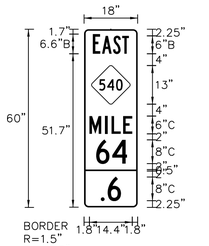

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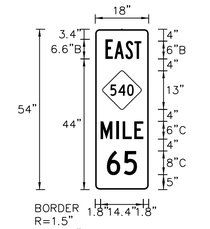

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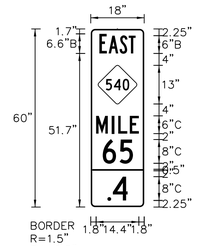

MOUNT ON EXISTING "U" POST

TIP NO.	SHEET NO.
DE00325	SIGN-O

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL



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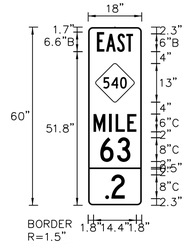

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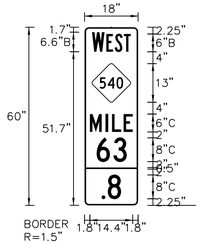

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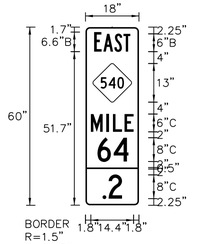

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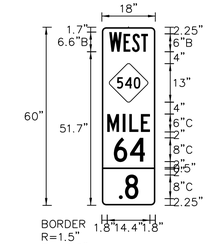
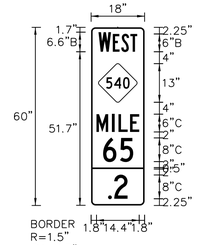


MOUNT ON EXISTING "U" POST

QUANTITY REQ'D 2



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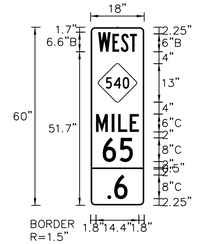

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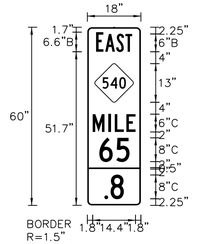

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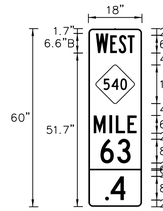

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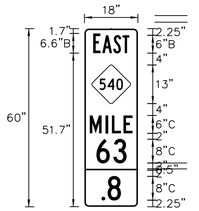

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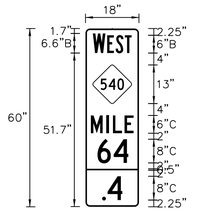

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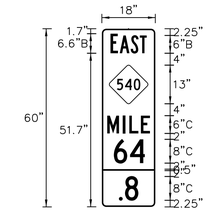

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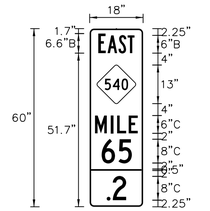

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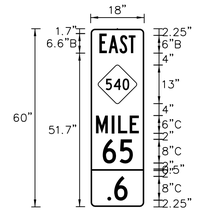

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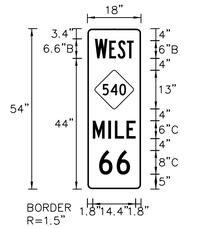

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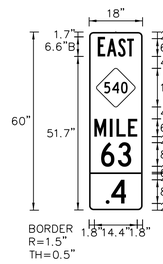

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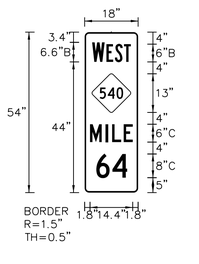

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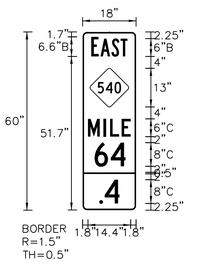

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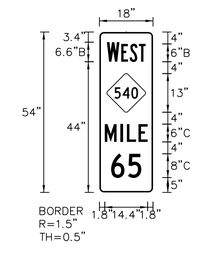

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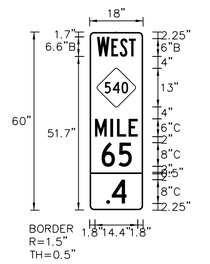

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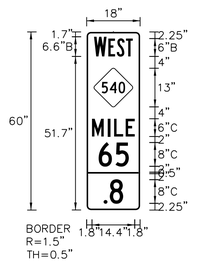

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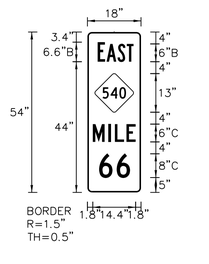

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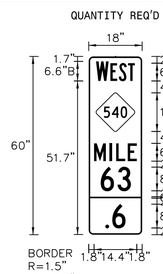

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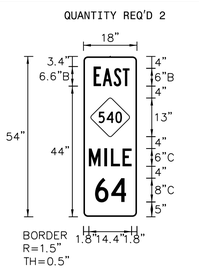

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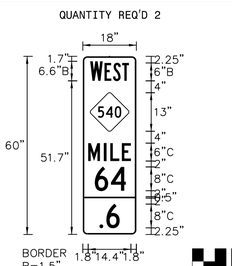

MOUNT ON EXISTING "U" POST

NOTE: HORIZONTALLY CENTER EACH LINE OF LEGEND

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
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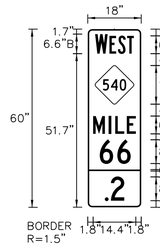

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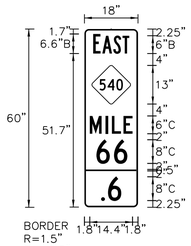

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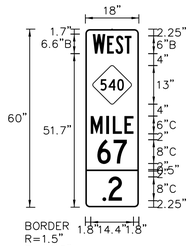

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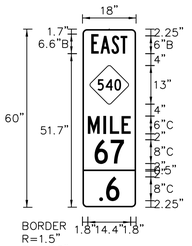

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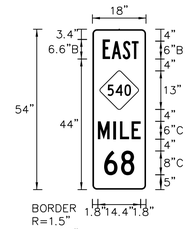

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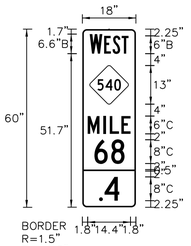

MOUNT ON EXISTING "U" POST

TIP NO.	SHEET NO.
DE00325	SIGN-P

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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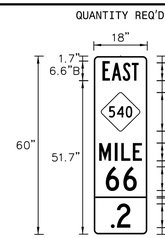

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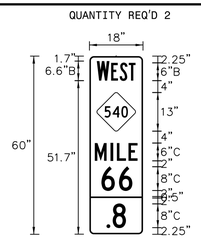

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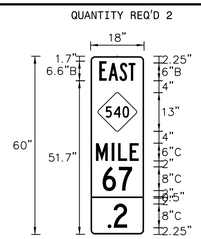

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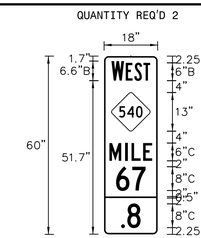

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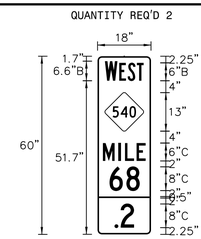

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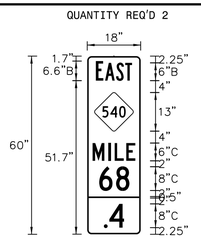

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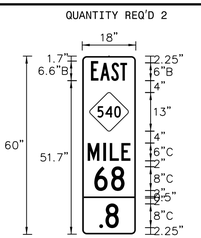

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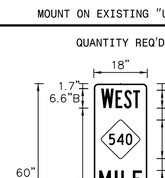

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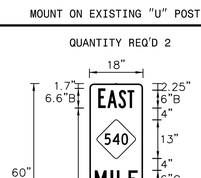

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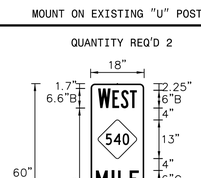

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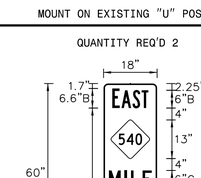

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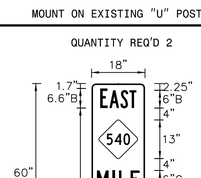

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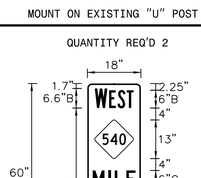

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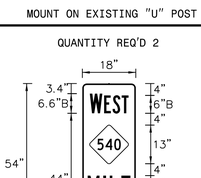

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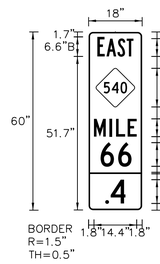

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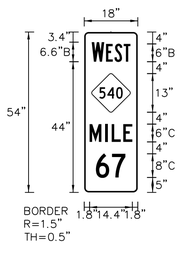

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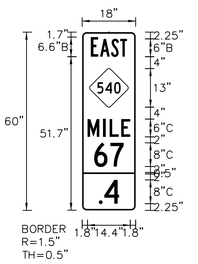

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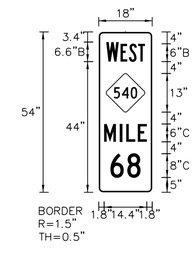

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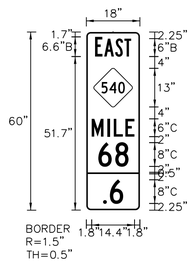

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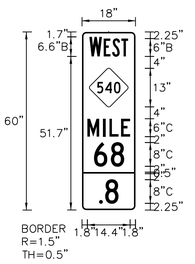

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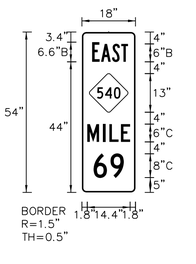

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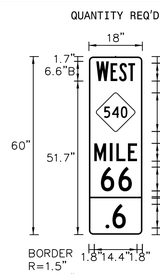

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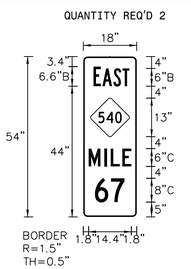
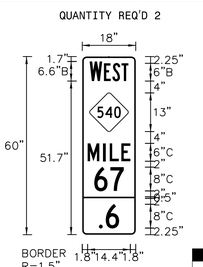


MOUNT ON EXISTING "U" POST

QUANTITY REQ'D 2



MOUNT ON EXISTING "U" POST

NOTE: HORIZONTALLY CENTER EACH LINE OF LEGEND

HNTB NORTH CAROLINA, P.C.
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NORTH CAROLINA Turnpike Authority

MILEMARKER SIGNS

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TRIANGLE EXPRESSWAY SIGN REPLACEMENT PACKAGE 1

TIP NO.	SHEET NO.
DE00325	SIGN-1-1

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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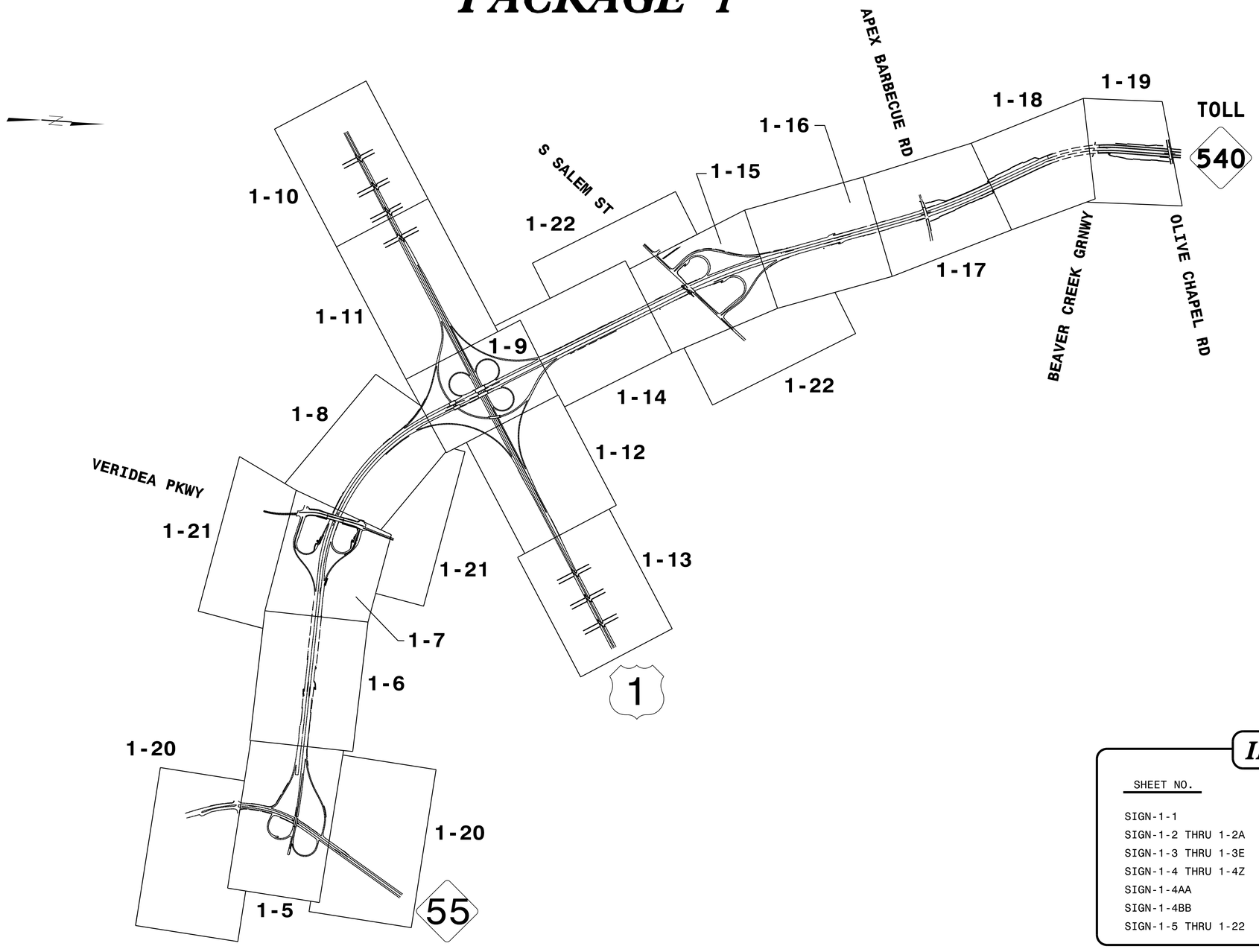

INDEX

SHEET NO.	DESCRIPTION
SIGN-1-1	KEY SHEET & SHEET INDEX
SIGN-1-2 THRU 1-2A	SUPPORT INFORMATION
SIGN-1-3 THRU 1-3E	EXISTING OVERHEAD ASSEMBLIES
SIGN-1-4 THRU 1-4Z	SIGN DESIGNS
SIGN-1-4AA	ROUTE MARKER ASSEMBLIES
SIGN-1-4BB	OVERLAY PLACEMENT DETAILS
SIGN-1-5 THRU 1-22	SIGNING PLAN SHEETS

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KEY SHEET & SHEET INDEX

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TIP NO.	SHEET NO.
DE00325	SIGN-1-2

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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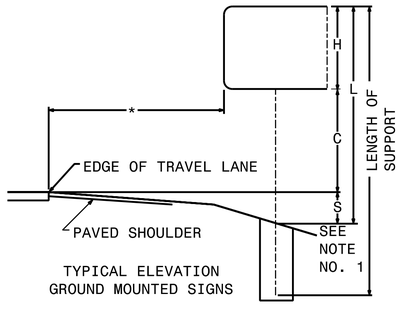
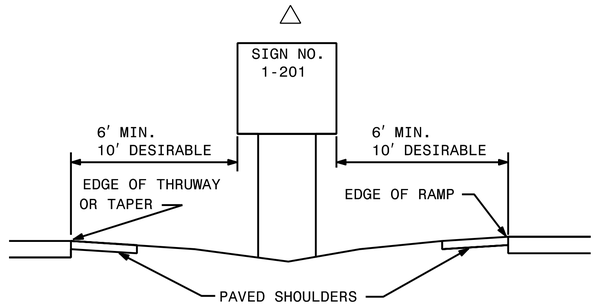
Version: 3.1 Posted: 6/2/2017

SIGN NUMBER	SIGN TYPE	SIZE (in.) w	x	h	ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft) SNS HT "H"	LENGTH (ft) MTG HT "C"	LENGTH (ft) EMBED-MENT	LEFT SUPPORT (ft) S	LEFT SUPPORT (ft) L	LEFT SUPPORT (ft) LENGTH	CENTER SUPPORT (ft) S	CENTER SUPPORT (ft) L	CENTER SUPPORT (ft) LENGTH	RIGHT SUPPORT (ft) S	RIGHT SUPPORT (ft) L	RIGHT SUPPORT (ft) LENGTH	SUPPORT WEIGHTS B/A (lbs.)	SUPPORT WEIGHTS SIMPLE (lbs.)	FOOTINGS DIAMETER (ft.)	FOOTINGS DEPTH (ft.)	FOOTINGS REINFORCED (c.y.)	FOOTINGS PLAIN (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
1-101A 1-101B	A A	204 204	x x	114 30	TOLL NC 540 EB	2	W8x18	BA	N/A	N/A N/A	N/A II	25.00	9.96	12.00	7.00	4.5	3.10	22.10	26.60	0.00	0.00	0.00	2.20	21.20	25.70	1081.40	0	2.0	5	1.16	0.00	_____
1-102	A	168	x	78	TOLL NC 540 EB	2	W6x16	BA	N/A	N/A	N/A	30.00	8.20	6.50	7.00	4.0	6.40	19.90	23.90	0.00	0.00	0.00	9.20	22.70	26.70	903.60	0	1.5	4.5	0.59	0.00	_____
1-103A 1-103B	A A	204 204	x x	114 42	TOLL NC 540 EB	2	W10x22	BA	N/A	N/A N/A	N/A II	33.00	9.96	13.00	9.10	4.5	1.30	23.40	27.90	0.00	0.00	0.00	-2.10	20.00	24.50	1390.80	0	2.5	5	1.82	0.00	_____
1-104	A	168	x	78	TOLL NC 540 WB	2	W6x12	BA	N/A	N/A	N/A	35.00	8.20	6.50	7.20	3.5	2.30	16.00	19.50	0.00	0.00	0.00	-0.20	13.50	17.00	516.00	0	1.5	4	0.52	0.00	_____
1-105A 1-105B	A A	234 234	x x	114 42	TOLL NC 540 WB	3	W8x21	BA	N/A	N/A N/A	N/A II	33.00	7.5 NON-STD. SPACING	13.00	8.30	4.5	2.60	23.90	28.40	0.80	22.10	26.60	-1.30	20.00	24.50	1888.50	0	2.0	5	1.75	0.00	_____
1-106A 1-106B	A A	234 234	x x	114 30	TOLL NC 540 WB	3	W8x18	BA	N/A	N/A N/A	N/A II	35.00	7.5 NON-STD. SPACING	12.00	8.90	4.0	2.20	23.10	27.10	0.40	21.30	25.30	-1.90	19.00	23.00	1567.20	0	2.0	4.5	1.57	0.00	_____
1-107A 1-107B	A A	204 204	x x	114 30	TOLL NC 540 EB	2	W8x18	BA	N/A	N/A N/A	N/A II	25.00	9.96	12.00	15.50	4.5	-4.90	22.60	27.10	0.00	0.00	0.00	-8.50	19.00	23.50	1050.80	0	2.0	5	1.16	0.00	_____
1-201A 1-201B	A B	108 108	x x	114 24	US 1 NB Off-Ramp	2	W6x12	BA	N/A	N/A N/A	N/A II	△	5.27	11.50	7.00	3.5	2.00	20.50	24.00	0.00	0.00	0.00	2.00	20.50	24.00	654.00	0	1.5	4	0.52	0.00	_____
																										TOTAL 9052.30	TOTAL 0.00			TOTAL 9.10	TOTAL 0.00	
																										USE: 9053.00	0.00			10.00	0.00	



TYPICAL ELEVATION
GROUND MOUNTED SIGNS

△



NOTES:

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.

2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL PROPOSED SUPPORTS, SEE (*) ARTICLE 903-3. ABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	SUPPORT SPACING
NUMBER	TYPE	SIZE (in.) w	x	h								
1-701	A	168	x	132	TOLL NC 540 WB	2	W14x30	BA	N/A	N/A	N/A	8.17
1-702	A	78	x	60	TOLL NC 540 WB	2	S3x5.7	BA	YES	N/A	N/A	3.83
1-703	A	78	x	60	TOLL NC 540 EB	2	S3x5.7	BA	YES	N/A	N/A	3.85
1-704A 1-704B	A A	156 156	x x	72 24	Veridea EB On-Ramp	2	W8x18	BA	N/A	N/A N/A	N/A II	7.61
1-705	A	144	x	126	TOLL NC 540 WB	2	W6x16	BA	N/A	N/A	N/A	7.00
1-706	A	96	x	60	TOLL NC 540 WB	2	W6x9	BA	YES	N/A	N/A	4.68
1-707A 1-707B	A B	96 96	x x	60 24	TOLL NC 540 WB	2	W6x9	BA	YES	N/A N/A	N/A II	4.66
1-708	A	96	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	4.65
1-709A 1-709B	A B	96 96	x x	60 24	TOLL NC 540 EB	2	W6x9	BA	YES	N/A N/A	N/A II	4.65
1-710A 1-710B	A B	96 96	x x	60 24	US 1 SB CD	2	W6x9	BA	YES	N/A N/A	N/A II	4.70
1-711	A	60	x	60	US 1 NB Off-Ramp	2	W6x9	BA	YES	N/A	N/A	2.90
1-712A 1-712B 1-712C	A A A	168 234 234	x x x	30 42 120	US 1 NB	3	W18x35	BA	N/A	1-R II N/A	N/A N/A N/A	9.05
1-713A 1-713B 1-713C	A A A	168 234 234	x x x	30 42 120	US 1 NB	3	W16x31	BA	N/A	1-R II N/A	N/A N/A N/A	9.05
1-714	A	60	x	144	US 1 SB	1	W8x35	S	N/A	N/A	N/A	N/A
1-715	A	96	x	60	US 1 SB	2	W6x9	BA	YES	N/A	N/A	4.65
1-716A 1-716B 1-716C	A A A	168 234 234	x x x	30 42 120	US 1 SB	3	W18x35	BA	N/A	1-R II N/A	N/A N/A N/A	9.05
1-717A 1-717B 1-717C	A A A	168 234 234	x x x	30 42 120	US 1 SB	3	W18x35	BA	N/A	1-R II N/A	N/A N/A N/A	9.05
1-718	A	144	x	126	TOLL NC 540 EB	3	W8x18	BA	N/A	N/A	N/A	4.30
1-719	A	60	x	90	TOLL NC 540 WB	1	W8x35	S	N/A	N/A	N/A	N/A
1-720	A	72	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	4.77
1-721A 1-721B	A A	156 156	x x	72 24	Salem St On-Ramp	2	W6x16	BA	N/A	N/A N/A	N/A II	7.58
1-722	A	168	x	132	TOLL NC 540 EB	2	W8x21	BA	N/A	N/A	N/A	8.80
1-723	A	150	x	126	TOLL NC 540 WB	2	W6x16	BA	N/A	N/A	N/A	7.35
1-724	A	174	x	126	TOLL NC 540 WB	2	W8x18	BA	N/A	N/A	N/A	8.50
1-725A 1-725B	A B	96 96	x x	60 24	TOLL NC 540 EB	2	S4x7.7	BA	YES	N/A N/A	N/A II	4.60

TIP NO.	SHEET NO.
DE00325	SIGN-1-2A

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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PROJECT	SHEET NO.
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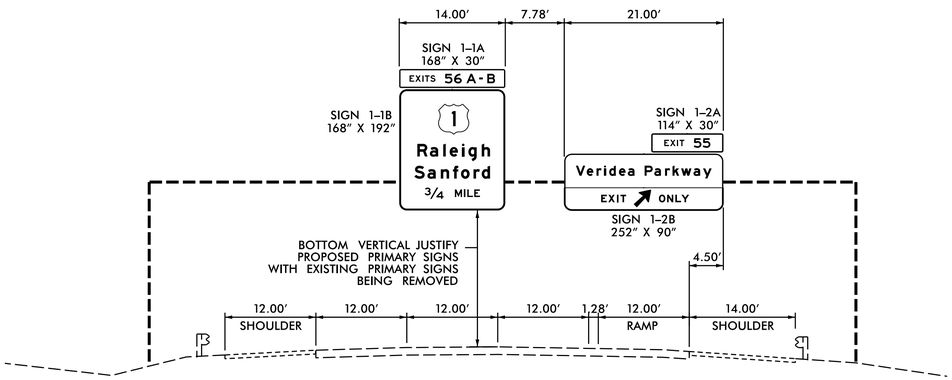
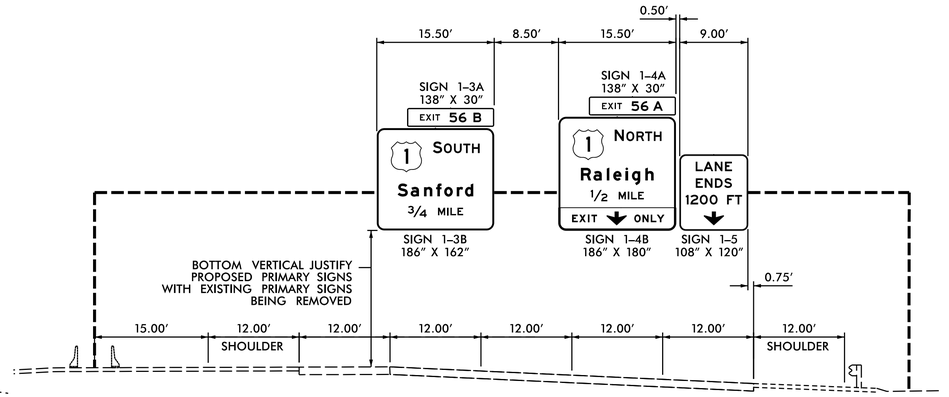


TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–AA'

ASSEMBLY INSTALLED UNDER R-2635D OVERHEAD SIGN ASSEMBLY 'C'



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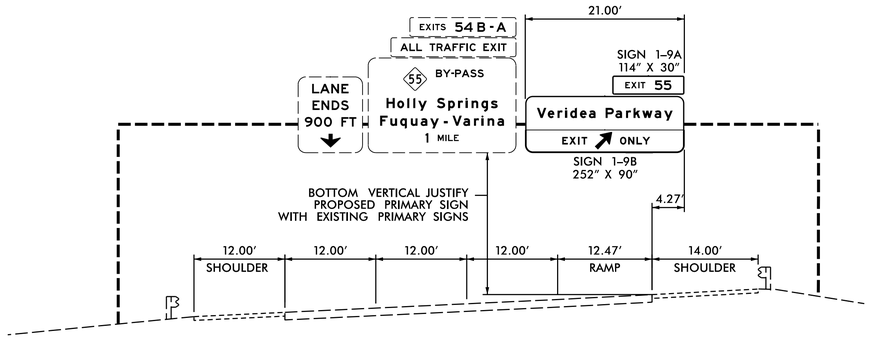
EXISTING OVERHEAD SIGN ASSEMBLY '1–BB'

ASSEMBLY INSTALLED UNDER R-2635D OVERHEAD SIGN ASSEMBLY 'D'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1–CC'

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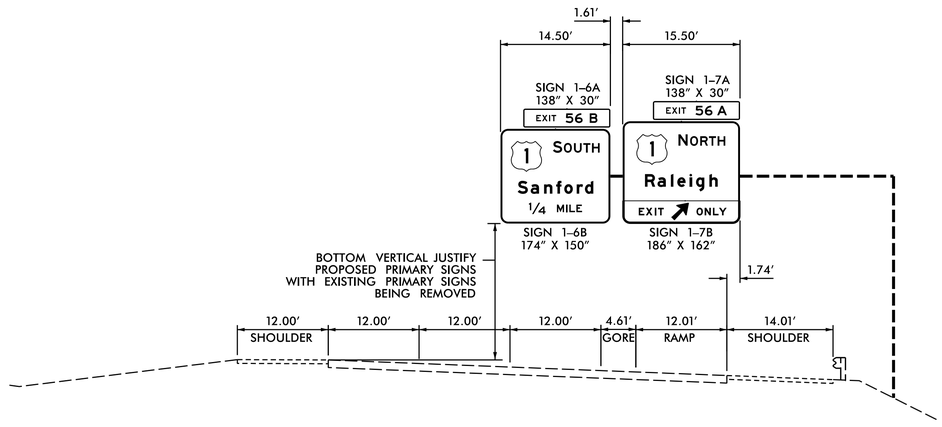

TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–DD'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'C'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '1-AA', '1-BB', '1-CC' AND '1-DD'

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PROJECT	SHEET NO.
DE00325	SIGN-1-3A

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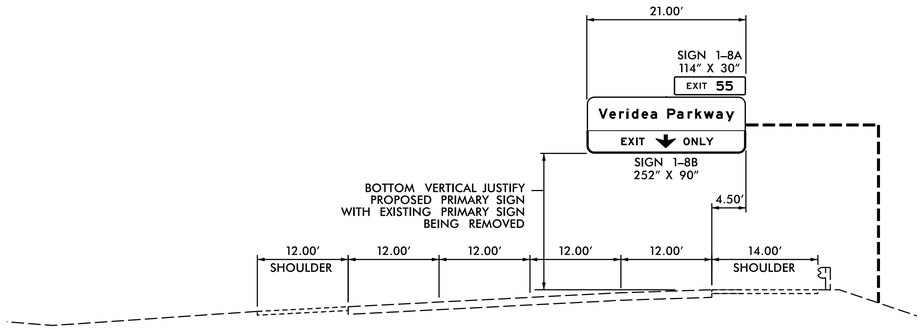
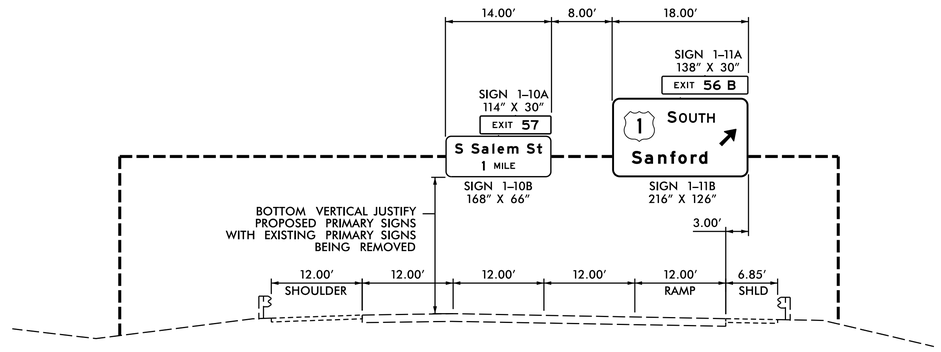


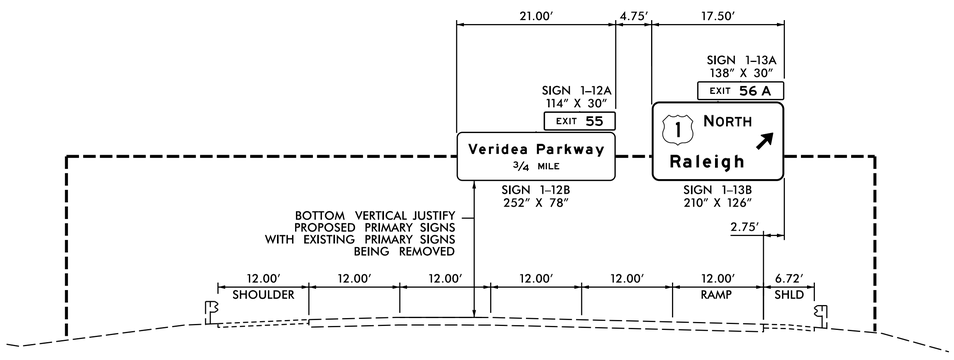
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1-EE'

ASSEMBLY INSTALLED UNDER R-2635D OVERHEAD SIGN ASSEMBLY 'I'



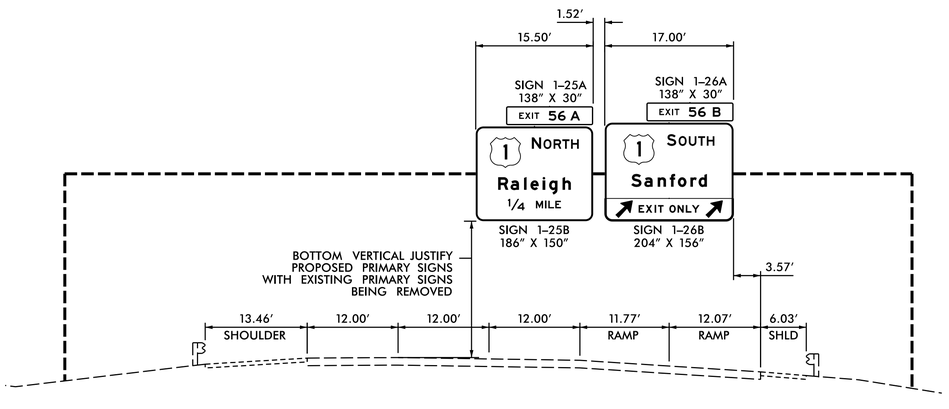
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1-FF'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'D'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1-GG'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'RR'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1-HH'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'MM'

NOTES:

1. SEE STANDARD 904-3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076-6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '1-EE', '1-FF', '1-GG' AND '1-HH'

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PROJECT	SHEET NO.
DE00325	SIGN-1-3B

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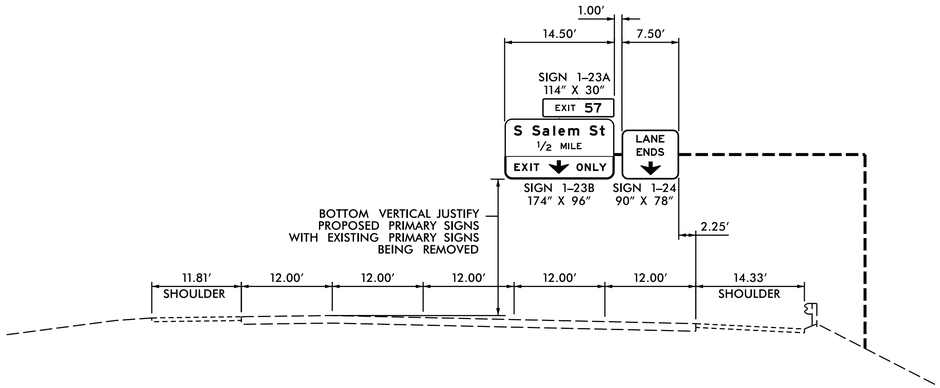
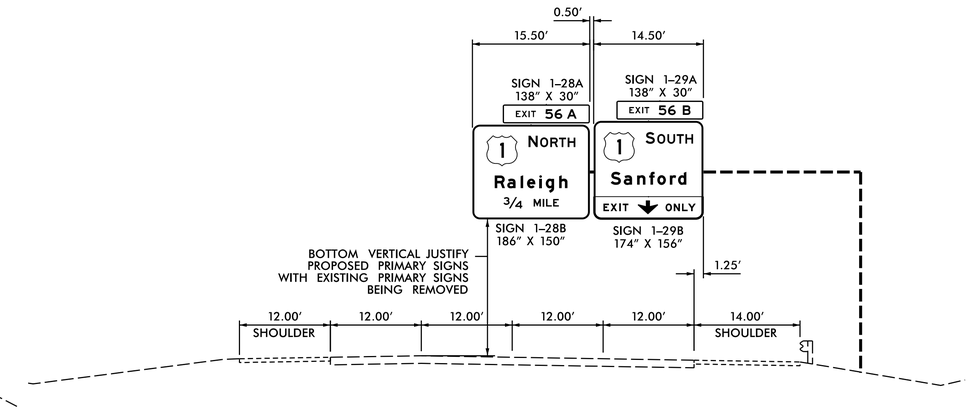


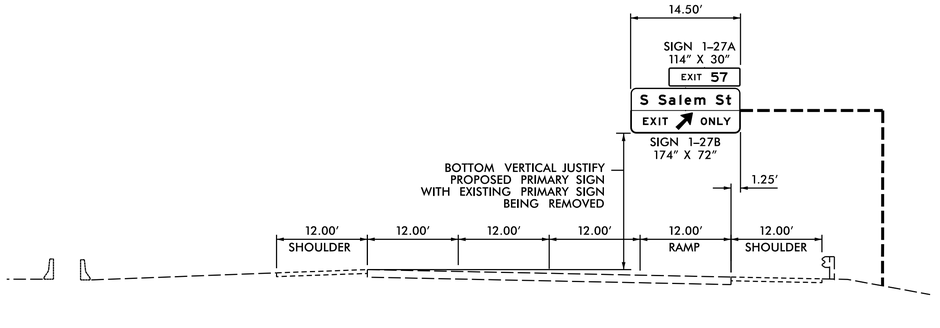
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–II'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'H'



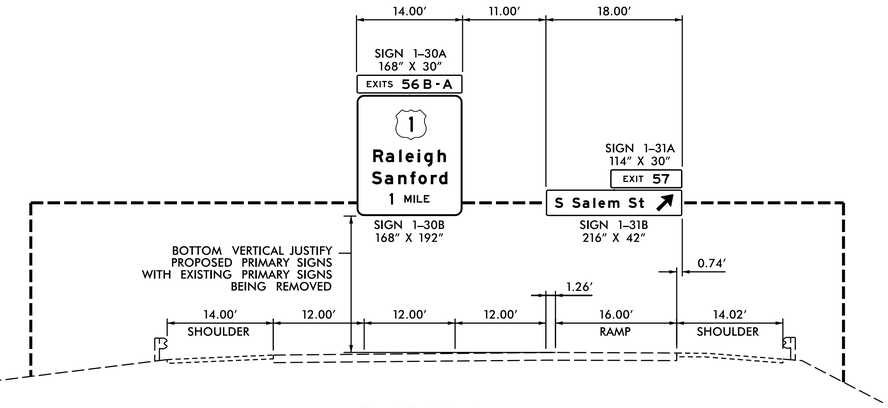
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1–JJ'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'LL'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–KK'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'I'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1–LL'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'KK'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
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EXISTING OVERHEAD SIGN ASSEMBLIES '1-II', '1-JJ', '1-KK' AND '1-LL'

DocuSign Envelope ID: 96150090-A363-4800-8FDC-BF0BCA9A9F3A

PROJECT	SHEET NO.
DE00325	SIGN-1-3C

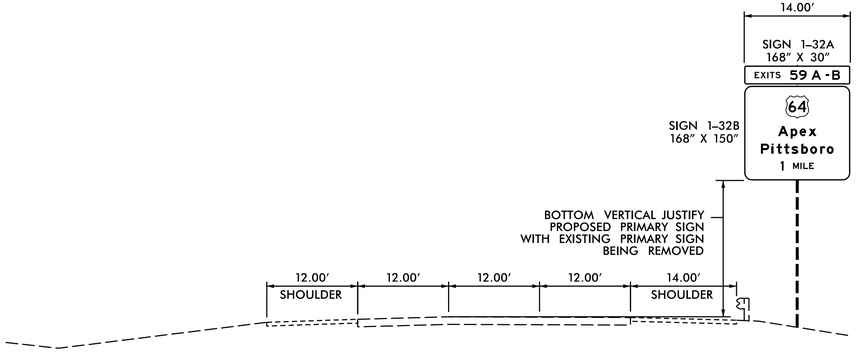
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

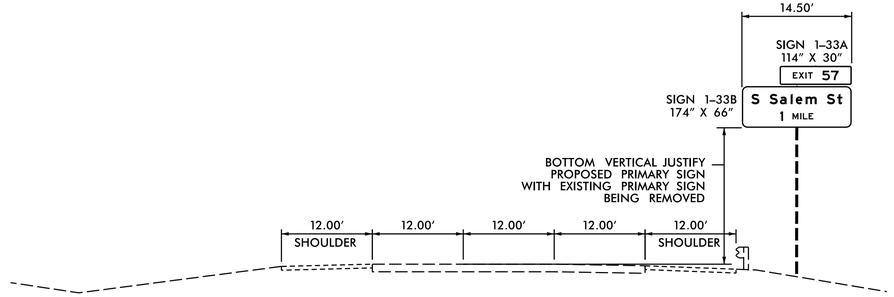
NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



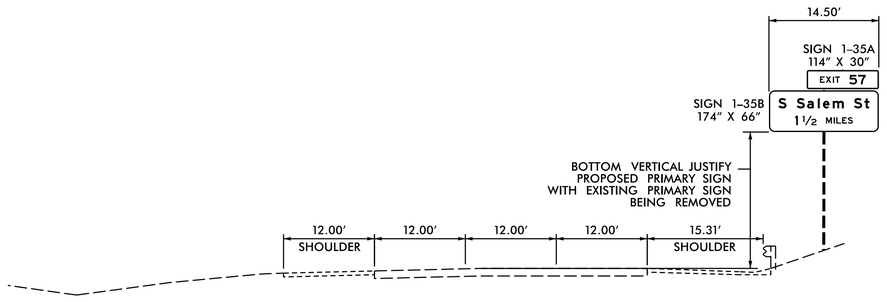
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–MM'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'J'



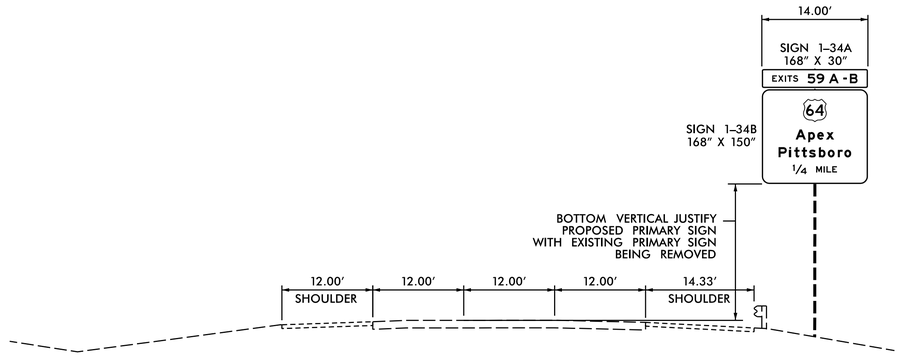
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1–NN'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'JJ'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '1–OO'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'II'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '1–PP'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'K'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '1-MM', '1-NN', '1-OO' AND '1-PP'

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PROJECT	SHEET NO.
DE00325	SIGN-1-3D

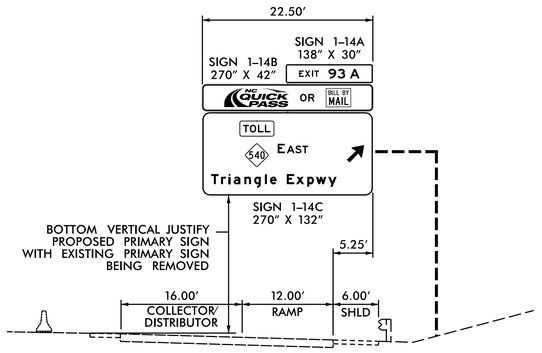
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

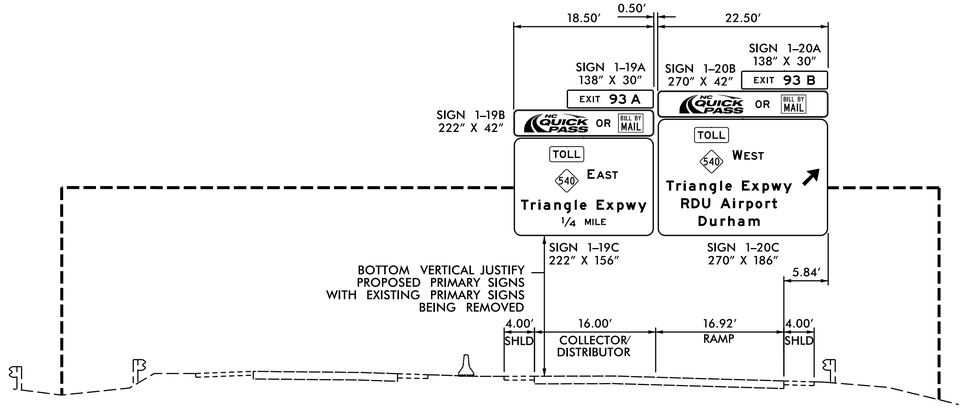
NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



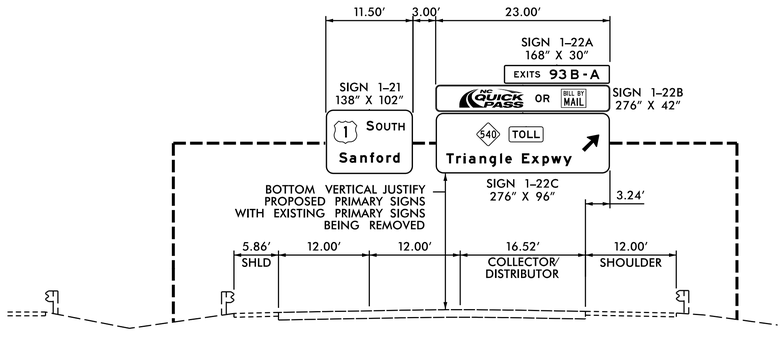
US 1 SB CD
EXISTING OVERHEAD SIGN ASSEMBLY '1-QQ'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'G'



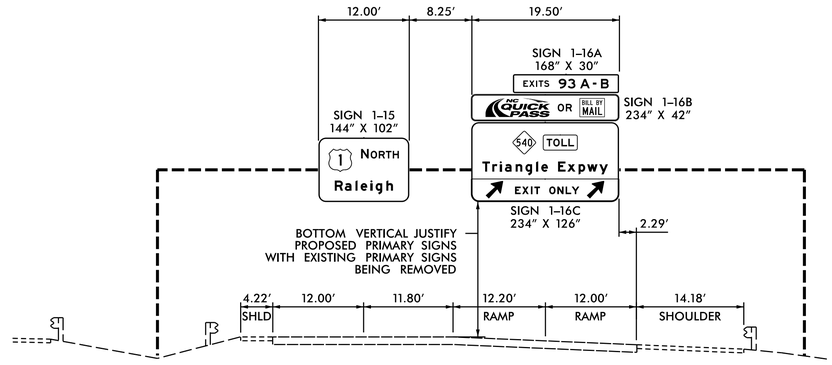
US 1 SB CD
EXISTING OVERHEAD SIGN ASSEMBLY '1-RR'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'F'



US 1 SB
EXISTING OVERHEAD SIGN ASSEMBLY '1-SS'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'E'



US 1 NB
EXISTING OVERHEAD SIGN ASSEMBLY '1-TT'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'PP'

NOTES:

1. SEE STANDARD 904-3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076-6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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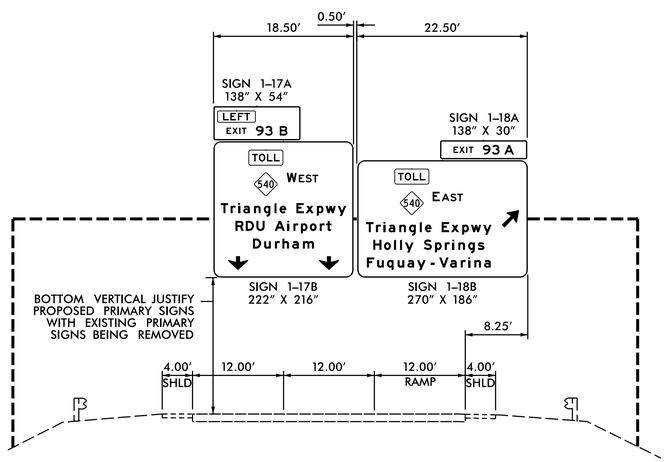
NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '1-QQ', '1-RR', '1-SS' AND '1-TT'

DocuSign Envelope ID: 96150090-A363-4800-8FDC-BF0BCA9A9F3A



US 1 NB RAMP
EXISTING OVERHEAD SIGN ASSEMBLY '1–UU'

ASSEMBLY INSTALLED UNDER R-2635 A&B OVERHEAD SIGN ASSEMBLY 'QQ'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

PROJECT	SHEET NO.
DE00325	SIGN–1–3E

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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EXISTING OVERHEAD SIGN ASSEMBLY '1-UU'

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-1A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

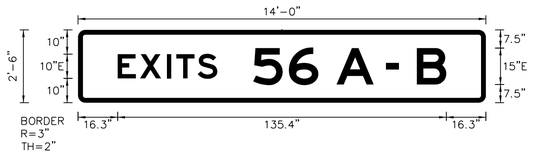
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T	S																								E 2000
	16.3	9.2	11.1	3.8	8.8	8.1	110.6																							41
		5	6		A		-		B																					E 2000
	72.1	14.7	12.2	7.5	15.3	5	5.3	7.5	12.2	16.3																				79.6

SIGN NUMBER: 1-1B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 16'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

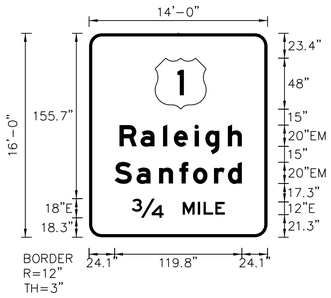
SYMBOL	X	Y	WID	HT
M1_4	62.3	120.6	48	48

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		R	o	l	e	i	g	h																						EM 2000
	28.7	19.8	21.2	10.2	19.4	10.2	21.2	13.2	24.1																					115.2
		S	o	n	f	o	r	d																						EM 2000
	24.1	20.6	21.2	19.2	12.8	19.8	13	13.2	24.1																					119.8
		3/4		M	I	L	E																							E 2000
	40.2	30	18	14.4	5.3	11	9	40.1																						87.7

SIGN NUMBER: 1-2A, 1-8A, 1-9A, 1-12A
TYPE: B (OVHD)
QUANTITY: 4
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

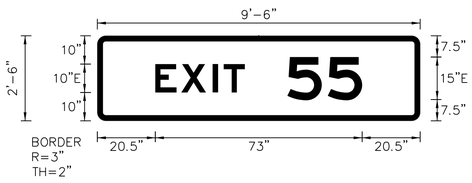
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	20.5	9.2	11.1	3.8	7.5	61.9																								31.6
		5	5																											E 2000
	67.1	14.3	12.2	20.5																										26.4

SIGN NUMBER: 1-2B, 1-9B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 21'-0"
HEIGHT: 7'-6"
TOTAL AREA: 157.5 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 244.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

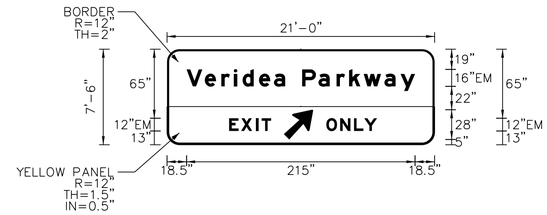
SYMBOL	X	Y	WID	HT
Type A Arrow	110	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 252" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		V	e	r	i	d	e	a		P	a	r	k	w	a	y														EM 2000
	18.5	17.1	15.5	11.8	8.2	15.5	14.1	10.6	16	15.4	17	11.8	13.8	19.5	15.2	13.6	18.5													215
		E	X	I	T																									EM 2000
	58.5	11.2	14	5.4	8.9	153.6																								39.5
		O	N	L	Y																									EM 2000
	150	13	13.1	9.6	12.1	54.2																								47.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4A

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

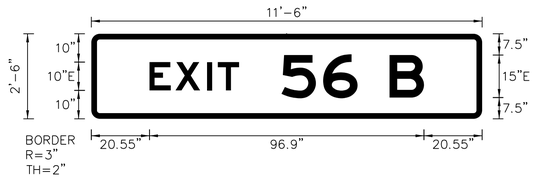
SIGN NUMBER: 1-3A, 1-6A, 1-11A, 1-26A, 1-29A
BACKG COLOR: Green
COPY COLOR: White
TYPE: B (OVHD)
QUANTITY: 5
SIGN WIDTH: 11′-6″
HEIGHT: 2′-6″
TOTAL AREA: 28.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 2″
RADII: 3″
NO. Z BARS: 2
LENGTH: 130.0

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	20.5	9.2	11.1	3.8	7.5	85.8																								31.6
		5	6		B																									E 2000
	67.2	14.7	12.2	11.3	12.2	20.5																								50.3

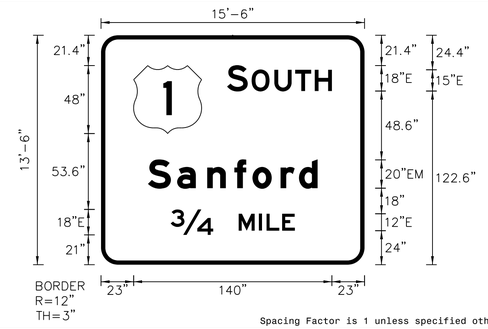
SIGN NUMBER: 1-3B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15′-6″
HEIGHT: 13′-6″
TOTAL AREA: 209.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 3″
RADII: 12″
NO. Z BARS: 4
LENGTH: 178.0

SYMBOL	X	Y	WID	HT
M1_4	23	92.6	48	48

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	89	14.6	2.8	16	14.7	13.8	12.2	23																						74
		S	o	n	f	o	r	d																						EM 2000
	33.1	20.6	21.2	19.2	12.8	19.8	13	13.2	33.1																					119.8
		3/4		M	I	L	E																							E 2000
	49.2	30	18	14.4	5.3	11	9	49.1																						87.7

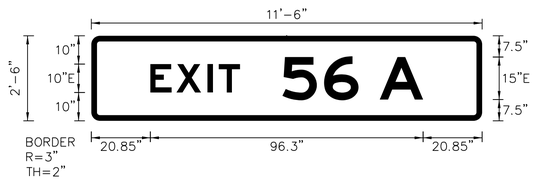
SIGN NUMBER: 1-4A, 1-7A, 1-13A, 1-25A, 1-28A
BACKG COLOR: Green
COPY COLOR: White
TYPE: B (OVHD)
QUANTITY: 5
SIGN WIDTH: 11′-6″
HEIGHT: 2′-6″
TOTAL AREA: 28.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 2″
RADII: 3″
NO. Z BARS: 2
LENGTH: 130.0

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	20.9	9.2	11.1	3.8	7.5	85.5																								31.6
		5	6		A																									E 2000
	67.5	14.7	12.2	7.5	15.3	20.9																								49.7

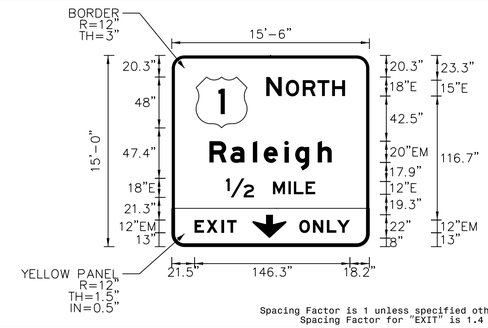
SIGN NUMBER: 1-4B
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15′-6″
HEIGHT: 15′-0″
TOTAL AREA: 232.5 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 6
LENGTH: 178.0

SYMBOL	X	Y	WID	HT
M1_4	22.9	111.7	48	48
Type C Arrow	76	8	32	22

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032″ aluminum and demountable. Yellow panel is 186″ X 36″. (Border Type = Recessed, Recess = 0.5″, Width = 1.5″, Radii = 12″)

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	88.9	14.6	3.8	16	13.8	13.8	12.2	22.9																						74.2
		R	o	I	e	i	g	h																						EM 2000
	35.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	35.4																					115.2
		1/2		M	I	L	E																							E 2000
	51	26.4	18	14.4	5.3	11	9	50.9																						84.1
		E	X	I	T																									EM 2000
	21.5	11.2	14	5.4	8.9	125																								39.5
		O	N	L	Y																									EM 2000
	120	13	13.1	9.6	12.1	18.2																								47.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4B

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-5
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 9'-0"
HEIGHT: 10'-0"
TOTAL AREA: 90.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0.5"
WIDTH: 1.5"
RADII: 9"
NO. Z BARS: 3
LENGTH: 100.0

BACKG COLOR: Yellow
COPY COLOR: Black

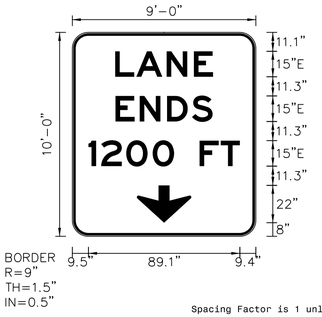
SYMBOL	X	Y	WID	HT
ARDOWN	38	8	32.1	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		L	A	N	E																								E 2000
	25.2	12.5	17.8	16.1	11.3	25.2																							57.6
		E	N	D	S																								E 2000
	25.4	14.3	16.1	14.7	12.1	25.4																							57.1
		1	2	0	0		F	T																					E 2000
	9.5	7.5	14.7	15.6	12.6	15	12.5	11.3	9.4																				89.1

SIGN NUMBER: 1-6B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 12'-6"
TOTAL AREA: 181.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 4
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

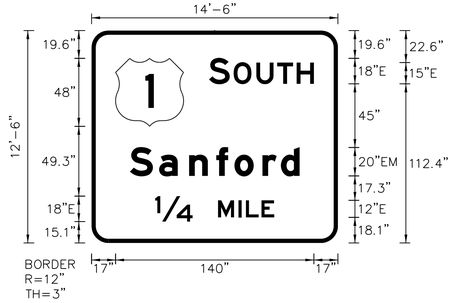
SYMBOL	X	Y	WID	HT
M1_4	17	82.4	48	48

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		S		O	U	T	H																						E 2000
	83	14.6	2.8	16	14.7	13.8	12.2	17																					74
		S	a	n	f	o	r	d																					EM 2000
	27.1	20.6	21.2	19.2	12.8	19.8	13	13.2	27.1																				119.8
		1/4		M	I	L	E																						E 2000
	45	26.4	18	14.4	5.3	11	9	45																					84.1

SIGN NUMBER: 1-7B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15'-6"
HEIGHT: 13'-6"
TOTAL AREA: 209.3 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 178.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

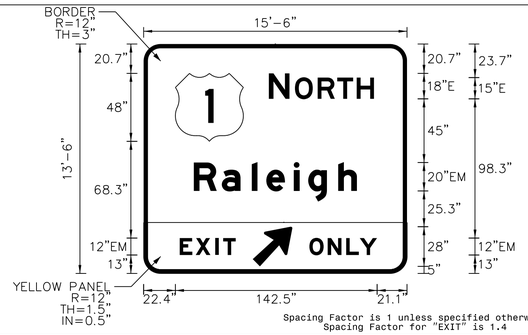
SYMBOL	X	Y	WID	HT
M1_4	22.4	93.3	48	48
Type A Arrow	77	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 186" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		N		O	R	T	H																						E 2000
	88.4	14.6	3.8	16	13.8	13.8	12.2	23.4																					74.2
		R	a	l	e	i	g	h																					EM 2000
	35.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	35.4																				115.2
		E	X	I	T																								EM 2000
	25.5	11.2	14	5.4	8.9	121																							39.5
		O	N	L	Y																								EM 2000
	117	13	13.1	9.6	12.1	21.2																							47.8

SIGN NUMBER: 1-8B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 21'-0"
HEIGHT: 7'-6"
TOTAL AREA: 157.5 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 244.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

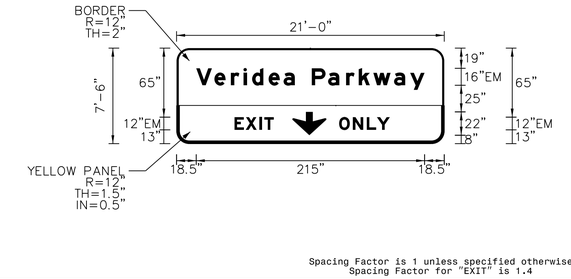
SYMBOL	X	Y	WID	HT
Type C Arrow	109	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 252" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		V	e	r	i	d	e	a		P	a	r	k	w	a	y													EM 2000
	18.5	17.1	15.5	11.8	8.2	15.5	14.1	10.6	16	15.4	17	11.8	13.8	19.5	15.2	13.6	18.5												215
		E	X	I	T																								EM 2000
	54.5	10.6	13	4.6	8.9	160.5																							37
		O	N	L	Y																								EM 2000
	153	13	13.1	9.6	12.1	51.2																							47.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4C

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-10A, 1-23A, 1-27A, 1-31A, 1-33A, 1-35A
BACKG COLOR: Green
COPY COLOR: White
TYPE: B (OVHD)
QUANTITY: 6
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

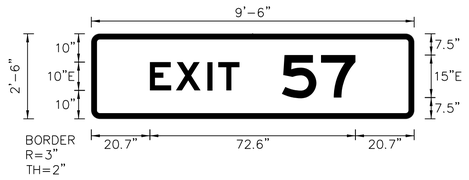
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	20.7	9.2	11.1	3.8	7.5	61.7																								31.6
		5	7																											E 2000
	67.3	13.8	12.2	20.7																										26

SIGN NUMBER: 1-10B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 5'-6"
TOTAL AREA: 77.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 160.0

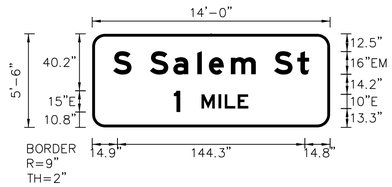
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		S	a	l	e	m		S	t																			EM 2000
	14.9	13	13	16.5	17	8.2	15.5	17.6	13	16.3	8.3	14.8																		138.3
		1		M	I	L	E																							E 2000
	57.7	4.5	15	12	4.4	9.2	7.5	57.7																						52.6

SIGN NUMBER: 1-11B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-0"
HEIGHT: 10'-6"
TOTAL AREA: 189.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 208.0

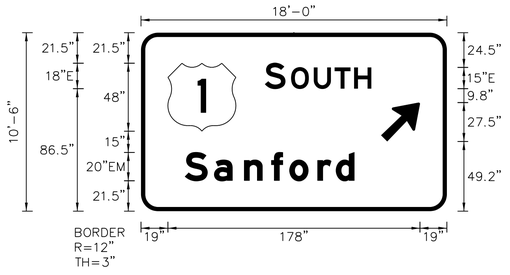
SYMBOL	X	Y	WID	HT
M1_4	19	56.5	48	48
Type A Arrow	169.5	49.2	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	87.5	14.6	3.9	16	14.7	13.8	12.2	53.4																						75.2
		S	a	n	f	o	r	d																						EM 2000
	30.9	20.6	21.2	19.2	12.8	19.8	13	13.2	65.3																					119.8

SIGN NUMBER: 1-12B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 21'-0"
HEIGHT: 6'-6"
TOTAL AREA: 136.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 244.0

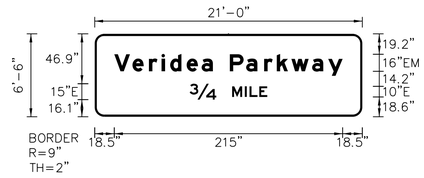
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		V	e	r	i	d	e	a		P	a	r	k	w	a	y														EM 2000
	18.5	17.1	15.5	11.8	8.2	15.5	14.1	10.6	16	15.4	17	11.8	13.8	19.5	15.2	13.6	18.5													215
		3/4		M	I	L	E																							E 2000
	89.5	25	15	12	4.4	9.2	7.5	89.5																						73.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4D

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-13B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-6"
HEIGHT: 10'-6"
TOTAL AREA: 183.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 202.0

BACKG COLOR: Green
COPY COLOR: White

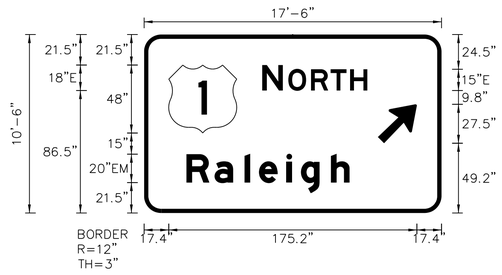
SYMBOL	X	Y	WID	HT
M1_4	17.4	56.5	48	48
Type A Arrow	165.1	49.2	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		N		O	R	T	H																								E 2000
	83.4	14.6	3.8	16	13.8	13.8	12.2	52.4																							74.2
		R	a	l	e	i	g	h																							EM 2000
	29.9	19.8	21.2	10.2	19.4	10.2	21.2	13.2	64.9																						115.2

SIGN NUMBER: 1-14A, 1-18A, 1-19A
TYPE: B (OVHD)
QUANTITY: 3
SIGN WIDTH: 11'-6"
HEIGHT: 2'-6"
TOTAL AREA: 28.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

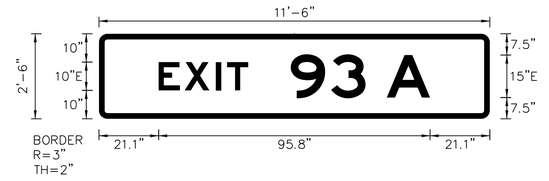
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	21.1	9.2	11.1	3.8	7.5	85.3																									31.6
		9	3		A																										E 2000
	67.7	14.2	12.2	7.5	15.3	21.1																									49.2

SIGN NUMBER: 1-14B, 1-20B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 22'-6"
HEIGHT: 3'-6"
TOTAL AREA: 78.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 262.0

BACKG COLOR: White
COPY COLOR: Black

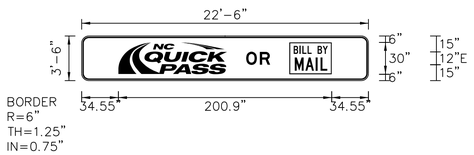
SYMBOL	X	Y	WID	HT
NC QUICK PASS	34.6	6	102.3	30
BILL BY MAIL	195.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												E 2000
	154.9	12.8	9.7	92.6																											22.6

SIGN NUMBER: 1-14C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 11'-0"
TOTAL AREA: 247.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 262.0

BACKG COLOR: Green
COPY COLOR: White

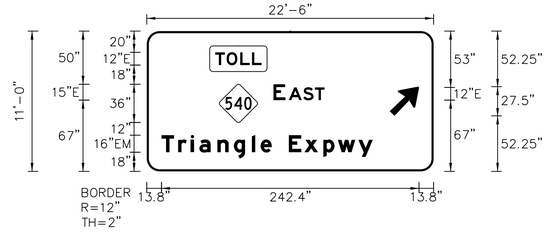
SYMBOL	X	Y	WID	HT
NC363A	68.2	46	36	36
Type A Arrow	228.7	52.3	22.3	35
TOLL	59.2	94	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	64.4	10.7	12.8	11	9	162																									43.6
		E		A	S	T																									E 2000
	119.2	11.3	3.2	13.6	11	9	102.7																								48.1
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	13.8	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	57.3															198.9

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4E

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-15
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 12'-0"
HEIGHT: 8'-6"
TOTAL AREA: 102.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 136.0

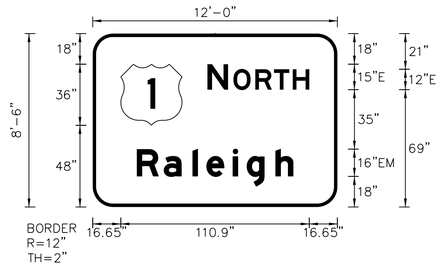
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	16.5	48	36	36

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		N		O	R	T	H																								E 2000
	67.5	12.2	3.1	12.8	11	11	9.7	16.6																							59.9
		R	a	l	e	i	g	h																							EM 2000
	25.9	15.8	17	8.2	15.5	8.2	17	10.6	25.9																						92.2

SIGN NUMBER: 1-16A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

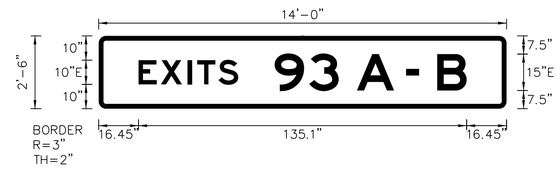
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T	S																									E 2000
	16.4	9.2	11.1	3.8	8.8	8.1	110.5																								41
		9	3		A		–		B																						E 2000
	72.5	14.3	12.1	7.5	15.3	5	5.3	7.5	12.2	16.4																					79.1

SIGN NUMBER: 1-16B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 3'-6"
TOTAL AREA: 68.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 226.0

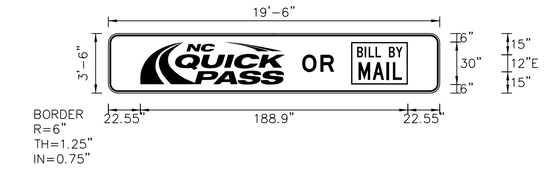
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	22.6	6	102.3	30
BILL BY MAIL	171.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												E 2000
	136.9	12.8	9.7	74.6																											22.6

SIGN NUMBER: 1-16C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-6"
TOTAL AREA: 204.8 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 226.0

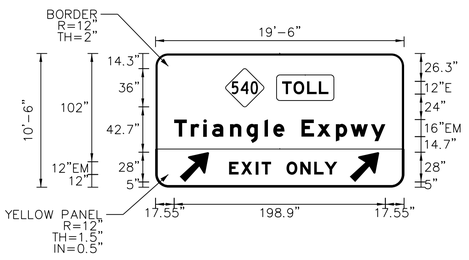
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC363A	66	75.7	36	36
Type A Arrow	22.8	5	22.3	35.6
Type A Arrow	183.4	5	22.3	35.6
TOLL	114	81.2	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow(s) shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 234" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
5. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	119.2	10.7	12.8	11	9	71.2																									43.6
		T	r	i	o	n	g	l	e		E	x	p	w	y																EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6															198.9
		E	X	I	T																										EM 2000
	68.8	11.2	14	5.4	8.9	125.7																									39.5
		O	N	L	Y																										EM 2000
	123.4	13	13.1	9.6	12.1	62.8																									47.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4F

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-17A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 4'-6"
TOTAL AREA: 51.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

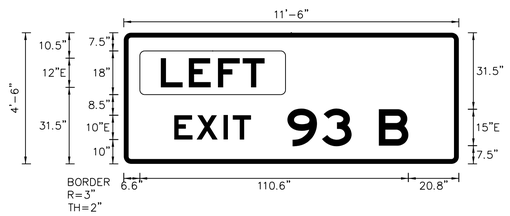
SYMBOL	X	Y	WID	HT
LEFT	13.7	28.5	60	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "LEFT" panel shall be yellow Grade C sheeting on 0.32" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
4. Use Attachment Method 1-L.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2
Spacing Factor for "LEFT" is 1.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		L	E	F	T																										E 2000
	15.2	11.6	12	10.2	9	80																									42.8
		E	X	I	T																										E 2000
	20.8	9.2	11.1	3.8	7.5	85.6																									31.6
		9	3		B																										E 2000
	67.4	14.2	12.2	11.2	12.2	20.8																									49.8

SIGN NUMBER: 1-17B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 18'-0"
TOTAL AREA: 333.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 6
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

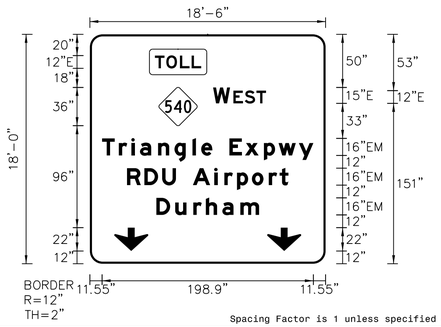
SYMBOL	X	Y	WID	HT
NC363A	65.1	130	36	36
Type C Arrow	23	12	32	22
Type C Arrow	167	12	32	22
TOLL	56.1	178	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	61.3	10.7	12.8	11	9	117.1																									43.6
		W		E	S	T																									E 2000
	116.1	15.9	3.2	10.7	11	9	56.1																								49.8
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	11.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	11.6															198.9
		R	D	U		A	i	r	p	o	r	t																			EM 2000
	35	16.3	16.8	13	16	20	9.6	11.8	14.1	15.8	10.2	8.3	35																		152
		D	u	r	h	a	m																								EM 2000
	62.7	17.8	17	11.8	15.5	17	17.6	62.7																							96.6

SIGN NUMBER: 1-18B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 15'-6"
TOTAL AREA: 348.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 6
LENGTH: 262.0

BACKG COLOR: Green
COPY COLOR: White

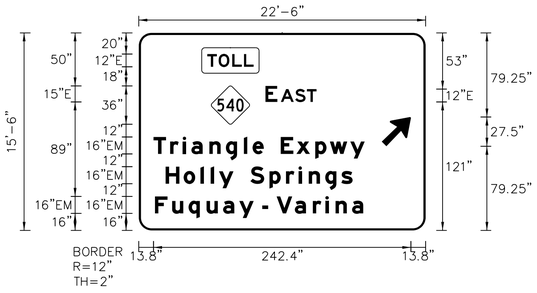
SYMBOL	X	Y	WID	HT
NC363A	68.2	100	36	36
Type A Arrow	228.7	79.3	22.3	35
TOLL	59.2	148	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									E 2000
	119.2	11.3	3.2	13.6	11	9	102.7																								48.1
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	13.8	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	57.3															198.9
		H	o	l	l	y		S	p	r	i	n	g	s																	EM 2000
	25.2	17	15.8	9.6	7.8	13.6	16	17.9	15.5	11.8	9.6	15.5	15.2	10.6	68.8																176
		F	u	q	u	o	y		–		V	o	r	i	n	o															EM 2000
	15.2	16.2	15.5	17	15.5	15.2	13.6	8	5.6	8	17.1	17	11.8	9.6	15.5	10.6	58.7														196.2

SIGN NUMBER: 1-19B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 3'-6"
TOTAL AREA: 64.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 214.0

BACKG COLOR: White
COPY COLOR: Black

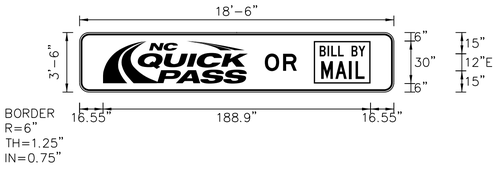
SYMBOL	X	Y	WID	HT
NC QUICK PASS	16.6	6	102.3	30
BILL BY MAIL	165.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Atttachment Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												E 2000
	130.9	12.8	9.7	68.6																											22.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4G

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-19C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 13'-0"
TOTAL AREA: 240.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

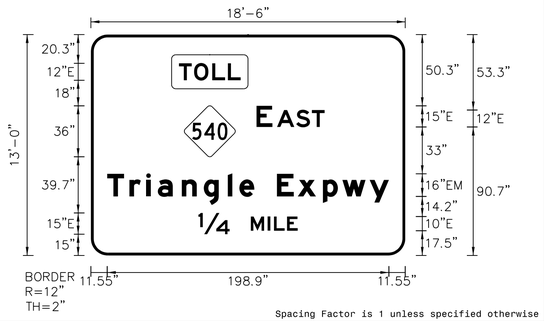
SYMBOL	X	Y	WID	HT
NC363A	66	69.7	36	36
TOLL	57	129.7	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	62.2	10.7	12.8	11	9	116.2																								43.6
		E		A	S	T																								E 2000
	117	11.3	3.2	13.6	11	9	57																							48.1
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	11.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	11.6														198.9
		1/4		M	I	L	E																							E 2000
	76	22	15	12	4.4	9.2	7.5	76																						70.1

SIGN NUMBER: 1-20A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 2'-6"
TOTAL AREA: 28.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

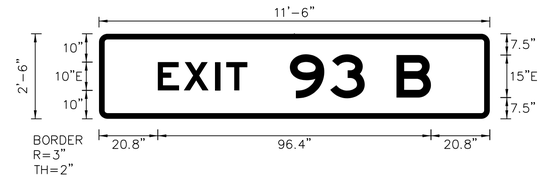
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

								Series/Size Text Length
		E	X	I	T			E 2000
	20.8	9.2	11.1	3.8	7.5	85.6		31.6
		9	3		B			E 2000
	67.4	14.2	12.2	11.2	12.2	20.8		49.8

SIGN NUMBER: 1-20C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 15'-6"
TOTAL AREA: 348.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 6
LENGTH: 262.0

BACKG COLOR: Green
COPY COLOR: White

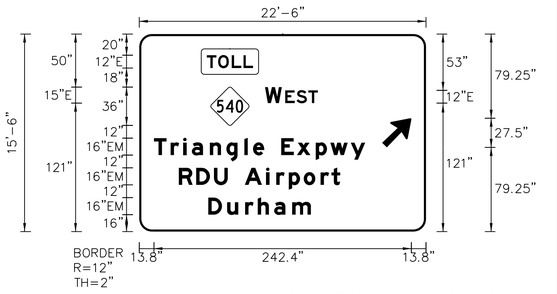
SYMBOL	X	Y	WID	HT
NC363A	67.3	100	36	36
Type A Arrow	228.7	79.3	22.3	35
TOLL	58.3	160	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	63.6	10.7	12.8	11	9	162.9																									43.6
		W		E	S	T																									E 2000
	118.3	15.9	3.2	10.7	11	9	101.8																								49.8
		T	r	i	o	n	g	l	e		E	x	p	w	y																EM 2000
	13.8	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	57.3															198.9
		R	D	U		A	i	r	p	o	r	t																			EM 2000
	37.3	16.3	16.8	13	16	20	9.6	11.8	14.1	15.8	10.2	8.3	80.8																		152
		D	u	r	h	o	m																								EM 2000
	64.9	17.8	17	11.8	15.5	17	17.6	108.4																							96.6

SIGN NUMBER: 1-21
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 8'-6"
TOTAL AREA: 97.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

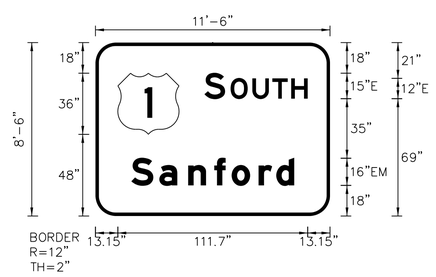
SYMBOL	X	Y	WID	HT
M1_4	13.1	48	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S		O	U	T	H																								E 2000
	64.1	12.2	3.2	12.8	11.8	11	9.7	13.1																							60.7
		S	o	n	f	o	r	d																							EM 2000
	21.1	16.5	17	15.4	10.2	15.8	10.4	10.6	21.1																						95.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4H

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-22A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

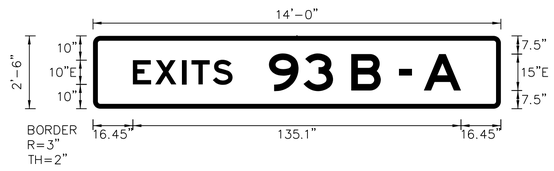
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T	S																									E 2000
	16.4	9.2	11.1	3.8	8.8	8.1	110.5																								41
		9	3		B		-		A																						E 2000
	72.5	14.3	12.2	7.5	12.2	7.5	5.3	5	15.3	16.4																					79.1

SIGN NUMBER: 1-22B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 23'-0"
HEIGHT: 3'-6"
TOTAL AREA: 80.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 268.0

BACKG COLOR: White
COPY COLOR: Black

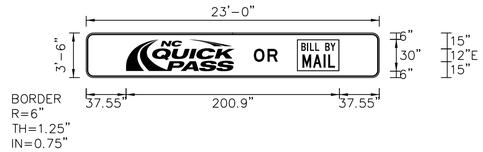
SYMBOL	X	Y	WID	HT
NC QUICK PASS	37.6	6	102.3	30
BILL BY MAIL	198.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												
	157.9	12.8	9.7	95.6																											E 2000 22.6

SIGN NUMBER: 1-22C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 23'-0"
HEIGHT: 8'-0"
TOTAL AREA: 184.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 268.0

BACKG COLOR: Green
COPY COLOR: White

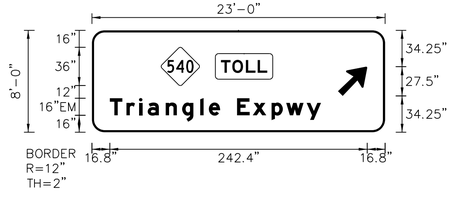
SYMBOL	X	Y	WID	HT
NC363A	65.2	44	36	36
Type A Arrow	231.7	34.3	22.3	35
TOLL	116.3	50	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	16.8	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	60.3															198.9

SIGN NUMBER: 1-23B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 8'-0"
TOTAL AREA: 116.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 166.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

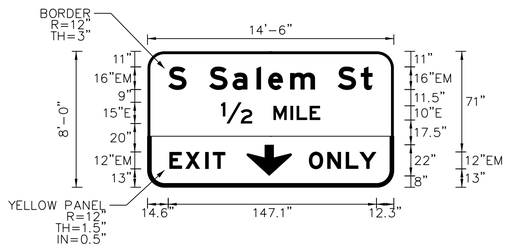
SYMBOL	X	Y	WID	HT
Type C Arrow	70	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 174" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S		S	a	l	e	m		S	t																				EM 2000
	14.6	13	16	16.5	17	8.2	15.5	17.6	16	16.3	8.3	15.1																			144.3
		1/2		M	I	L	E																								E 2000
	52	22	15	12	4.4	9.2	7.5	52																							70.1
		E	X	I	T																										EM 2000
	15.5	11.2	14	5.4	8.9	119																									39.5
		O	N	L	Y																										EM 2000
	114	13	13.1	9.6	12.1	12.3																									47.8

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TIP NO.	SHEET NO.
DE00325	SIGN-1-41

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB84596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-24
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 6'-6"
TOTAL AREA: 48.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.5"
WIDTH: 1.5"
RADII: 9"
NO. Z BARS: 2
LENGTH: 82.0

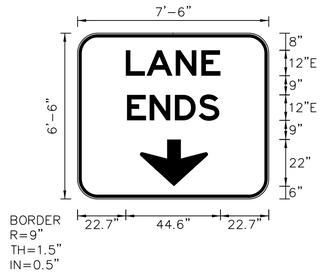
BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
Type C Arrow	29.4	6	32.1	22

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		L	A	N	E																									E 2000
	22.7	9.7	13.8	12.1	9	22.7																								44.6
		E	N	D	S																									E 2000
	23.3	10.7	11.9	11.1	9.7	23.3																								43.5

SIGN NUMBER: 1-25B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15'-6"
HEIGHT: 12'-6"
TOTAL AREA: 193.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 4
LENGTH: 178.0

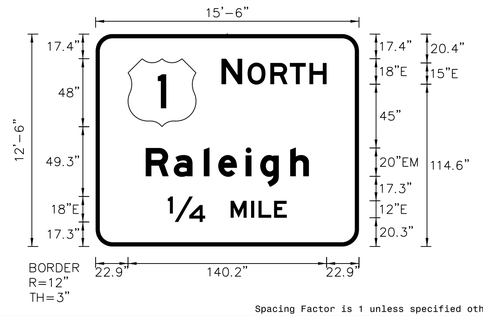
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	22.9	84.6	48	48

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	88.9	14.6	3.8	16.1	13.8	13.8	12.2	22.9																						74.2
		R	a	l	e	i	g	h																						EM 2000
	35.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	35.4																					115.2
		1/4		M	I	L	E																							E 2000
	51	26.4	18	14.4	5.3	11	9	51																						84.1

SIGN NUMBER: 1-26B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 13'-0"
TOTAL AREA: 221.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 196.0

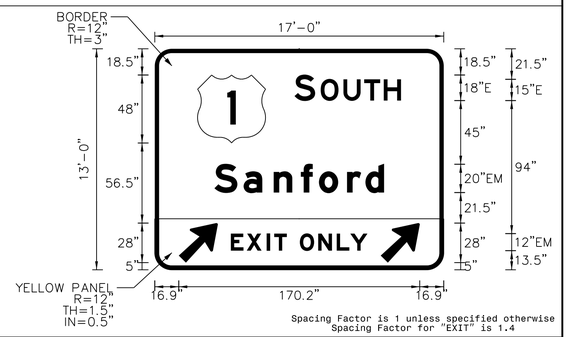
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
M1_4	30.2	89.5	48	48
Type A Arrow	16.9	5	22.3	35.6
Type A Arrow	159.5	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow(s) shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 204" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	98.6	14.6	3.9	16.1	14.7	13.8	12.2	30.2																						75.2
		S	a	n	f	o	r	d																						EM 2000
	42.1	20.6	21.2	19.2	12.8	19.8	13	13.2	42.1																					119.8
		E	X	I	T																									EM 2000
	53.7	11.2	14	5.4	8.9	110.8																								39.5
		O	N	L	Y																									EM 2000
	102.4	13	13.1	9.6	12.1	53.8																								47.8

SIGN NUMBER: 1-27B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 6'-0"
TOTAL AREA: 87.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 166.0

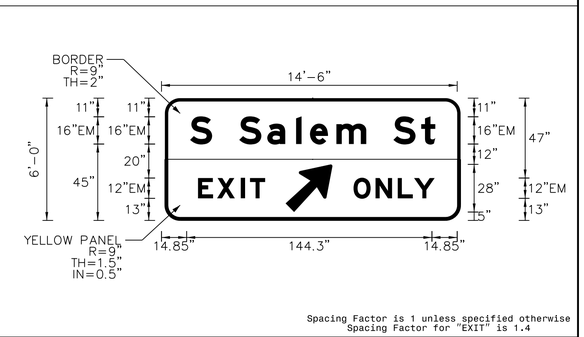
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
Type A Arrow	71	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 174" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 9")

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		S	a	l	e	m		S	t																			EM 2000
	14.8	13	16	16.5	17	8.2	15.5	17.6	16	16.3	8.3	14.8																		144.3
		E	X	I	T																									EM 2000
	19.5	11.2	14	5.4	8.9	115																								39.5
		O	N	L	Y																									EM 2000
	111	13	13.1	9.6	12.1	15.2																								47.8

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DE00325	SIGN-1-4J

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-28B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15'-6"
HEIGHT: 12'-6"
TOTAL AREA: 193.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 4
LENGTH: 178.0

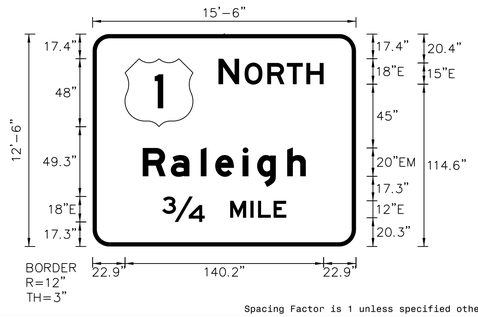
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	22.9	84.6	48	48

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	88.9	14.6	3.8	16	13.8	13.8	12.2	22.9																						74.2
		R	a	l	e	i	g	h																						EM 2000
	35.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	35.4																					115.2
		3/4		M	I	L	E																							E 2000
	49.2	30	18	14.4	5.3	11	9	49.2																						87.7

SIGN NUMBER: 1-29B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 13'-0"
TOTAL AREA: 188.5 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 166.0

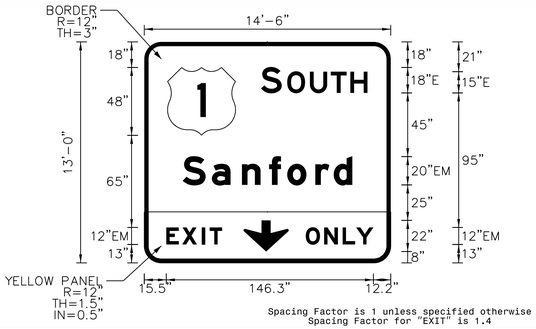
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
M1_4	16.4	90	48	48
Type C Arrow	70	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 174" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	82.4	14.6	3.9	16	14.7	13.8	12.2	16.4																						75.2
		S	a	n	f	o	r	d																						EM 2000
	27.1	20.6	21.2	19.2	12.8	19.8	13	13.2	27.1																					119.8
		E	X	I	T																									EM 2000
	15.5	11.2	14	5.4	8.9	119																								39.5
		O	N	L	Y																									EM 2000
	114	13	13.1	9.6	12.1	12.2																								47.8

SIGN NUMBER: 1-30A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

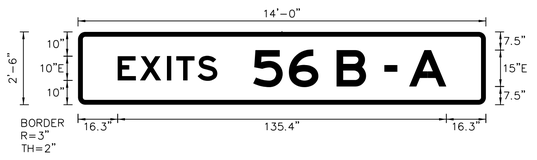
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T	S																								E 2000
	16.3	9.2	11.1	3.8	8.8	8.1	110.6																							41
		5	6		B		–		A																					E 2000
	72.1	14.7	12.2	7.5	12.2	7.5	5.3	5	15.3	16.3																				79.6

SIGN NUMBER: 1-30B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 16'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 160.0

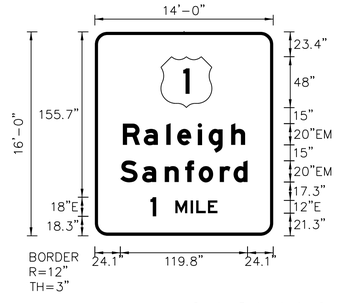
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	62.3	120.6	48	48

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		R	a	l	e	i	g	h																						EM 2000
	26.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	26.4																					115.2
		S	o	n	f	o	r	d																						EM 2000
	24.1	20.6	21.2	19.2	12.8	19.8	13	13.2	24.1																					119.8
		1		M	I	L	E																							E 2000
	52.4	5.4	18	14.4	5.3	11	9	52.5																						63.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4K

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-31B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-0"
HEIGHT: 3'-6"
TOTAL AREA: 63.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

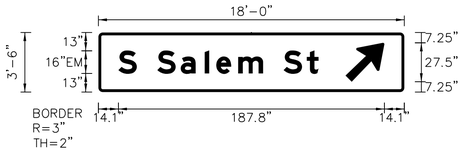
SYMBOL	X	Y	WID	HT
Type A Arrow	174.4	7.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		S		S	a	l	e	m		S	t																		Series/Size Text Length
	14.1	13	14.5	16.5	17	8.2	15.5	17.6	14.5	16.3	8.3	60.6																	EM 2000 141.3

SIGN NUMBER: 1-32A, 1-34A
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

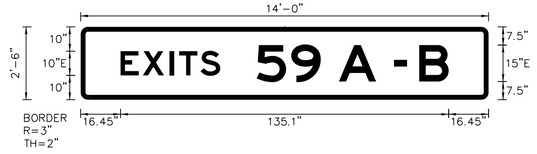
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T	S																							Series/Size Text Length
	16.4	9.2	11.1	3.8	8.8	8.1	110.5																						E 2000 41
		5	9		A		–		B																				E 2000
	72.5	14.3	12.2	7.5	15.3	7.5	5.3	5	12.2	16.4																			79.1

SIGN NUMBER: 1-32B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 12'-6"
TOTAL AREA: 175.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

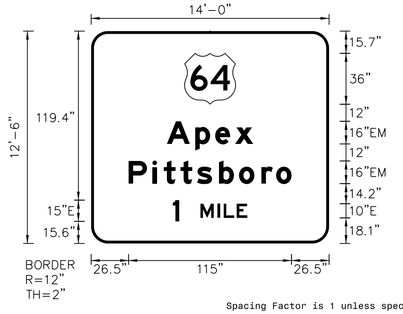
SYMBOL	X	Y	WID	HT
M1_4	66	98.3	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		A	p	e	x																								Series/Size Text Length
	53.5	20	14.1	14.1	12.8	53.5																							EM 2000 61
		P	i	t	t	s	b	o	r	o																			E 2000
	26.5	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	26.5																		115
		1		M	I	L	E																						E 2000
	57.7	4.5	15	12	4.4	9.2	7.5	57.7																					52.6

SIGN NUMBER: 1-33B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 5'-6"
TOTAL AREA: 79.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

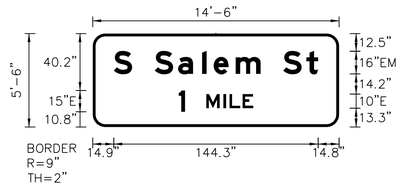
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		S		S	a	l	e	m		S	t																		Series/Size Text Length
	14.9	13	16	16.5	17	8.2	15.5	17.6	16	16.3	8.3	14.8																	EM 2000 144.3
		1		M	I	L	E																						E 2000
	60.7	4.5	15	12	4.4	9.2	7.5	60.7																					52.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4L

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-34B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 12'-6"
TOTAL AREA: 175.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

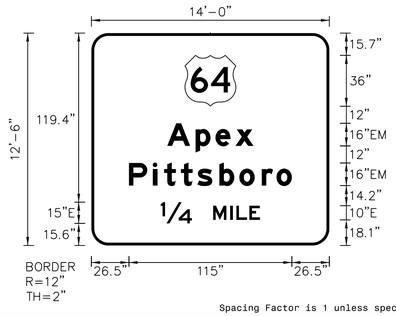
SYMBOL	X	Y	WID	HT
M1_4	66	98.3	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		A	p	e	x																										EM 2000
	53.5	20	14.1	14.1	12.8	53.5																									61
		P	i	t	t	s	b	o	r	o																					EM 2000
	26.5	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	26.5																				115
		1/4		M	I	L	E																								E 2000
	49	22	15	12	4.4	9.2	7.5	49																							70.1

SIGN NUMBER: 1-35B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 5'-6"
TOTAL AREA: 79.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

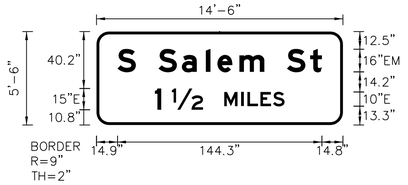
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S		S	a	l	e	m		S	t																				EM 2000
	14.9	13	16	16.5	17	8.2	15.5	17.6	16	16.3	8.3	14.8																			144.3
		1		1/2		M	I	L	E	S																					E 2000
	41.2	4.5	7.5	22	15	12	4.4	9.2	8.9	8.1	41.2																				91.6

SIGN NUMBER: 1-101A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

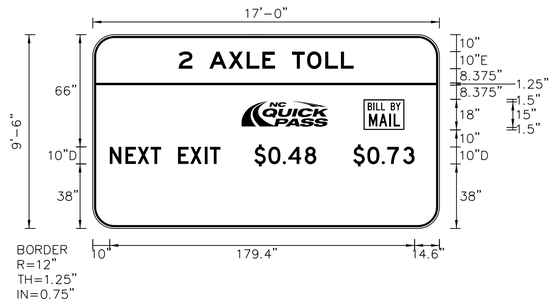
SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		2		A	X	L	E		T	O	L	L																			D 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																		103
		N	E	X	T		E	X	I	T																					D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	28.9																				65.1
		$	0	.	4	8																									D 2000
	95	8.3	8.5	3.2	9.7	6.8	72.5																								36.5
		$	0	.	7	3																									D 2000
	153.2	8.3	8.5	3.2	9.3	6.8	14.6																								36.2

SIGN NUMBER: 1-101B, 1-107B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 17'-0"
HEIGHT: 2'-6"
TOTAL AREA: 42.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

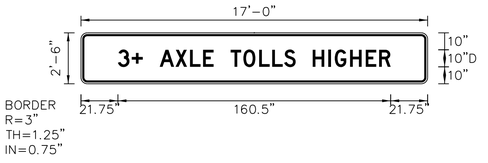
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R										D 2000
	21.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	21.7									160.5

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4M

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-102, 1-104 BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 2

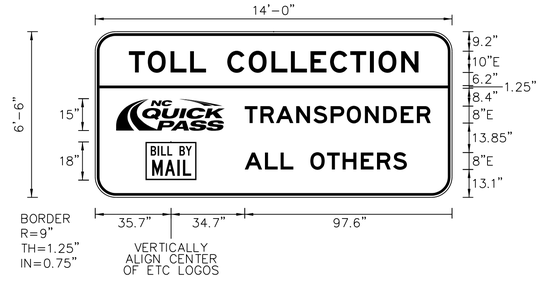
SYMBOL	X	Y	WID	HT
NC QUICK PASS	9.8	31.3	51.1	15
BILL BY MAIL	23.6	8.1	24	18

SIGN WIDTH: 14'-0"
HEIGHT: 6'-6"
TOTAL AREA: 91.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: 2
LENGTH: 160.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L		C	O	L	L	E	C	T	I	O	N														E 2000
	15.8	8.9	10.7	9.2	7.5	10	10.1	10.7	9.2	9.2	9.2	9.5	9.2	4.1	10.7	8.1	15.9													136.3
		T	R	A	N	S	P	O	N	D	E	R																		E 2000
	70.4	7.4	7.4	9.5	8.1	8.1	7.6	8.6	8.6	8.3	7.6	6.5	10.1																	87.5
		A	L	L		O	T	H	E	R	S																			E 2000
	70.4	9.5	7.4	6	8	7.8	7.4	8.6	7.6	7.6	6.5	21.3																		76.3

SIGN NUMBER: 1-103A BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

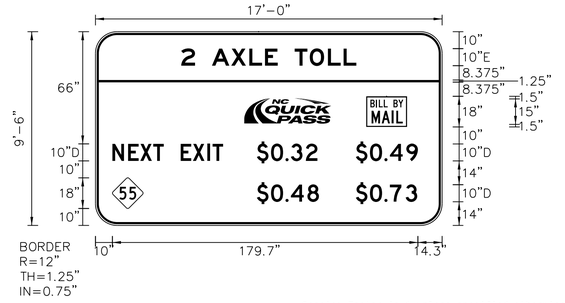
SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_5	10	10	18	18

SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: 3
LENGTH: 196.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on O.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Fabricate NC 55 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2		A	X	L	E		T	O	L	L																		E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																	103
		N	E	X	T		E	X	I	T																				D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	28.9																			65.1
		$	0	.	3	2																								D 2000
	95	8.3	8.5	3.2	8.8	6.8	73.4																							35.6
		$	0	.	4	9																								D 2000
	153.2	8.3	8.5	3.2	9.7	6.8	14.3																							36.5
		$	0	.	4	8																								D 2000
	95	8.3	8.5	3.2	9.7	6.8	72.5																							36.5
		$	0	.	7	3																								D 2000
	153.2	8.3	8.5	3.2	9.3	6.8	14.6																							36.2

SIGN NUMBER: 1-103B BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

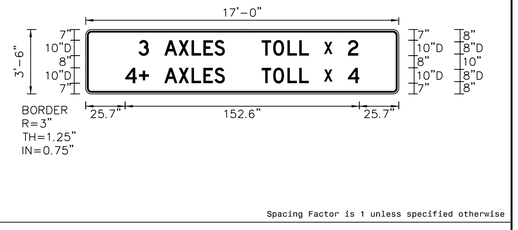
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 17'-0"
HEIGHT: 3'-6"
TOTAL AREA: 59.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: 2
LENGTH: 196.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		3		A	X	L	E	S																							D 2000
	34.4	6.8	10	9.3	8.5	7.7	7.2	6.8	113.3																					56.3
		X																												D 2000
	155.3	5.4	43.2																											5.4
		T	O	L	L																									D 2000
	114.6	7.5	9.3	7.7	6.2	58.7																								30.7
		2																												D 2000
	170.8	6.8	26.4																											6.8
		4	+		A	X	L	E	S																					D 2000
	25.7	9	6.5	10	9.3	8.5	7.7	7.2	6.8	113.4																				64.9
		X																												D 2000
	155.3	5.4	43.2																											5.4
		T	O	L	L																									D 2000
	114.6	7.5	9.3	7.7	6.2	58.7																								30.7
		4																												D 2000
	170.8	7.5	25.7																											7.5

SIGN NUMBER: 1-105A BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

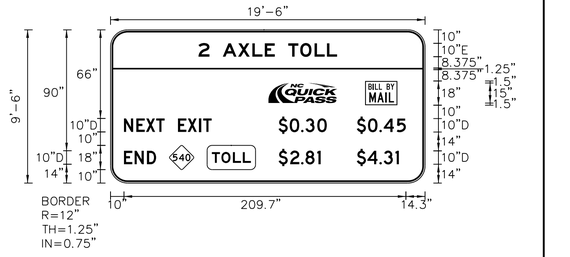
SYMBOL	X	Y	WID	HT
NC QUICK PASS	117.5	59.5	51.2	15
BILL BY MAIL	189.4	57.9	24	18
NC243A	43.9	10	18	18
TOLL	71.9	10	36	18

SIGN WIDTH: 19'-6"
HEIGHT: 9'-6"
TOTAL AREA: 185.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 226.0
MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on O.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on O.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. "TOLL" panel shall be yellow Grade C sheeting on O.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
7. Proposed support spacing is 7.50'.
8. Fabricate NC 540 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2		A	X	L	E		T	O	L	L																		E 2000
	65.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	65.5																	103.1
		N	E	X	T		E	X	I	T																				D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	58.8																			65.2
		E	N	D																										D 2000
	10	7.9	9.2	6.8	200.1																									23.9
		$	0	.	3	0																								D 2000
	125	8.3	8.5	3.2	8.8	7.1	73.1																							35.9
		$	0	.	4	5																								D 2000
	183.2	8.3	8.5	3.2	9.7	6.8	14.3																							36.5
		$	2	.	8	1																								D 2000
	125	8.6	8.2	3.2	8.8	2.5	77.7																							31.3
		$	4	.	3	1																								D 2000
	183.2	7.9	8.9	3.2	8.5	2.5	19.5																							31.0

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4N

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-105B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 3'-6"
TOTAL AREA: 68.2 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 226.0

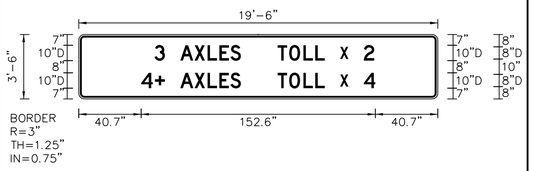
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Proposed support spacing is 7.50'.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

| | | | |

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4O

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-201A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 9'-0"
HEIGHT: 9'-6"
TOTAL AREA: 85.5 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 100.0

BACKG COLOR: Yellow/Green
COPY COLOR: Black/White

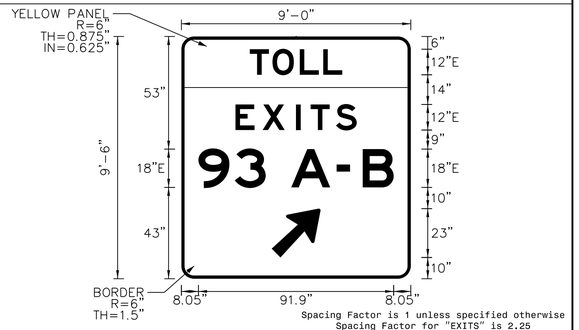
SYMBOL	X	Y	WID	HT
Type A Arrow	42.5	10	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 108" X 24". (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	32.2	10.7	12.8	11	9	32.2																								43.6
		E	X	I	T	S																								E 2000
	25.5	12.8	15.8	6.8	12	9.7	25.5																							57.1
		9	3		A		–		B																					E 2000
	8	17.1	14.6	12	18.4	3	6.3	6	14.6	8																				91.9

SIGN NUMBER: 1-201B
TYPE: B
QUANTITY: 1
SIGN WIDTH: 9'-0"
HEIGHT: 2'-0"
TOTAL AREA: 18.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Yellow
COPY COLOR: Black

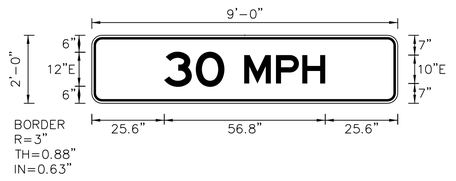
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		3	0		M	P	H																							E 2000
	25.6	11.1	10.1	7	11.2	9.3	8.1	25.6																						56.8

SIGN NUMBER: 1-301, 1-302
TYPE: D
QUANTITY: 2
SIGN WIDTH: 4'-0"
HEIGHT: 1'-6"
TOTAL AREA: 6.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

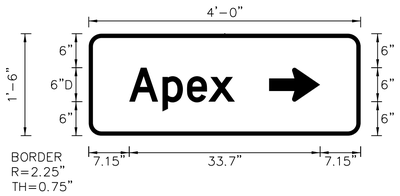
SYMBOL	X	Y	WID	HT
Type D Arrow	31.8	6	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									D 2000
	7.2	5.9	4.3	3.8	4.7	22.2																								18.7

SIGN NUMBER: 1-303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 2'-0"
TOTAL AREA: 17.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

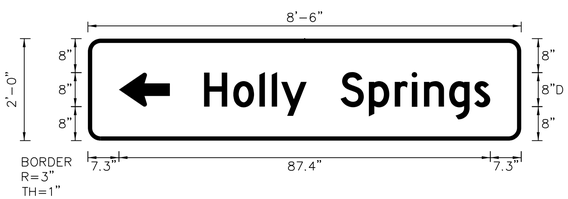
SYMBOL	X	Y	WID	HT
Type D Arrow	7.3	8	8	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	o	l	l	y		S	p	r	i	n	g	s																D 2000
	27.3	6.9	6.2	2.9	2.2	6	8	6.6	6.1	4	2.9	5.9	5.9	3.8	7.3															67.4

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TIP NO.	SHEET NO.
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-304 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Type D Arrow	12	25.2	8	12
Type D Arrow	42	6.8	8	12

SIGN WIDTH: 5'-6"
HEIGHT: 3'-6"
TOTAL AREA: 19.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"

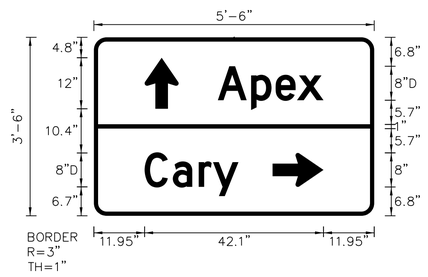
MAT'L: 0.125" ALUMINUM

NO. Z BARS: N/A
LENGTH: N/A

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									D 2000
	29.2	7.8	5.8	5	6.2	11.9																								24.9
		C	a	r	y																									D 2000
	12	6.6	6.1	3.4	6	32																								22.1

SIGN NUMBER: 1-305, 1-306 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type D Arrow	11.7	19.4	6	9
Type D Arrow	44.8	4.7	6	9

SIGN WIDTH: 5'-0"
HEIGHT: 2'-6"
TOTAL AREA: 12.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

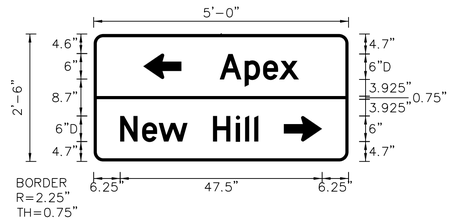
MAT'L: 0.125" ALUMINUM

NO. Z BARS: N/A
LENGTH: N/A

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacings are as follows:
   1-305 = 3.05'
   1-306 = 2.97'

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									D 2000
	29.7	5.9	4.3	3.8	4.7	13.2																								18.7
		N	e	w		H	i	l	l																					D 2000
	6.2	5.2	3.9	6.8	6	5.4	2.2	2.2	1	21.2																				32.5

SIGN NUMBER: 1-307 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Type D Arrow	16.7	17.8	6	9
Type D Arrow	62.8	4.7	6	9

SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

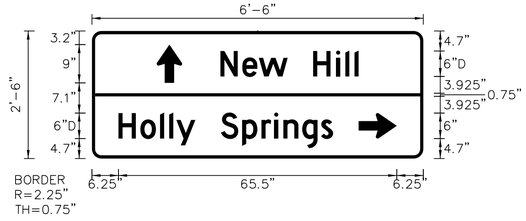
MAT'L: 0.125" ALUMINUM

NO. Z BARS: N/A
LENGTH: N/A

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 4.56'.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		N	e	w		H	i	l	l																					D 2000
	28.7	5.2	3.9	6.8	6	5.4	2.2	2.2	1	16.7																				32.5
		H	o	l	l	y		S	p	r	i	n	g	s																D 2000
	6.2	5.2	4.6	2.2	1.7	4.5	6	5	4.6	3	2.2	4.4	4.4	2.8	21.2															50.5

SIGN NUMBER: 1-308 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Type D Arrow	8.7	17.8	6	9
Type D Arrow	7.2	4.7	6	9

SIGN WIDTH: 4'-0"
HEIGHT: 2'-6"
TOTAL AREA: 10.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"

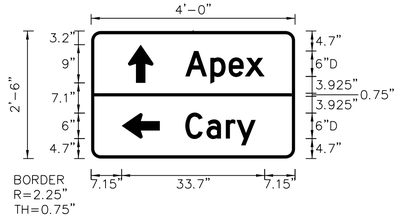
MAT'L: 0.125" ALUMINUM

NO. Z BARS: N/A
LENGTH: N/A

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 2.67'.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									D 2000
	22.2	5.9	4.3	3.8	4.7	7.2																								18.7
		C	o	r	y																									D 2000
	22.2	5	4.6	2.5	4.5	9.3																								16.6

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-309
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

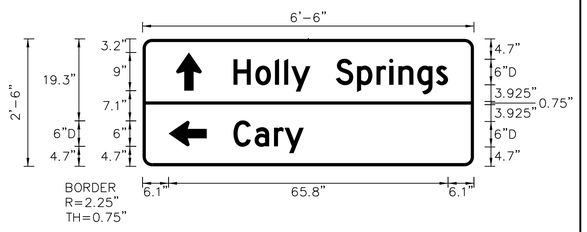
SYMBOL	X	Y	WID	HT
Type D Arrow	7.9	17.8	6	9
Type D Arrow	6.1	4.7	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		H	o	l	l	y		S	p	r	i	n	g	s																	D 2000
	21.4	5.2	4.6	2.2	1.7	4.5	6	5	4.6	3	2.2	4.4	4.4	2.8	6.1																50.5
		C	a	r	y																										D 2000
	21.4	5	4.6	2.5	4.5	40.1																									16.6

SIGN NUMBER: 1-310
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

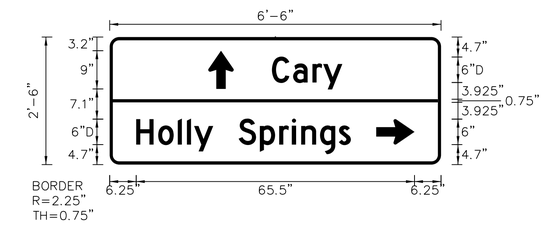
SYMBOL	X	Y	WID	HT
Type D Arrow	23.2	17.8	6	9
Type D Arrow	62.8	4.7	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		C	a	r	y																										D 2000
	38.2	5	4.6	2.5	4.5	23.2																									16.6
		H	o	l	l	y		S	p	r	i	n	g	s																	D 2000
	6.3	5.2	4.6	2.2	1.7	4.5	6	5	4.6	3	2.2	4.4	4.4	2.8	21.2																50.5

SIGN NUMBER: 1-311
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

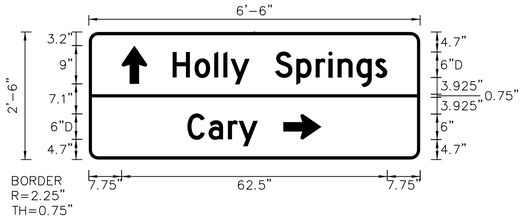
SYMBOL	X	Y	WID	HT
Type D Arrow	7.7	17.8	6	9
Type D Arrow	45.8	4.7	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 4.27'.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		H	o	l	l	y		S	p	r	i	n	g	s																	D 2000
	19.7	5.2	4.6	2.2	1.7	4.5	6	5	4.6	3	2.2	4.4	4.4	2.8	7.7																50.5
		C	a	r	y																										D 2000
	23.2	5	4.6	2.5	4.5	38.2																									16.6

SIGN NUMBER: 1-312
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

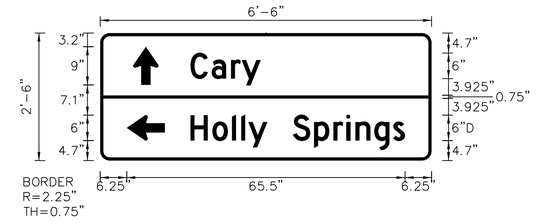
SYMBOL	X	Y	WID	HT
Type D Arrow	7.8	17.8	6	9
Type D Arrow	6.2	4.7	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 4.98'.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		C	a	r	y																										D 2000
	21.2	5	4.6	2.5	4.5	40.2																									16.6
		H	o	l	l	y		S	p	r	i	n	g	s																	D 2000
	21.2	5.2	4.6	2.2	1.7	4.5	6	5	4.6	3	2.2	4.4	4.4	2.8	6.2																50.5

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4R

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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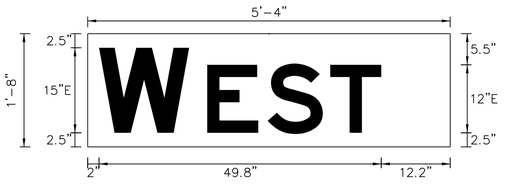
SIGN NUMBER: 1-601, 1-613 BACKG COLOR: Green
TYPE: OVERLAY (OVHD) COPY COLOR: White
QUANTITY: 2
SIGN WIDTH: 5'-4"
HEIGHT: 1'-8"
TOTAL AREA: 8.9 Sq.Ft.
BORDER TYPE: N/A
RECESS: N/A
WIDTH: N/A
RADII: N/A
NO. Z BARS: N/A
LENGTH: N/A

SYMBOL	X	Y	WID	HT

MAT'L: 0.063" ALUMINUM

NOTES:
1. Legend shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		W		E	S	T			Series/Size Text Length
	2	15.9	3.2	10.7	11	9	12.2		E 2000 49.8

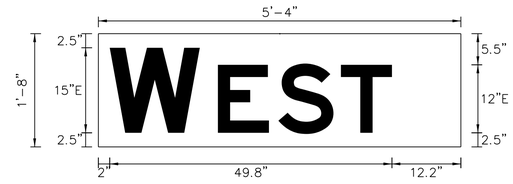
SIGN NUMBER: 1-602 BACKG COLOR: Green
TYPE: OVERLAY COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 5'-4"
HEIGHT: 1'-8"
TOTAL AREA: 8.9 Sq.Ft.
BORDER TYPE: N/A
RECESS: N/A
WIDTH: N/A
RADII: N/A
NO. Z BARS: N/A
LENGTH: N/A

SYMBOL	X	Y	WID	HT

MAT'L: 0.063" ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		W		E	S	T			Series/Size Text Length
	2	15.9	3.2	10.7	11	9	12.2		E 2000 49.8

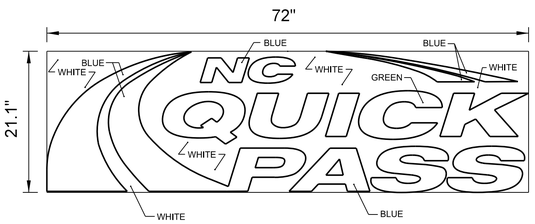
SIGN NUMBER: 1-603, 1-608 BACKG COLOR: WHITE
COPY COLOR: BLUE/GREEN
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72"
HEIGHT: 21.1"
TOTAL AREA: 10.55 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0"
WIDTH: 0"
RADII: 0"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

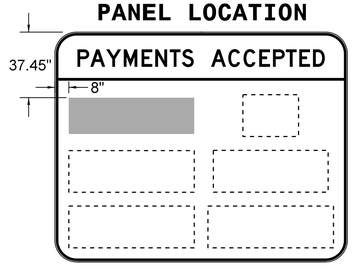
MAT'L: 0.032" ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Blue is 294.
4. Approved PANTONE matching color for Green is 342.

DESIGN BY: JAW CHECKED BY: ADK
DATE: May 2021



PANEL LOCATION



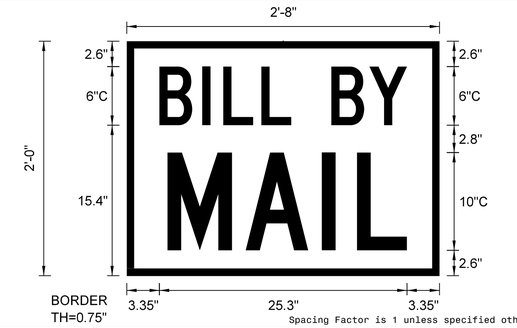
SIGN NUMBER: 1-604, 1-609 BACKG COLOR: WHITE
TYPE: OVRLY COPY COLOR: BLACK
QUANTITY: 2
SIGN WIDTH: 32"
HEIGHT: 24"
TOTAL AREA: 5.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 0"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

MAT'L: 0.032" ALUMINUM

NOTES:
1. Legend and border shall be non-relective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
DATE: May 2021



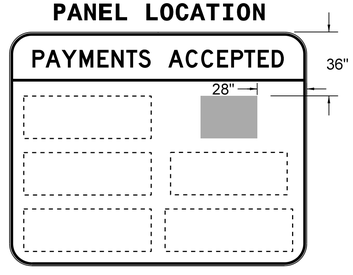
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		B	I	L	L		B	Y				Series/Size Text Length
	3.3	4.4	2.2	3.9	3.1	4.1	3.9	3.8	3.3			C 2000 25.3
		M	A	I	L							C 2000
	4.2	8	7.8	3.6	5.1	3.3						24.5

PANEL LOCATION



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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 96150090-A363-4800-8FDC-BF0BCA9A9F3A

TIP NO.	SHEET NO.
DE00325	SIGN-1-4S

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-605, 1-610
BACKG COLOR: PURPLE
COPY COLOR: WHITE

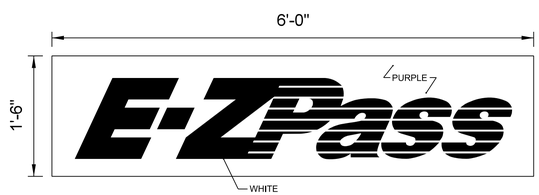
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72″
HEIGHT: 18″
TOTAL AREA: 9 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

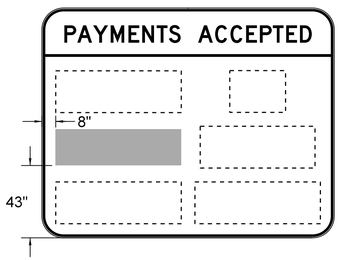
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Purple is 259.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 1-606, 1-611
BACKG COLOR: WHITE
COPY COLOR: VARIOUS

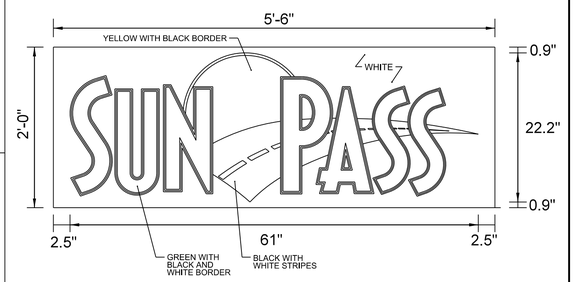
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 66″
HEIGHT: 24″
TOTAL AREA: 11 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

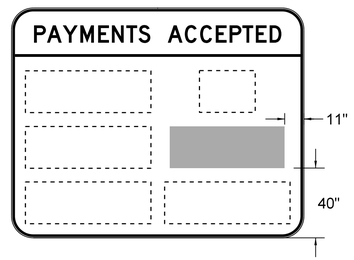
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 1-607, 1-612
BACKG COLOR: WHITE
COPY COLOR: VARIOUS

TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72″
HEIGHT: 24″
TOTAL AREA: 12 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

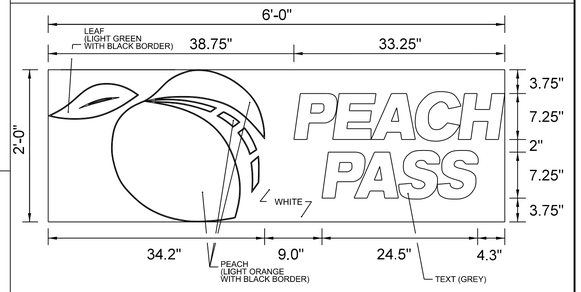
SYMBOL	X	Y	WID	HT
PEACH	0	0	34.2	24

MAT'L: 0.032″ ALUMINUM

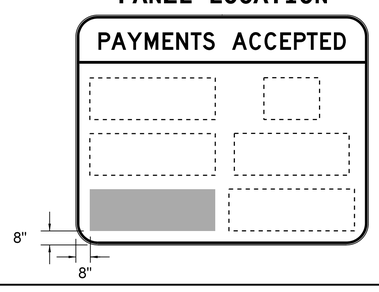
NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.
3. Font is Helvetica Neue Black Italic.

COLORS	
PEACH	PANTONE 163 TRANSLUCENT
LEAF	PANTONE 368 TRANSLUCENT
TEXT	PANTONE 9 OPAQUE

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 1-701, 1-722
BACKG COLOR: White
COPY COLOR: Black

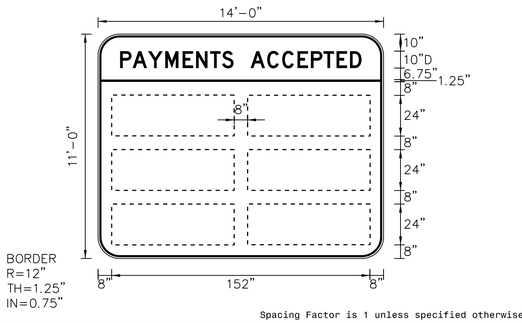
TYPE: A
QUANTITY: 2
SIGN WIDTH: 14′-0″
HEIGHT: 11′-0″
TOTAL AREA: 154.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75″
WIDTH: 1.25″
RADII: 12″
NO. Z BARS: 3
LENGTH: 160.0

SYMBOL	X	Y	WID	HT
ETC LOGO	8	72	72	24
ETC LOGO	88	72	72	24
ETC LOGO	8	40	72	24
ETC LOGO	88	40	72	24
ETC LOGO	8	8	72	24
ETC LOGO	88	8	72	24

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Logos shall be Grade C reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Maximum size for an interoperable agency's logo shall be 72″ x 24″.
5. Interoperable agency's logos shall be vertically and horizontally centered within space provided.
6. Existing support spacings are as follows:
   1-701 = 8.17′ 1-722 = 8.80′
7. Existing support sizes are as follows:
   1-701 = W14x30 1-722 = W8x21

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	P	A	Y	M	E	N	T	S		A	C	C	E	P	T	E	D										Series/Size Text Length
13	7.4	9.1	10.1	10.2	7.9	8.3	7	6.8	10	9.8	8.8	9	7.9	7.4	7.7	7.9	6.8	13									D 2000
																											142.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4T

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-702, 1-703 BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type A Arrow	49	6	18.3	29.3

SIGN WIDTH: 6'-6"
HEIGHT: 5'-0"
TOTAL AREA: 32.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

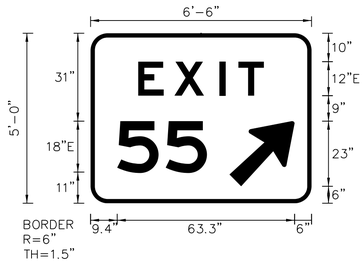
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 70.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   1-702 = 3.85'
   1-703 = 3.85'
5. Existing support sizes are as follows:
   1-702 = S3x5.7
   1-703 = S3x5.7

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T																								E 2000
	16.8	12.8	15.8	6.8	9	16.8																							44.4
		5	5																										E 2000
	9.4	17.1	14.6	36.9																									31.7

SIGN NUMBER: 1-704A BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NC QUICK PASS	68.9	27.6	40.9	12
BILL BY MAIL	122.9	26	20	15
M1_4	8	8	12	12

SIGN WIDTH: 13'-0"
HEIGHT: 6'-0"
TOTAL AREA: 78.0 Sq.Ft.

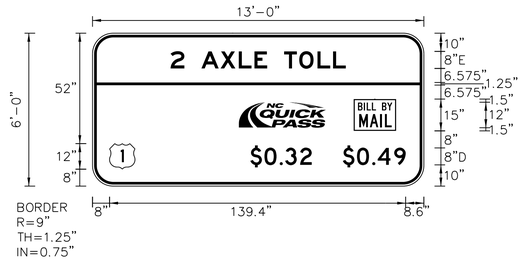
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"
NO. Z BARS: 2
LENGTH: 148.0

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Existing support spacing is 7.60'.
7. Existing support size is W8x18.
8. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	36.8	6.5	8	9	8.6	7.4	6	8	7.1	8.6	7.4	6	36.8																82.5
		$	0	.	3	2																							D 2000
	74.3	6.6	7.2	2.6	7	5.4	52.8																						28.9
		$	0	.	4	9																							D 2000
	117.8	6.6	7.2	2.6	7.8	5.4	8.6																						29.6

SIGN NUMBER: 1-704B, 1-721B BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 13'-0"
HEIGHT: 2'-0"
TOTAL AREA: 26.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"

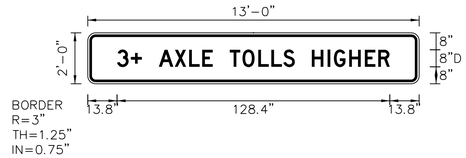
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 148.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Existing support spacings are as follows:
   1-704B = 7.60'
   1-721B = 7.60'
5. Existing support sizes are as follows:
   1-704B = W8x18
   1-721B = W6x16

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R								D 2000
	13.8	6.5	5.2	8	7.4	6.8	6.2	5	8	6	7.4	6.2	5.6	5.4	8	7.4	3	7.2	7.4	6.3	5.4	13.8							128.4

SIGN NUMBER: 1-705, 1-718 BACKG COLOR: Blue/Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 12'-0"
HEIGHT: 10'-6"
TOTAL AREA: 126.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

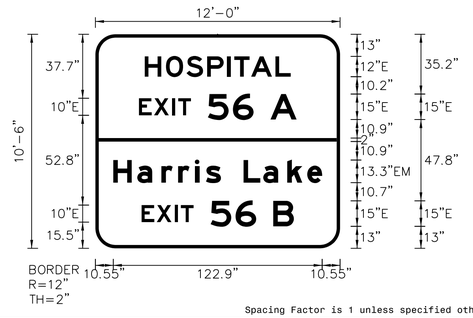
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 3
LENGTH: 136.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacings are as follows:
   1-705 = 7.00'
   1-718 = 4.30'
4. Existing support sizes are as follows:
   1-705 = W6x16
   1-718 = W8x18

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		H	O	S	P	I	T	A	L																				E 2000
	29	12.5	12.1	12.1	11.8	4.2	10	14.3	9	29																			85.9
		E	X	I	T		5	6		A																			E 2000
	25.6	8.9	10.7	3.5	7.5	10	14.7	12.2	10	15.3	25.6																		92.8
		H	a	r	r	i	s		L	a	k	e																	EM 2000
	10.5	14.1	14.1	9.9	9.9	6.5	8.8	13.3	11.6	14.1	11.7	8.8	10.5																122.9
		E	X	I	T		5	6		B																			E 2000
	27.2	8.9	10.7	3.5	7.5	10	14.7	12.2	10	12.2	27.2																		89.6

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SIGN DESIGNS

DocuSign Envelope ID: 96150090-A363-4800-8FDC-BF0BCA9A9F3A

TIP NO.	SHEET NO.
DE00325	SIGN-1-4U

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-706, 1-709A
BACKG COLOR: Green
COPY COLOR: White
TYPE: A
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

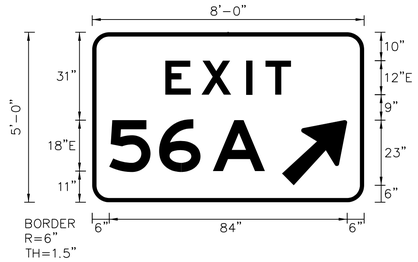
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   1-706 = 4.70'
   1-709A = 4.65'
5. Existing support sizes are as follows:
   1-706 = W6x9
   1-709A = W6x9

DESIGN BY: JAW
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		5	6		A																									E 2000
	6	17.6	14.6	4.4	18.4	35																								55

SIGN NUMBER: 1-707A, 1-708
BACKG COLOR: Green
COPY COLOR: White
TYPE: A
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

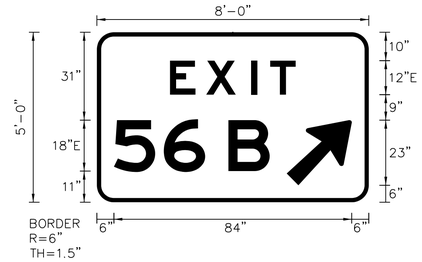
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   1-707A = 4.65'
   1-708 = 4.65'
5. Existing support sizes are as follows:
   1-707A = W6x9
   1-708 = W6x9

DESIGN BY: JAW
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		5	6		B																									E 2000
	6	17.6	14.6	8.2	14.6	35																								55

SIGN NUMBER: 1-707B, 1-709B, 1-710B
BACKG COLOR: Yellow
COPY COLOR: Black
TYPE: B
QUANTITY: 3
SIGN WIDTH: 8'-0"
HEIGHT: 2'-0"
TOTAL AREA: 16.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

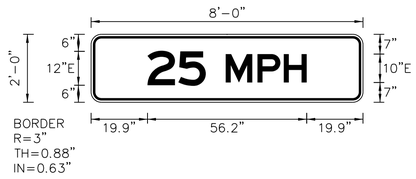
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Existing support spacings are as follows:
   1-707B = 4.65'
   1-709B = 4.65'
   1-710B = 4.70'
5. Existing support sizes are as follows:
   1-707B = W6x9
   1-709B = W6x9
   1-710B = W6x9

DESIGN BY: JAW
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2	5		M	P	H																							E 2000
	19.9	10.9	9.7	7	11.2	9.3	8.1	19.9																						56.2

SIGN NUMBER: 1-710A
BACKG COLOR: Green
COPY COLOR: White
TYPE: A
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

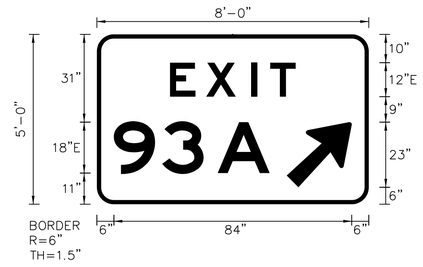
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.70'.
5. Existing support size is W6x9.

DESIGN BY: JAW
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		9	3		A																									E 2000
	6	17.1	14.6	5	18.4	35																								55

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4V

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

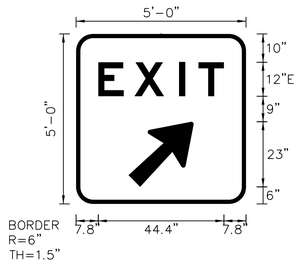
SIGN NUMBER: 1-711 BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	6	18.3	29.3

SIGN WIDTH: 5'-0"
HEIGHT: 5'-0"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 52.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 2.90'.
5. Existing support size is W6x9.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T																								Series/Size Text Length
	7.8	12.8	15.8	6.8	9	7.8																							E 2000 44.4

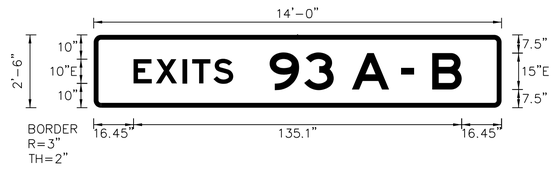
SIGN NUMBER: 1-712A, 1-713A BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T	S																								Series/Size Text Length
	16.4	9.2	11.1	3.8	8.8	8.1	110.5																							E 2000 41
		9	3		A		–		B																					
	72.5	14.3	12.1	7.5	15.3	5	5.3	7.5	12.2	16.4																				E 2000 79.1

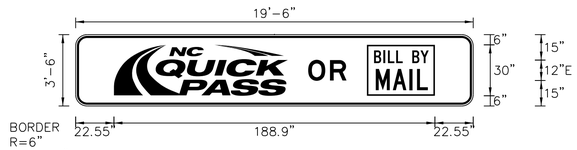
SIGN NUMBER: 1-712B, 1-713B, 1-716B, 1-717B BACKG COLOR: White
COPY COLOR: Black
TYPE: A
QUANTITY: 4

SYMBOL	X	Y	WID	HT
NC QUICK PASS	22.6	6	102.3	30
BILL BY MAIL	171.4	6	40	30

SIGN WIDTH: 19'-6"
HEIGHT: 3'-6"
TOTAL AREA: 68.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 234.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Extend 'Z' bars width of sign.
6. Use Attachment Method II.
7. Existing support spacings are as follows:
   1-712B = 9.05' and 9.05' 1-716B = 9.05' and 9.05'
   1-713B = 9.05' and 9.05' 1-717B = 9.05' and 9.05'
8. Existing support sizes are as follows:
   1-712B = W18x35 1-716B = W18x35
   1-713B = W16x31 1-717B = W18x35

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																										Series/Size Text Length
	136.9	12.8	9.7	74.6																									E 2000 22.6

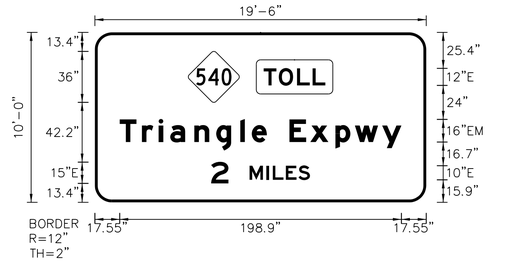
SIGN NUMBER: 1-712C BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	76.6	54	24

SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 234.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 9.05' and 9.05'.
6. Existing support size is W18x35.
7. Extend 'Z' bars width of sign.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																								Series/Size Text Length
	119.2	10.7	12.8	11	9	71.2																							E 2000 43.6
		T	r	i	o	n	g	l	e		E	x	p	w	y														EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6													198.9
		2		M	I	L	E	S																					E 2000
	82.1	12.2	15	12	4.4	9.2	8.9	8.1	82.1																				69.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4W

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB84596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-713C
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 234.0

BACKG COLOR: Green
COPY COLOR: White

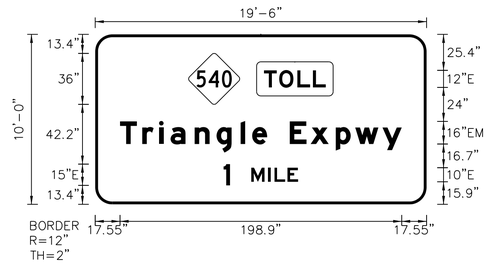
SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	76.6	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 9.05' and 9.05'.
6. Existing support size is W16x31.
7. Extend 'Z' bars width of sign.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		T	O	L	L																								E 2000
	119.2	10.7	12.8	11	9	71.2																							43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y														EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6													198.9
		1		M	I	L	E																						E 2000
	90.7	4.5	15	12	4.4	9.2	7.5	90.7																					52.6

SIGN NUMBER: 1-714
TYPE: A
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 12'-0"
TOTAL AREA: 60.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 52.0

BACKG COLOR: Yellow/Green
COPY COLOR: Black/White

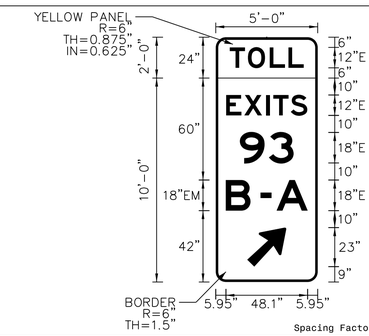
SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	9	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 60" X 24". (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")
5. Mounted on one support.
6. Existing support size is W8x35.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
	8.2	T 10.7	O 12.8	L 11	L 9	8.2																							E 2000 43.6
	6.1	E 10.7	X 12.8	I 4.2	T 10.3	S 9.7	6.1																						E 2000 47.8
	14.2	9 17.1	3 14.6	14.2																									E 2000 31.7
	5.9	B 14.6	6	– 6.3	3	A 18.4	5.9																						E 2000 48.2

SIGN NUMBER: 1-715
TYPE: A
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

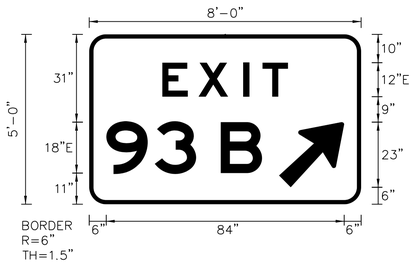
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.65'.
5. Existing support size is W6x9.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
	25.8	E 12.8	X 15.8	I 6.8	T 9	25.8																							E 2000 44.4
	6	9 17.1	3 14.6	8.7	B 14.6	35																							E 2000 55

SIGN NUMBER: 1-716A, 1-717A
TYPE: A
QUANTITY: 2
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

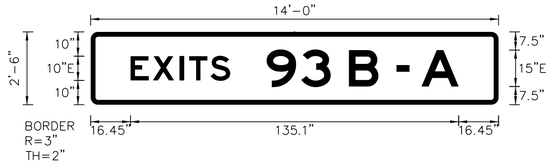
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
	16.4	E 9.2	X 11.1	I 3.8	T 8.8	S 8.1	110.5																						E 2000 41
	72.5	9 14.3	3 12.2	7.5	B 12.2	7.5	– 5.3	5	A 15.3	16.4																			E 2000 79.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4X

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1-716C
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 234.0

BACKG COLOR: Green
COPY COLOR: White

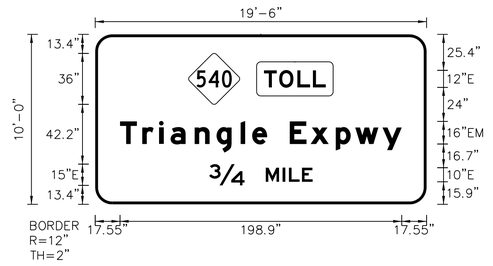
SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	76.6	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 9.05' and 9.05'.
6. Existing support size is W18x35.
7. Extend 'Z' bars width of sign.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		T	O	L	L																								E 2000
	119.2	10.7	12.8	11	9	71.2																							43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y														EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6													198.9
		3/4		M	I	L	E																						E 2000
	80.5	25	15	12	4.4	9.2	7.5	80.5																					73.1

SIGN NUMBER: 1-717C
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 234.0

BACKG COLOR: Green
COPY COLOR: White

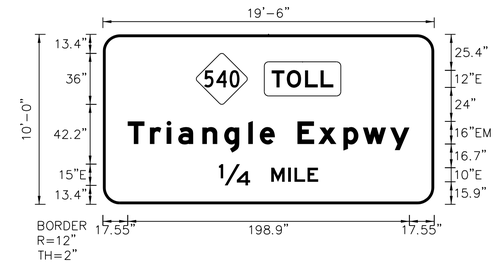
SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	76.6	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 9.05' and 9.05'.
6. Existing support size is W18x35.
7. Extend 'Z' bars width of sign.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		T	O	L	L																								E 2000
	119.2	10.7	12.8	11	9	71.2																							43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y														EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6													198.9
		1/4		M	I	L	E																						E 2000
	82	22	15	12	4.4	9.2	7.5	82																					70.1

SIGN NUMBER: 1-719
TYPE: A
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 7'-6"
TOTAL AREA: 37.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 3
LENGTH: 52.0

BACKG COLOR: Green
COPY COLOR: White

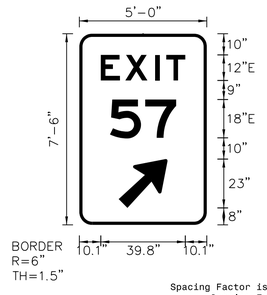
SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	8	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Mounted on one support.
5. Existing support size is W8x35.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.5

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T																								E 2000
	10.1	11.5	14.1	5.2	9	10.1																							39.8
		5	7																										E 2000
	14.4	16.6	14.6	14.4																									31.1

SIGN NUMBER: 1-720
TYPE: A
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 5'-0"
TOTAL AREA: 30.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

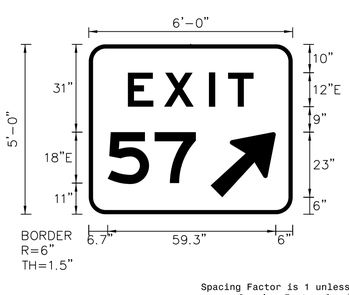
SYMBOL	X	Y	WID	HT
Type A Arrow	43	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.75'.
5. Existing support size is W6x9.

DESIGN BY: JAW **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T																								E 2000
	13.8	12.8	15.8	6.8	9	13.8																							44.4
		5	7																										E 2000
	6.7	16.6	14.6	34.2																									31.1

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TIP NO.	SHEET NO.
DE00325	SIGN-1-4Y

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 4031 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 1-721A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 6'-0"
TOTAL AREA: 78.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"
NO. Z BARS: 2
LENGTH: 148.0

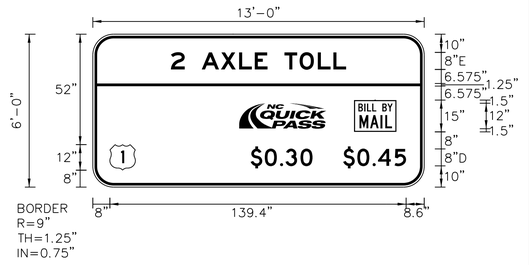
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	68.9	27.6	40.9	12
BILL BY MAIL	122.9	26	20	15
M1_4	8	8	12	12

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Existing support spacing is 7.60'.
7. Existing support size is W6x16.
8. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2		A	X	L	E		T	O	L	L																		E 2000
	36.8	6.5	8	9	8.6	7.4	6	8	7.1	8.6	7.4	6	36.8																	82.5
		$	0	.	3	0																								D 2000
	74.3	6.6	7.2	2.6	7	5.7	52.6																							29.1
		$	0	.	4	5																								D 2000
	117.8	6.6	7.2	2.6	7.8	5.4	8.6																							29.6

SIGN NUMBER: 1-723
TYPE: A
QUANTITY: 1
SIGN WIDTH: 12'-6"
HEIGHT: 10'-6"
TOTAL AREA: 131.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 142.0

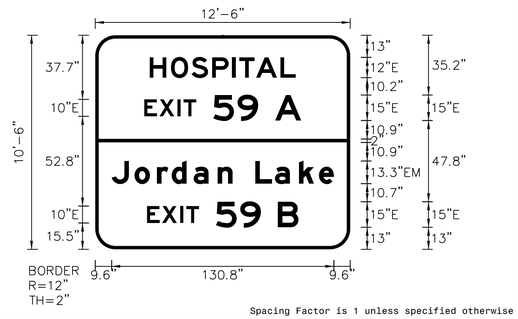
BACKG COLOR: Blue/Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 7.35'.
4. Existing support size is W6x16.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	O	S	P	I	T	A	L																					E 2000
	32	12.5	12.1	12.1	11.8	4.2	10	14.3	9	32																				85.9
		E	X	I	T		5	9		A																				E 2000
	28.9	8.9	10.7	3.5	7.5	10	14.3	12.2	10	15.3	28.8																			92.3
		J	o	r	d	a	n		L	a	k	e																		EM 2000
	9.6	13.5	13.2	8.7	12.9	14.1	8.8	13.3	11.6	14.1	11.7	8.8	9.6																	130.8
		E	X	I	T		5	9		B																				E 2000
	30.4	8.9	10.7	3.5	7.5	10	14.3	12.2	10	12.2	30.4																			89.2

SIGN NUMBER: 1-724
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 10'-6"
TOTAL AREA: 152.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 166.0

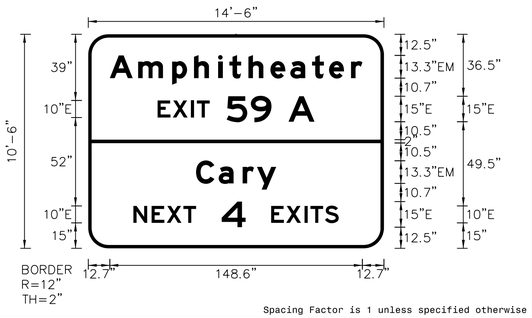
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 8.50'.
4. Existing support size is W8x18.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	m	p	h	i	t	h	e	a	t	e	r																	EM 2000
	12.7	16.7	20	12.9	14.1	6.7	11.2	12.9	11.7	12.8	10	12.9	6.7	12.7																148.6
		E	X	I	T		5	9		A																				E 2000
	40.9	8.9	10.7	3.5	7.5	10	14.2	12.1	10	15.3	40.9																			92.3
		C	a	r	y																									EM 2000
	63.4	13.3	14.1	8.4	11.3	63.4																								47.2
		N	E	X	T		4		E	X	I	T	S																	E 2000
	26.6	10.7	8.9	9.8	7.5	15	14.1	15	8.9	10.7	3.5	8.6	8.1	26.6																120.8

SIGN NUMBER: 1-725A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

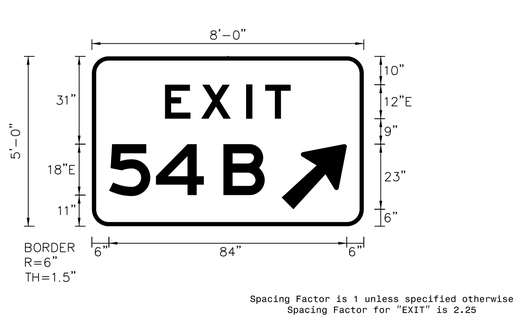
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.60'.
5. Existing support size is S4x7.7.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		5	4		B																									E 2000
	6	16.6	16.9	6.9	14.6	35																								55

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SIGN DESIGNS

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SIGN NUMBER: 1-725B
TYPE: B
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 2'-0"
TOTAL AREA: 16.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Yellow
COPY COLOR: Black

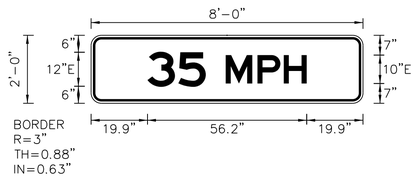
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Existing support spacing is 4.60'.
5. Existing support size is S4x7.7.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		3	5		M	P	H																					Series/Size Text Length
	19.9	10.9	9.7	7	11.2	9.3	8.1	19.9																				E 2000
																												56.2

SIGN NUMBER: NCQP OR BBM
TYPE: SP
QUANTITY: 21
SIGN WIDTH: 3'-0"
HEIGHT: 3'-0"
TOTAL AREA: 9.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.625"
WIDTH: 0.875"
RADII: 2.25"
NO. Z BARS:
LENGTH:

BACKG COLOR: White
COPY COLOR: Black

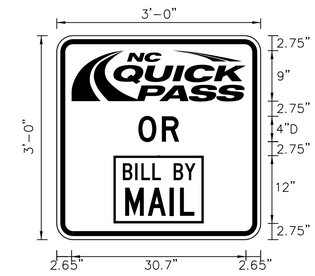
SYMBOL	X	Y	WID	HT
NC QUICK PASS	2.7	24.3	30.7	9
BILL BY MAIL	10	2.8	16	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade C reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																									Series/Size Text Length
	14.8	3.7	2.7	14.8																								D 2000
																												6.4

TIP NO. DE00325
SHEET NO. SIGN-1-4Z

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...
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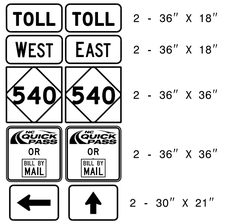
1-501 1-503 1-506



TWO "U" POSTS PER ASSEMBLY

1-801



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.70′

1-805



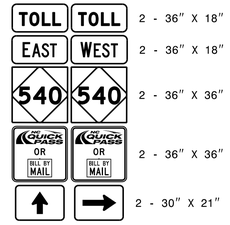
SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

1-809



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

1-816



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16
EXISTING SUPPORT SPACING: 3.15′

TIP NO.	SHEET NO.
DE00325	SIGN-1-4AA

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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1-502 1-504 1-505



TWO "U" POSTS PER ASSEMBLY

1-802



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

1-806



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

1-810



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

SEE SIGN-1-4Z FOR
"NCQP OR BBM"
PANEL DESIGN

1-803



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

1-807



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

1-811 1-812 1-813 1-815 1-817



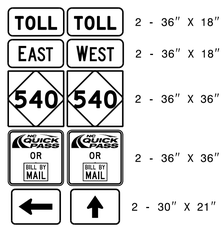
SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZES ARE AS FOLLOWS:
1-811 = W6x12 1-812 = W6x12
1-813 = W6x16 1-815 = W6x12
1-817 = W6x12

1-804



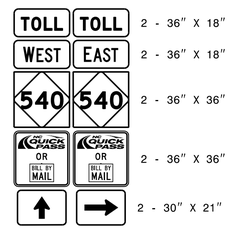
SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

1-808



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16
EXISTING SUPPORT SPACING: 3.15′

1-814



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x9
EXISTING SUPPORT SPACING: 3.65′

NOTES:
1. AFFIX PANELS TO "Z" BARS WITH VHB TAPE.
   SEE SIGN-I. DO NOT DRILL HOLES IN PANELS.
2. MOUNT PROPOSED PANELS TO EXISTING SUPPORTS.
   SEE SIGN-H.

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ROUTE MARKER ASSEMBLIES

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SEAL

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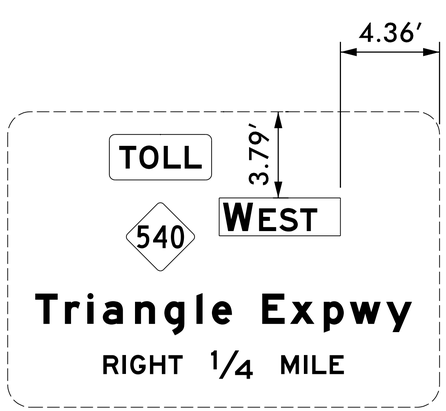
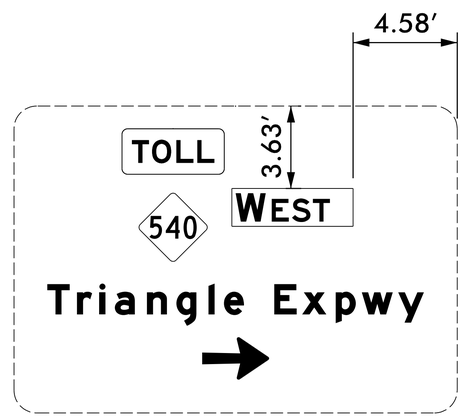
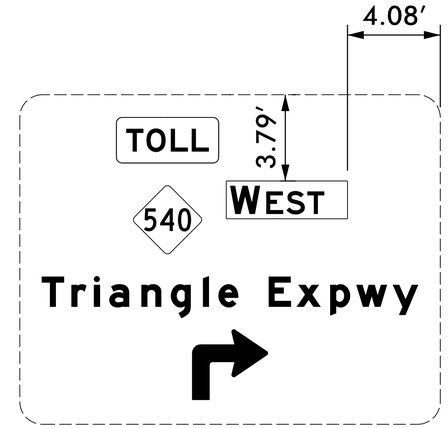
SIGN 1-601



SIGN 1-602



SIGN 1-613



NOTE: SEE SHEETS SIGN-1-4R AND SIGN-1-4S FOR ETC OVERLAY PLACEMENT DETAILS (SIGNS 1-603 THRU 1-612).

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OVERLAY PLACEMENT DETAILS

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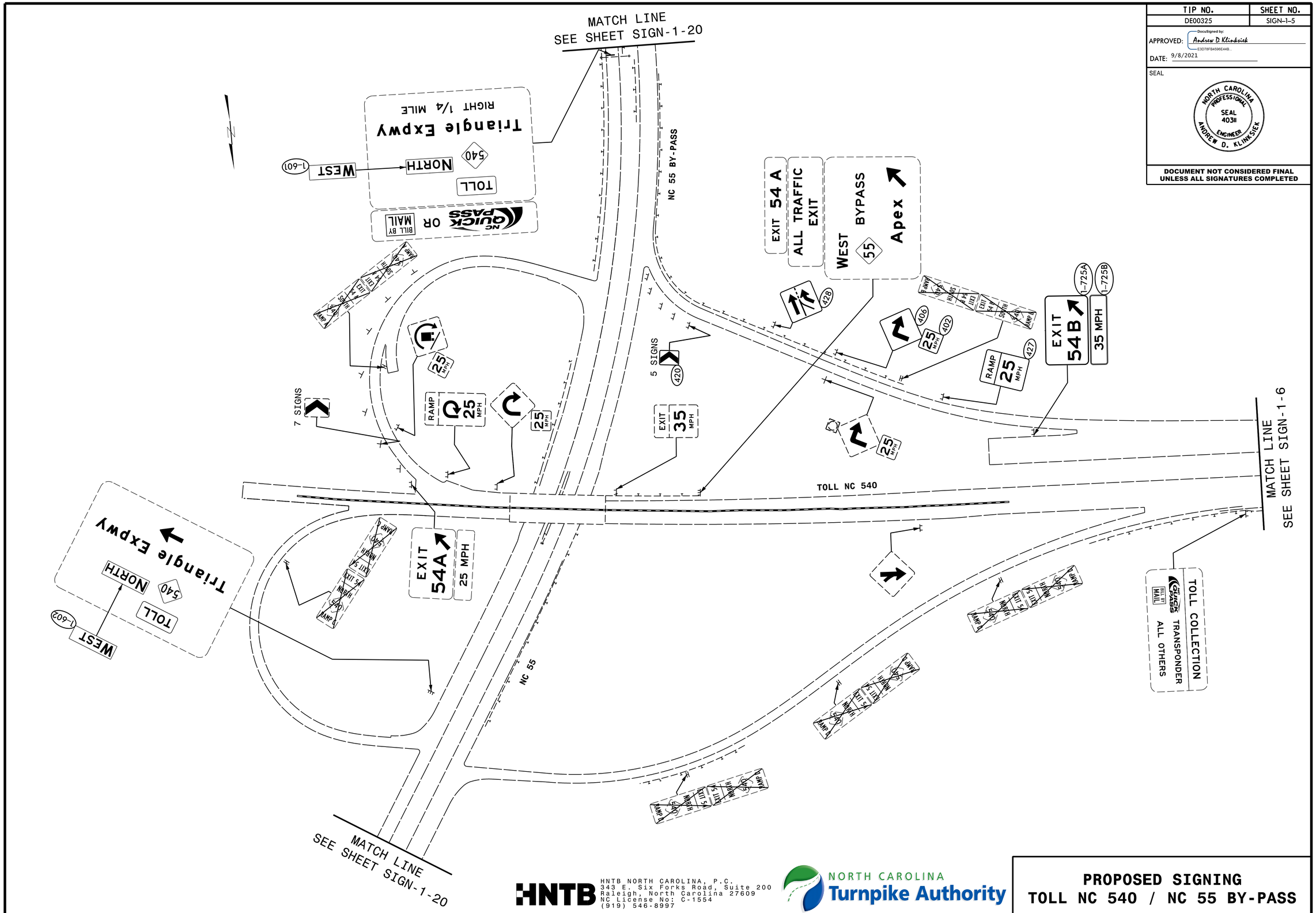

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PROPOSED SIGNING
TOLL NC 540 / NC 55 BY-PASS

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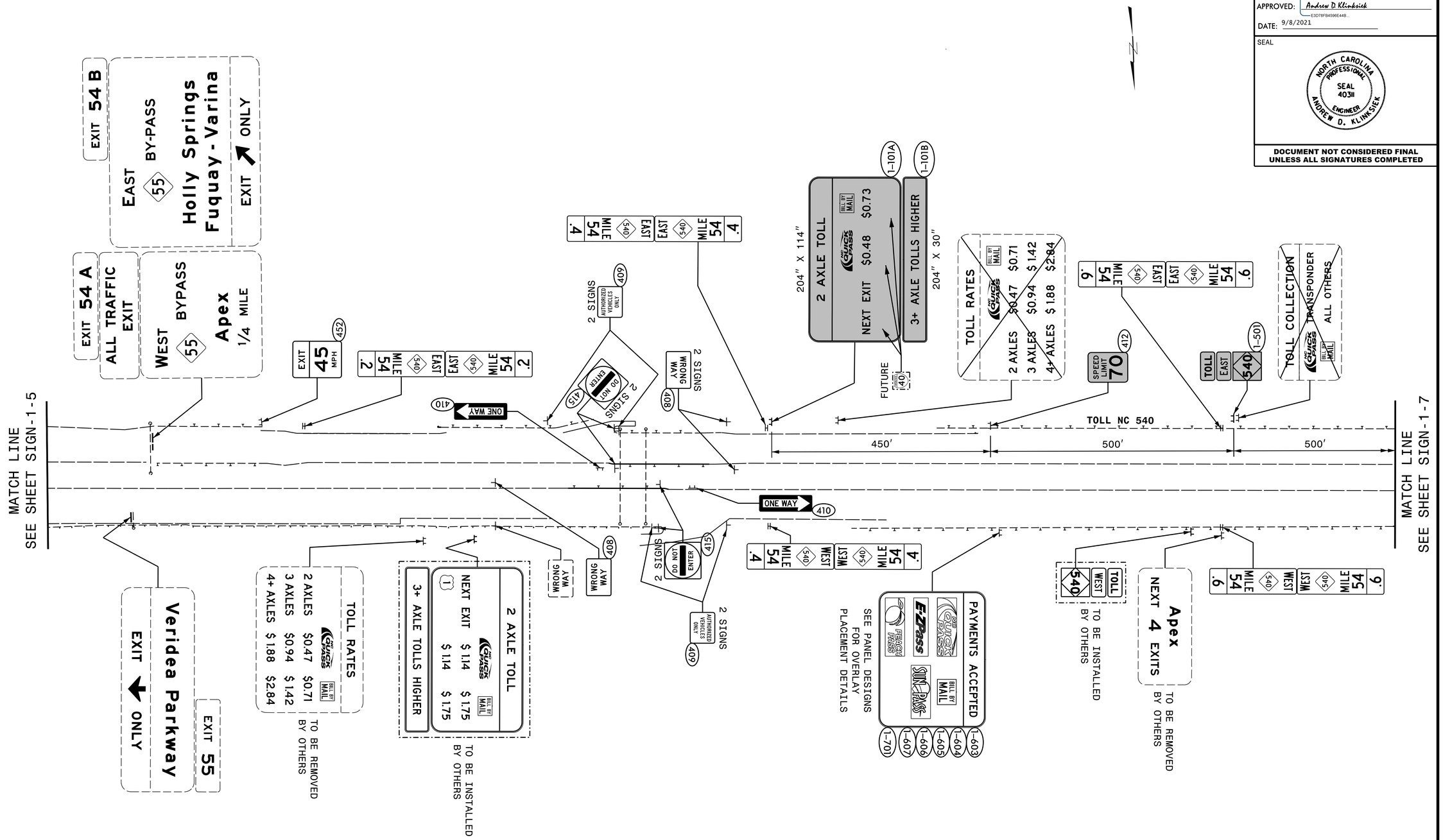

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TIP NO.	SHEET NO.
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MATCH LINE SEE SHEET SIGN-1-6

MATCH LINE SEE SHEET SIGN-1-21

MATCH LINE SEE SHEET SIGN-1-8

MATCH LINE SEE SHEET SIGN-1-21

EXIT 54 B

EAST BY-PASS 55 Holly Springs Fuquay-Varina EXIT ONLY

EXIT 54 A ALL TRAFFIC EXIT

WEST BY-PASS 55 Apex 3/4 MILE

EAST MILE 54.8

WEST MILE 54.8

TOLL NC 540

500′

439′

2 SIGNS WRONG WAY 408

2 SIGNS 420

3 SIGNS 420

ONE WAY 410

80′

2 SIGNS 409 AUTHORIZED VEHICLES ONLY

25 MPH 401 402

2 SIGNS 415 DO NOT ENTER

SPEED LIMIT 70 412

2 SIGNS 413 RIGHT LANE ENDS

TOLL RATES

	Cash	E-ZPass	Toll by Mail
2 AXLES	$0.31	$0.62	$0.94
3 AXLES	$0.62	$1.24	$1.88
4+ AXLES	$1.24	$2.48	$3.76

TOLL COLLECTION E-ZPass TRANSPONDER ALL OTHERS Toll by Mail

EXIT 55 1-703

STOP 416

ONE WAY 410

DO NOT ENTER 415

Apex 1-302

1-804

TOLL EAST 540 Cash OR Toll by Mail 1-803

VERIDEA PKWY

1-303 Holly Springs

RAMP 25 MPH 403

Cary 1-304

Apex 1-805

1-802

TOLL WEST 540

STOP 416 417 418

TOLL WEST 540 TOLL EAST 540

1-801

EXIT 55 1-702

1-3B

1 SOUTH Sanford 3/4 MILE

EXIT 56 B 1-3A

EXISTING OVERHEAD SIGN ASSEMBLY '1-BB'

1 NORTH Raleigh 1/2 MILE EXIT ONLY

EXIT 56 A 1-4A

1-4B

LANE ENDS 1200 FT 1-5

SEE PROJECT NOTE B

2 AXLE TOLL E-ZPass $0.32 Toll by Mail $0.49

3+ AXLE TOLLS HIGHER

1-704A 1-704B

2 SIGNS AUTHORIZED VEHICLES ONLY 409

1 Raleigh Sanford 3/4 MILE

EXISTS 56 A-B 1-1A

1-1B

EXISTING OVERHEAD SIGN ASSEMBLY '1-AA'

SEE PROJECT NOTE A

Veridea Parkway EXIT ONLY

EXIT 55 1-2A

1-2B

SPEED LIMIT 70 412

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1-9A EXIT 55

1-9B Veridea Parkway EXIT ONLY

EXISTING OVERHEAD SIGN ASSEMBLY '1-CC' SEE PROJECT NOTE A

EXITS 54B-A ALL TRAFFIC EXIT BY-PASS 55 Holly Springs Fuquay-Varina 1 MILE

EXIT 451 35 MPH

LANE ENDS 900 FT

1-103A 2 AXLE TOLL — NEXT EXIT 55 — QUICK PASS $0.32 $0.48 — BILL BY MAIL $0.49 $0.73

1-103B 3 AXLES TOLL x 2 4+ AXLES TOLL x 4

204" X 114"

204" X 42"

FUTURE 40

TO BE REMOVED BY OTHERS

168" X 78"

1-102 TOLL COLLECTION TRANSPONDER QUICK PASS ALL OTHERS BILL BY MAIL

TOLL EAST 540 1-503

LEFT LANE ENDS

TO BE REMOVED BY OTHERS

MILE 55.4 EAST 540

1-8A EXIT 55

1-8B Veridea Parkway EXIT ONLY

EXISTING OVERHEAD SIGN ASSEMBLY '1-EE' SEE PROJECT NOTE A

400′ 400′ 400′ 500′

MATCH LINE SEE SHEET SIGN-1-7

TOLL NC 540

MILE 55.2 WEST 540 MILE 55.2

TOLL WEST 540 1-502

2 SIGNS 421

HOSPITAL EXIT 56 A Harris Lake EXIT 56 B 1-705

MILE 55.4 WEST 540 MILE 55.4

1-6B 1 SOUTH Sanford 1/4 MILE EXIT 56 B 1-6A

EXISTING OVERHEAD SIGN ASSEMBLY '1-DD'

1-7B EXIT ONLY 1 NORTH Raleigh EXIT 56 A 1-7A

EXIT 56A 1-706

MATCH LINE SEE SHEET SIGN-1-9

EXIT 13 NORTH 1

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MATCH LINE
SEE SHEET SIGN-1-11

TIP NO.	SHEET NO.
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US 1

EXIT 93A
25 MPH
1–710A
1–710B

EXIT 56A
1–709A
1–709B
25 MPH

RAMP 25 MPH 403

EXIT 30 MPH 423

7 SIGNS 420

25 MPH 401 402

2 SIGNS 424

EXIT 56 A 1–13A

1 NORTH Raleigh 1–13B

EXIT 55 1–12A

Veridea Parkway 3/4 MILE 1–12B

EXISTING OVERHEAD SIGN ASSEMBLY '1-GG'
SEE PROJECT NOTE A

2 SIGNS
LEFT LANE ENDS 422

EXIT 56B 1–708

EAST 540 MILE 56 .6

WEST 540 MILE 55 .6

EAST 540 MILE 55 .8

WEST 540 MILE 55 .8

WEST 540 MILE 56

EAST 540 MILE 56

1 SOUTH Sanford 1–11A

EXIT 56 B 1–11B

EXISTING OVERHEAD SIGN ASSEMBLY '1-FF'

S Salem St 1 MILE 1–10A

EXIT 57 1–10B

MATCH LINE
SEE SHEET SIGN-1-8

MATCH LINE
SEE SHEET SIGN-1-14

TOLL NC 540

439

EXIT 93 A 1–14A

NC QUICK PASS OR BILL BY MAIL 1–14B

TOLL 540 EAST Triangle Expwy 1–14C

EXISTING OVERHEAD
SIGN ASSEMBLY '1-QQ'

MATCH LINE
SEE SHEET SIGN-1-12

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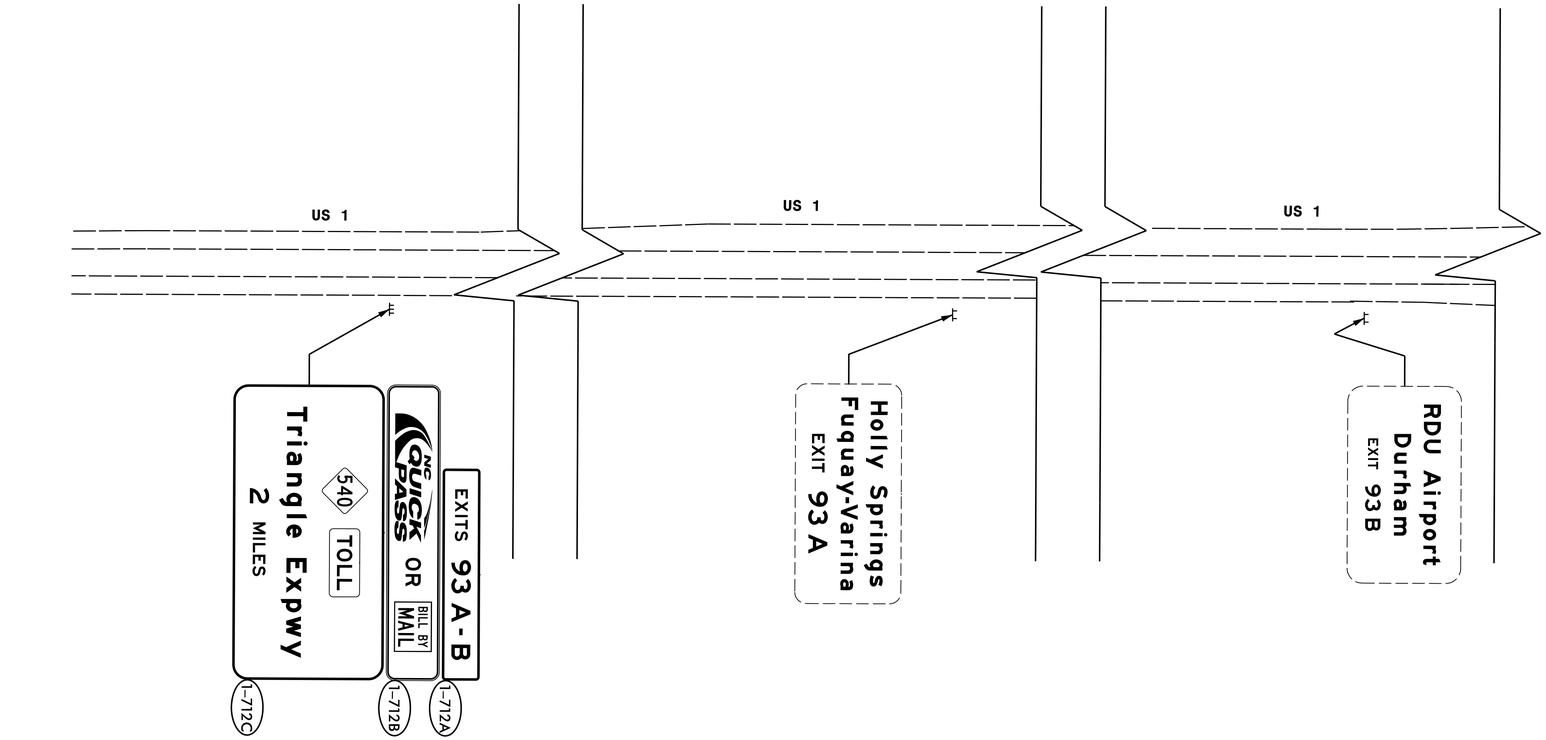

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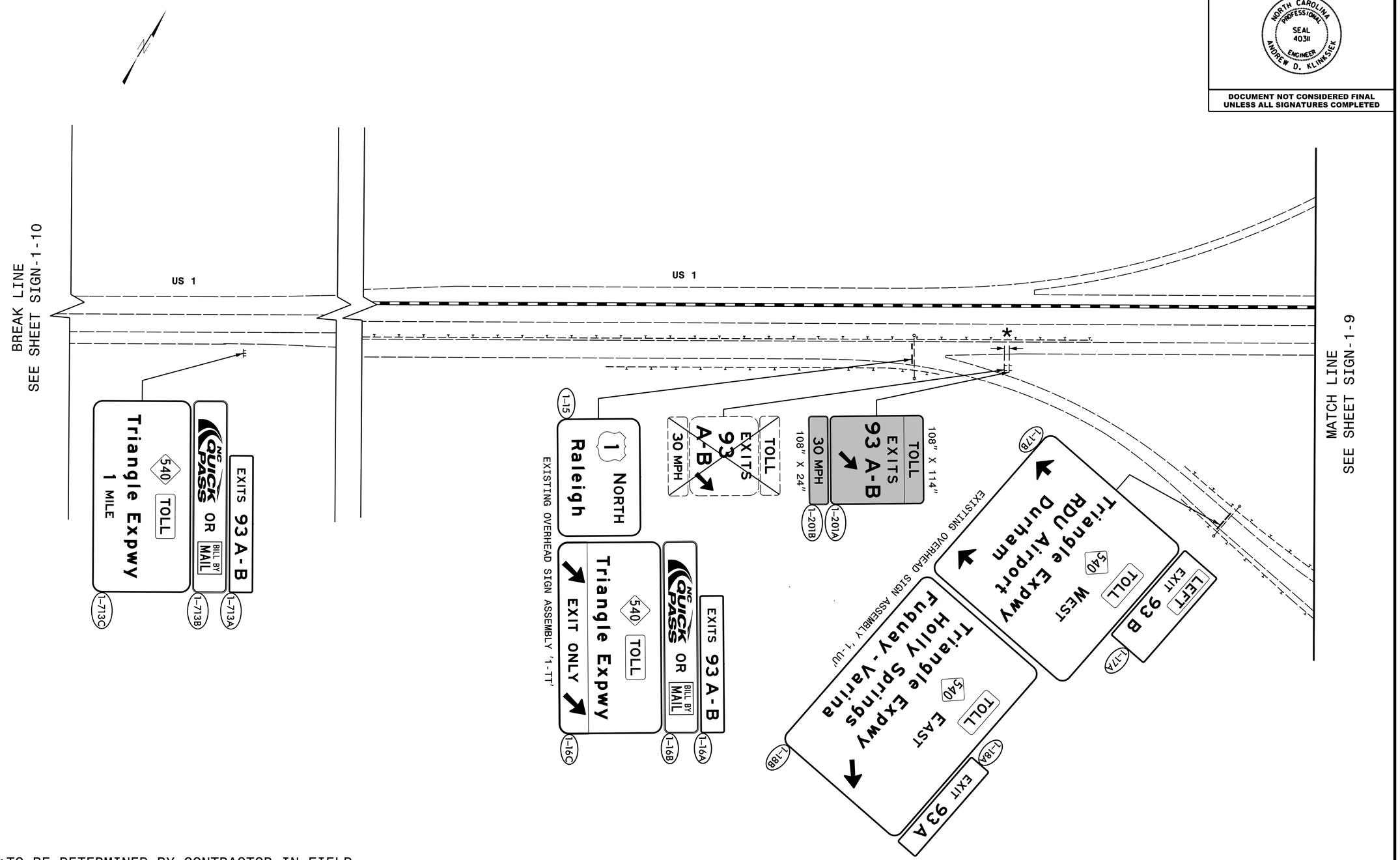

*TO BE DETERMINED BY CONTRACTOR IN FIELD DURING FIELD VERIFICATION

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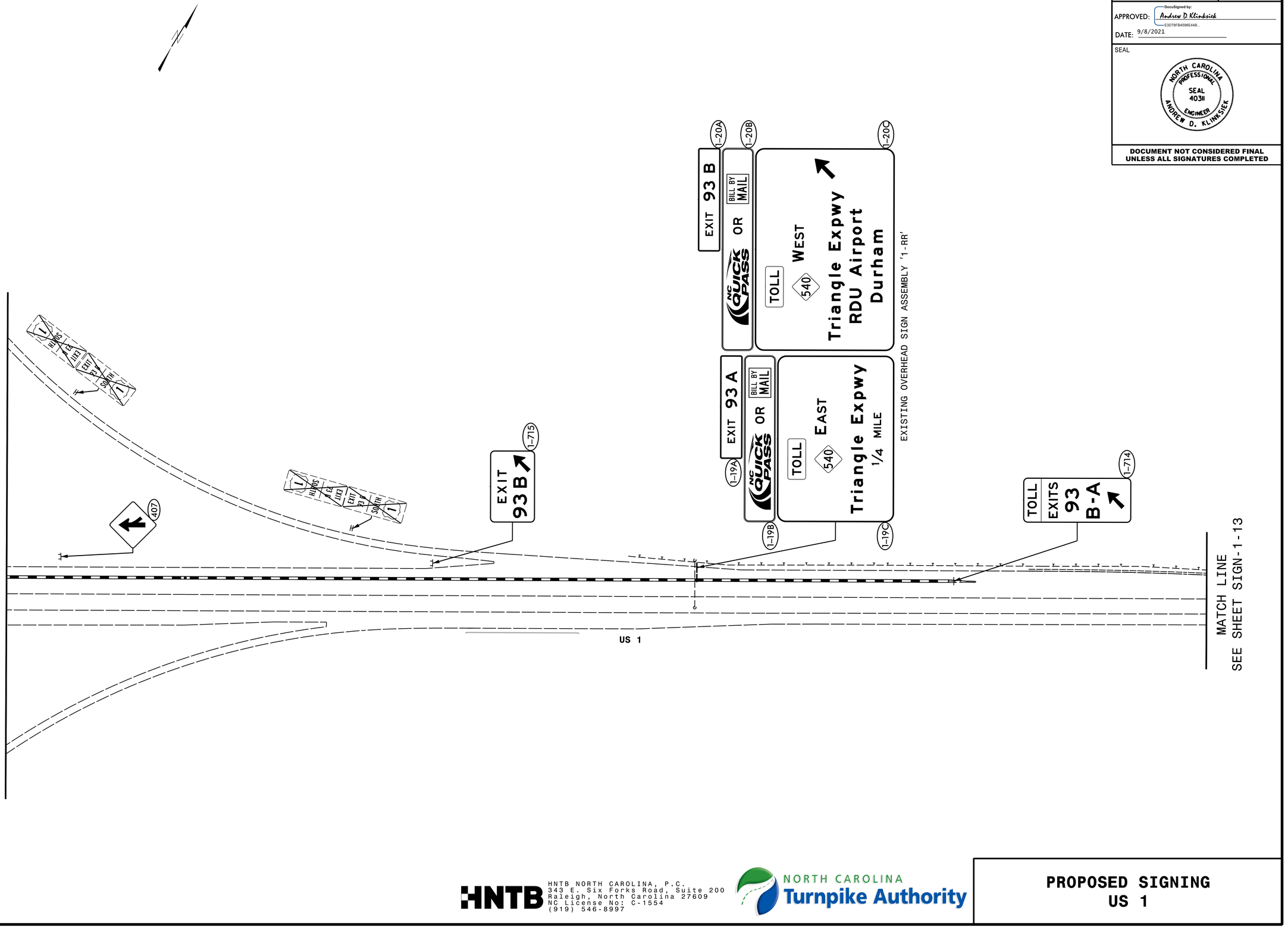

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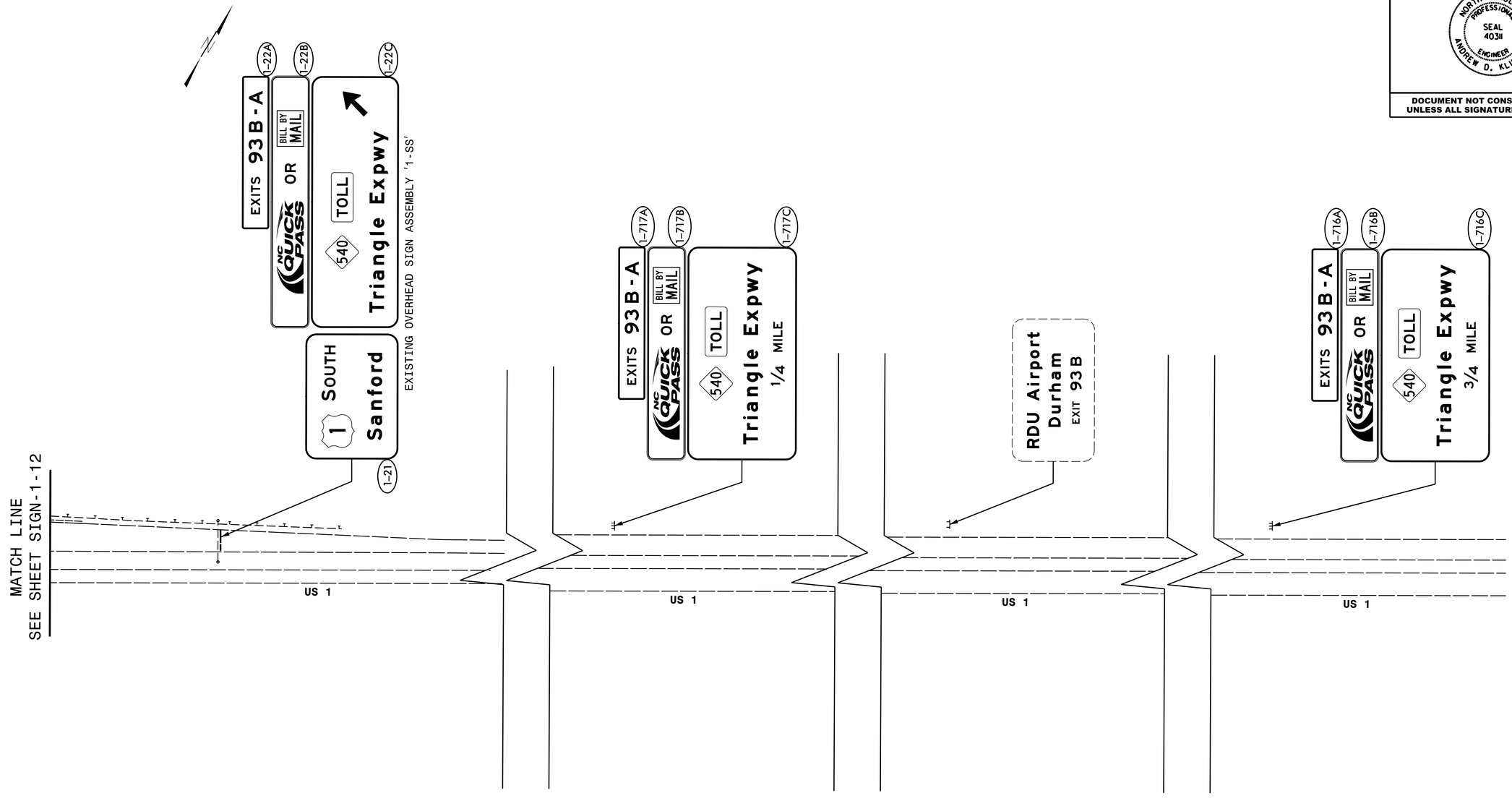

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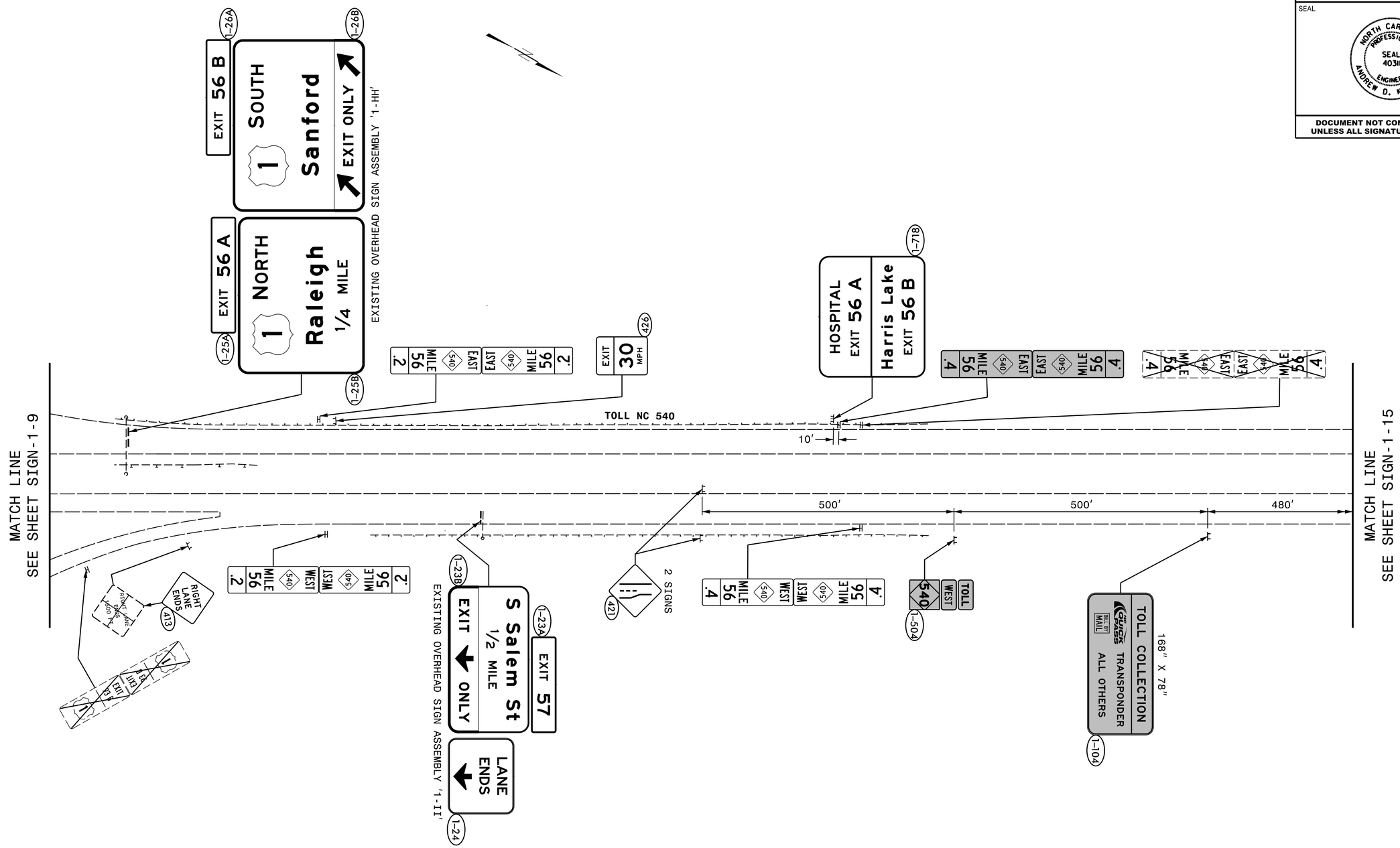

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PROPOSED SIGNING
TOLL NC 540

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TIP NO.	SHEET NO.
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MATCH LINE SEE SHEET SIGN-1-22

EXIT 56 B — 1 SOUTH Sanford — EXIT ONLY (1-29A, 1-29B)

EXIT 56 A — 1 NORTH Raleigh 3/4 MILE (1-28A, 1-28B)

EXISTING OVERHEAD SIGN ASSEMBLY '1-JJ'

SEE PROJECT NOTE C — New Hill / Apex (1-305) — ONE WAY (410) — 2 SIGNS WRONG WAY (408) — DO NOT ENTER (415)

2 SIGNS WRONG WAY (408) — DO NOT ENTER (415)

ONE WAY (410)

SEE PROJECT NOTE B — 2 AXLE TOLL $0.30 $0.45 — 3+ AXLE TOLLS HIGHER (1-721A, 1-721B)

AUTHORIZED VEHICLES ONLY (409)

TOLL EAST 540 — TOLL WEST 540 — GUILTY OR NOT GUILTY WAIT — (608, 609)

2 SIGNS (417, 418)

SEE PROJECT NOTE C (1-307) — New Hill / Holly Springs

TOLL COLLECTION — TRANSPONDER — ALL OTHERS

TOLL RATES — 2 AXLES $0.28 $0.43 — 3 AXLES $0.56 $0.86 — 4+ AXLES $1.12 $1.72

(1-807)

9.6 MILE WEST 540 — MILE 56 .6

480′ — 420′

EXIT 57 SOUTH (451) — 35 MPH

EXISTING OVERHEAD SIGN ASSEMBLY '1-KK'

S Salem St EXIT ONLY (1-27B) — EXIT 57 (1-27A)

25 MPH (402, 404) — CSX

SEE PROJECT NOTE C (1-308) — Cary / Apex

TOLL COLLECTION — TRANSPONDER — ALL OTHERS

S SALEM ST

2 AXLE TOLL

NEXT EXIT	TOLL		
		E-ZPASS	BILL BY MAIL
END 540	TOLL	$0.30	$0.45
		$2.81	$4.31
3 AXLES	TOLL x 2		
4+ AXLES	TOLL x 4		

(1-105A, 1-105B)

234″ X 114″

234″ X 42″

9.6 MILE WEST 540 — MILE 56 .6

8.6 MILE EAST 540 — MILE 56 .8

8.6 MILE WEST 540 — MILE 56 .8

BARRIER MOUNTED WRONG WAY (408) — DO NOT ENTER (415)

BARRIER MOUNTED ONE WAY (410)

TOLL NC 540

57 MILE EAST 540 — MILE 57

57 MILE WEST 540 — MILE 57

EXIT 57 (1-720) — 407

EXIT 57 (1-719) — 25 MPH (401, 402) — 7 SIGNS (420)

MATCH LINE SEE SHEET SIGN-1-14

MATCH LINE SEE SHEET SIGN-1-16

MATCH LINE SEE SHEET SIGN-1-22

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PROPOSED SIGNING
TOLL NC 540 / S SALEM ST

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TIP NO.	SHEET NO.
DE00325	SIGN-1-16

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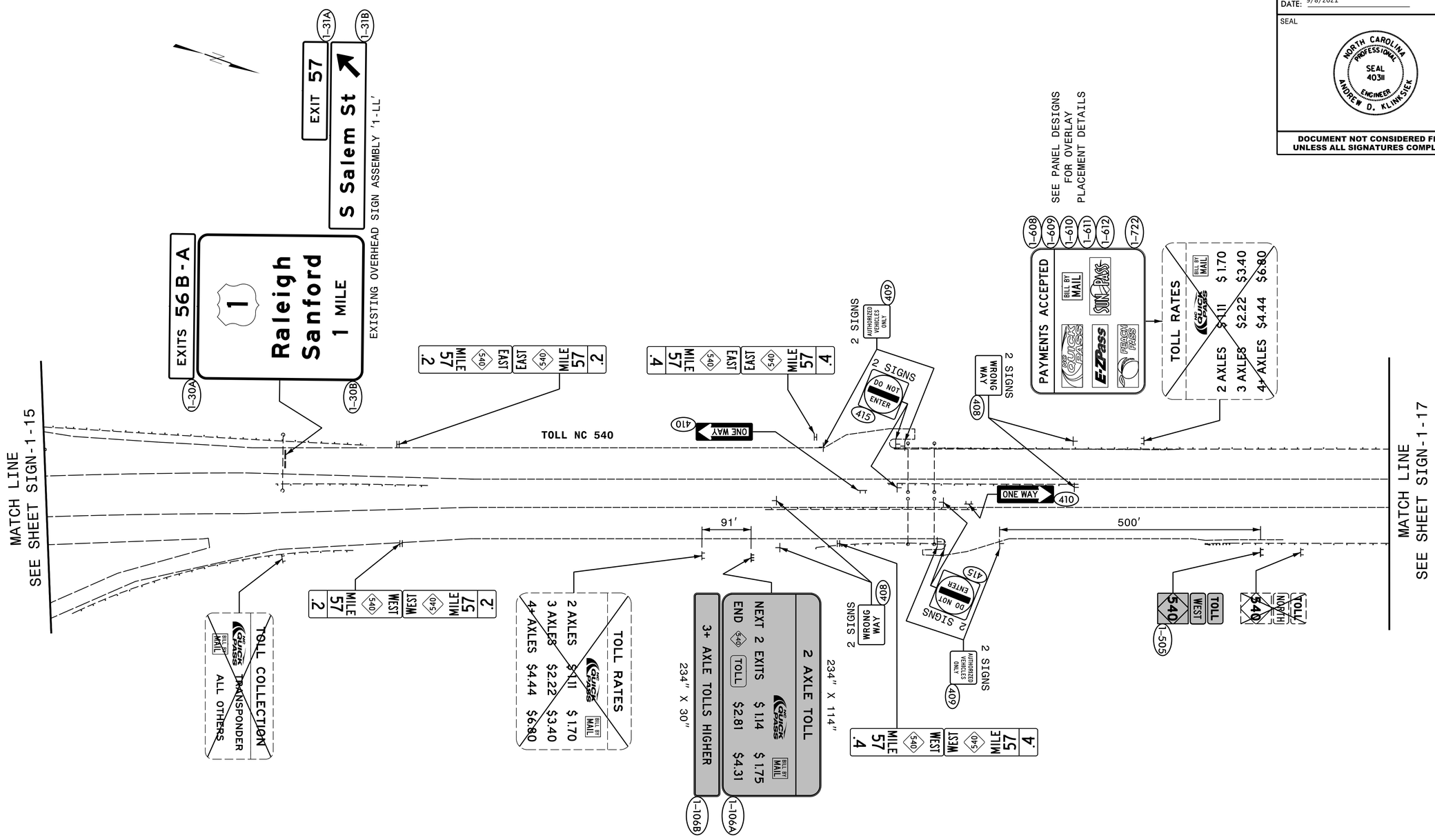

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PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 96150090-A363-4800-8FDC-BF0BCA9A9F3A

TIP NO.	SHEET NO.
DE00325	SIGN-1-17

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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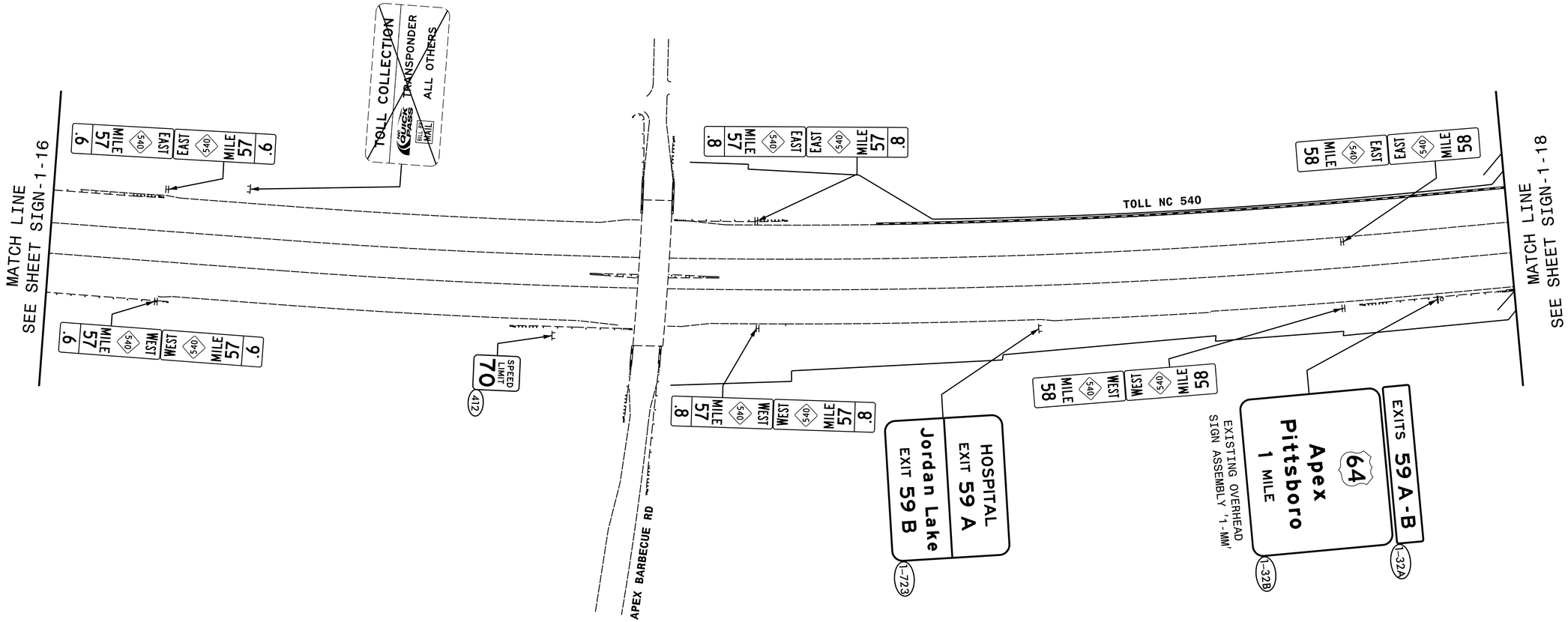

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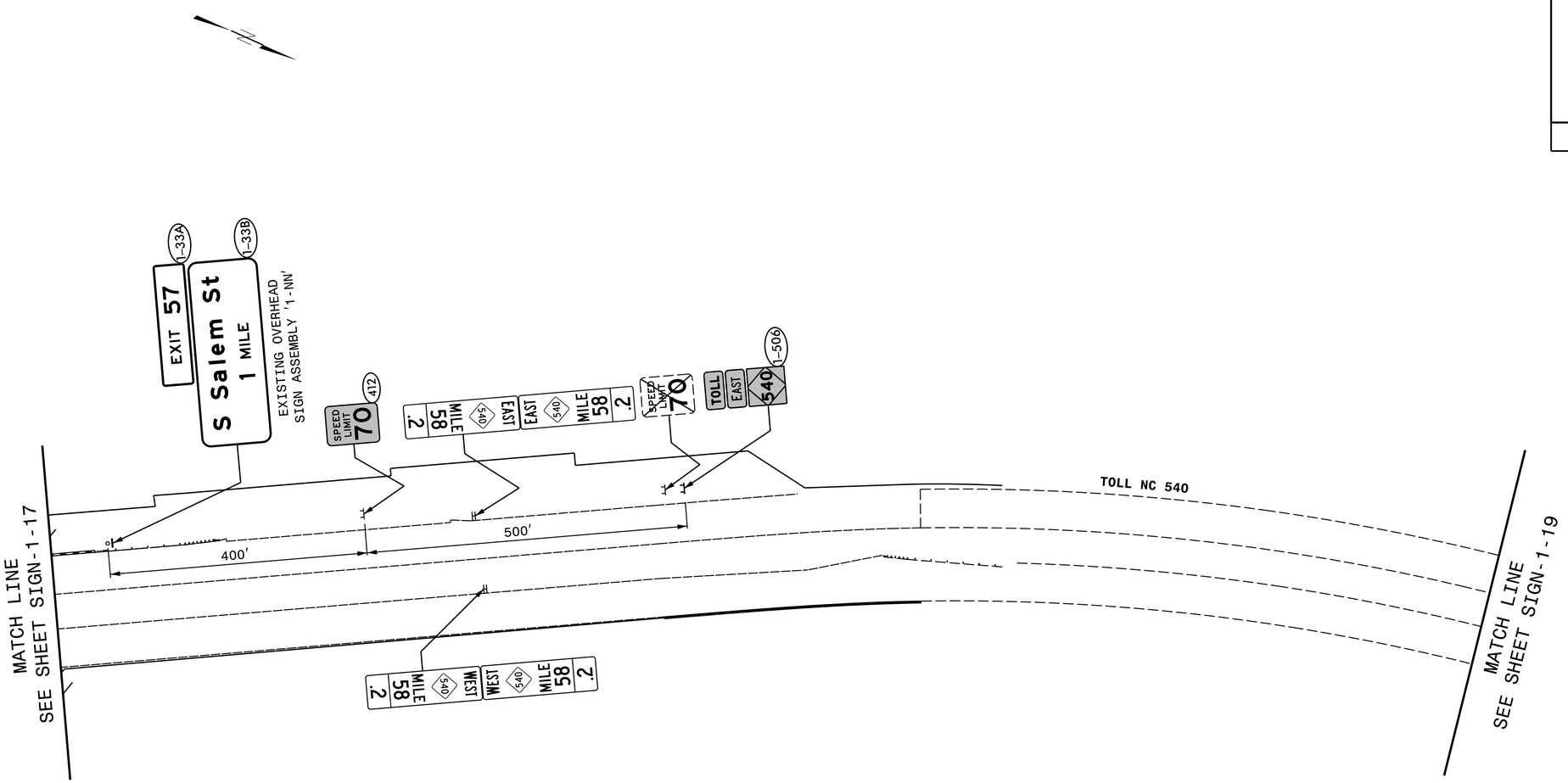

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DE00325	SIGN-1-19

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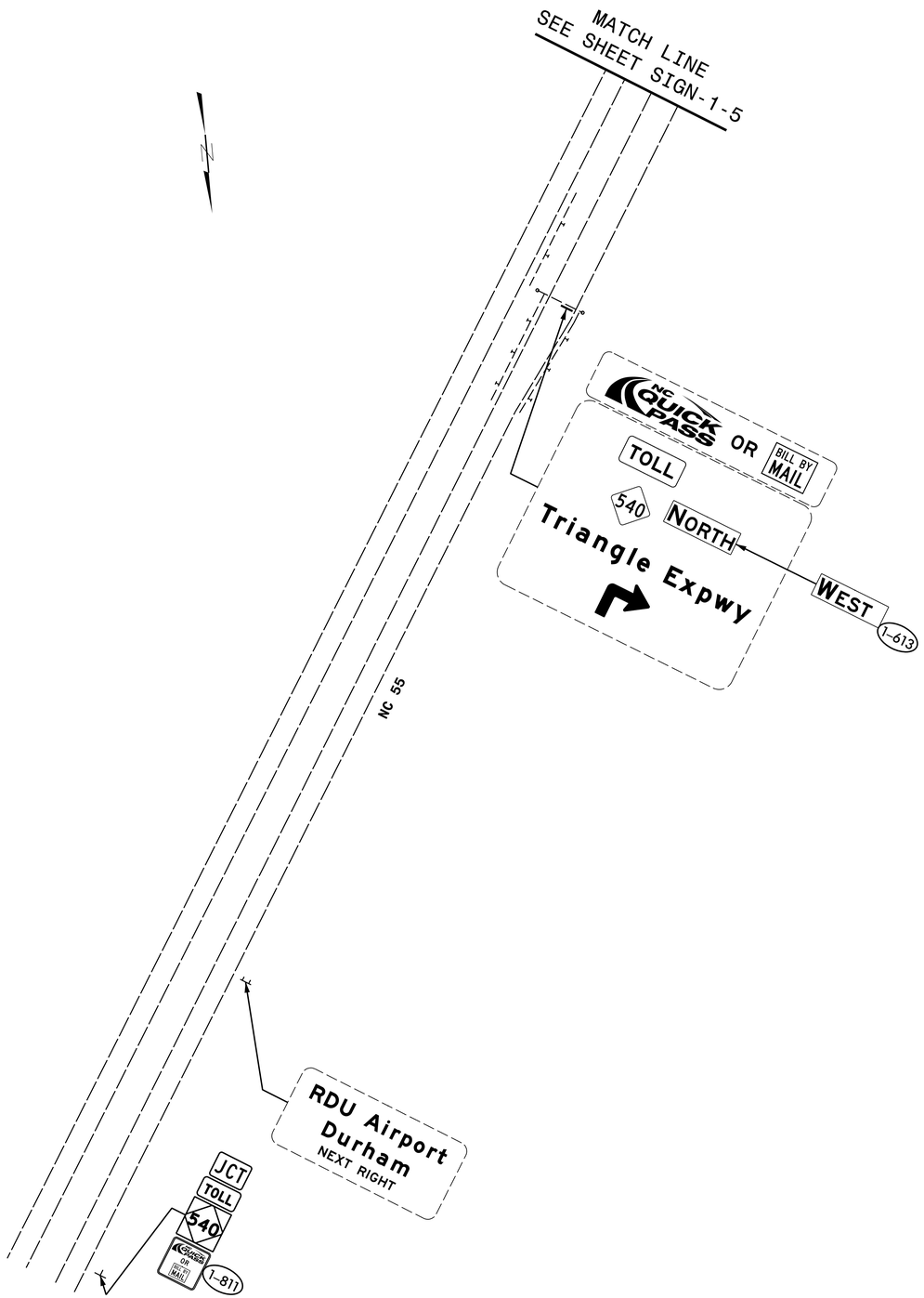

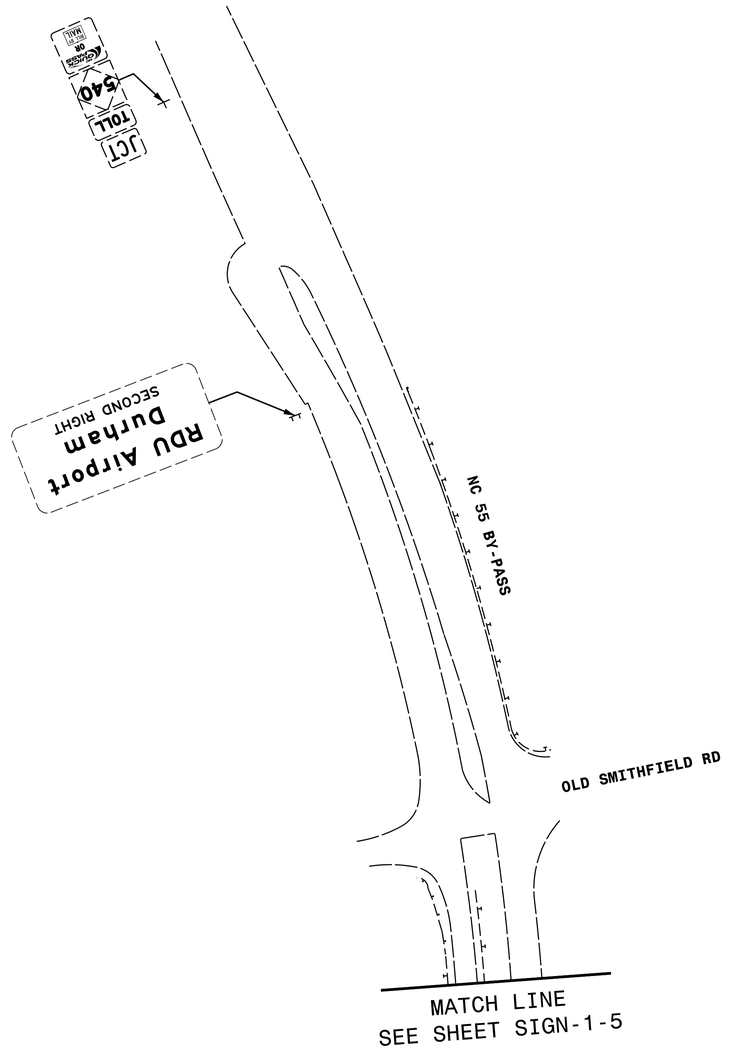

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PROPOSED SIGNING
NC 55 BY-PASS

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TIP NO.	SHEET NO.
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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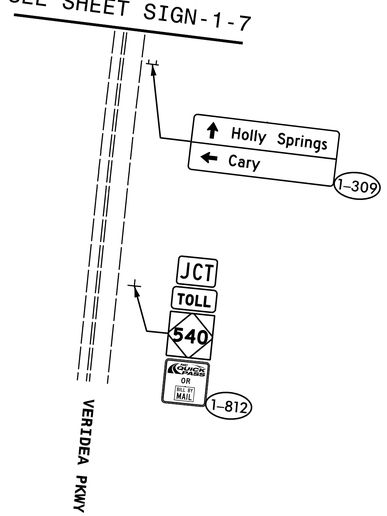

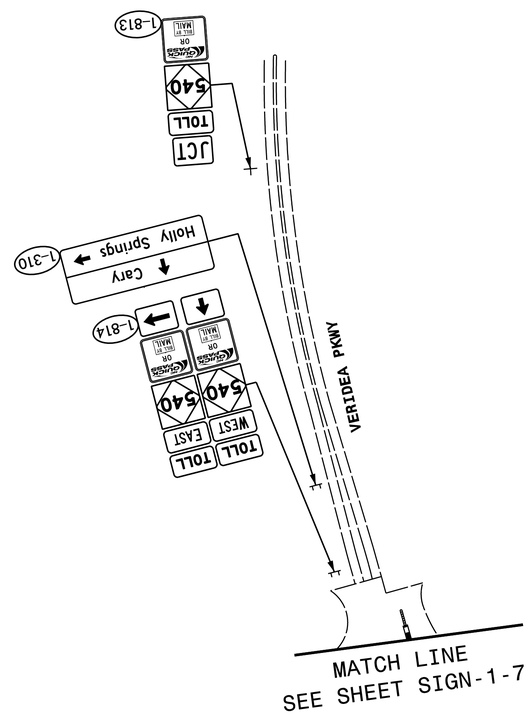

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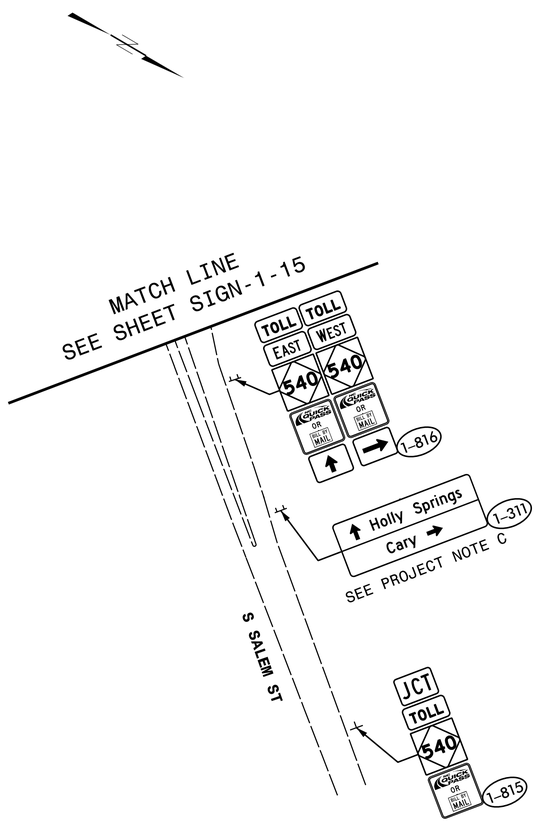

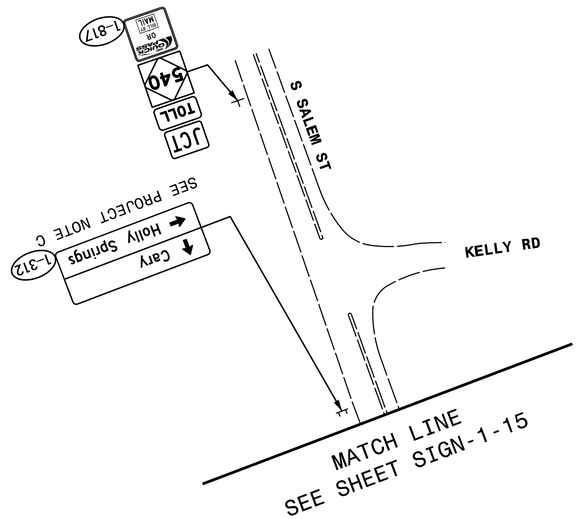

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PROPOSED SIGNING
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TIP NO.	SHEET NO.
DE00325	SIGN-2-1

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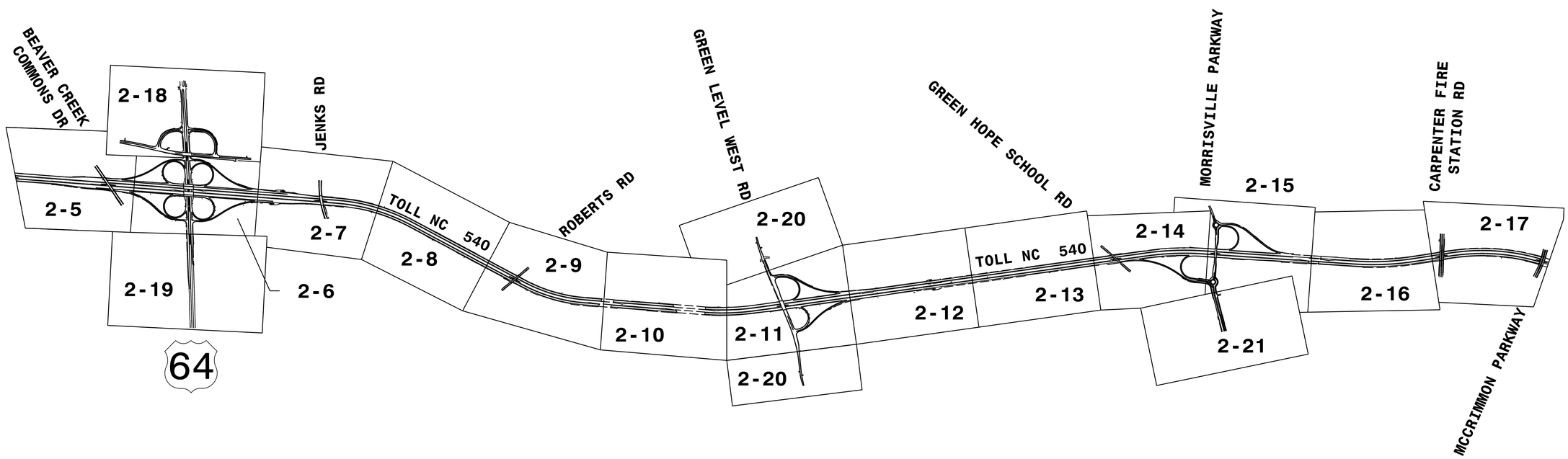
TRIANGLE EXPRESSWAY SIGN REPLACEMENT PACKAGE 2



INDEX

SHEET NO.	DESCRIPTION
SIGN-2-1	KEY SHEET & SHEET INDEX
SIGN-2-2 THRU 2-2A	SUPPORT INFORMATION
SIGN-2-3 THRU 2-3C	EXISTING OVERHEAD ASSEMBLIES
SIGN-2-4 THRU 2-4P	SIGN DESIGNS
SIGN-2-4Q	ROUTE MARKER ASSEMBLIES
SIGN-2-5 THRU 2-21	SIGNING PLAN SHEETS

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KEY SHEET & SHEET INDEX

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TIP NO.	SHEET NO.
DE00325	SIGN–2–2

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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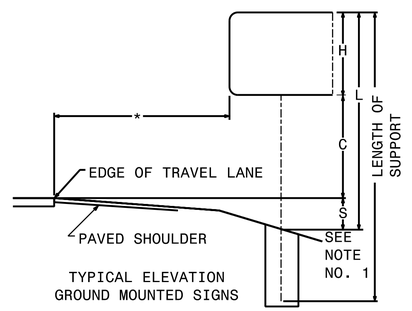
Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
		SIZE (in.)												SNS HT	MTG HT	EMBED-										B/A	SIMPLE					
NUMBER	TYPE	w	x	h										"H"	"C"	MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	(lbs.)	(lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
2-101A	A	174	x	90	TOLL NC 540 WB	2	W6x16	BA	N/A	N/A	N/A	19.00	8.50	9.50	7.00	4.0	1.10	17.60	21.60	0.00	0.00	0.00	2.10	18.60	22.60	801.20	0	1.5	4.5	0.59	0.00	
2-101B	A	174	x	24	On-Ramp					N/A	II																					
2-102A	A	204	x	114	TOLL NC 540 EB	2	W10x26	BA	N/A	N/A	N/A	21.00	9.96	12.00	7.00	4.5	3.90	22.90	27.40	0.00	0.00	0.00	7.70	26.70	31.20	1803.60	0	2.5	5	1.82	0.00	
2-102B	A	204	x	30						N/A	II																					
2-103A	A	234	x	114	TOLL NC 540 WB	3	W8x18	BA	N/A	N/A	N/A	33.00	7.5 NON-STD. SPACING	12.00	8.10	4.0	2.90	23.00	27.00	0.90	21.00	25.00	-1.10	19.00	23.00	1560.00	0	2.0	4.5	1.57	0.00	
2-103B	A	234	x	30						N/A	II																					
2-104A	A	204	x	114	TOLL NC 540 EB	2	W8x18	BA	N/A	N/A	N/A	25.00	9.96	12.00	7.00	4.5	2.40	21.40	25.90	0.00	0.00	0.00	2.00	21.00	25.50	1065.20	0	2.0	5	1.16	0.00	
2-104B	A	204	x	30						N/A	II																					
2-105A	A	234	x	114	TOLL NC 540 WB	3	W8x18	BA	N/A	N/A	N/A	34.00	7.5 NON-STD. SPACING	12.00	8.00	4.0	2.30	22.30	26.30	0.40	20.40	24.40	-1.00	19.00	23.00	1536.60	0	2.0	4.5	1.57	0.00	
2-105B	A	234	x	30						N/A	II																					
																										TOTAL	TOTAL			TOTAL	TOTAL	
																										6766.60	0.00			6.71	0.00	
																										USE: 6767.00	0.00			7.00	0.00	



TYPICAL ELEVATION
GROUND MOUNTED SIGNS

NOTES:

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.

2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL PROPOSED SUPPORTS, SEE (*) ARTICLE 903-3. ABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	SUPPORT SPACING
NUMBER	TYPE	SIZE (in.) w	x	h								
2-701	A	60	x	120	TOLL NC 540 WB	1	W8x35	S	N/A	N/A	N/A	N/A
2-702	A	96	x	60	TOLL NC 540 WB	2	W6x9	BA	YES	N/A	N/A	4.70
2-703A	A	96	x	60	TOLL NC 540 WB	2	W6x9	BA	YES	N/A	N/A	4.90
2-703B	B	96	x	24						N/A	II	
2-704	A	96	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	4.70
2-705	A	60	x	84	US 64 WB	2	W6x9	BA	YES	N/A	N/A	2.90
2-706	A	60	x	84	US 64 WB	2	W6x9	BA	YES	N/A	N/A	2.90
2-707	A	60	x	84	US 64 EB	2	W6x9	BA	YES	N/A	N/A	3.00
2-708A	A	96	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	4.70
2-708B	B	96	x	24						N/A	II	
2-709	A	60	x	84	US 64 EB	2	W6x9	BA	YES	N/A	N/A	2.90
2-710	A	60	x	120	TOLL NC 540 EB	1	W8x35	S	N/A	N/A	N/A	N/A
2-711	A	168	x	66	TOLL NC 540 EB	2	W6x9	BA	N/A	N/A	N/A	8.20
2-712	A	162	x	126	TOLL NC 540 EB	2	W8x18	BA	N/A	N/A	N/A	7.90
2-713	A	168	x	132	TOLL NC 540 WB	2	W14x30	BA	N/A	N/A	N/A	8.10
2-714	A	144	x	66	TOLL NC 540 EB	2	W6x12	BA	N/A	N/A	N/A	7.00
2-715A	A	234	x	42	US 64 EB	3	W18x35	BA	N/A	II	N/A	7.99
2-715B	A	234	x	120						N/A	N/A	
2-716A	A	234	x	42	US 64 WB	3	W14x30	BA	N/A	II	N/A	7.99
2-716B	A	234	x	162						N/A	N/A	
2-717A	A	234	x	42	US 64 WB	3	W12x26	BA	N/A	II	N/A	7.81
2-717B	A	234	x	120						N/A	N/A	
2-718A	A	72	x	60	TOLL NC 540 WB	2	W6x9	BA	YES	N/A	N/A	3.50
2-718B	B	72	x	24						N/A	II	
2-719	A	72	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	3.50
2-720	A	126	x	66	US 64 WB	2	W6x12	BA	N/A	N/A	N/A	6.15
2-721	A	114	x	60	US 64 WB	2	S4x7.7	BA	N/A	N/A	N/A	5.60
2-722	A	108	x	60	US 64 WB	2	S4x7.7	BA	N/A	N/A	N/A	5.50
2-723	A	114	x	60	US 64 EB	2	S4x7.7	BA	N/A	N/A	N/A	5.50
2-724	A	108	x	60	US 64 EB	2	S4x7.7	BA	N/A	N/A	N/A	5.30

TIP NO.	SHEET NO.
DE00325	SIGN-2-2A

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DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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PROJECT	SHEET NO.
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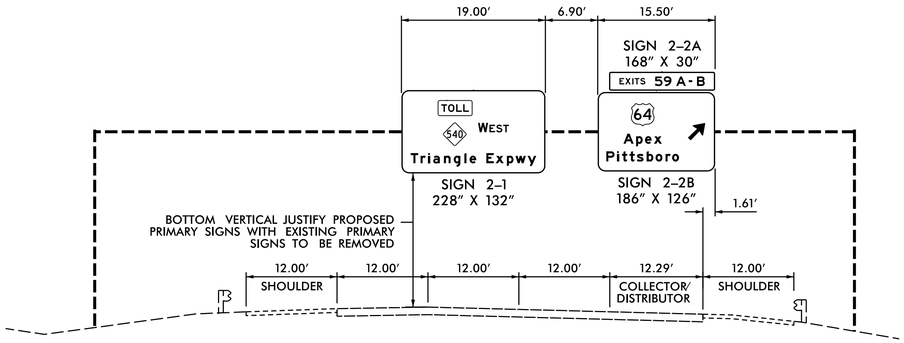
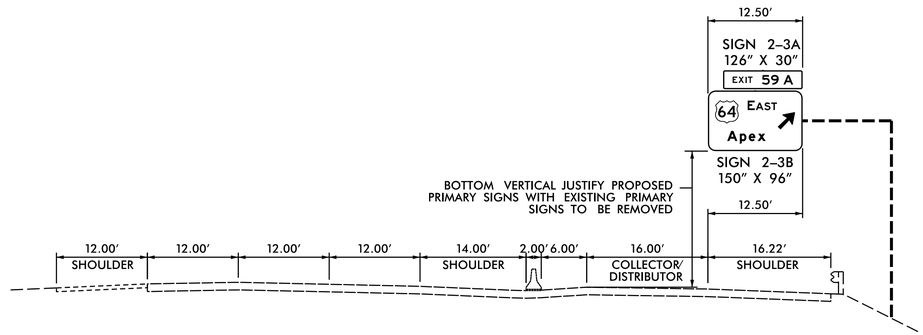


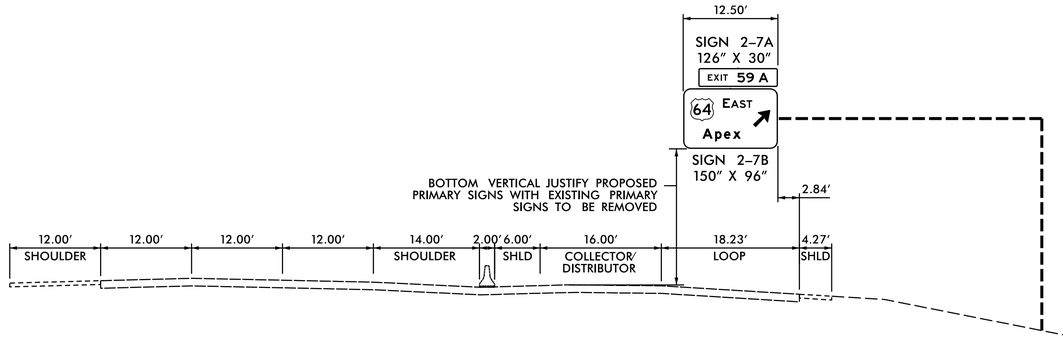
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–AA'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'L'



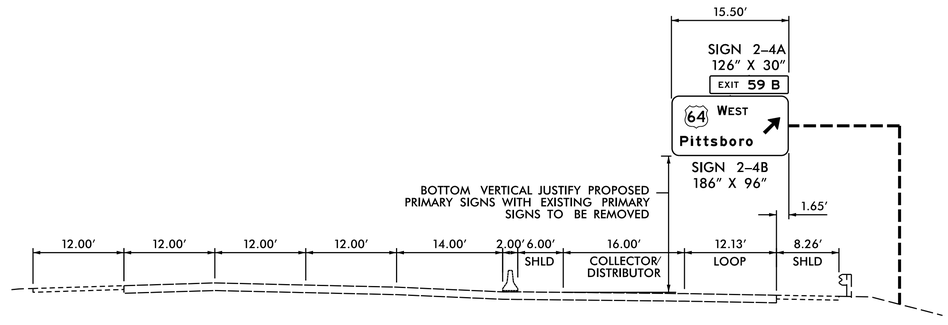
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–BB'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'M'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–CC'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'HH'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–DD'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'P'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '2-AA', '2-BB', '2-CC' AND '2-DD'

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PROJECT	SHEET NO.
DE00325	SIGN–2–3A

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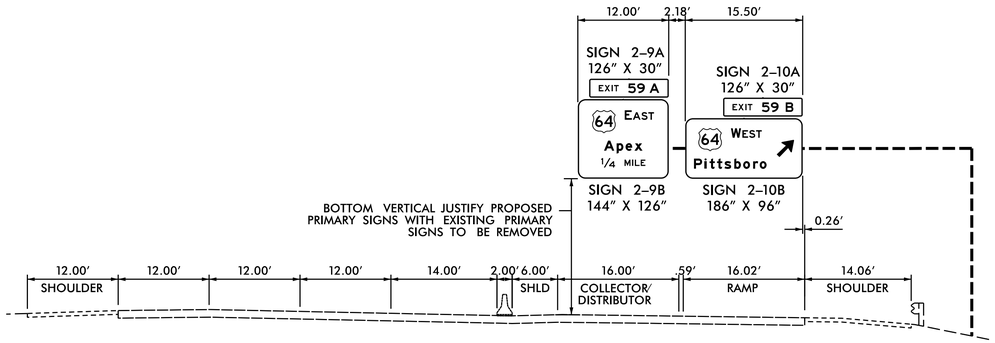
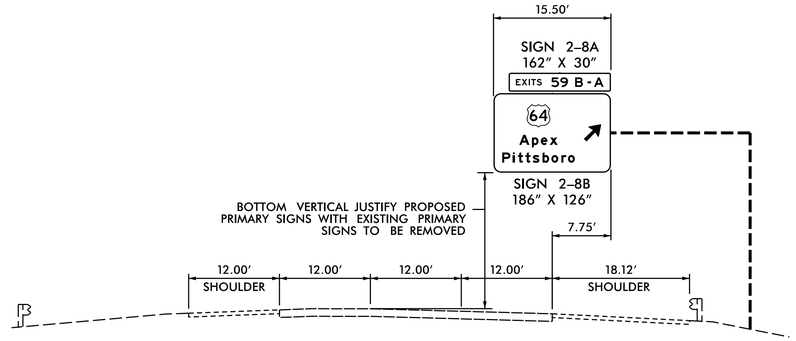


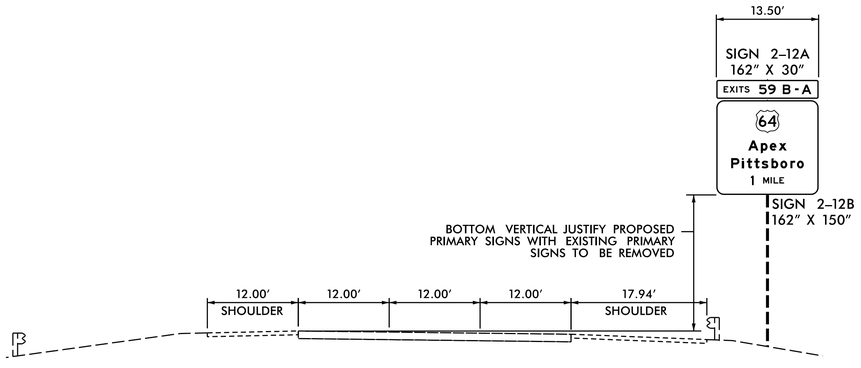
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–EE'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'FF'



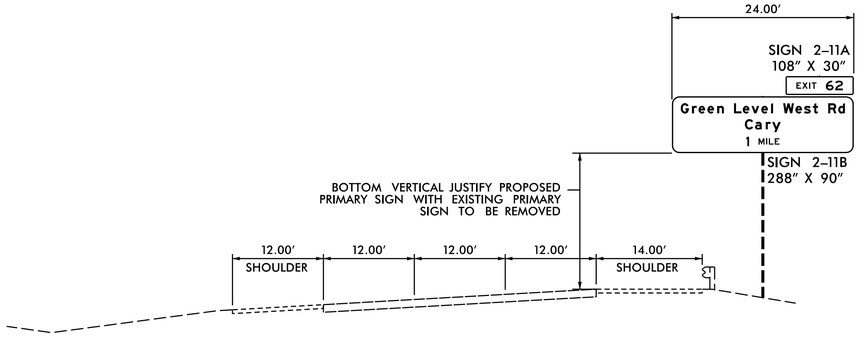
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–FF'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'EE'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–GG'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'DD'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–HH'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'Q'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

HNTB
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Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '2-EE', '2-FF', '2-GG' AND '2-HH'

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

PROJECT	SHEET NO.
DE00325	SIGN-2-3B

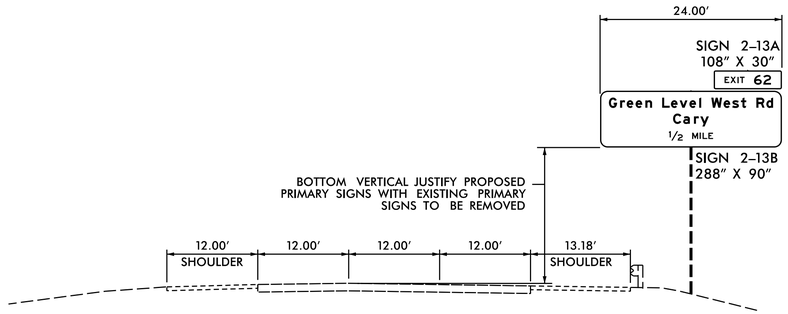
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

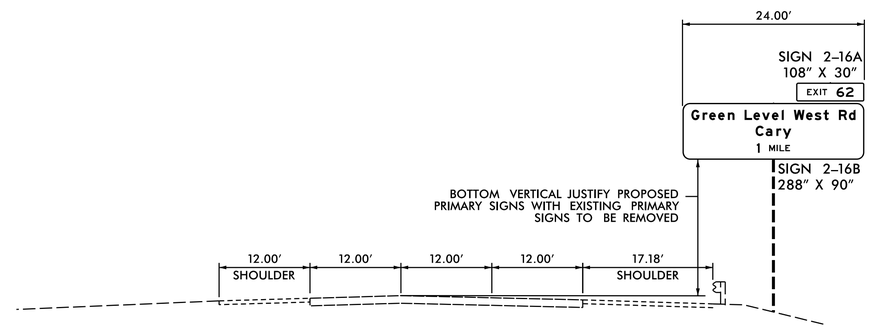
NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



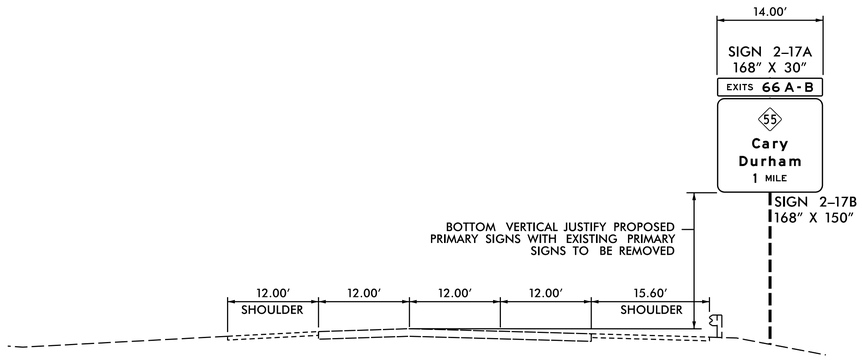
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–II'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'R'



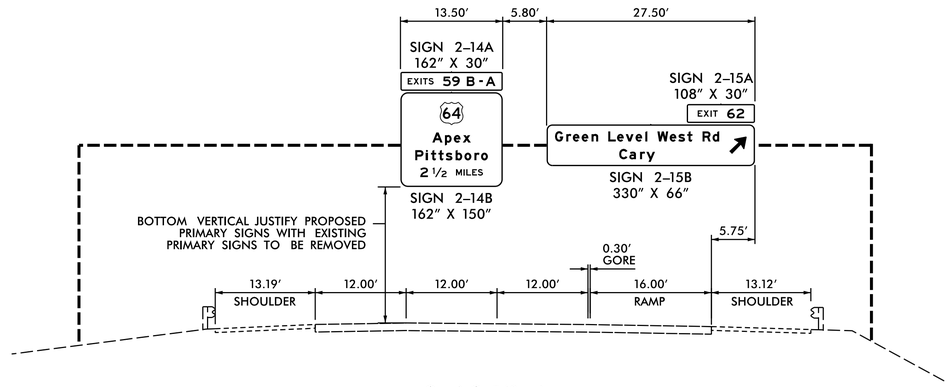
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–JJ'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'BB'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–KK'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'U'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–LL'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'CC'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '2-II', '2-JJ', '2-KK' AND '2-LL'

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

PROJECT	SHEET NO.
DE00325	SIGN-2-3C

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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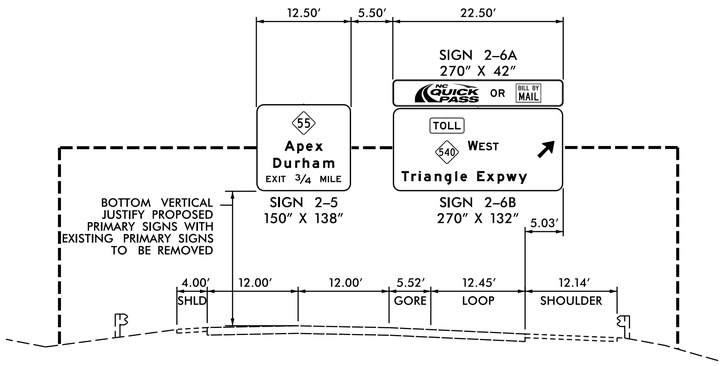
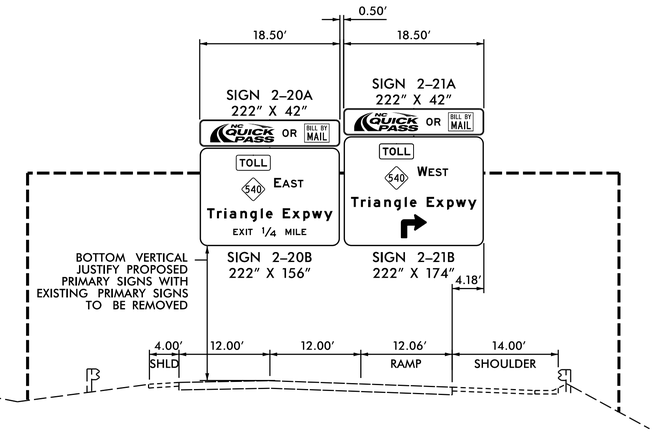


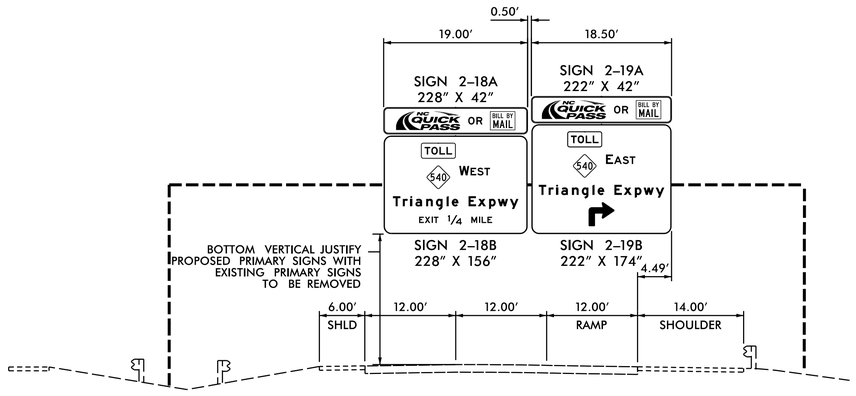
US 64 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–MM'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'N'



US–64 WB
EXISTING OVERHEAD SIGN ASSEMBLY '2–NN'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'O'



US–64 EB
EXISTING OVERHEAD SIGN ASSEMBLY '2–OO'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'GG'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '2-MM', '2-NN' AND '2-00'

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-1
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 19'-0"
HEIGHT: 11'-0"
TOTAL AREA: 209.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 220.0

BACKG COLOR: Green
COPY COLOR: White

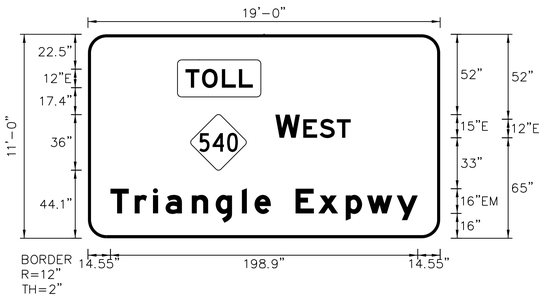
SYMBOL	X	Y	WID	HT
NC363A	66.5	44.1	36	36
TOLL	57.9	91.5	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	63.2	10.7	12.8	11	9	121.3																									43.6
		W		E	S	T																									E 2000
	121.3	15.9	2.2	10.7	11	9	57.9																								48.8
		T	r	i	o	n	g	l	e		E	x	p	w	y																EM 2000
	14.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	14.6															198.9

SIGN NUMBER: 2-2A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

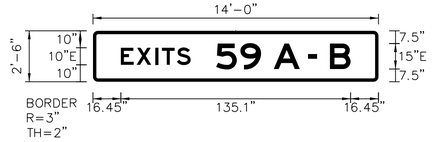
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T	S																									E 2000
	16.4	9.2	11.1	3.8	8.8	8.1	110.5																								41
		5	9		A		–		B																						E 2000
	72.5	14.3	12.1	7.5	15.3	5	5.2	7.5	12.1	16.4																					79.1

SIGN NUMBER: 2-2B,2-8B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 15'-6"
HEIGHT: 10'-6"
TOTAL AREA: 162.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

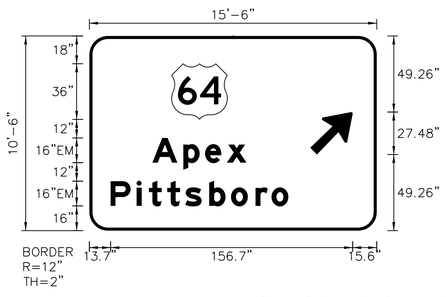
SYMBOL	X	Y	WID	HT
M1_4	53.3	72	36	36
Type A Arrow	142.9	49.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		A	p	e	x																										EM 2000
	40.8	20	14.1	14.1	12.8	84.3																									61
		P	i	t	t	s	b	o	r	o																					EM 2000
	13.7	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	57.2																				115

SIGN NUMBER: 2-3A,2-7A,2-9A
TYPE: B (OVHD)
QUANTITY: 3
SIGN WIDTH: 10'-6"
HEIGHT: 2'-6"
TOTAL AREA: 26.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

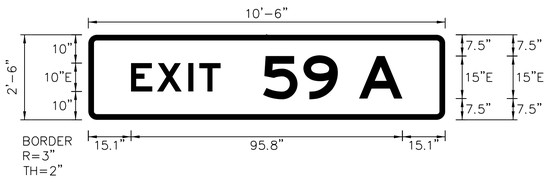
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	15.1	9.2	11.1	3.8	7.5	79.3																									31.6
		5	9		A																										E 2000
	61.7	14.2	12.2	7.5	15.3	15.1																									49.2

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4A

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-3B,2-7B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 12'-6"
HEIGHT: 8'-0"
TOTAL AREA: 100.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 142.0

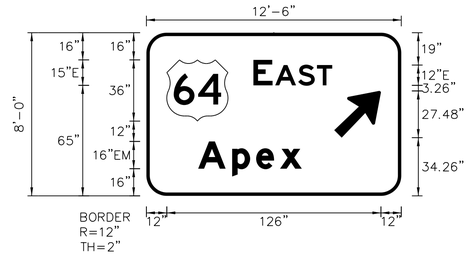
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	12	44	36	36
Type A Arrow	110.5	34.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

								Series/Size Text Length
	E		A	S	T			E 2000
63	11.3	1.5	13.6	11	9	40.6		46.4
	A	p	e	x				EM 2000
30.5	20	14.1	14.1	12.8	58.6			61

SIGN NUMBER: 2-4A,2-10A
TYPE: B (OVHD)
QUANTITY: 2
SIGN WIDTH: 10'-6"
HEIGHT: 2'-6"
TOTAL AREA: 26.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 118.0

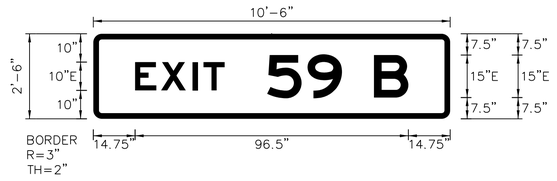
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	E	X	I	T			E 2000
14.8	9.2	11.1	3.8	7.5	79.6		31.6
	5	9		B			E 2000
61.4	14.3	12.2	11.3	12.2	14.8		49.9

SIGN NUMBER: 2-4B,2-10B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 15'-6"
HEIGHT: 8'-0"
TOTAL AREA: 124.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 178.0

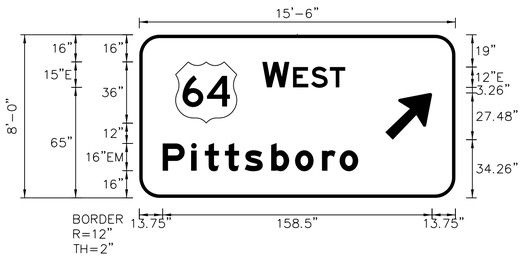
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	21.4	44	36	36
Type A Arrow	144.8	34.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

												Series/Size Text Length
	W		E	S	T							E 2000
72.4	15.9	2.2	10.7	11	9	64.9						48.8
	P	i	t	t	s	b	o	r	o			EM 2000
13.7	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	57.2		115

SIGN NUMBER: 2-5
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 12'-6"
HEIGHT: 11'-6"
TOTAL AREA: 143.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 142.0

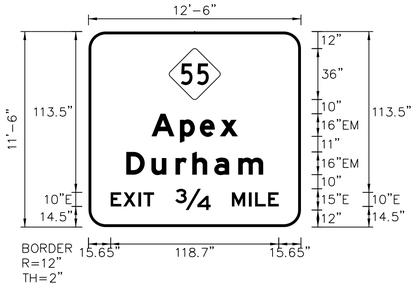
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-2-24-10C	57	90	36	36

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

| | | | | | | | | | | | |

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-4B

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-6A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 3'-6"
TOTAL AREA: 78.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 262.0

BACKG COLOR: White
COPY COLOR: Black

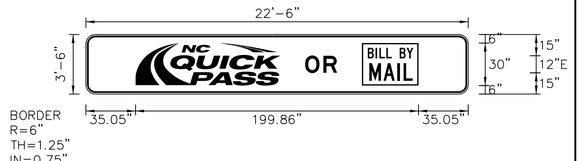
SYMBOL	X	Y	WID	HT
NC QUICK PASS	35.1	6	102.3	30
BILL BY MAIL	194.9	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" alumimun and demoutable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																											Series/Size Text Length
	154.9	12.8	9.7	92.6																										E 2000 22.6

SIGN NUMBER: 2-6B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 11'-0"
TOTAL AREA: 247.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 262.0

BACKG COLOR: Green
COPY COLOR: White

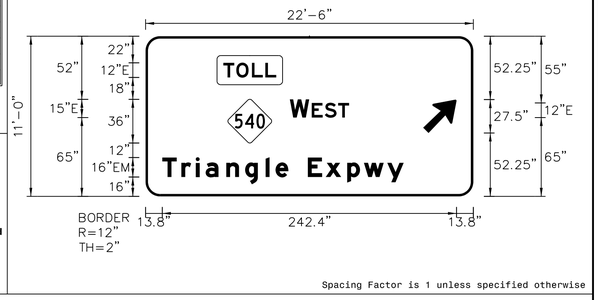
SYMBOL	X	Y	WID	HT
Type A Arrow	228.7	52.3	22.3	35
NC363A	67.9	44	36	36
TOLL	58.9	92	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.
5. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																									Series/Size Text Length
	64.1	10.7	12.8	11	9	162.4																								E 2000 43.6
		W		E	S	T																								
	118.9	15.9	2.2	10.7	11	9	102.4																							E 2000 48.8
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.8	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	57.3														198.9

SIGN NUMBER: 2-8A,2-12A, 2-14A
TYPE: A (OVHD)
QUANTITY: 3
SIGN WIDTH: 13'-6"
HEIGHT: 2'-6"
TOTAL AREA: 33.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 154.0

BACKG COLOR: Green
COPY COLOR: White

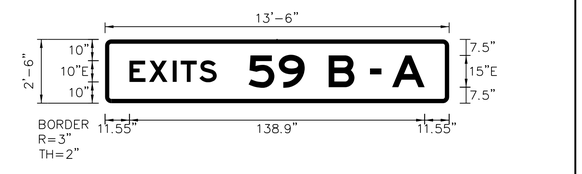
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T	S																								Series/Size Text Length
	11.5	9.2	11.1	3.8	8.8	8.1	109.4																							E 2000 41
		5	9		B		–		A																					E 2000
	67.6	14.3	12.2	11.3	12.2	7.5	5.3	5	15.3	11.5																				82.9

SIGN NUMBER: 2-9B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 12'-0"
HEIGHT: 10'-6"
TOTAL AREA: 126.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 136.0

BACKG COLOR: Green
COPY COLOR: White

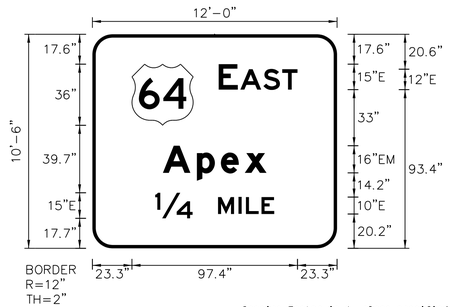
SYMBOL	X	Y	WID	HT
M1_4	23.3	72.4	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		E		A	S	T																								Series/Size Text Length
	74.3	11.3	1.5	13.6	11	9	23.3																							E 2000 46.4
		A	p	e	x																									EM 2000
	41.5	20	14.1	14.1	12.8	41.5																								61
		1/4		M	I	L	E																							E 2000
	37	22	15	12	4.4	9.2	7.5	37																						70.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4C

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-11A,2-13A, 2-15A,2-16A
BACKG COLOR: Green
COPY COLOR: White
TYPE: B (OVHD)
QUANTITY: 4
SIGN WIDTH: 9'-0"
HEIGHT: 2'-6"
TOTAL AREA: 22.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 100.0

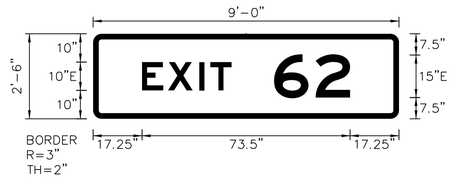
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	17.3	9.2	11.1	3.8	7.5	59.1																								31.6
		6	2																											E 2000
	63.9	14.7	12.2	17.3																										26.9

SIGN NUMBER: 2-11B,2-16B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 24'-0"
HEIGHT: 7'-6"
TOTAL AREA: 180.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 280.0

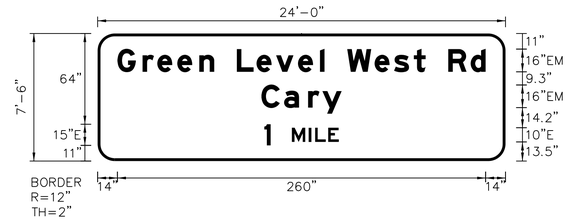
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		G	r	e	e	n		L	e	v	e	l		W	e	s	t		R	d										EM 2000
	14	17.8	10.4	14.1	15.5	10.6	16	13.9	13.8	15.5	15.5	3.2	16	19.4	13.8	13.9	8.3	16	15.8	10.6	14									260
		C	o	r	y																									EM 2000
	115.7	16	17	10.1	13.6	115.7																								56.6
		1		M	I	L	E																							E 2000
	117.7	4.5	15	12	4.4	9.2	7.5	117.7																						52.6

SIGN NUMBER: 2-12B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 12'-6"
TOTAL AREA: 168.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 154.0

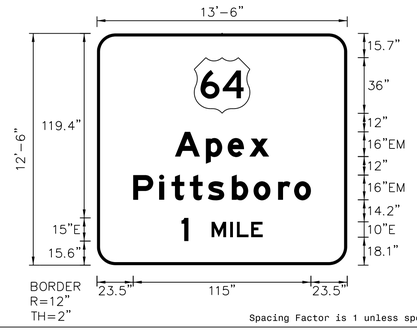
SYMBOL	X	Y	WID	HT
M1_4	63	98.3	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									EM 2000
	50.5	20	14.1	14.1	12.8	50.5																								61
		P	i	t	t	s	b	o	r	o																				EM 2000
	23.5	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	23.5																			115
		1		M	I	L	E																							E 2000
	54.7	4.5	15	12	4.4	9.2	7.5	54.7																						52.6

SIGN NUMBER: 2-13B
BACKG COLOR: Green
COPY COLOR: White
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 7'-6"
TOTAL AREA: 180.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 280.0

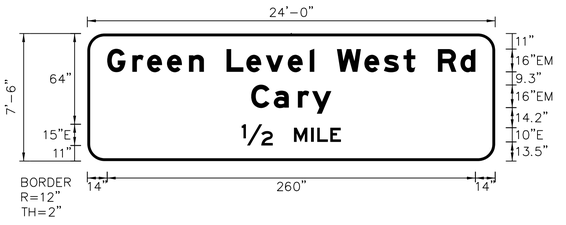
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV
CHECKED BY: ADK
PROJECT ID: DE00325
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		G	r	e	e	n		L	e	v	e	l		W	e	s	t		R	d										EM 2000
	14	17.8	10.4	14.1	15.5	10.6	16	13.9	13.8	15.5	15.5	3.2	16	19.4	13.8	13.9	8.3	16	15.8	10.6	14									260
		C	o	r	y																									EM 2000
	115.7	16	17	10.1	13.6	115.7																								56.6
		1/2		M	I	L	E																							E 2000
	109	22	15	12	4.4	9.2	7.5	109																						70.1

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TIP NO.	SHEET NO.
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APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-14B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 12'-6"
TOTAL AREA: 168.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 154.0

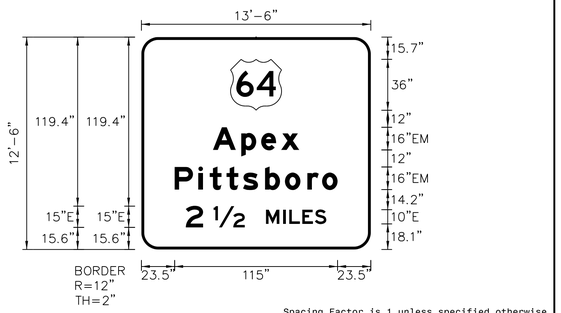
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	63	98.3	36	36

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325X DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									EM 2000
	50.5	20	14.1	14.1	12.8	50.5																								61
		P	i	t	t	s	b	o	r	o																				EM 2000
	23.5	16.8	8	11.8	11.7	15.5	14.1	15.8	10.4	10.9	23.5																			115
		2		1/2		M	I	L	E	S																				E 2000
	31.4	12.2	7.5	22	15	12	4.4	9.2	8.9	8.1	31.4																			99.2

SIGN NUMBER: 2-15B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 27'-6"
HEIGHT: 5'-6"
TOTAL AREA: 151.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 322.0

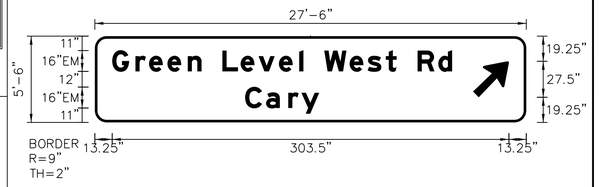
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	289.3	19.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Center arrow vertically on panel.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		G	r	e	e	n		L	e	v	e	l		W	e	s	t		R	d										EM 2000
	13.3	17.8	10.4	14.1	15.5	10.6	16	13.9	13.8	15.5	15.5	3.2	16	19.4	13.8	13.9	8.3	16	15.8	10.6	56.7									260
		C	a	r	y																									EM 2000
	114.9	16	17	10.1	13.6	158.4																								56.6

SIGN NUMBER: 2-17A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 2'-6"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 160.0

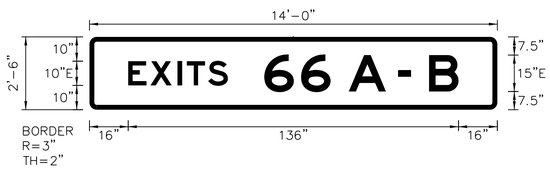
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T	S																								E 2000
	16	9.2	11.1	3.8	8.8	8.1	111																							41
		6	6		A		–		B																					E 2000
	72	15.2	12.2	7.5	15.3	5	5.3	7.5	12.2	16																				80

SIGN NUMBER: 2-17B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 12'-6"
TOTAL AREA: 175.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 160.0

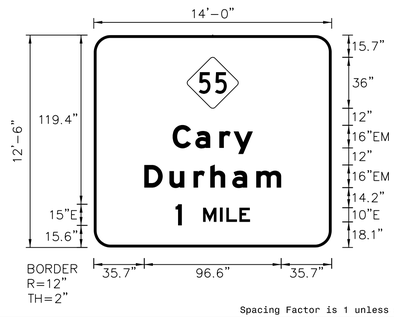
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-2-24-10C	66	98.3	36	36

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		C	a	r	y																									EM 2000
	55.7	16	17	10.1	13.6	55.7																								56.6
		D	u	r	h	a	m																							EM 2000
	35.7	17.8	17	11.8	15.5	17	17.6	35.7																						96.6
		1		M	I	L	E																							E 2000
	57.7	4.5	15	12	4.4	9.2	7.5	57.7																						52.6

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DATE: 9/8/2021

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SIGN NUMBER: 2-18A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 19'-0"
HEIGHT: 3'-6"
TOTAL AREA: 66.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 220.0

BACKG COLOR: White
COPY COLOR: Black

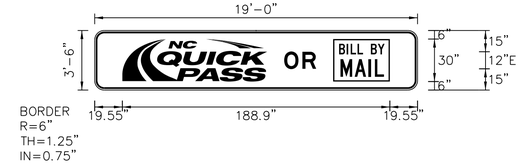
SYMBOL	X	Y	WID	HT
NC QUICK PASS	19.6	6	102.3	30
BILL BY MAIL	168.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" alumimun and demoutable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																													Series/Size Text Length
																																E 2000
	133.9	12.8	9.7	71.6																												22.6

SIGN NUMBER: 2-18B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 19'-0"
HEIGHT: 13'-0"
TOTAL AREA: 247.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 220.0

BACKG COLOR: Green
COPY COLOR: White

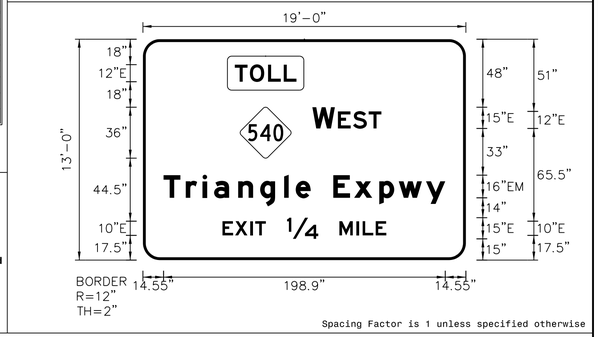
SYMBOL	X	Y	WID	HT
NC363A	68.6	72	36	36
TOLL	59.6	120	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																											Series/Size Text Length
	64.8	10.7	12.8	11	9	119.6																										E 2000 43.6
		W		E	S	T																										
	119.6	15.9	2.2	10.7	11	9	59.6																									E 2000 48.8
		T	r	i	a	n	g	l	e		E	x	p	w	y																	EM 2000
	14.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	14.6																198.9
		E	X	I	T		1/4		M	I	L	E																				E 2000
	56.2	8.9	10.7	3.5	7.5	15	22	15	12	4.4	9.2	7.5	56.2																			115.7

SIGN NUMBER: 2-19A,2-20A
2-21A
TYPE: A (OVHD)
QUANTITY: 3
SIGN WIDTH: 18'-6"
HEIGHT: 3'-6"
TOTAL AREA: 64.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 214.0

BACKG COLOR: White
COPY COLOR: Black

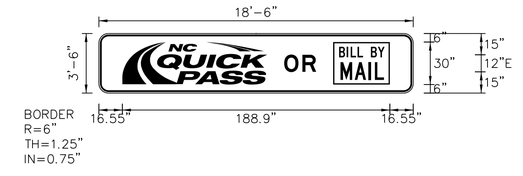
SYMBOL	X	Y	WID	HT
NC QUICK PASS	16.6	6	102.3	30
BILL BY MAIL	165.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" alumimun and demoutable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																													Series/Size Text Length
																																E 2000
	130.9	12.8	9.7	68.6																												22.6

SIGN NUMBER: 2-19B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 14'-6"
TOTAL AREA: 268.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 5
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

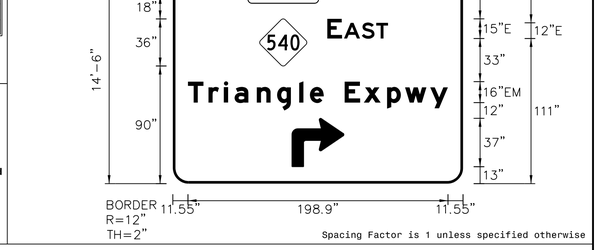
SYMBOL	X	Y	WID	HT
NC363A	66.4	90	36	36
Type A Adv Rt	91.1	13	37	39.8
TOLL	57.4	138	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																											Series/Size Text Length
	62.7	10.7	12.8	11	9	115.8																										E 2000 43.6
		E		A	S	T																										
	118.2	11.3	1.5	13.6	11	9	57.4																									E 2000 46.4
		T	r	i	a	n	g	l	e		E	x	p	w	y																	EM 2000
	11.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	11.6																198.9

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-4F

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-20B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 13'-0"
TOTAL AREA: 240.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 214.0

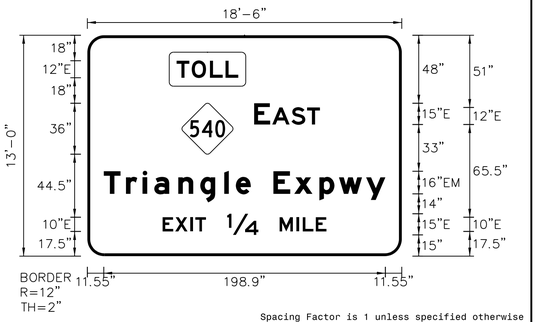
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363A	66.8	72	36	36
TOLL	57.8	120	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	63	10.7	12.8	11	9	115.4																								43.6
		E		A	S	T																								E 2000
	117.8	11.3	1.5	13.6	11	9	57.8																							46.4
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	11.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	11.6														198.9
		E	X	I	T		1/4		M	I	L	E																		E 2000
	53.2	8.9	10.7	3.5	7.5	15	22	15	12	4.4	9.2	7.5	53.2																	115.7

SIGN NUMBER: 2-21B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 14'-6"
TOTAL AREA: 268.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 5
LENGTH: 214.0

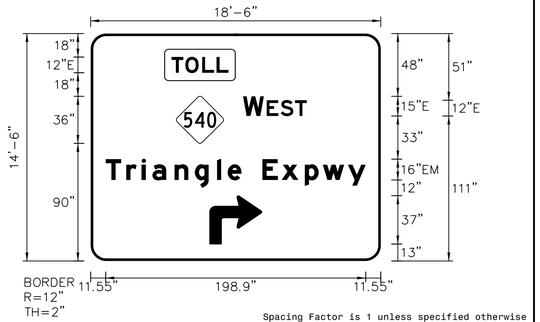
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363A	65.6	90	36	36
Type A Adv Rt	91.1	13	37	39.8
TOLL	56.6	120	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	61.8	10.7	12.8	11	9	116.6																								43.6
		W		E	S	T																								E 2000
	116.6	15.9	2.2	10.7	11	9	56.6																							48.8
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	11.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	11.6														198.9

SIGN NUMBER: 2-101A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 7'-6"
TOTAL AREA: 108.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 166.0

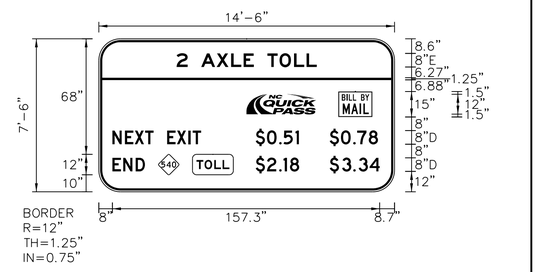
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	86.9	45.5	41	12
BILL BY MAIL	140.9	44	20	15
NC243A	35.1	10	12	12
TOLL	55.1	10	24	12

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
6. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
7. Fabricate NC 540 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2		A	X	L	E		T	O	L	L																		D 2000
	45.8	6.5	8	9	8.6	7.4	6	8	7.1	8.6	7.4	6	45.8																	82.5
		N	E	X	T		E	X	I	T		$	0	.	5	1		$	0	.	7	8								D 2000
	8	7.4	5.8	6.1	5	8	5.8	6.8	2.5	5	32.1	6.6	7.2	2.6	7	2	18.1	6.6	7.2	2.3	6.8	5.4	9.8							156.2
		E	N	D		$	2	.	1	8		$	3	.	3	4														D 2000
	8	6.3	7.4	5.4	65.2	6.6	7.2	2.6	3.8	5.4	18	7.3	6.6	3.2	6.4	6	8.7														157.3

SIGN NUMBER: 2-101B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 2'-0"
TOTAL AREA: 29.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 166.0

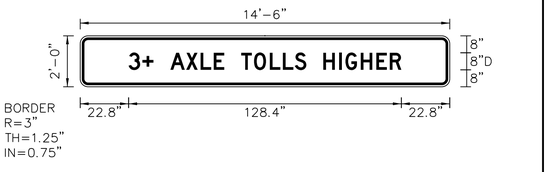
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		3	+	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R							D 2000
	22.8	6.5	0	5.2	8	7.4	6.8	6.2	5	8	6	7.4	6.2	5.6	5.4	8	7.4	3	7.2	7.4	6.3	5.4	22.8							128.4

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-4G

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 4031 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-102A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

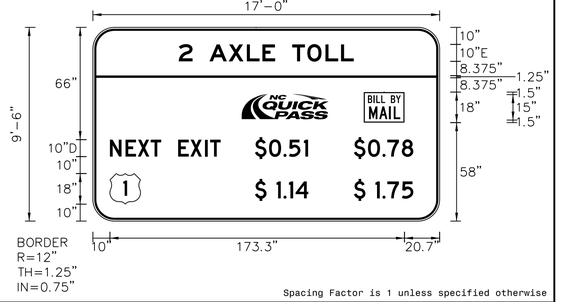
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																103
		N	E	X	T		E	X	I	T		$	0	.	5	1		$	0	.	7	8							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	20.2	8.3	8.5	3.2	8.8	2.5	27	8.3	8.5	2.9	8.5	6.8	15.5						178.5
		$	1	.	1	4		$	1	.	7	5																	D 2000
	95.3	12.7	4.1	3.2	3.9	7.5	26.8	12.7	4.1	2.9	8.5	6.8	15.4																93.2

SIGN NUMBER: 2-102B,2-104B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 17'-0"
HEIGHT: 2'-6"
TOTAL AREA: 42.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

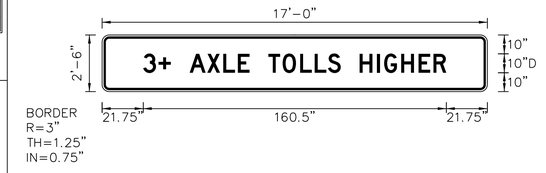
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R								D 2000
	21.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	21.7							160.5

SIGN NUMBER: 2-103A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 9'-6"
TOTAL AREA: 185.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 226.0

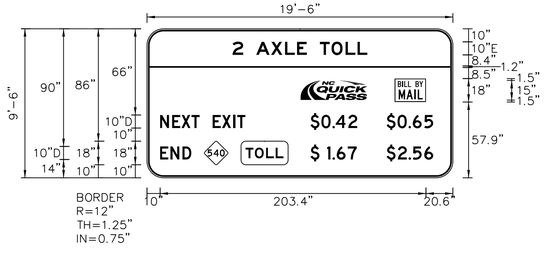
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	117.5	59.5	51.2	15
BILL BY MAIL	189.4	57.9	24	18
NC243A	43.9	10	18	18
TOLL	71.9	10	36	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
6. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
7. Proposed support spacing is 7.50'.
8. Fabricate NC 540 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	65.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	65.5																103.1
		N	E	X	T		E	X	I	T		$	0	.	4	2		$	0	.	6	5							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	49.9	8.3	8.5	2.4	9.7	6.8	22.5	8.3	8.5	3.2	8.8	6.8	15.1						208.9
		E	N	D		$	1	.	6	7		$	2	.	5	6													D 2000
	10	7.9	9.2	6.8	91.2	12.7	4.1	3.2	8.5	6.8	22.9	8.6	8.2	3.2	8.8	6.8	15.1												208.9

SIGN NUMBER: 2-103B,2-105B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 19'-6"
HEIGHT: 2'-6"
TOTAL AREA: 48.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 226.0

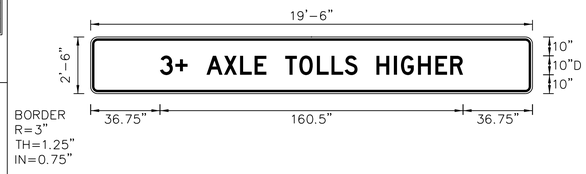
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R								D 2000
	36.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	36.7							160.5

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4H

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-104A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

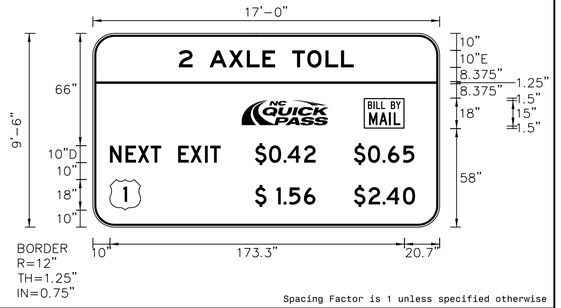
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																103
		N	E	X	T		E	X	I	T		$	0	.	4	2		$	0	.	6	5							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	20.2	8.3	8.5	2.4	9.7	6.8	22.6	8.3	8.5	3.2	8.8	6.8	14.9						179.1
		$	1	.	5	6		$	2	.	4	0																	D 2000
	95.3	12.7	4.1	3.2	8.8	6.8	22.6	8.6	8.2	2.4	9.7	7.1	14.4																94.2

SIGN NUMBER: 2-105A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 9'-6"
TOTAL AREA: 185.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 226.0

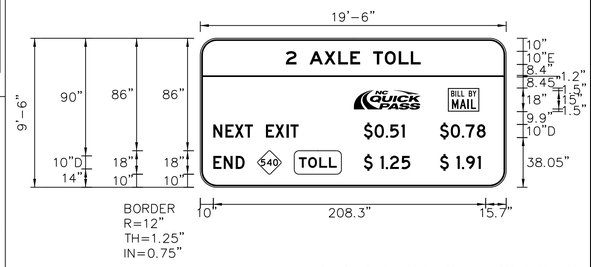
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	117.5	59.5	51.2	15
BILL BY MAIL	189.4	57.9	24	18
NC243A	43.9	10	18	18
TOLL	71.9	10	36	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
6. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
7. Proposed support spacing is 7.50'.
8. Fabricate NC 540 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	65.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	65.5																103.1
		N	E	X	T		E	X	I	T		$	0	.	5	1		$	0	.	7	8							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	49.9	8.3	8.5	3.2	8.8	2.5	26.9	8.3	8.5	2.9	8.5	6.8	15.7						208.3
		E	N	D		$	1	.	2	5		$	1	.	9	1													D 2000
	10	7.9	9.2	6.8	91.2	12.7	4.1	3.2	8.8	6.8	22.6	12.7	4.1	3.2	8.8	2.5	19.4												204.6

SIGN NUMBER: 2-301,2-302
TYPE: D
QUANTITY: 2
SIGN WIDTH: 4'-0"
HEIGHT: 1'-6"
TOTAL AREA: 6.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

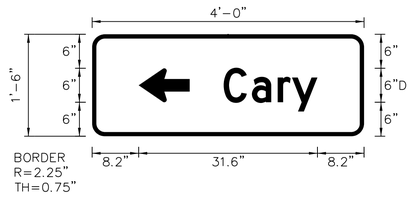
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type D Arrow	8.2	6	6	9

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		C	a	r	y																								D 2000
	23.2	5	4.6	2.5	4.5	8.2																							16.6

SIGN NUMBER: 2-303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 4'-0"
HEIGHT: 1'-6"
TOTAL AREA: 6.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

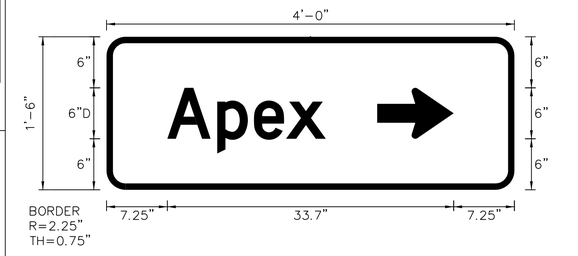
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type D Arrow	31.8	6	6	9

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		A	p	e	x																								D 2000
	7.2	5.9	4.3	3.8	4.7	22.2																							18.7

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-41

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 2'-6"
TOTAL AREA: 13.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

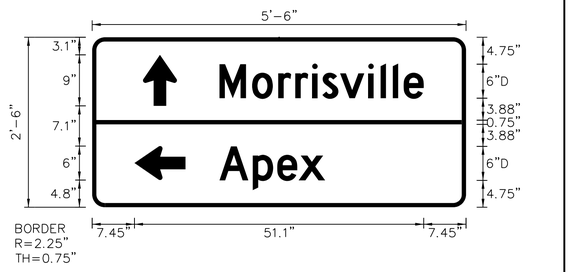
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type D Arrow	9	17.9	6	9
Type D Arrow	7.5	4.8	6	9

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 3.80'.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

															Series/Size Text Length
	M	o	r	r	i	s	v	i	l	l	e				D 2000
22.5	5.8	4.6	3	3	1.8	3.1	5	2.2	2.2	1.9	3.5	7.5			36.1
	A	p	e	x											D 2000
22.5	5.9	4.3	3.8	4.7	24.9										18.7

SIGN NUMBER: 2-305
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 1'-6"
TOTAL AREA: 8.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

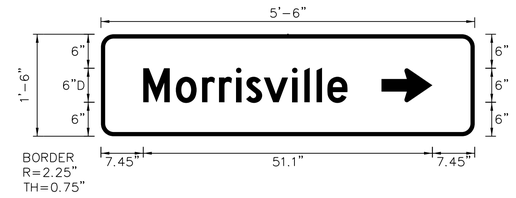
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type D Arrow	49.5	6	6	9

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 3.70'.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

															Series/Size Text Length
	M	o	r	r	i	s	v	i	l	l	e				D 2000
7.5	5.8	4.6	3	3	1.8	3.1	5	2.2	2.2	1.9	3.5	22.5			36.1

SIGN NUMBER: 2-306
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 2'-6"
TOTAL AREA: 13.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS: N/A
LENGTH: N/A

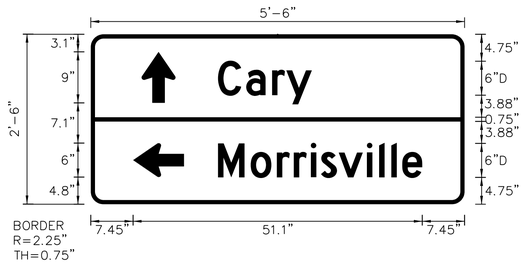
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type D Arrow	9	17.9	6	9
Type D Arrow	7.5	4.8	6	9

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 3.50'.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

															Series/Size Text Length
	C	a	r	y											D 2000
22.5	5	4.6	2.5	4.5	27										16.6
	M	o	r	r	i	s	v	i	l	l	e				D 2000
22.5	5.8	4.6	3	3	1.8	3.1	5	2.2	2.2	1.9	3.5	7.5			36.1

SIGN NUMBER: 2-601
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72"
HEIGHT: 21.1"
TOTAL AREA: 10.55 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0"
WIDTH: 0"
RADII: 0"
NO. Z BARS:
LENGTH:

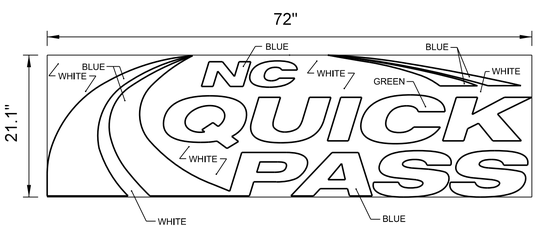
BACKG COLOR: WHITE
COPY COLOR: BLUE/GREEN

SYMBOL	X	Y	WID	HT

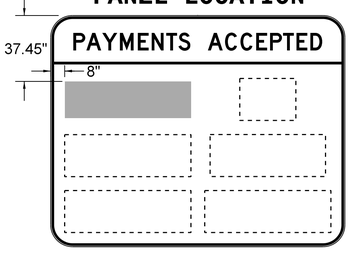
MAT'L: 0.032" ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Blue is 294.
4. Approved PANTONE matching color for Green is 342.

DESIGN BY: NKV CHECKED BY: ADK
DATE: May 2021



PANEL LOCATION



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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4J

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 2-602
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 32″
HEIGHT: 24″
TOTAL AREA: 5.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 0.75″
RADII: 0″
NO. Z BARS:
LENGTH:

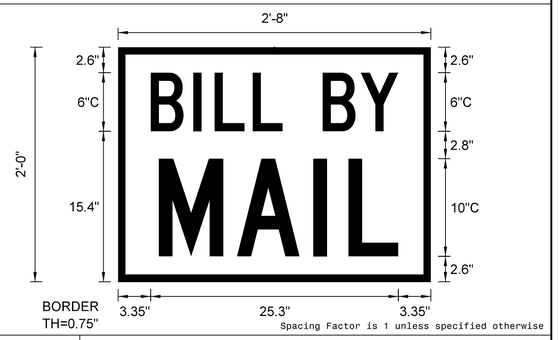
BACKG COLOR: WHITE
COPY COLOR: BLACK

SYMBOL	X	Y	WID	HT

MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend and border shall be non-relective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK DATE: May 2021



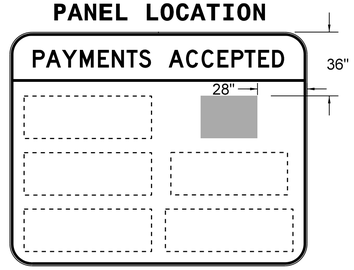
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

												Series/Size Text Length
		B	I	L	L		B	Y				C 2000
	3.3	4.4	2.2	3.9	3.1	4.1	3.9	3.8	3.3			25.3
		M	A	I	L							C 2000
	4.2	8	7.8	3.6	5.1	3.3						24.5

PANEL LOCATION



SIGN NUMBER: 2-603
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 18″
TOTAL AREA: 9 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

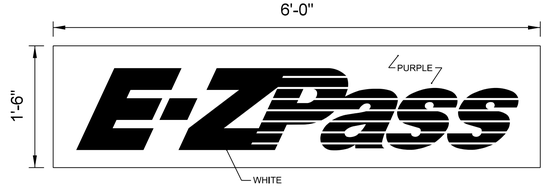
BACKG COLOR: PURPLE
COPY COLOR: WHITE

SYMBOL	X	Y	WID	HT

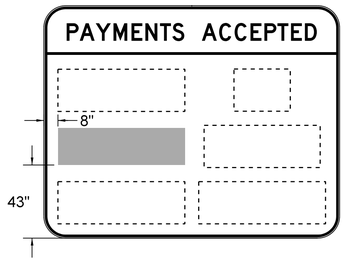
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Purple is 259.

DESIGN BY: NKV CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 2-604
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 66″
HEIGHT: 24″
TOTAL AREA: 11 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

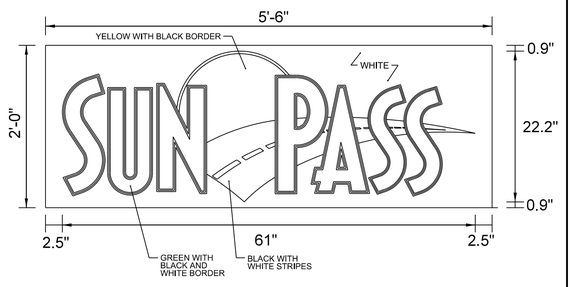
BACKG COLOR: WHITE
COPY COLOR: VARIOUS

SYMBOL	X	Y	WID	HT

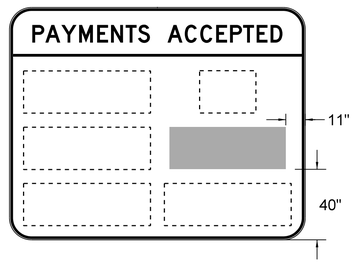
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.

DESIGN BY: NKV CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 2-605
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 24″
TOTAL AREA: 12 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: WHITE
COPY COLOR: VARIOUS

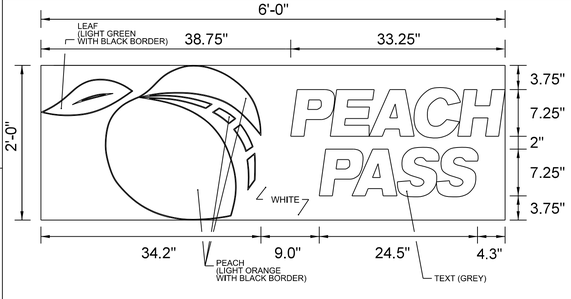
SYMBOL	X	Y	WID	HT
PEACH	0	0	34.2	24

MAT'L: 0.032″ ALUMINUM

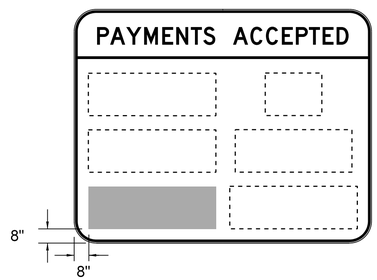
NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.
3. Font is Helvetica Neue Black Italic.

COLORS	
PEACH	PANTONE 163 TRANSLUCENT
LEAF	PANTONE 368 TRANSLUCENT
TEXT	PANTONE 9 OPAQUE

DESIGN BY: NKV CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4K

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-701
TYPE: A
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 10'-0"
TOTAL AREA: 50.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 3
LENGTH: 52.0

BACKG COLOR: Green
COPY COLOR: White

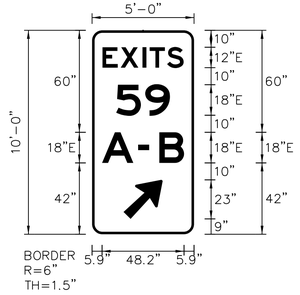
SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	9	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Mounted on one support.
5. Existing support size is W8x35.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T	S																								E 2000
	6.1	10.7	12.8	4.2	10.3	9.7	6.1																							47.8
		5	9																											E 2000
	14.2	17.1	14.6	14.2																										31.7
		A		–		B																								E 2000
	5.9	18.4	3	6.3	6	14.6	5.9																							48.2

SIGN NUMBER: 2-702,2-708A
TYPE: A
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

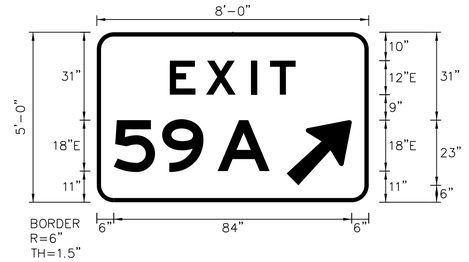
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   2-702 = 4.70'
   2-708A= 4.70'.
5. Existing support sizes are as follows:
   2-702 = W6x9
   2-708A= W6x9.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		5	9		A																									E 2000
	6	17.1	14.6	5	18.4	35																								55

SIGN NUMBER: 2-703A,2-704
TYPE: A
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

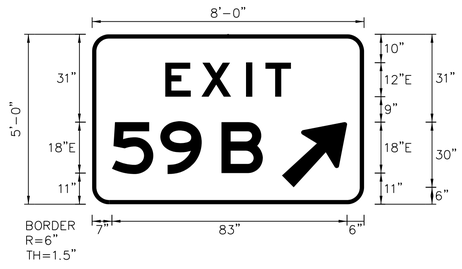
SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   2-703A= 4.90'
   2-704 = 4.70'.
5. Existing support sizes are as follows:
   2-704 = W6x9
   2-703A= W6x9.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	25.8	12.8	15.8	6.8	9	25.8																								44.4
		5	9		B																									E 2000
	7	17.1	14.6	7	14.6	35.7																								53.3

SIGN NUMBER: 2-703B,2-708B
TYPE: B
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 2'-0"
TOTAL AREA: 16.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Yellow
COPY COLOR: Black

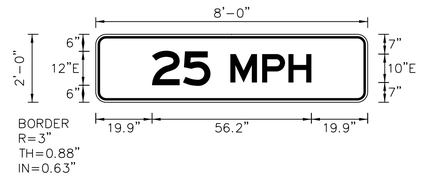
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 5 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2	5		M	P	H																							E 2000
	19.9	10.9	9.7	7	11.2	9.3	8.1	19.9																						56.2

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4L

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-705,2-707 **BACKG COLOR:** Yellow/Green
COPY COLOR: Black/White
TYPE: A
QUANTITY: 2
SIGN WIDTH: 5'-0"
HEIGHT: 7'-0"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 52.0

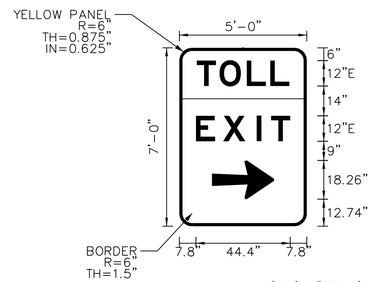
SYMBOL	X	Y	WID	HT
Type A Arrow	15.4	12.7	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 60" X 24". (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")
5. Existing support spacings are as follows: 2-717 = 2.90' 2-721 = 3.00'
6. Existing support size are as follows: 2-717 = W6x9 2-721 = W6x9

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																								Series/Size Text Length
	8.2	10.7	12.8	11	9	8.2																							E 2000 43.6
		E	X	I	T																								E 2000
	7.8	12.8	15.8	6.8	9	7.8																							44.4

SIGN NUMBER: 2-706,2-709 **BACKG COLOR:** Yellow/Green
COPY COLOR: Black/White
TYPE: A
QUANTITY: 2
SIGN WIDTH: 5'-0"
HEIGHT: 7'-0"
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 52.0

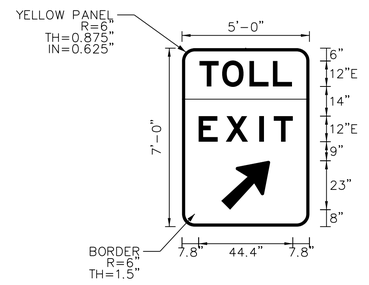
SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	8	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 60" X 24". (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")
5. Existing support spacing is 2.90'.
6. Existing support size is W6x9.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																								Series/Size Text Length
	8.2	10.7	12.8	11	9	8.2																							E 2000 43.6
		E	X	I	T																								E 2000
	7.8	12.8	15.8	6.8	9	7.8																							44.4

SIGN NUMBER: 2-710 **BACKG COLOR:** Green
COPY COLOR: White
TYPE: A
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 10'-0"
TOTAL AREA: 50.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 3
LENGTH: 52.0

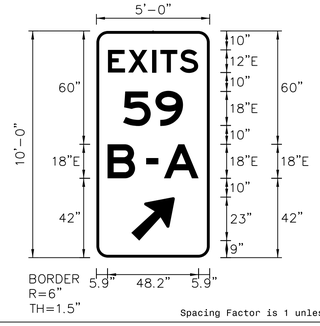
SYMBOL	X	Y	WID	HT
Type A Arrow	18.5	9	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Mounted on one support.
5. Existing support size is W8x35.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T	S																							Series/Size Text Length
	6.1	10.7	12.8	4.2	10.3	9.7	6.1																						E 2000 47.8
		5	9																										E 2000
	14.2	17.1	14.6	14.2																									31.7
		B		–		A																							E 2000
	5.9	14.6	6	6.3	3	18.4	5.9																						48.2

SIGN NUMBER: 2-711 **BACKG COLOR:** Green
COPY COLOR: White
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 5'-6"
TOTAL AREA: 77.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 160.0

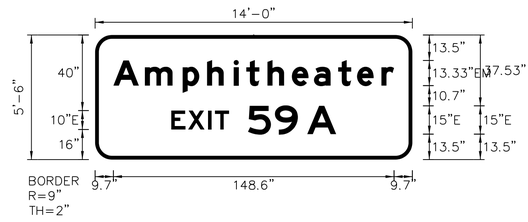
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 8.20'.
4. Existing support size is W6x9.

DESIGN BY: NKV **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		A	m	p	h	i	t	h	e	a	t	e	r																Series/Size Text Length
	9.7	16.7	20	12.9	14.1	6.7	11.2	12.9	11.7	12.8	10	12.9	6.7	9.7															EM 2000 148.6
		E	X	I	T		5	9		A																			E 2000
	40.4	8.9	10.7	3.5	7.5	10	14.2	12.2	5	15.3	40.4																		87.3

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-2-4M

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 2-712
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 10'-6"
TOTAL AREA: 141.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 154.0

BACKG COLOR: Green/Blue
COPY COLOR: White

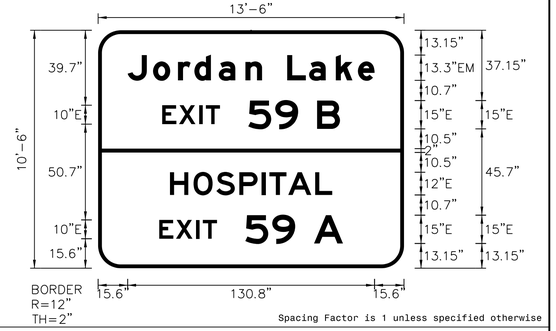
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrows and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 7.90'.
5. Existing support size is W8x18.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		J	o	r	d	a	n		L	a	k	e																		EM 2000
	15.6	13.5	13.2	8.7	12.9	14.1	8.8	13.3	11.6	14.1	11.7	8.8	15.6																	130.8
		E	X	I	T		5	9		B																				E 2000
	33.9	8.9	10.7	3.5	7.5	15	14.3	12.2	10	12.2	33.9																			94.2
		H	O	S	P	I	T	A	L																					E 2000
	38	12.5	12.1	12.1	11.8	4.2	10	14.3	9	38																				85.9
		E	X	I	T		5	9		A																				E 2000
	32.4	8.9	10.7	3.5	7.5	15	14.3	12.2	10	15.3	32.4																			97.3

SIGN NUMBER: 2-713
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 11'-0"
TOTAL AREA: 154.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 160.0

BACKG COLOR: White
COPY COLOR: Black

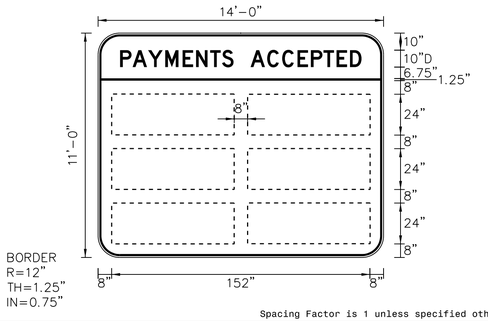
SYMBOL	X	Y	WID	HT
ETC LOGO	8	72	72	24
ETC LOGO	88	72	72	24
ETC LOGO	8	40	72	24
ETC LOGO	88	40	72	24
ETC LOGO	8	8	72	24
ETC LOGO	88	8	72	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Logos shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Maximum size for an interoperable agency's logo shall be 72" x 24".
5. Interoperable agency's logos shall be vertically and horizontally centered within space provided.
6. Existing support spacing is 8.10'.
7. Existing support size is W14x30.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		P	A	Y	M	E	N	T	S		A	C	C	E	P	T	E	D												D 2000
	13	7.4	9.1	10.1	10.2	7.9	8.3	7	6.8	10	9.8	8.8	9	7.9	7.4	7.7	7.9	6.8	13												142.1

SIGN NUMBER: 2-714
TYPE: A
QUANTITY: 1
SIGN WIDTH: 12'-0"
HEIGHT: 5'-6"
TOTAL AREA: 66.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 136.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 7.00'.
4. Existing support size is W6x12.

DESIGN BY: NKV CHECKED BY: ADK
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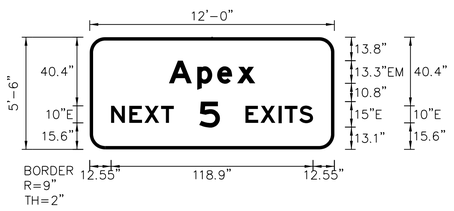


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		A	p	e	x																									EM 2000
	46.6	16.7	11.7	11.7	10.7	46.6																								50.8
		N	E	X	T		5		E	X	I	T	S																	E 2000
	12.6	10.7	8.9	9.8	7.5	15	12.2	15	8.9	10.7	3.5	8.6	8.1	12.6																118.9

SIGN NUMBER: 2-715A,2-716A
2-717A
TYPE: A
QUANTITY: 3
SIGN WIDTH: 19'-6"
HEIGHT: 3'-6"
TOTAL AREA: 68.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 234.0

BACKG COLOR: White
COPY COLOR: Black

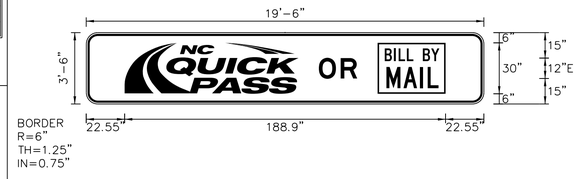
SYMBOL	X	Y	WID	HT
NC QUICK PASS	22.6	6	102.3	30
BILL BY MAIL	171.4	6	40	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Use Attachment Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		O	R																											E 2000
	136.9	12.8	9.7	74.6																										22.6

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SIGN NUMBER: 2-715B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 2"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 234.0

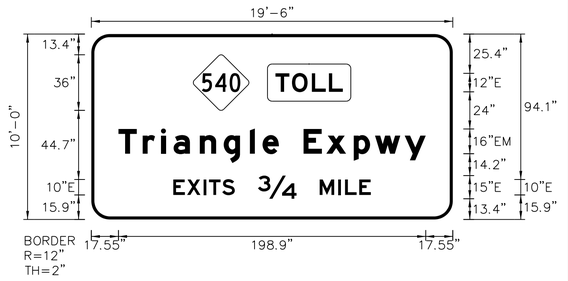
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	76.8	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 7.99'.
6. Existing support size is W18x35.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	119.2	10.7	12.8	11	9	71.2																								43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6														198.9
		E	X	I	T	S		3/4		M	I	L	E																	E 2000
	53.1	8.9	10.7	3.5	8.6	8.1	15	25	15	12	4.4	9.2	7.5	53.1																127.9

SIGN NUMBER: 2-716B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 13'-6"
TOTAL AREA: 263.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 2"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 234.0

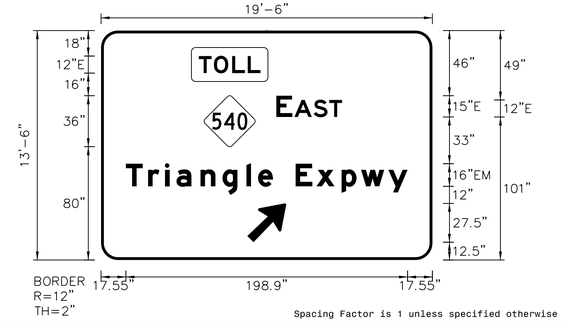
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363A	72.8	80	36	36
Type A Arrow	103.3	12.5	22.3	35
TOLL	63.8	126	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrows and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 7.99'.
6. Existing support size is W14x30.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	69	10.7	12.8	11	9	121.4																								43.6
		E		A	S	T																								E 2000
	123.8	11.3	1.5	13.6	11	9	63.8																							46.4
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6														198.9

SIGN NUMBER: 2-717B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 10'-0"
TOTAL AREA: 195.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 2"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 226.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363A	66	70.6	36	36
TOLL	114	70.8	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 7.81'.
6. Existing support size is W12x26.

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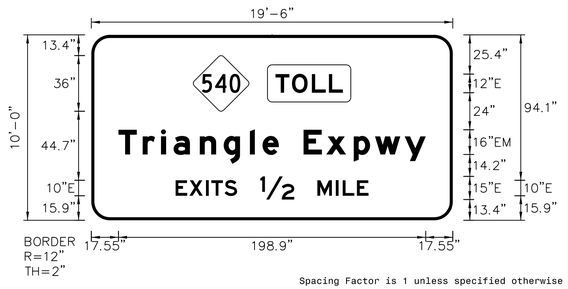

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	119.2	10.7	12.8	11	9	71.2																								43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	17.6	15.7	11.8	8.2	17	15.5	17	8.2	10.6	16	14.7	17.8	13.8	19.2	13.6	17.6														198.9
		E	X	I	T	S		1/2		M	I	L	E																	E 2000
	54.6	8.9	10.7	3.5	8.6	8.1	15	22	15	12	4.4	9.2	7.5	54.6																124.9

SIGN NUMBER: 2-718A,2-719
TYPE: A
QUANTITY: 2
SIGN WIDTH: 6'-0"
HEIGHT: 5'-0"
TOTAL AREA: 30.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	43	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 3.50'.
5. Existing support size is W6x9.

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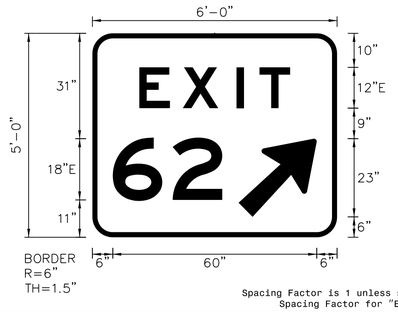
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	13.8	12.8	15.8	6.8	9	13.8																								44.4
		6	2																											E 2000
	6	17.6	14.6	33.8																										32.2

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SIGN NUMBER: 2-718B
TYPE: B
QUANTITY: 1

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

SIGN WIDTH: 6'-0"
HEIGHT: 2'-0"
TOTAL AREA: 12.0 Sq.Ft.

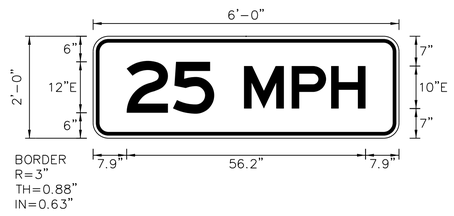
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"

NO. Z BARS: 2
LENGTH: 64.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2	5		M	P	H																							E 2000
	7.9	10.9	9.7	7	11.2	9.3	8.1	7.9																						56.2

SIGN NUMBER: 2-720
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

SIGN WIDTH: 10'-6"
HEIGHT: 5'-6"
TOTAL AREA: 57.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

NO. Z BARS: 2
LENGTH: 118.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing horizontal support spacing is 6.15'.
4. Existing support size is W6x12.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		R	D	U		A	i	r	p	o	r	t																		EM 2000
	12.3	10.9	11.2	8.6	10.7	13.3	6.4	7.9	9.4	10.6	6.8	5.5	12.3																	101.4
		D	u	r	h	a	m																							EM 2000
	30.8	11.8	11.3	7.9	10.3	11.3	11.7	30.8																						64.4
		N	E	X	T		E	X	I	T																				E 2000
	32.1	8.6	7.1	7.8	6	8	7.1	8.6	2.8	6	32																			62

SIGN NUMBER: 2-721,2-723
TYPE: A
QUANTITY: 2

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

SIGN WIDTH: 9'-6"
HEIGHT: 5'-0"
TOTAL AREA: 47.5 Sq.Ft.

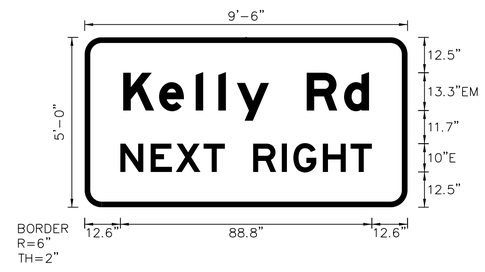
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 106.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacings are as follows:
   2-721 = 5.6'
   2-723 = 5.5'
4. Existing support sizes are as follows:
   2-721 = S4x7.7
   2-723 = S4x7.7

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		K	e	l	l	y		R	d																					EM 2000
	13.6	12.7	12.9	8	6.5	11.3	13.3	13.2	8.8	13.6																				86.8
		N	E	X	T		R	I	G	H	T																			E 2000
	12.6	10.7	8.9	9.8	7.5	10	10.1	4.1	10.4	9.8	7.5	12.6																		88.8

SIGN NUMBER: 2-722,2-724
TYPE: A
QUANTITY: 2

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	39.4	9.2	18.3	29.3

MAT'L: 0.125" ALUMINUM

SIGN WIDTH: 9'-0"
HEIGHT: 5'-0"
TOTAL AREA: 45.0 Sq.Ft.

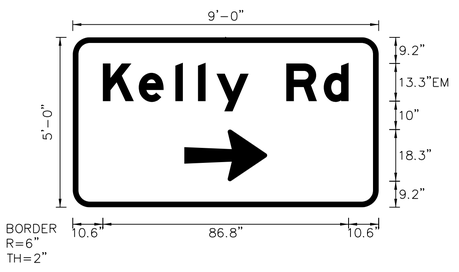
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 100.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrows and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   2-722 = 5.50'
   2-724 = 5.30'
5. Existing support sizes are as follows:
   2-722 = S4x7.7
   2-724 = S4x7.7

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		K	e	l	l	y		R	d																					EM 2000
	10.6	12.7	12.9	8	6.5	11.3	13.3	13.2	8.8	10.6																				86.8

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SIGN NUMBER: NCQP OR BBM
TYPE: SP
QUANTITY: 7
SIGN WIDTH: 3'-0"
HEIGHT: 3'-0"
TOTAL AREA: 9.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.625"
WIDTH: 0.875"
RADII: 2.25"

NO. Z BARS:
LENGTH:

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	2.7	24.3	30.7	9
BILL BY MAIL	10	2.8	16	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade C reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
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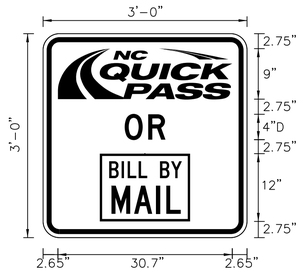

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																							Series/Size Text Length
	14.8	3.7	2.7	14.8																						D 2000 6.4

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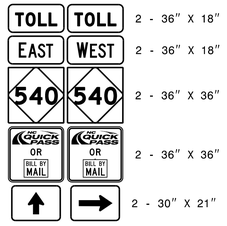
2-501 2-503 2-506



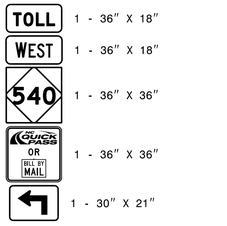
TWO "U" POSTS PER ASSEMBLY

2-801



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.20′

2-805



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

2-809



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

2-813



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

2-502 2-505 2-507



TWO "U" POSTS PER ASSEMBLY

2-802



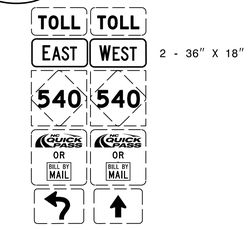
SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

2-806



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

2-810



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

2-814 2-815



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZES:
2-814 = W6x12 2-815 = W6x16

2-504

ONE "U" POST PER ASSEMBLY

2-803

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

2-807

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x9
EXISTING SUPPORT SPACING: 3.10′

2-811

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.10′

2-816

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.30′

2-804

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12

2-808

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

2-812

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x16

SEE SIGN-2-4P FOR
"NCQP OR BBM"
PANEL DESIGN

NOTES:
1. AFFIX PANELS TO "Z" BARS WITH VHB TAPE. SEE SIGN-I. DO NOT DRILL HOLES IN PANELS.
2. MOUNT PROPOSED PANELS TO EXISTING SUPPORTS. SEE SIGN-H.

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ROUTE MARKER ASSEMBLIES

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MATCH LINE 1
SEE PACKAGE 1-19
SEE SHEET SIGN-1-19

MILE 58 .8 EAST (540)

MILE 58 .8 EAST (540)

MILE 59 EAST (540)

TOLL NC 540

BEAVER CREEK COMMONS DR

EAST (540) MILE 59 .2

MILE 59 WEST (540)

MILE 59 WEST (540)

MATCH LINE
SEE SHEET SIGN-2-6

2-1

TOLL (540) WEST
Triangle Expwy
EXISTING OVERHEAD SIGN ASSEMBLY '2-AA'

EXITS 59 A-B
64 Apex Pittsboro
2-2B

EXITS 59 A-B
2-2A

EXITS 59 A-B
2-701

64 EAST Apex
EXISTING OVERHEAD SIGN ASSEMBLY '2-BB'
2-3B

EXIT 59 A
2-3A

EXIT 59A
2-702

HNTB

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PROPOSED SIGNING
TOLL NC 540

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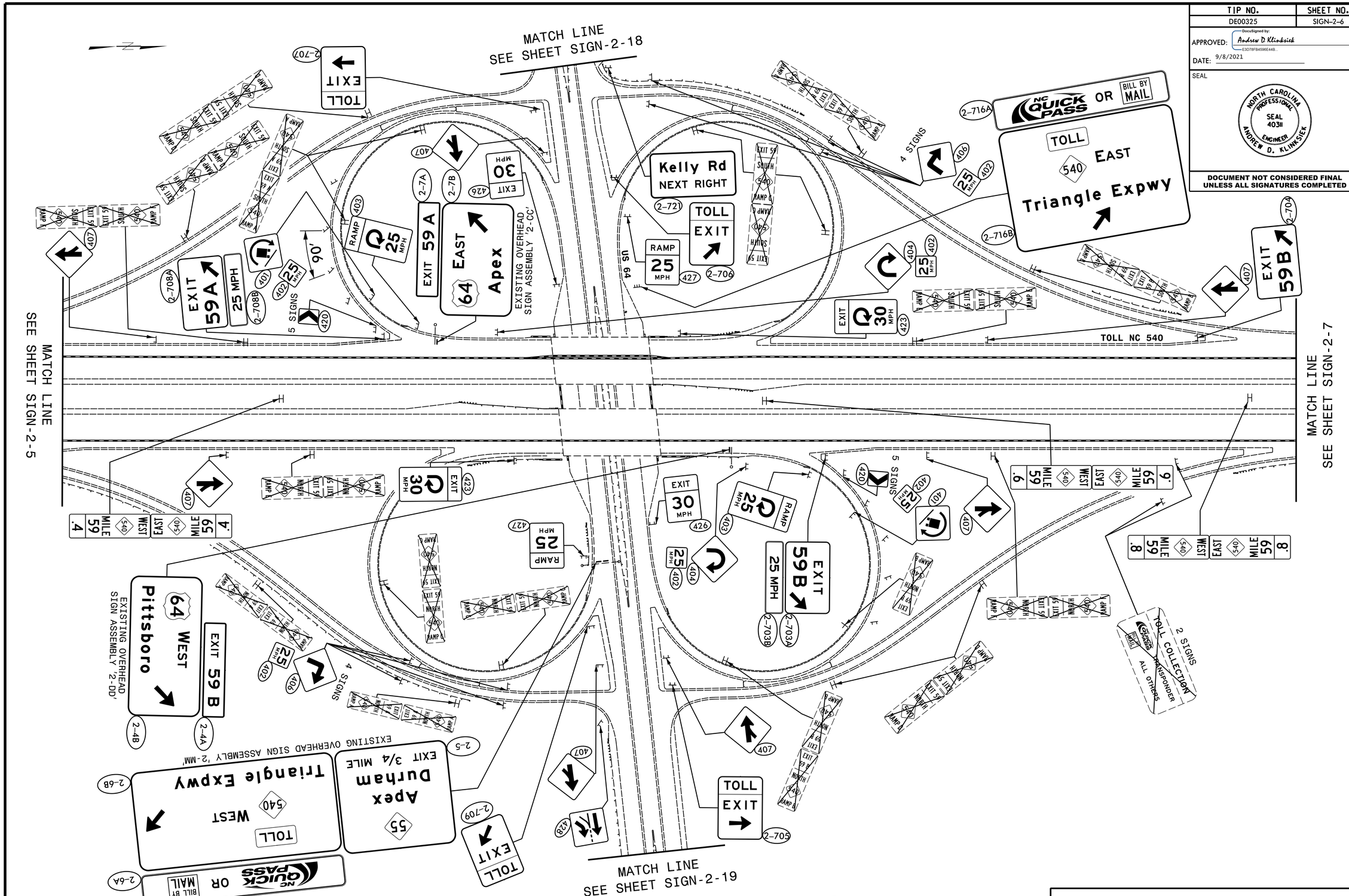

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PROPOSED SIGNING
TOLL NC 540 / US 64

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-7

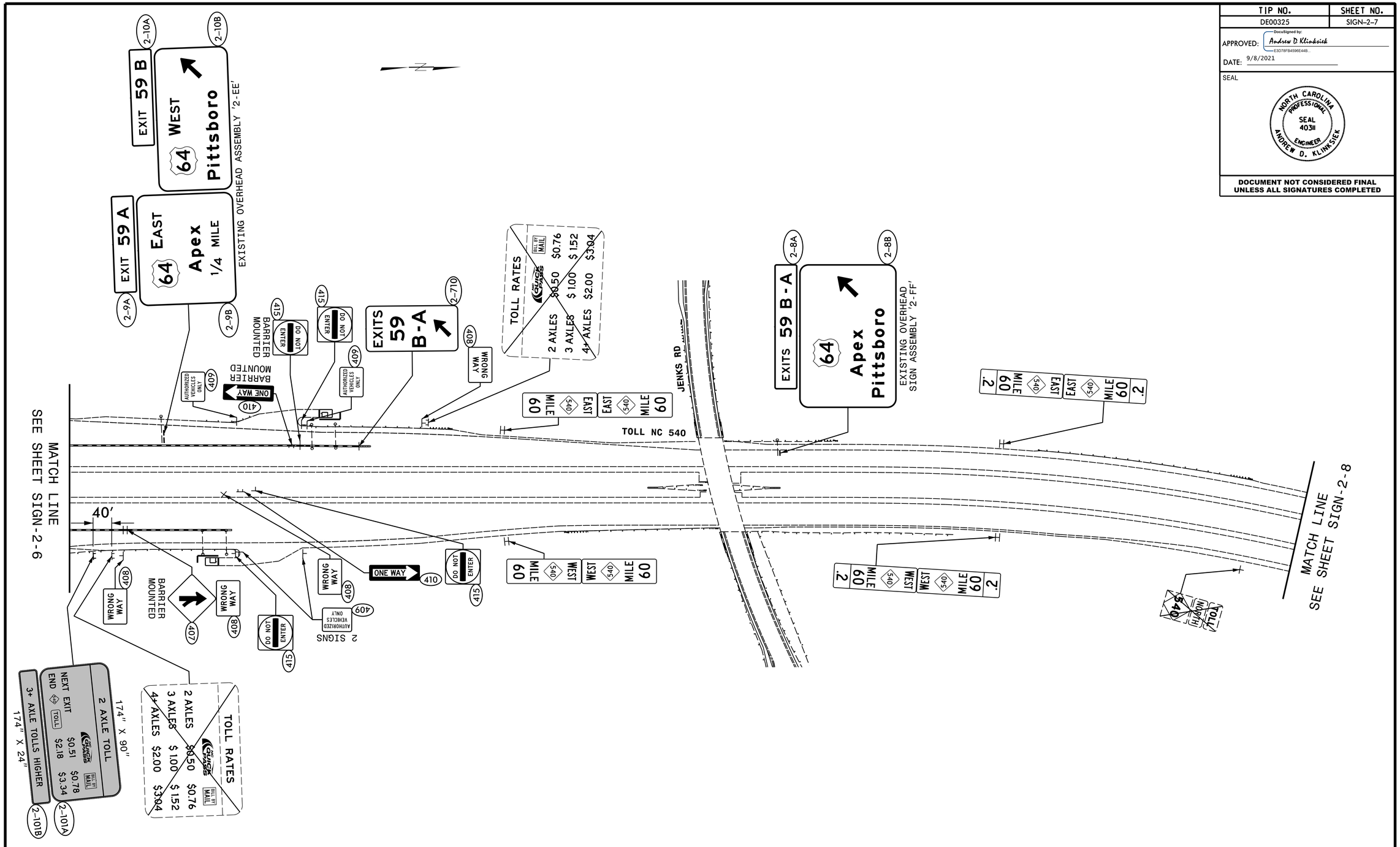
APPROVED: DocuSigned by: Andrew D. Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-8

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

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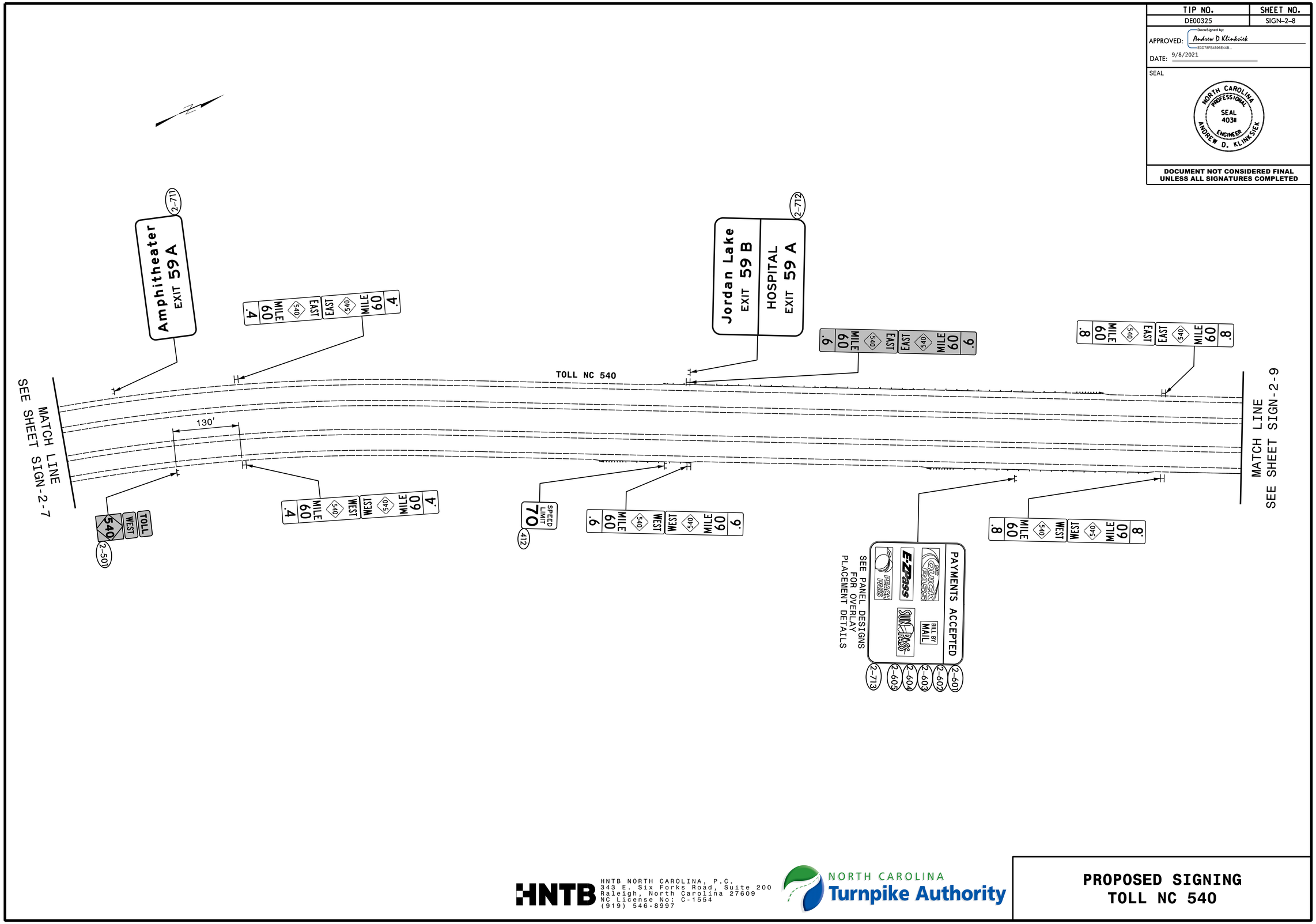

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TIP NO.	SHEET NO.
DE00325	SIGN-2-9

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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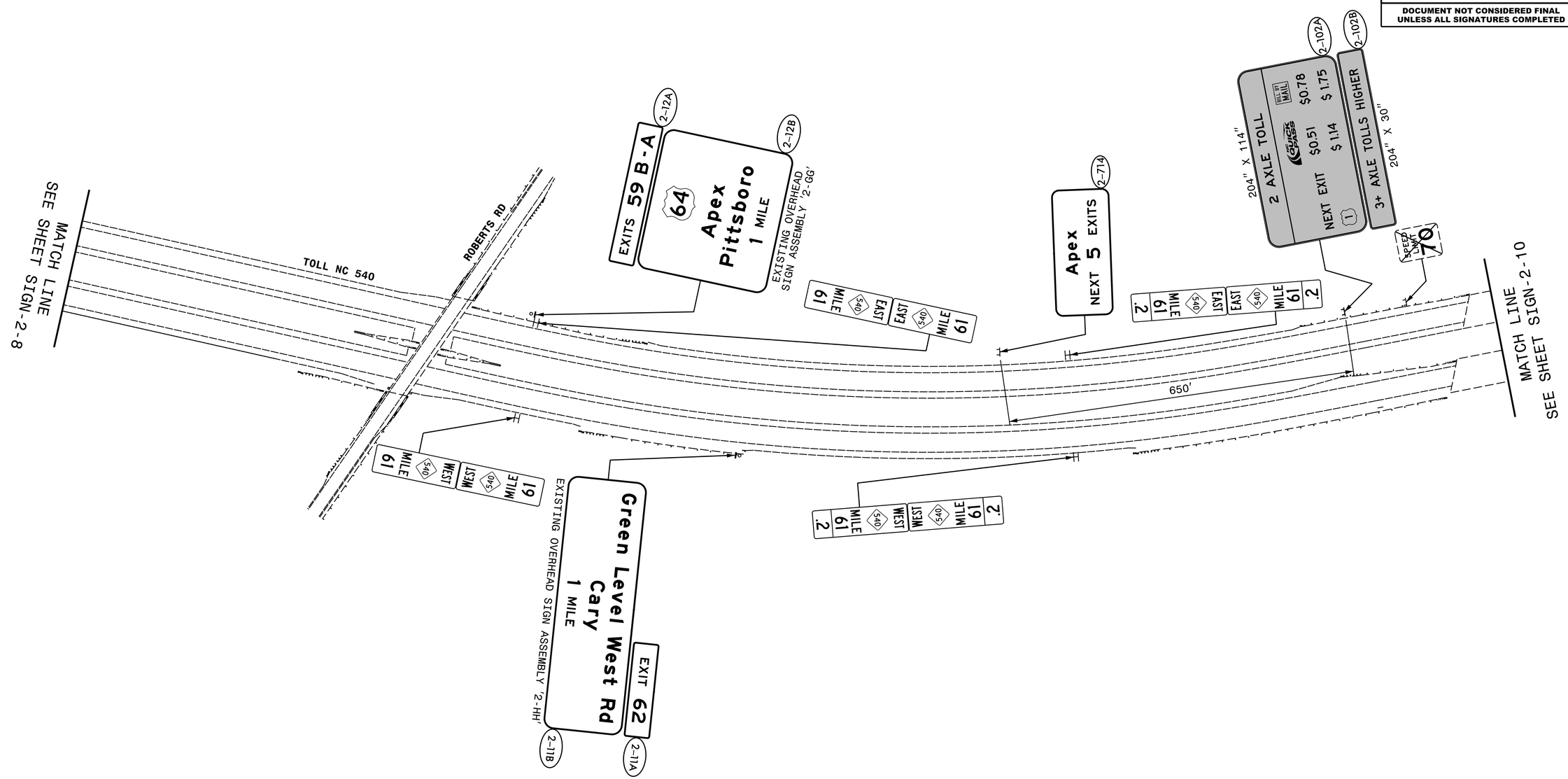

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TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-10

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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N

MATCH LINE
SEE SHEET SIGN-2-9

MATCH LINE
SEE SHEET SIGN-2-11

TOLL NC 540

580′

170′

.4 MILE 61 EAST (540) | EAST (540) MILE 61 .4

SPEED LIMIT 70 (412)

TOLL SOUTH 540

.9 MILE 61 EAST (540) | EAST (540) MILE 61 .9

TOLL EAST 540 (2-502)

.8 MILE 61 EAST (540) | EAST (540) MILE 61 .8

.4 MILE 61 WEST (540) | WEST (540) MILE 61 .4

Green Level West Rd
Cary
1/2 MILE

EXIT 62

EXISTING OVERHEAD SIGN ASSEMBLY '2-11'

(2-13B) (2-13A)

.9 MILE 61 WEST (540) | WEST (540) MILE 61 .9

.8 MILE 61 WEST (540) | WEST (945) MILE 61 .8

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PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-11

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCH LINE
SEE SHEET SIGN-2-20

MATCH LINE
SEE SHEET SIGN-2-10

MATCH LINE
SEE SHEET SIGN-2-12

MATCH LINE
SEE SHEET SIGN-2-20

TOLL NC 540

GREEN LEVEL WEST RD

Morrisville Pkwy
1½ MILES
EXIT 64

Green Level West Rd
Cary
EXIT 62

2 SIGNS

5 SIGNS

SEE PROJECT NOTE C

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PROPOSED SIGNING
TOLL NC 540 / GREEN LEVEL WEST RD

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-12

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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EXIT 62 (2-15A) — Green Level West Rd / Cary (2-15B)

EXISTING OVERHEAD SIGN ASSEMBLY '2-LL'

EXITS 59 B-A — 64 Apex / Pittsboro 2 1/2 MILES (2-14A, 2-14B)

MILE 62.4 EAST (540) — MILE 62.4 WEST (540)

MILE 62.6 EAST (540) — MILE 62.6 WEST (540)

MILE 62.9 WEST (540) — MILE 62.9 EAST (540)

TOLL NC 540

270′

20′

MATCH LINE SEE SHEET SIGN-2-11

MATCH LINE SEE SHEET SIGN-2-13

TOLL COLLECTION — GUICK PASS TRANSPONDER — ALL OTHERS

TOLL RATES — GUICK PASS / BILL BY MAIL

	GUICK PASS	BILL BY MAIL
2 AXLES	$0.41	$0.63
3 AXLES	$0.82	$1.26
4+ AXLES	$1.64	$2.52

2 AXLE TOLL — GUICK PASS / BILL BY MAIL

	GUICK PASS	BILL BY MAIL
NEXT EXIT	$0.42	$0.65
END (540) TOLL	$1.67	$2.56

234″ X 114″ (2-103A)

3+ AXLE TOLLS HIGHER — 234″ X 30″ (2-103B)

2 SIGNS — AUTHORIZED VEHICLES ONLY (409)

2 SIGNS — DO NOT ENTER (415)

2 SIGNS — WRONG WAY (408)

ONE WAY (410)

2 SIGNS — AUTHORIZED VEHICLES ONLY (409)

2 SIGNS — DO NOT ENTER (415)

2 SIGNS — WRONG WAY (408)

2 SIGNS — WRONG WAY (R5-1a)

ONE WAY (410)

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PROPOSED SIGNING TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-13

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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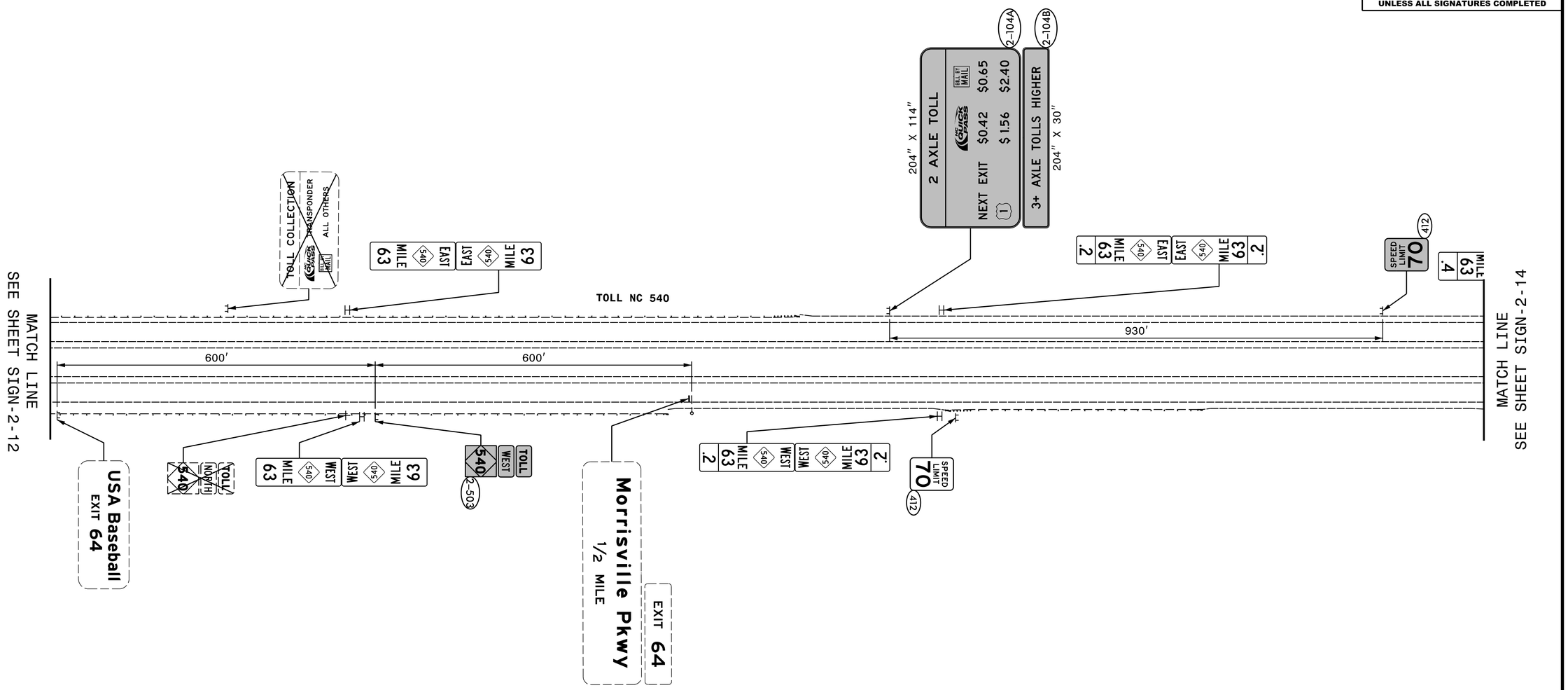

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PROPOSED SIGNING
TOLL NC 540

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TIP NO.	SHEET NO.
DE00325	SIGN-2-14

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

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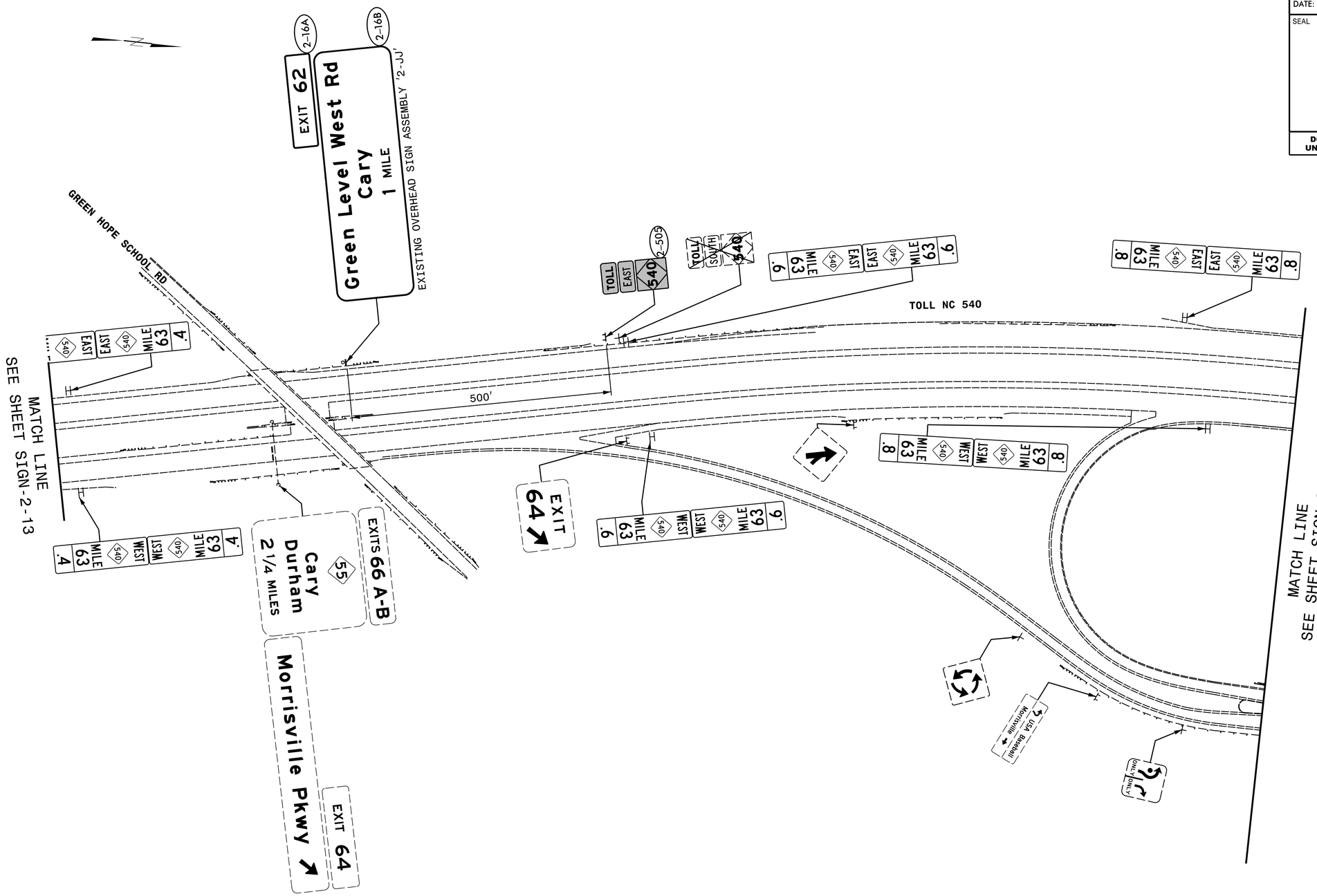

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PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-15

APPROVED: DocuSigned by: Andrew D. Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

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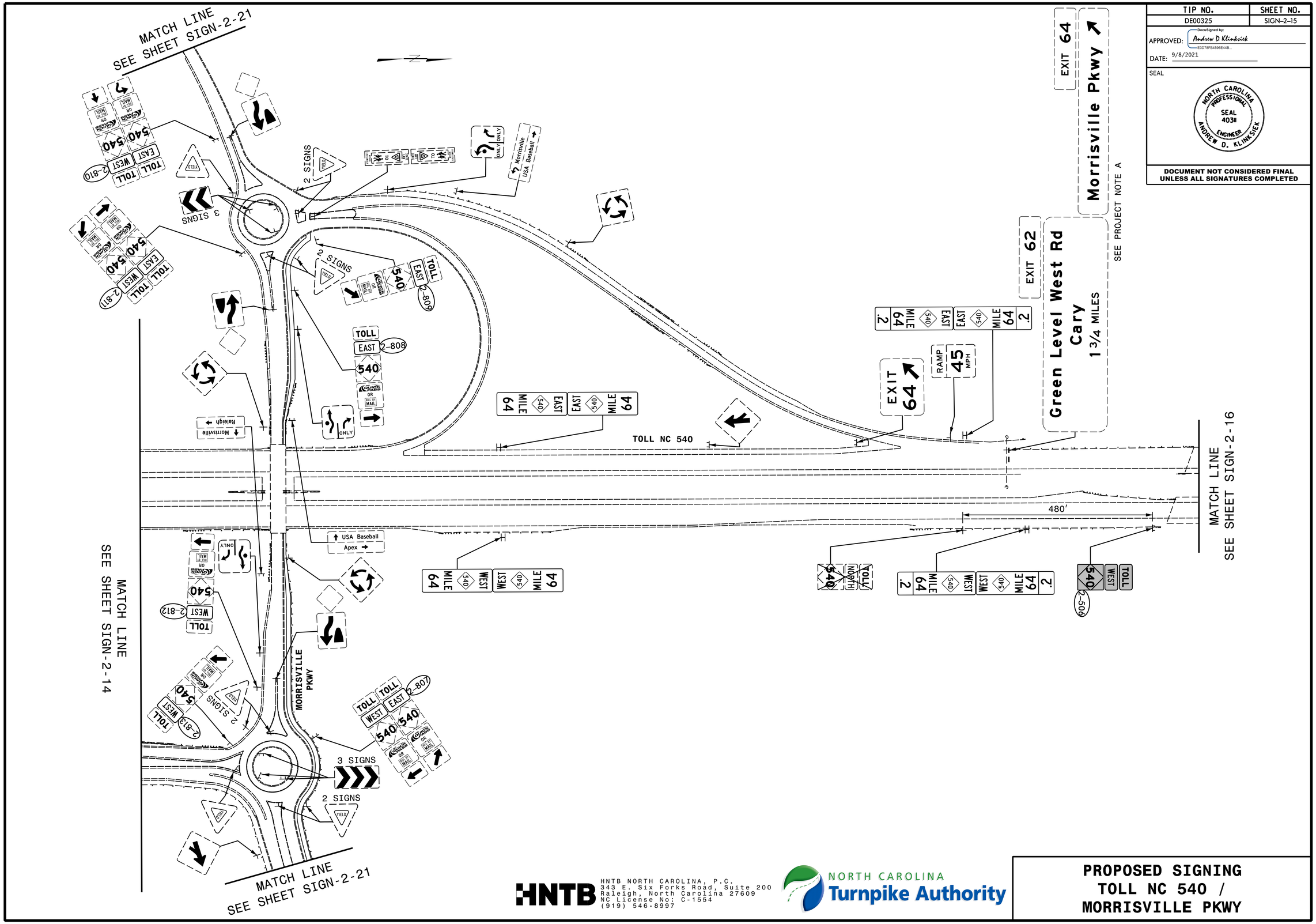

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PROPOSED SIGNING TOLL NC 540 / MORRISVILLE PKWY

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-16

APPROVED: DocuSigned by: Andrew D. Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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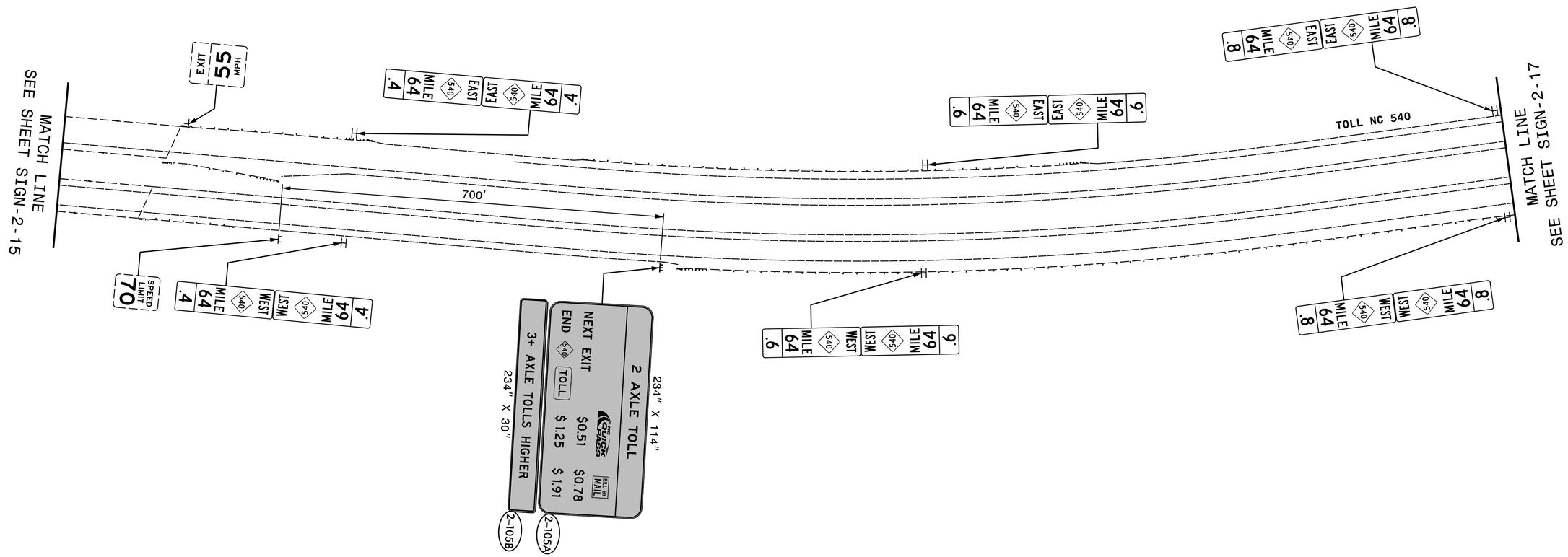

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PROPOSED SIGNING
TOLL NC 540

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TIP NO.	SHEET NO.
DE00325	SIGN-2-17

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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N

EXIT 64
Morrisville Pkwy
3/4 MILE

CARPENTER FIRE STATION RD

TOLL NC 540

65 MILE EAST 540

EAST 540 MILE 65

SPEED LIMT 70

TOLL EAST 540 2-507

2 59 MILE EAST 540 EAST 540 MILE 65 .2

USA Baseball
EXIT 64

500'

MATCH LINE
SEE SHEET SIGN-2-16

65 MILE WEST 540 WEST 540 MILE 65

2 59 MILE WEST 540 WEST 540 MILE 65 .2

EXITS 66 A-B
55
Cary
Durham
1 MILE
2-17A
2-17B

EXISTING OVERHEAD SIGN ASSEMBLY '2-KK'

TOLL COLLECTION
ALL OTHERS
TRANSPONDER

MCCRIMMON PARKWAY

MATCH LINE
SEE PACKAGE 3
SEE SHEET SIGN-3-5

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Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

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PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-18

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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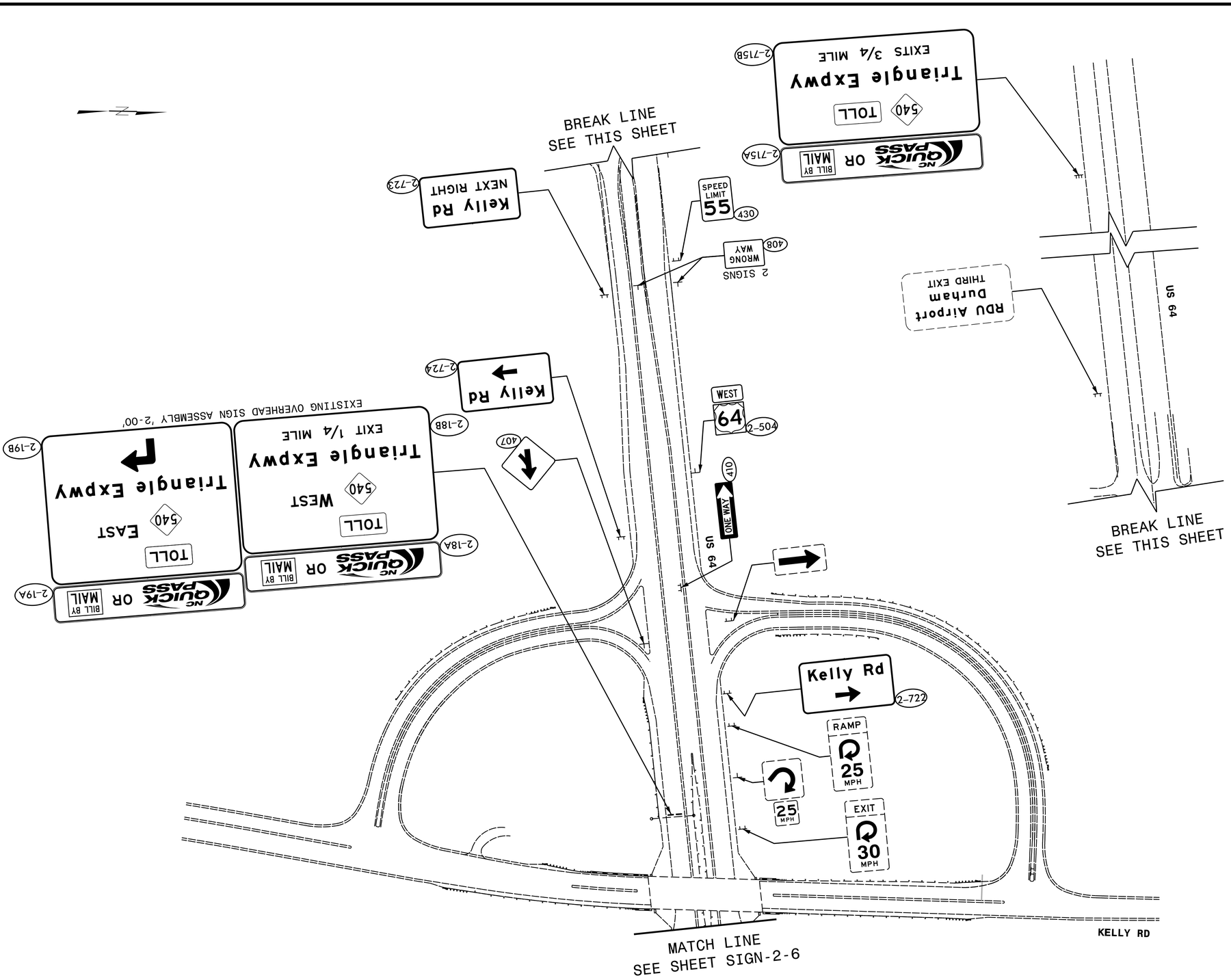

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PROPOSED SIGNING
US 64 / KELLY RD

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-19

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SEAL

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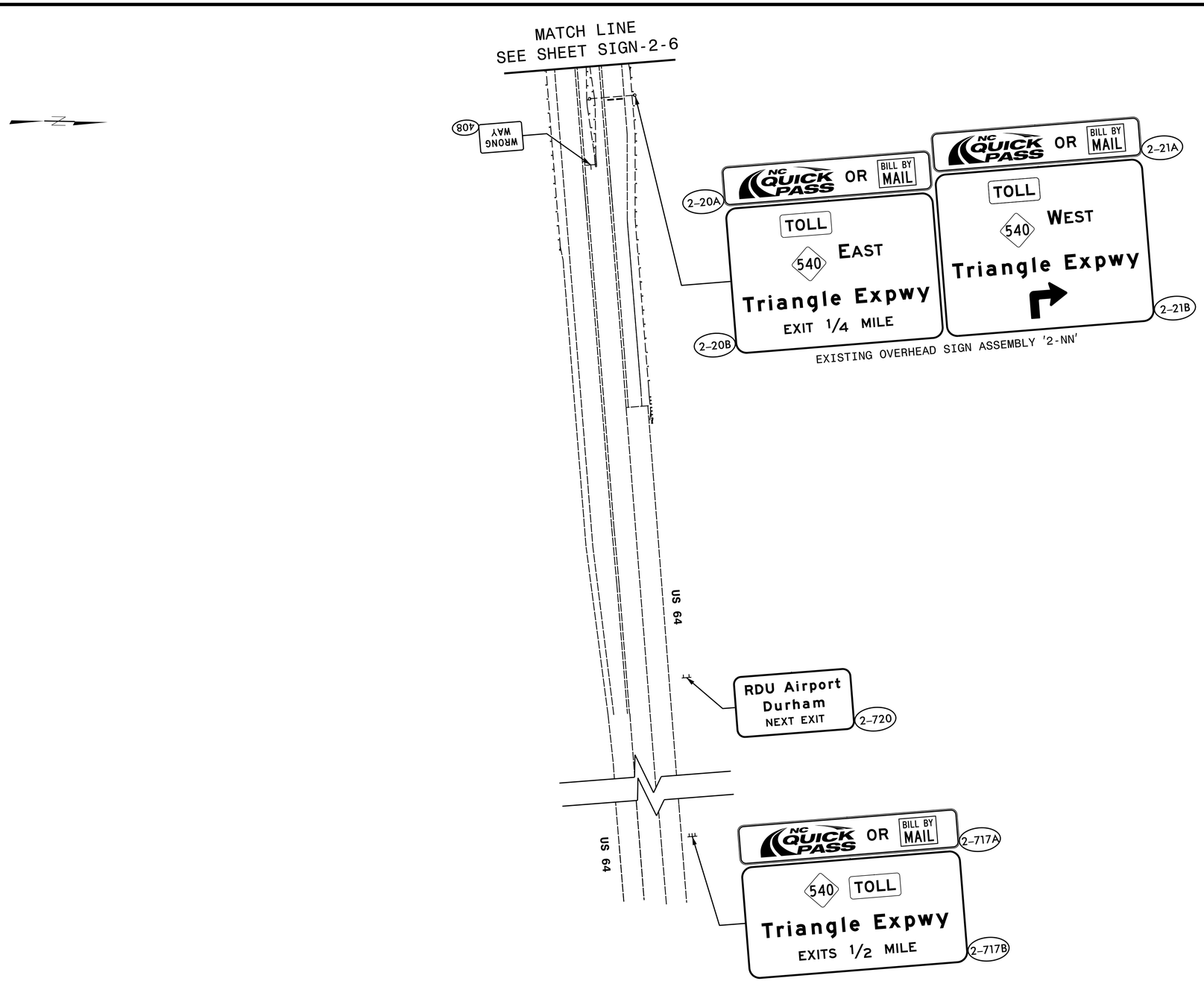

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PROPOSED SIGNING US 64

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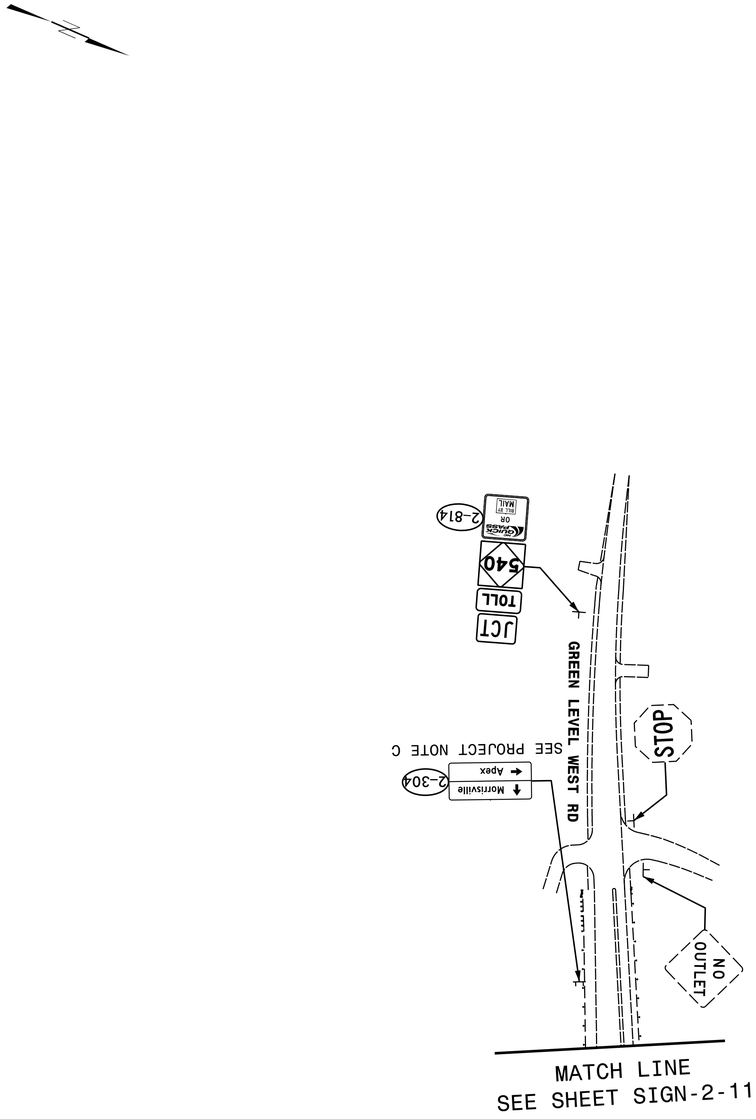

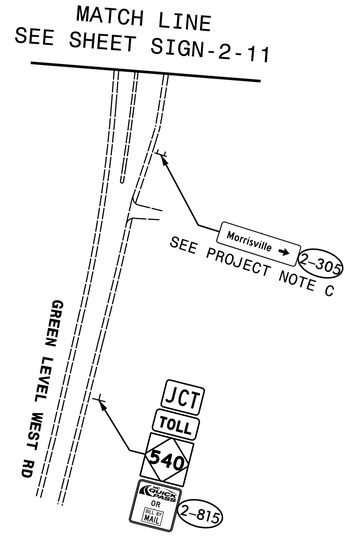

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PROPOSED SIGNING
GREEN LEVEL WEST RD

DocuSign Envelope ID: 40B1D3DC-9914-441A-93C6-771B906A2F7A

TIP NO.	SHEET NO.
DE00325	SIGN-2-21

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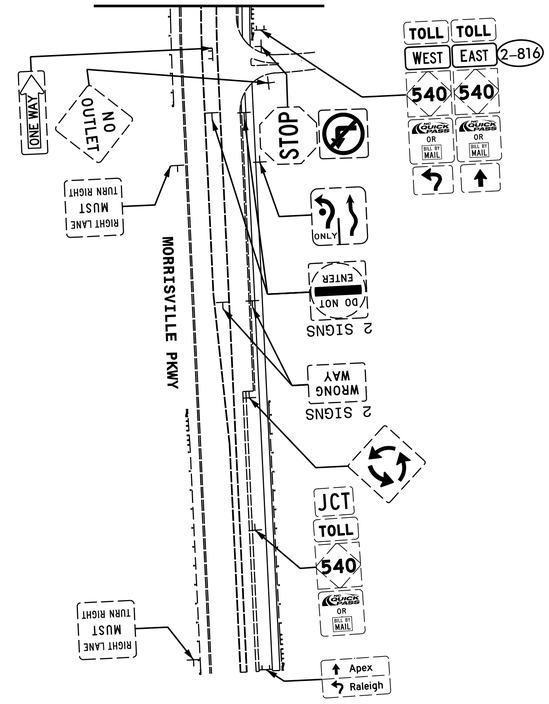
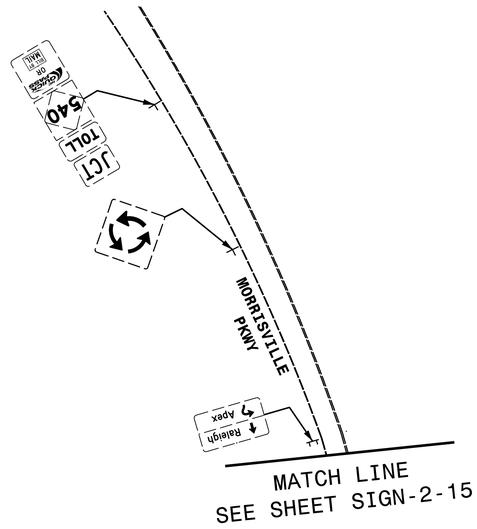
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCH LINE
SEE SHEET SIGN-2-15





MATCH LINE
SEE SHEET SIGN-2-15

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PROPOSED SIGNING
MORRISVILLE PKWY

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TRIANGLE EXPRESSWAY SIGN REPLACEMENT PACKAGE 3

TIP NO.	SHEET NO.
DE00325	SIGN-3-1

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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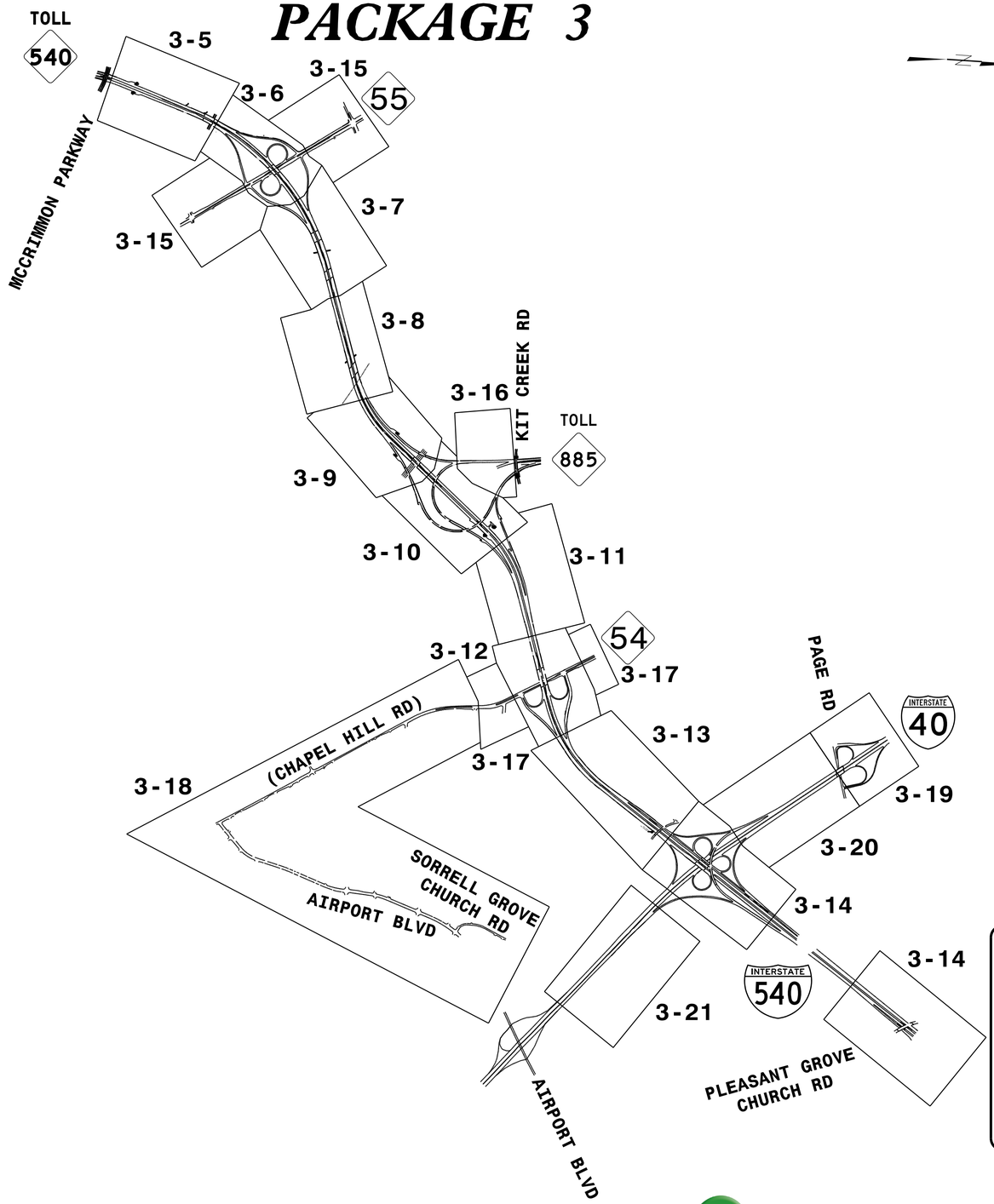

INDEX

SHEET NO.	DESCRIPTION
SIGN-3-1	KEY SHEET & SHEET INDEX
SIGN-3-2 THRU 3-2A	SUPPORT INFORMATION
SIGN-3-3 THRU 3-3D	EXISTING OVERHEAD ASSEMBLIES
SIGN-3-4 THRU 3-4V	SIGN DESIGNS
SIGN-3-4W	ROUTE MARKER ASSEMBLIES
SIGN-3-4X	OVERLAY PLACEMENT DETAILS
SIGN-3-5 THRU 3-21	SIGNING PLAN SHEETS

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KEY SHEET & SHEET INDEX

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN–3–2

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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Version: 3.1 Posted: 6/2/2017

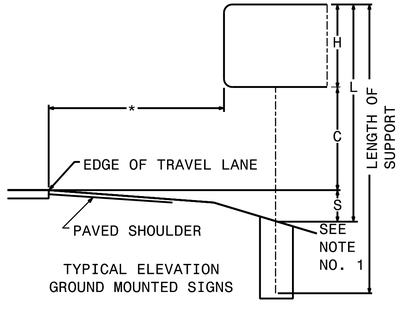
SIGN NUMBER	SIGN TYPE	SIGN SIZE (in.) w	x	h	ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft) SNS HT "H"	LENGTH (ft) MTG HT "C"	LENGTH (ft) EMBED-MENT	LEFT SUPPORT (ft) S	LEFT SUPPORT (ft) L	LEFT SUPPORT (ft) LENGTH	CENTER SUPPORT (ft) S	CENTER SUPPORT (ft) L	CENTER SUPPORT (ft) LENGTH	RIGHT SUPPORT (ft) S	RIGHT SUPPORT (ft) L	RIGHT SUPPORT (ft) LENGTH	SUPPORT WEIGHTS B/A (lbs.)	SUPPORT WEIGHTS SIMPLE (lbs.)	FOOTINGS DIAMETER (ft.)	FOOTINGS DEPTH (ft.)	FOOTINGS REINFORCED (c.y.)	FOOTINGS PLAIN (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
3-101A 3-101B	A A	234 234	x x	114 30	TOLL NC 540 WB	3	W10x22	BA	N/A	N/A N/A	N/A II	17.00	7.5 NON-STD. SPACING	12.00	7.00	4.0	1.10	20.10	24.10	4.50	23.50	27.50	8.50	27.50	31.50	2185.20	0	2.5	4.5	2.45	0.00	_____
3-102A 3-102B	A A	204 204	x x	114 42	TOLL NC 540 EB	2	W10x26	BA	N/A	N/A N/A	N/A II	18.00	9.96	13.00	7.00	4.5	2.55	22.55	27.05	0.00	0.00	0.00	7.55	27.55	32.05	1816.60	0	2.5	5	1.82	0.00	_____
3-103	A	168	x	132	TOLL NC 540 EB	2	W6x16	BA	N/A	N/A	N/A	30.00	8.20	11.00	7.00	4.0	0.50	18.50	22.50	0.00	0.00	0.00	0.30	18.30	22.30	810.80	0	1.5	4.5	0.59	0.00	_____
3-104A 3-104B	A A	204 204	x x	114 30	TOLL NC 540 WB	2	W6x16	BA	N/A	N/A N/A	N/A II	24.00	9.96	12.00	7.00	5.0	1.40	20.40	25.40	0.00	0.00	0.00	0.50	19.50	24.50	892.40	0	1.5	5.5	0.72	0.00	_____
3-201	A	72	x	60	TOLL NC 540 EB	2	S3x5.7	BA	YES	N/A	N/A	0.00	3.52	5.00	7.00	0.0	2.00	14.00	14.00	0.00	0.00	0.00	2.00	14.00	14.00	159.60	0	1.5	2.5	0.33	0.00	_____
																										TOTAL 5864.60	TOTAL 0.00			TOTAL 5.91	TOTAL 0.00	
																										USE: 5865.00	0.00			6.00	0.00	

NOTES:

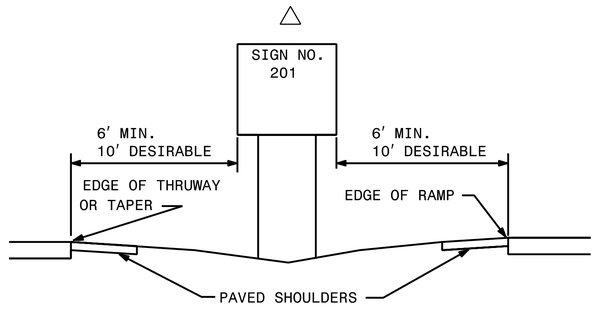
1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.

2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL PROPOSED SUPPORTS, SEE (*) ARTICLE 903-3. ABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.



TYPICAL ELEVATION GROUND MOUNTED SIGNS



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NORTH CAROLINA Turnpike Authority

TYPE A AND TYPE B GROUND MOUNTED SIGNS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	SUPPORT SPACING
		SIZE (in.)										
NUMBER	TYPE	w	x	h								
3-701A 3-701B	A A	204 204	x x	114 30	TOLL NC 540 EB	2	W8x18	S	N/A	N/A	N/A II	10.00
3-702	A	96	x	60	TOLL NC 540 WB	2	W6x9	BA	YES	N/A	N/A	4.70
3-703A 3-703B	A B	96 96	x x	60 24	TOLL NC 540 WB	2	W6x9	BA	N/A	N/A	N/A II	4.70
3-704A 3-704B	A B	96 96	x x	60 24	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A II	4.60
3-705	A	96	x	60	TOLL NC 540 EB	2	W6x9	BA	YES	N/A	N/A	4.70
3-706	A	216	x	60	TOLL NC 540 WB	2	W6x9	BA	N/A	N/A	N/A	10.60
3-707	A	78	x	84	TOLL NC 540 WB	2	S4x7.7	BA	YES	N/A	N/A	3.80
3-708A 3-708B	A B	156 156	x x	90 24	TOLL NC 540 EB	2	W6x16	S	N/A	N/A	N/A II	7.60
3-709	A	60	x	60	TOLL NC 885 SB	2	S4x7.7	BA	YES	N/A	N/A	2.95
3-710A 3-710B	A A	132 132	x x	60 90	TOLL NC 540 WB	2	W8x21	S	N/A	N/A	II N/A	6.75
3-711	A	78	x	84	TOLL NC 540 EB	2	S4x7.7	BA	YES	N/A	N/A	3.80
3-712	A	168	x	78	TOLL NC 540 EB	2	W6x9	BA	N/A	N/A	N/A	8.20
3-713	A	132	x	156	TOLL NC 540 WB	2	W8x18	S	N/A	N/A	N/A	7.10
3-714A 3-714B	A B	78 78	x x	60 24	TOLL NC 540 WB	2	S4x7.7	BA	YES	N/A	N/A II	3.80
3-715A 3-715B	A A	192 192	x x	42 168	NC 540 EB	3	W8x21	S	N/A	N/A	II N/A	5.90
3-716A 3-716B	A A	132 132	x x	60 90	NC 540 EB	2	W8x21	S	N/A	N/A	II N/A	7.00
3-717	A	78	x	60	NC 540 EB	1	S5x10	BA	N/A	N/A	NA	NA
3-718A 3-718B	A A	192 192	x x	42 168	I-540 WB	3	W8x21	S	NA	NA	NA	5.90 5.90
3-719A 3-719B	A A	192 192	x x	42 168	I-540 WB	3	W8x18	S	NA	NA	NA	5.90 5.90
3-720A 3-720B	A A	180 180	x x	42 108	I-40 EB	2	W8x18	BA	NA	NA	NA	8.80
3-721A 3-721B	A A	180 180	x x	42 108	I-40 WB	PENDING SUPPORT DESIGN BY I-5700						

TIP NO.	SHEET NO.
DE00325	SIGN-3-2A

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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PROJECT	SHEET NO.
DE00325	SIGN–3–3

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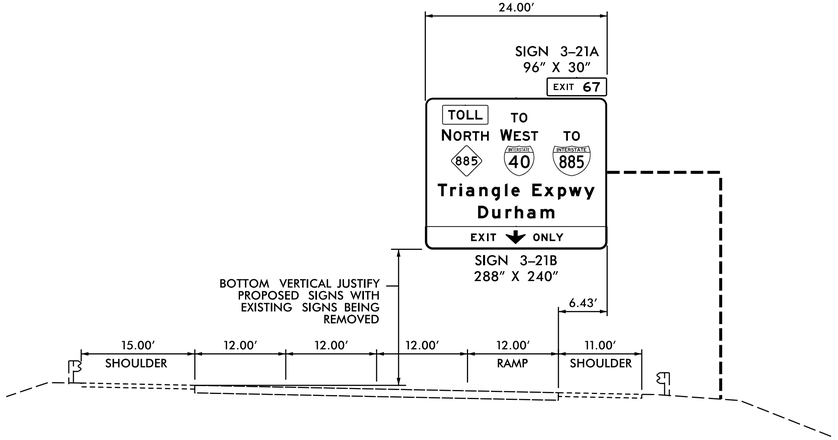
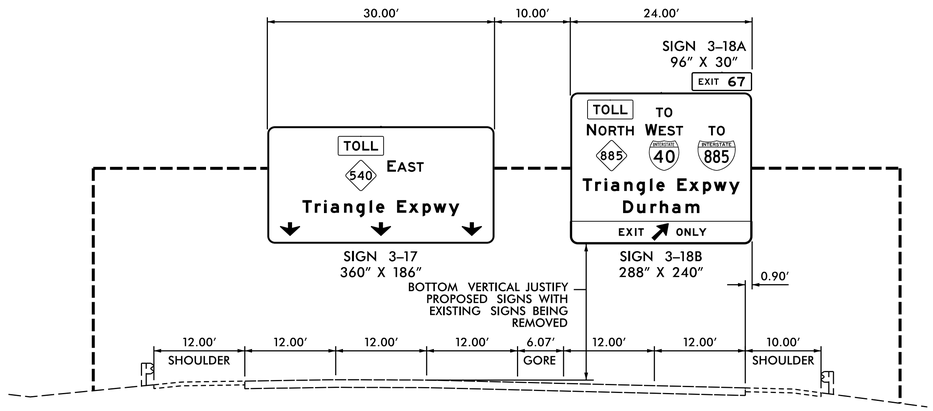


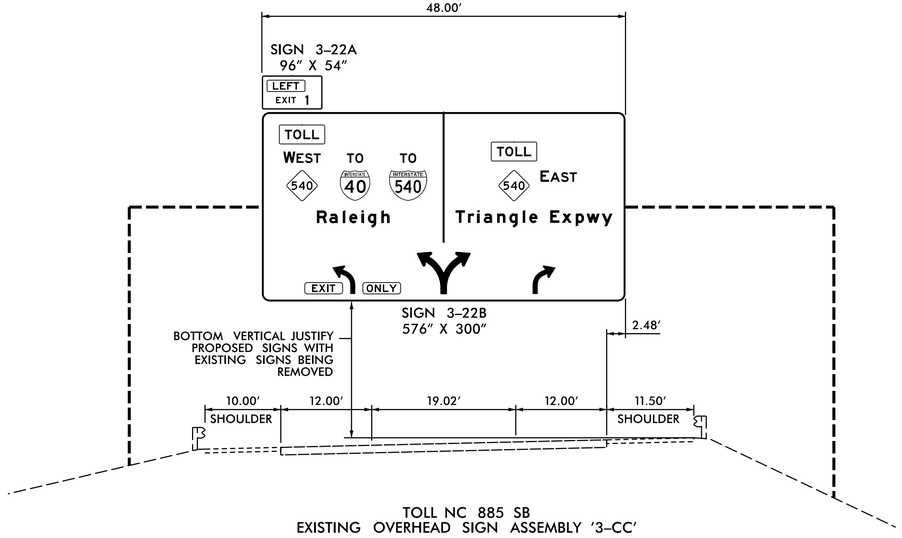
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–AA'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'T'



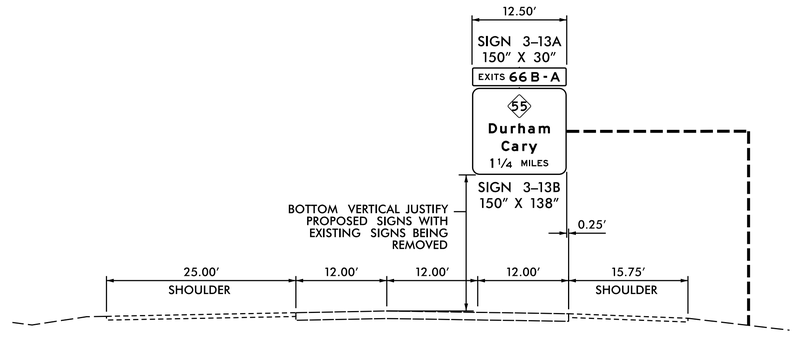
TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–BB'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'U'



TOLL NC 885 SB
EXISTING OVERHEAD SIGN ASSEMBLY '3–CC'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'W'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–DD'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'X'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '3-AA', '3-BB', '3-CC' AND '3-DD'

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PROJECT	SHEET NO.
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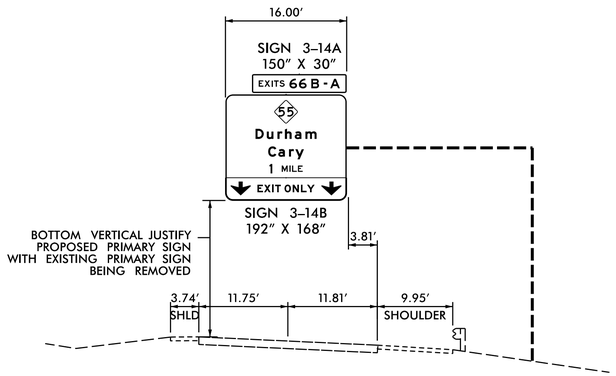
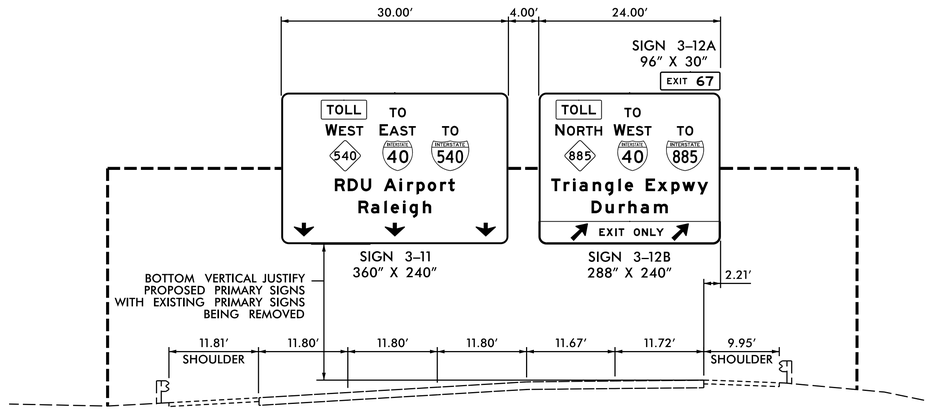


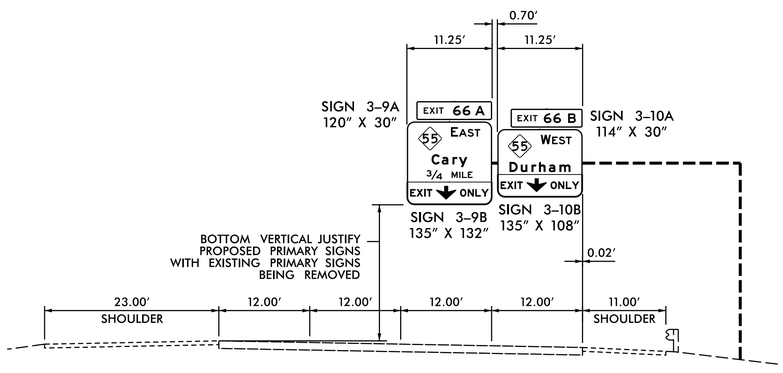
TOLL NC 885 SB RAMP
EXISTING OVERHEAD SIGN ASSEMBLY '3–EE'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'Y'



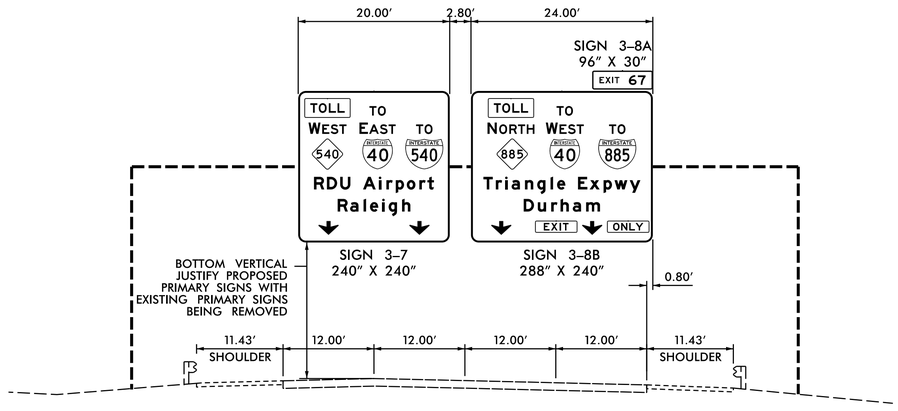
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–FF'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'Z'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–GG'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'A-A'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–HH'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'B-B'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '3-EE', '3-FF', '3-GG' AND '3-HH'

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PROJECT	SHEET NO.
DE00325	SIGN-3-3B

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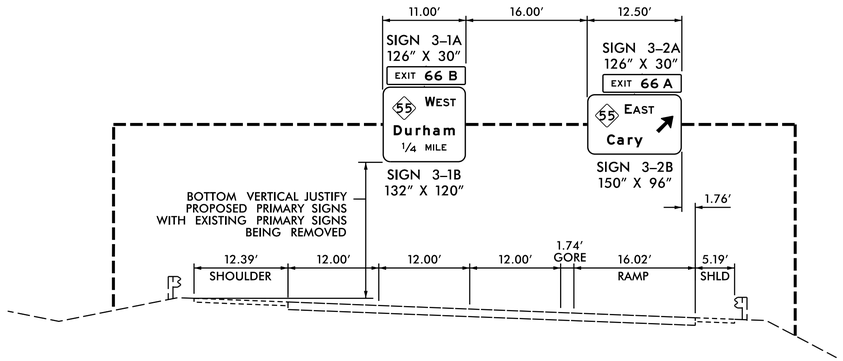
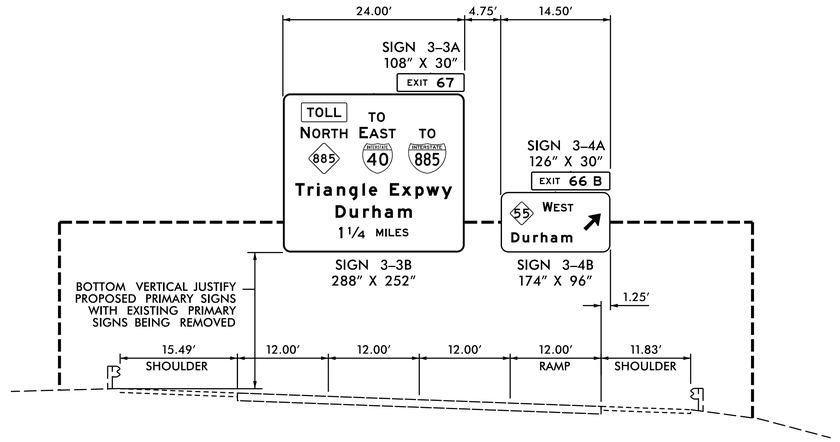


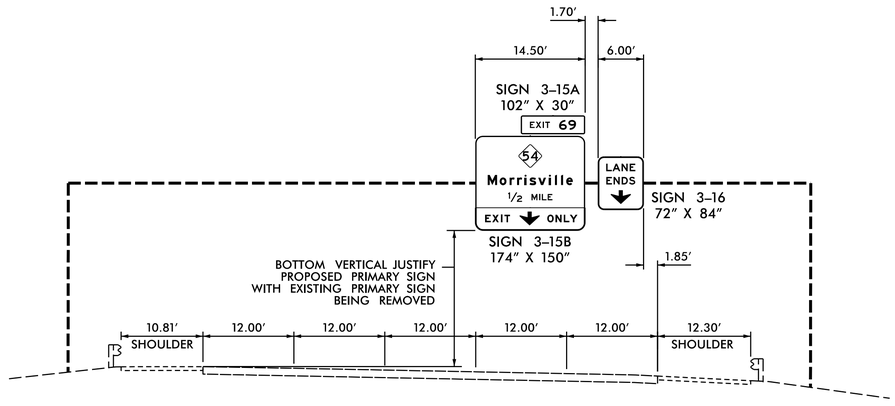
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–II'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'V'



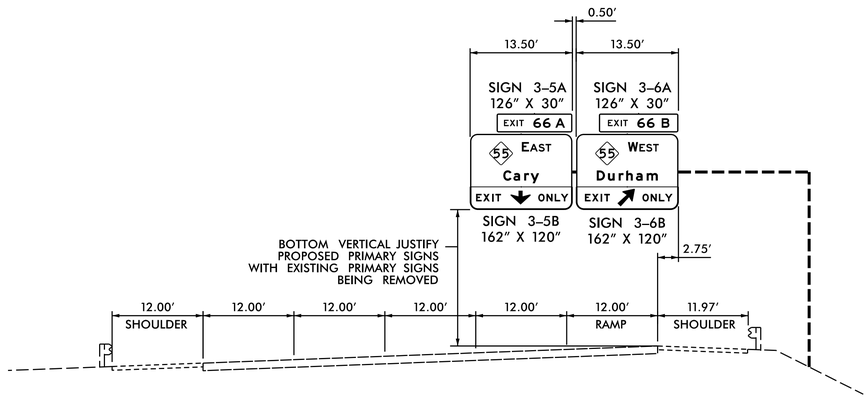
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–JJ'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'W'



TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–KK'

ASSEMBLY INSTALLED UNDER R-2000AB OVERHEAD SIGN ASSEMBLY 'G'



TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–LL'

ASSEMBLY INSTALLED UNDER R-2635 C1 AND C2 OVERHEAD SIGN ASSEMBLY 'X'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '3-II', '3-JJ', '3-KK' AND '3-LL'

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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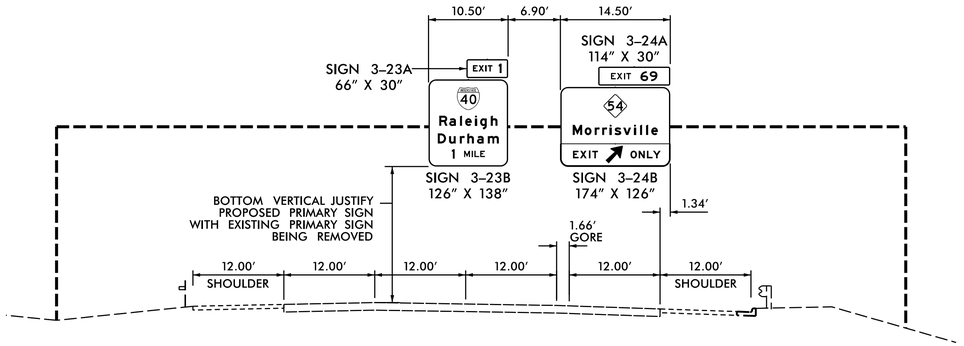
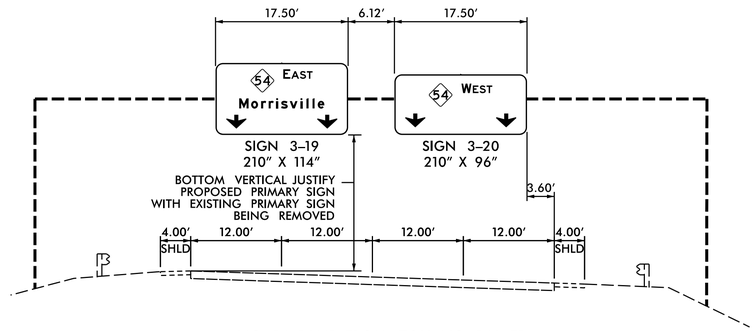


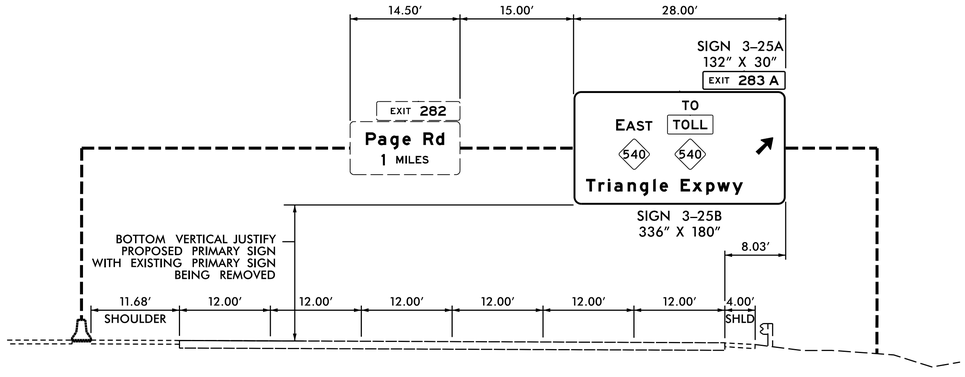
TOLL NC 540 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–MM'

ASSEMBLY INSTALLED UNDER R-2000AB OVERHEAD SIGN ASSEMBLY 'I'



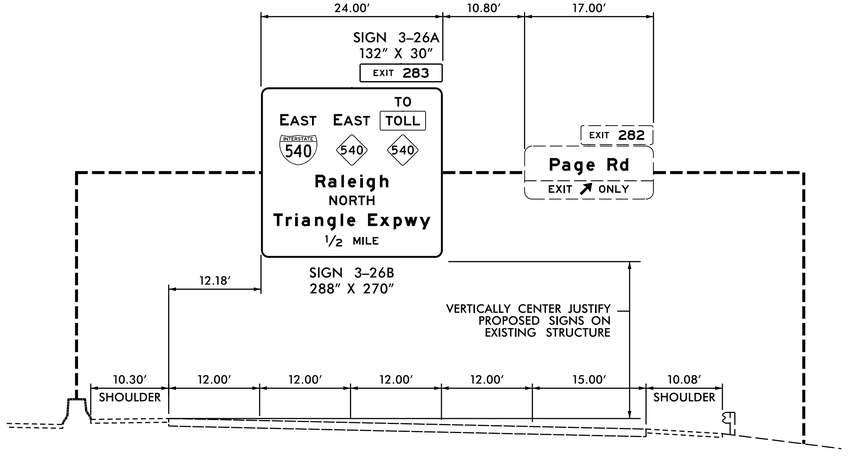
NC 54 RAMP FROM TOLL NC 540 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–NN'

ASSEMBLY INSTALLED UNDER R-2000AB OVERHEAD SIGN ASSEMBLY 'J'



I–40 WB
EXISTING OVERHEAD SIGN ASSEMBLY '3–OO'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'P'



I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–PP'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'I'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '3-MM', '3-NN', '3-00' AND '3-PP'

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PROJECT	SHEET NO.
DE00325	SIGN–3–3D

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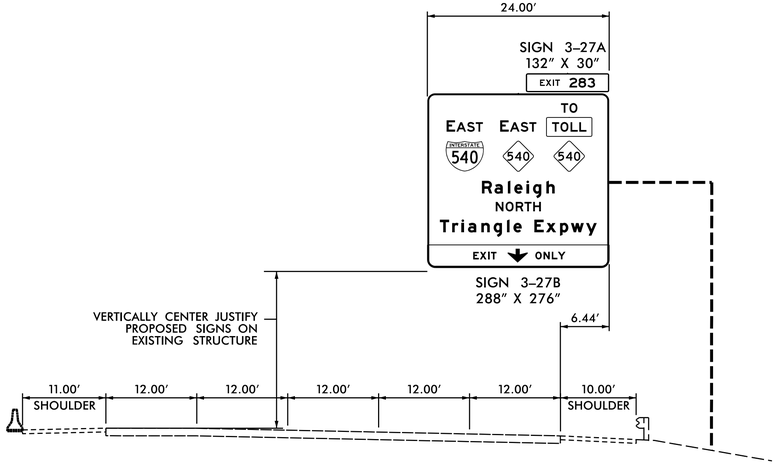
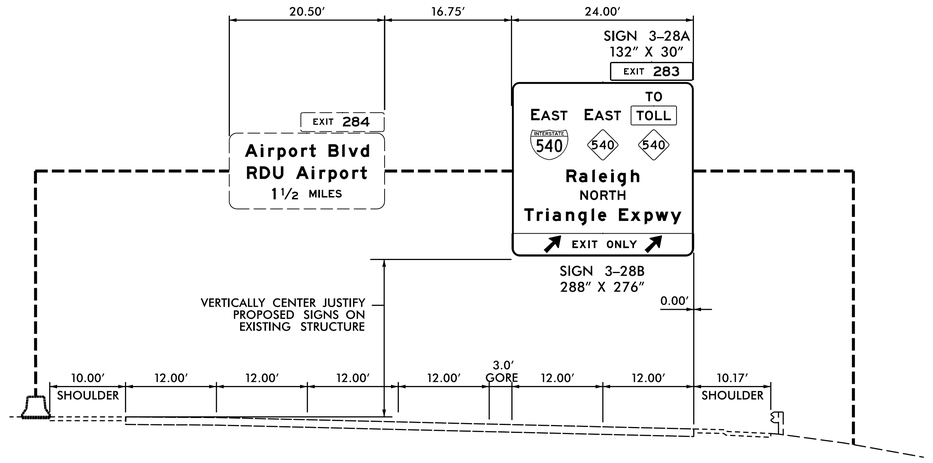


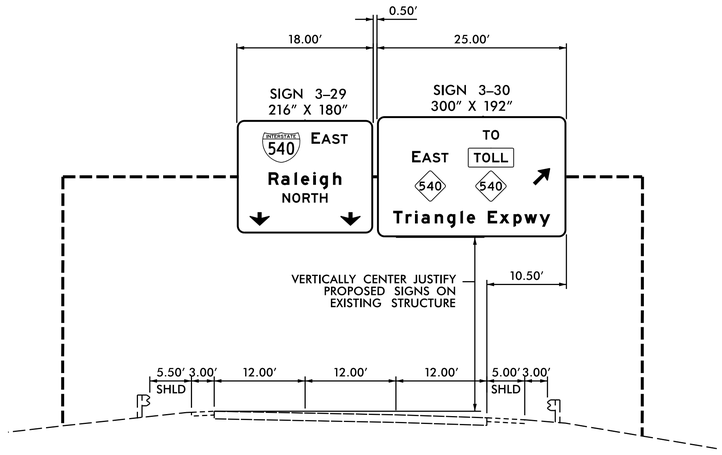
I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–QQ'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'J'



I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–RR'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'K'



I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '3–SS'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'L'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
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EXISTING OVERHEAD SIGN ASSEMBLIES '3-QQ', '3-RR' AND '3-SS'

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-1A, 3-4A, 3-6A
TYPE: B (OVHD)
QUANTITY: 3
SIGN WIDTH: 10'-6"
HEIGHT: 2'-6"
TOTAL AREA: 26.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

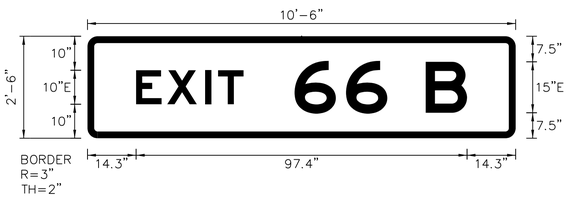
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	14.3	9.2	11.1	3.8	7.5	80.1																									31.6
		6	6		B																										E 2000
	60.9	15.1	12.2	11.3	12.2	14.3																									50.8

SIGN NUMBER: 3-1B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-0"
HEIGHT: 10'-0"
TOTAL AREA: 110.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

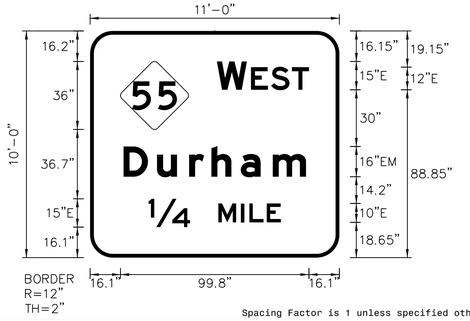
SYMBOL	X	Y	WID	HT
NC362	16.1	67.9	36	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		W		E	S	T																									E 2000
	67.1	15.9	2.2	10.7	11	9	16.1																								48.8
		D	u	r	h	a	m																								EM 2000
	17.7	17.8	17	11.8	15.5	17	17.6	17.7																							96.6
		1/4		M	I	L	E																								E 2000
	31	22	15	12	4.4	9.2	7.5	31																							70.1

SIGN NUMBER: 3-2A, 3-5A
TYPE: B (OVHD)
QUANTITY: 2
SIGN WIDTH: 10'-6"
HEIGHT: 2'-6"
TOTAL AREA: 26.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

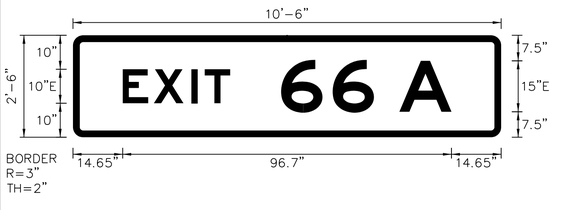
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	14.6	9.2	11.1	3.8	7.5	79.7																									31.6
		6	6		A																										E 2000
	61.3	15.1	12.2	7.5	15.3	14.6																									50.1

SIGN NUMBER: 3-2B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 12'-6"
HEIGHT: 8'-0"
TOTAL AREA: 100.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

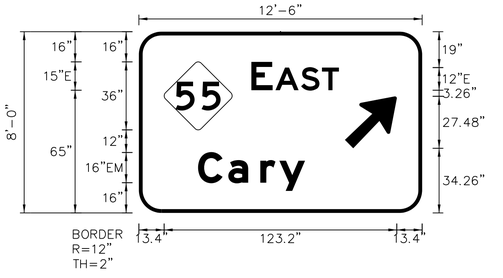
SYMBOL	X	Y	WID	HT
NC362	13.4	44	36	36
Type A Arrow	109.1	34.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									E 2000
	59.6	11.3	1.5	13.6	11	9	44																								46.4
		C	o	r	y																										EM 2000
	31.4	16	17	10.1	13.6	62																									56.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4A

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-3A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 9'-0"
HEIGHT: 2'-6"
TOTAL AREA: 22.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 100.0

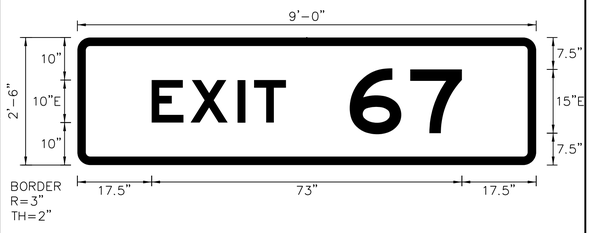
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

								Series/Size Text Length
		E	X	I	T			E 2000
	17.5	9.2	11.1	3.8	7.5	58.9		31.6
		6	7					E 2000
	64.1	14.3	12.2	17.5				26.4

SIGN NUMBER: 3-3B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 21'-0"
TOTAL AREA: 504.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 280.0

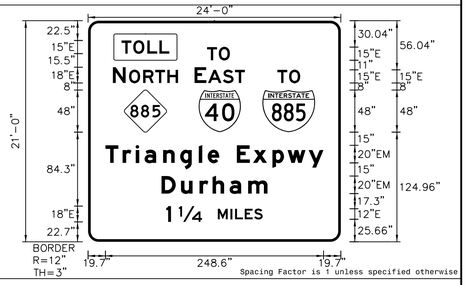
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC48.3	41.3	125	48	48
M1_1	126	125	48	48
M1_1	198.7	125	60	48
TOLL	29.3	201	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4B

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-6B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 10'-0"
TOTAL AREA: 135.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 154.0

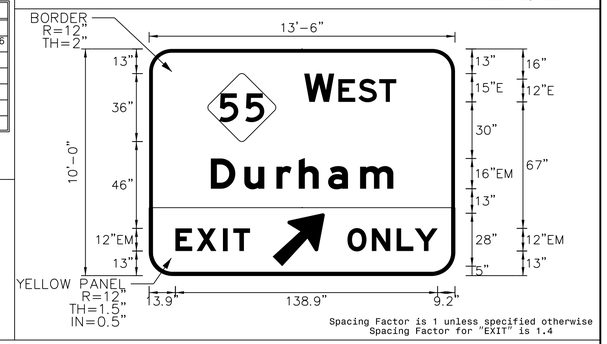
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC362	31.1	71	36	36
Type A Arrow	65.4	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 162" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

									Series/Size Text Length
	W		E	S	T				E 2000
82.1	15.9	2.2	10.7	11	9	31.1			48.8
	D	u	r	h	a	m			EM 2000
32.7	17.8	17	11.8	15.5	17	17.6	32.7		96.6
	E	X	I	T					EM 2000
13.9	11.2	14	5.4	8.9	108.6				39.5
	O	N	L	Y					EM 2000
105	13	13.1	9.6	12.1	9.2				47.8

SIGN NUMBER: 3-7
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 20'-0"
HEIGHT: 20'-0"
TOTAL AREA: 400.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 232.0

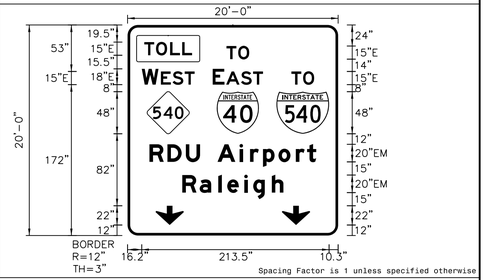
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC483	28	116	48	48
M1_1	96	116	48	48
M1_1	164	116	60	48
Type C Arrow	32	12	32	22
Type C Arrow	176	12	32	22
TOLL	10.3	198	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

| | | | | | | | | |

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4C

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-9A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 112.0

BACKG COLOR: Green
COPY COLOR: White

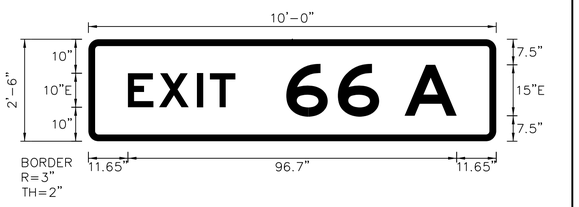
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	11.6	9.2	11.1	3.8	7.5	76.7																									31.6
		6	6		A																										E 2000
	58.3	15.2	12.2	7.5	15.3	11.6																									50.1

SIGN NUMBER: 3-9B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-3"
HEIGHT: 11'-0"
TOTAL AREA: 123.8 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 127.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

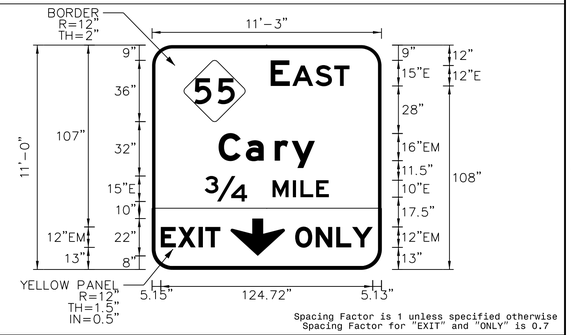
SYMBOL	X	Y	WID	HT
NC362	18.8	87	36	36
Type C Arrow	46.2	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 135.6" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" and "ONLY" is 0.7

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									E 2000
	69.8	11.3	1.5	13.6	11	9	18.8																								46.4
		C	o	r	y																										EM 2000
	39.2	16	17	10.1	13.6	39.2																									56.6
		3/4		M	I	L	E																								E 2000
	31	25	15	12	4.4	9.2	7.5	31																							73.1
		E	X	I	T																										EM 2000
	5.1	10.1	12.2	3.9	8.9	94.8																									35.1
		O	N	L	Y																										EM 2000
	84.2	12.1	12.1	9.4	12.1	5.1																									45.7

SIGN NUMBER: 3-10A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

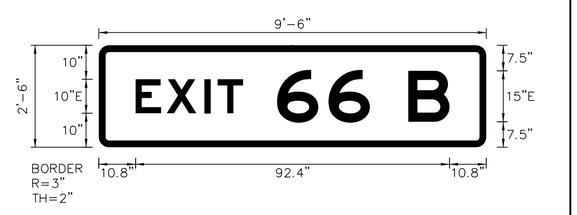
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	10.8	9.2	11.1	3.8	7.5	71.6																									31.6
		6	6		B																										E 2000
	52.4	15.1	12.2	11.3	12.2	10.8																									50.8

SIGN NUMBER: 3-10B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-3"
HEIGHT: 9'-0"
TOTAL AREA: 101.3 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 127.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

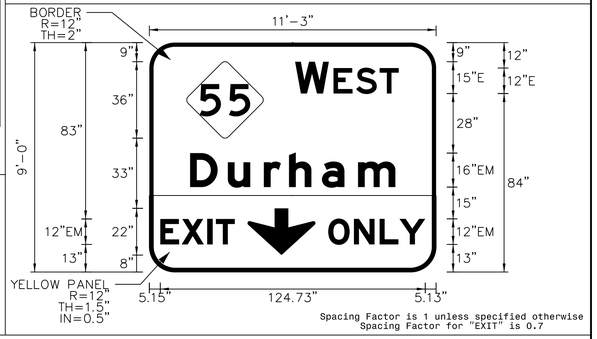
SYMBOL	X	Y	WID	HT
NC362	17.6	63	36	36
Type C Arrow	46.2	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 135.6" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 0.7

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		W		E	S	T																									E 2000
	68.6	15.9	2.2	10.7	11	9	17.6																								48.8
		D	u	r	h	a	m																								EM 2000
	19.2	17.8	17	11.8	15.5	17	17.6	19.2																							96.6
		E	X	I	T																										EM 2000
	5.1	10.1	12.2	3.9	8.9	94.8																									35.1
		O	N	L	Y																										EM 2000
	84.2	12.1	12.1	9.4	12.1	5.1																									45.7

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Raleigh, North Carolina 27609
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SIGN DESIGNS

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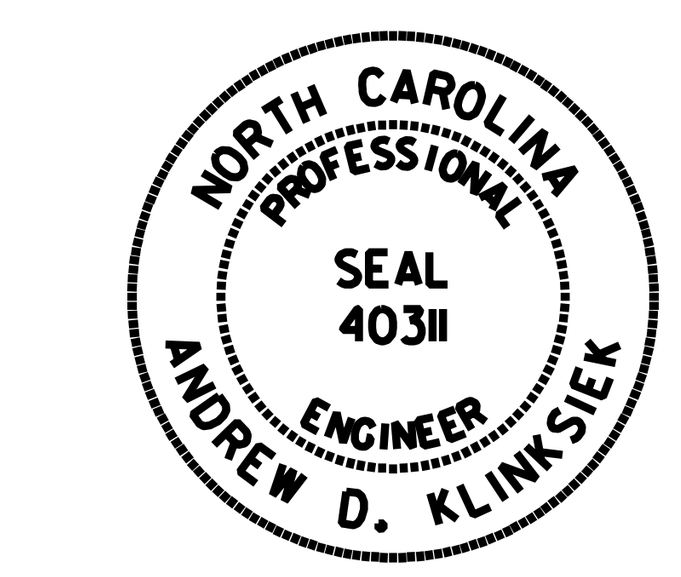
TIP NO.	SHEET NO.
DE00325	SIGN-3-4D

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...
DATE: 9/8/2021

SEAL



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-11
TYPE: A (OVHD)
QUANTITY: 1

SIGN WIDTH: 30'-0"
HEIGHT: 20'-0"
TOTAL AREA: 600.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"

NO. Z BARS: 6
LENGTH: 352.0

BACKG COLOR: Green
COPY COLOR: White

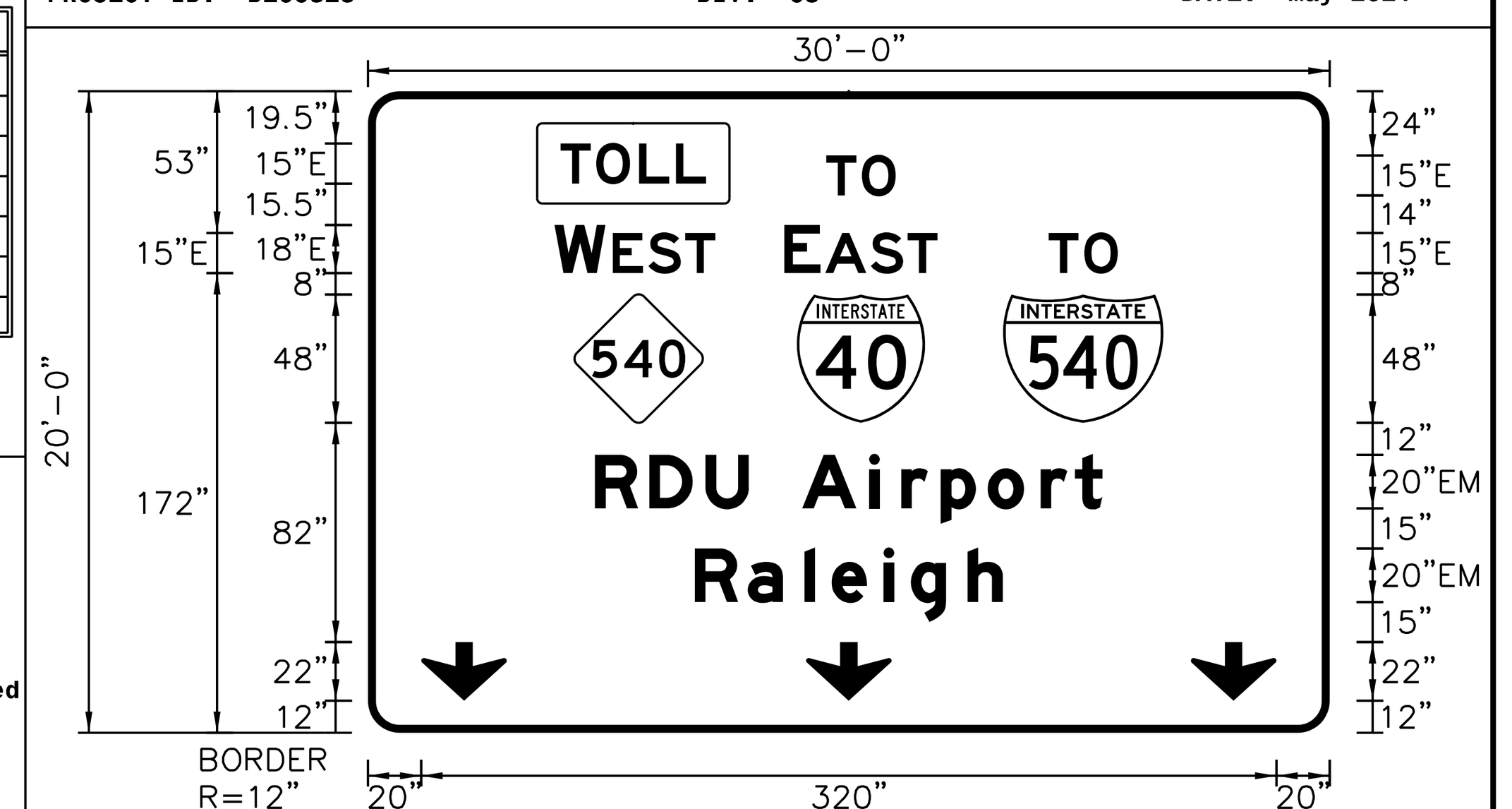
SYMBOL	X	Y	WID	HT
NC483	77.4	116	48	48
M1_1	160.6	116	48	48
M1_1	237.7	116	60	48
Type C Arrow	20	12	32	22
Type C Arrow	164	12	32	22
Type C Arrow	308	12	32	22
TOLL	63.4	198	72	30

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

													Series/Size Text Length
	T	O	L	L									E 2000
72.1	13.3	16	13.8	11.3	233.4								54.5
	T	O											E 2000
171.6	13.4	12.6	162.5										26
	W		E	S	T								E 2000
69.9	19.1	2.7	13.4	13.8	11.3	229.9							60.2
	E		A	S	T								E 2000
155.9	13.5	1.9	17	13.8	11.3	46.8							57.4
	T	O											E 2000
254.8	13.4	12.6	79.3										26
	R	D	U		A	i	r	p	o	r	t		EM 2000
85	20.4	21	16.2	20	25	12	14.8	17.6	19.8	12.8	10.4	85	190
	R	a	l	e	i	g	h						EM 2000
122.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	122.4					115.2

SIGN NUMBER: 3-12B
TYPE: A (OVHD)
QUANTITY: 1

SIGN WIDTH: 24'-0"
HEIGHT: 20'-0"
TOTAL AREA: 480.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 3"
WIDTH: 3"
RADII: 12"

NO. Z BARS: 6
LENGTH: 280.0

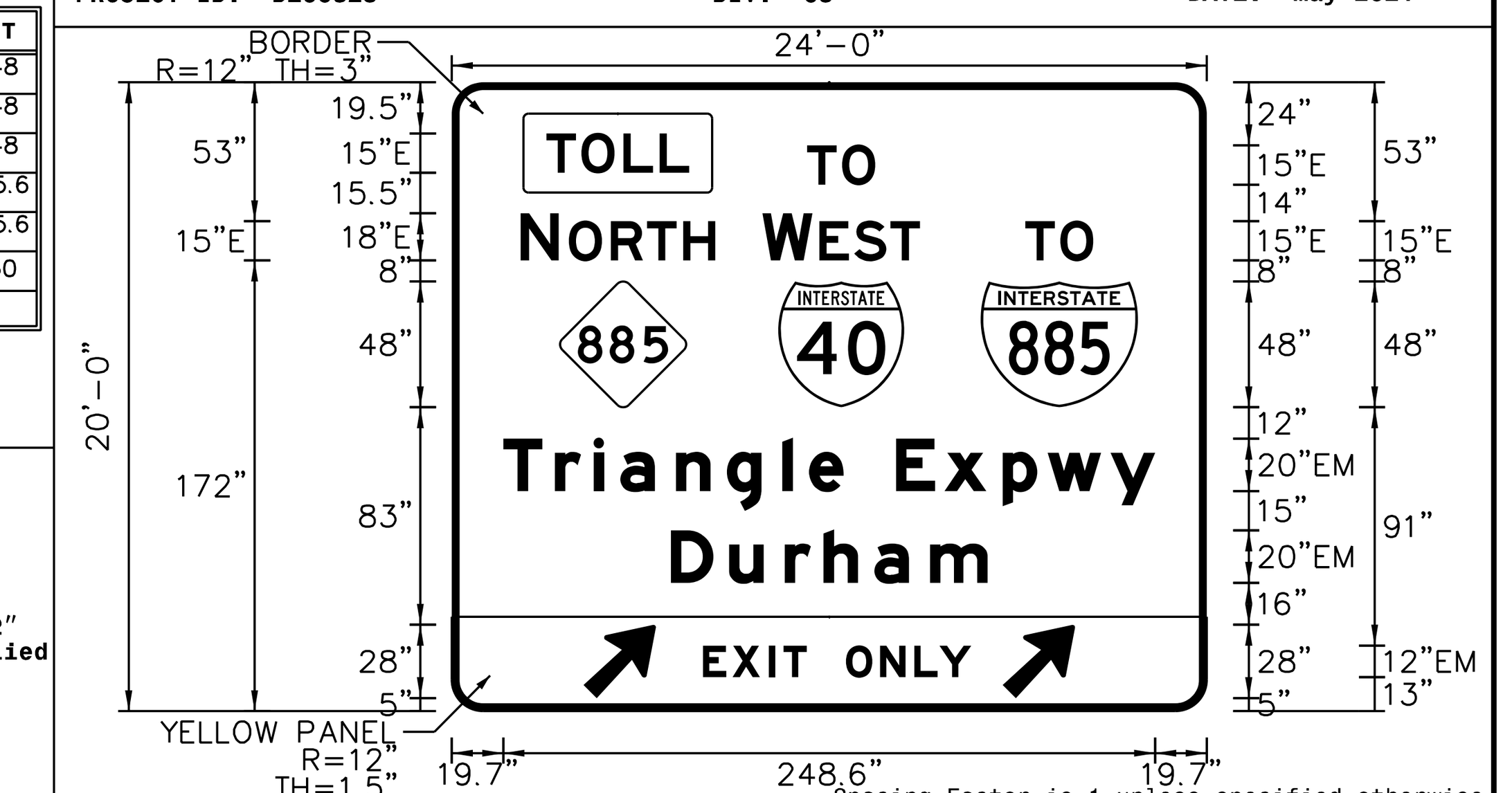
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC483	41.4	116	48	48
M1_1	124.6	116	48	48
M1_1	201.7	116	60	48
Type A Arrow	50.3	5	22.3	35.6
Type A Arrow	210.1	5	22.3	35.6
TOLL	63.4	198	72	30

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 288" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																Series/Size Text Length
	T	O	L	L												E 2000
36.1	13.3	16.1	13.8	11.3	197.4											54.5
	T	O														E 2000
135.6	13.4	12.6	126.5													26
	N		O	R	T	H										E 2000
26.3	14.6	3.8	16	13.8	13.8	12.2	187.5									74.2
	W		E	S	T											E 2000
118.5	19.1	2.7	13.4	13.8	11.3	109.4										60.2
	T	O														E 2000
218.8	13.3	12.6	43.3													26
	T	r	i	a	n	g	l	e		E	x	p	w	y		EM 2000
19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	19.7	248.6
	D	u	r	h	a	m										EM 2000
83.6	22.2	21.2	14.8	19.4	21.2	22	83.6									120.8
	E	X	I	T												EM 2000
95.9	11.2	14	5.4	8.9	152.6											39.5
	O	N	L	Y												EM 2000
150.4	13	13.1	9.6	12.1	89.9											47.8

SIGN NUMBER: 3-13A, 3-14A
TYPE: A (OVHD)
QUANTITY: 2

SIGN WIDTH: 12'-6"
HEIGHT: 2'-6"
TOTAL AREA: 31.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

NO. Z BARS: 2
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

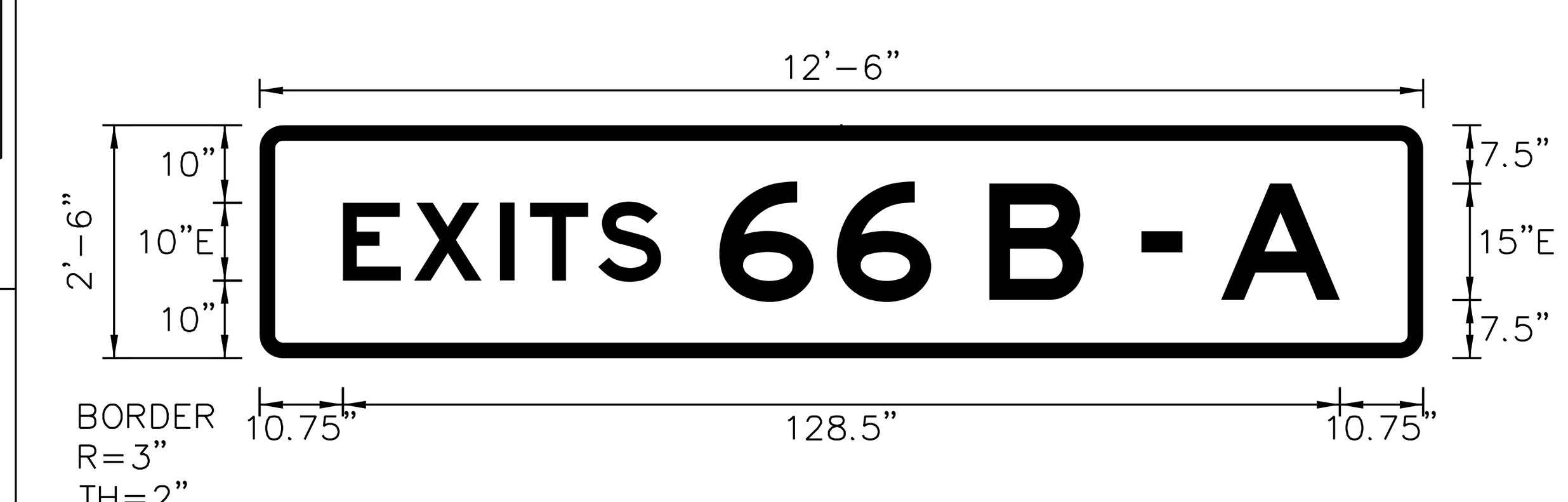
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

										Series/Size Text Length
	E	X	I	T	S					E 2000
10.7	9.2	11.1	3.8	8.8	8.1	98.2				41
	6	6		B		–		A		E 2000
59.3	15.1	12.2	7.5	12.2	7.5	5.3	5	15.3	10.7	80

SIGN NUMBER: 3-13B
TYPE: A (OVHD)
QUANTITY: 1

SIGN WIDTH: 12'-6"
HEIGHT: 11'-6"
TOTAL AREA: 143.8 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

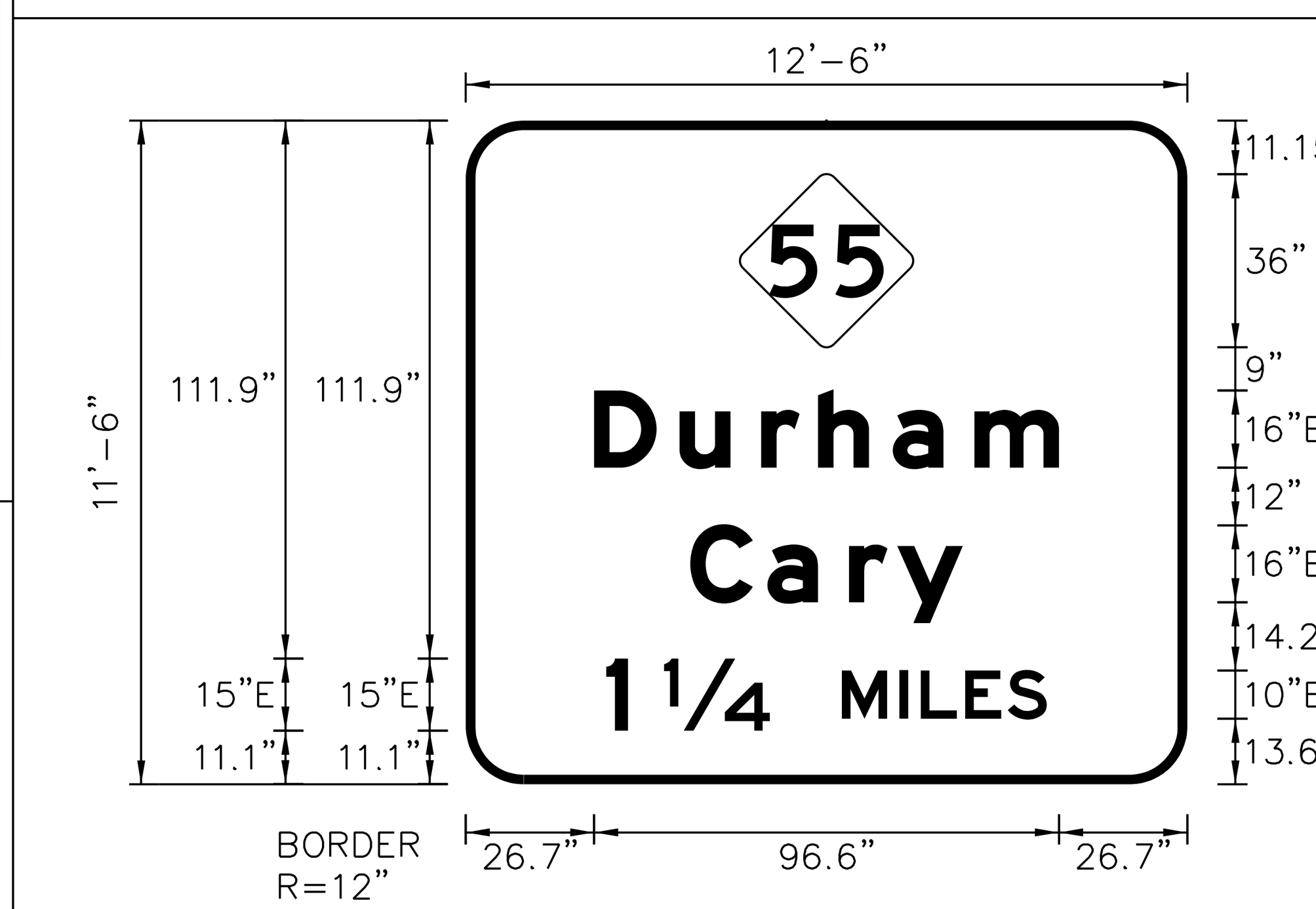
SYMBOL	X	Y	WID	HT
NC362	57	90.8	36	36

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

											Series/Size Text Length
	D	u	r	h	a	m					EM 2000
26.7	17.8	17	11.8	15.5	17	17.6	26.7				96.6
	C	a	r	y							EM 2000
46.7	16	17	10.1	13.6	46.7						56.6
	1		1/4		M	I	L	E	S		E 2000
29.2	4.5	7.5	22	15	12	4.4	9.2	8.9	8.1	29.2	91.6

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4E

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-14B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 184.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

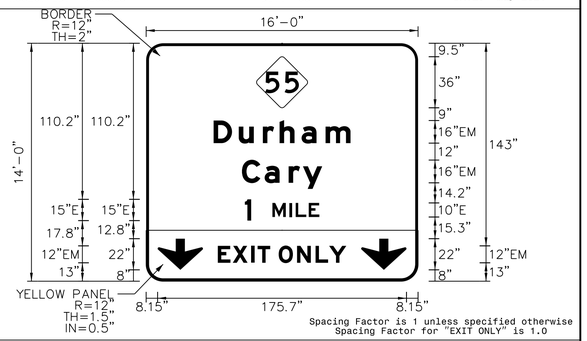
SYMBOL	X	Y	WID	HT
NC362	78	122.5	36	36
Type C Arrow	8.1	8	32	22
Type C Arrow	151.9	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow(s) shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 192" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT ONLY" is 1.0

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		D	u	r	h	a	m																								
	47.7	17.8	17	11.8	15.5	17	17.6	47.7																							
		C	a	r	y																										
	67.7	16	17	10.1	13.6	67.7																									
		1		M	I	L	E																								
	69.7	4.5	15	12	4.4	9.2	7.5	69.7																							
		E	X	I	T		O	N	L	Y																					
	50.6	10.6	13	4.6	8.9	6	13	13.1	9.6	12.1	50.6																				

SIGN NUMBER: 3-15A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 2'-6"
TOTAL AREA: 21.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 94.0

BACKG COLOR: Green
COPY COLOR: White

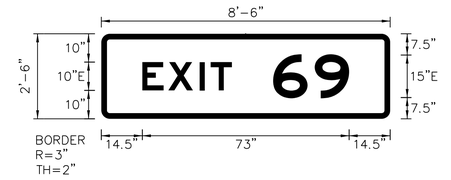
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										
	14.5	9.2	11.1	3.8	7.5	55.9																									
		6	9																												
	60.7	14.7	12.1	14.5																											

SIGN NUMBER: 3-15B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 12'-6"
TOTAL AREA: 181.3 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 166.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

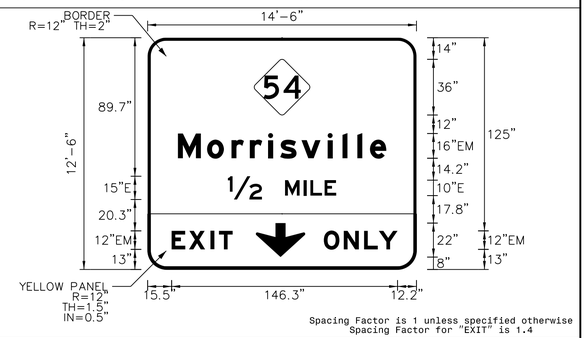
SYMBOL	X	Y	WID	HT
NC362	69	100	36	36
Type C Arrow	70	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 174" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		M	o	r	r	i	s	v	i	l	l	e																			EM 2000
	19.6	18.9	15.8	11.8	11.8	7.8	13.8	17	9.6	9.6	8.2	10.6	19.6																		134.9
		1/2		M	I	L	E																								E 2000
	52	22	15	12	4.4	9.2	7.5	52																							70.1
		E	X	I	T																										EM 2000
	15.5	11.2	14	5.4	8.9	119																									39.5
		O	N	L	Y																										EM 2000
	114	13	13.1	9.6	12.1	12.2																									47.8

SIGN NUMBER: 3-16
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 7'-0"
TOTAL AREA: 42.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.5"
WIDTH: 1.5"
RADII: 9"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Yellow
COPY COLOR: Black

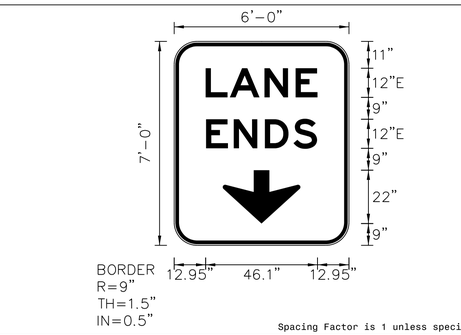
SYMBOL	X	Y	WID	HT
Type C Arrow	20	9	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		L	A	N	E																										
	13	10	14.3	12.8	9	13																									
		E	N	D	S																										E 2000
	13.1"	11.4	12.8	11.8	9.7	13"																									45.7

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SIGN DESIGNS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-4F

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA5906E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-17
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 30'-0"
HEIGHT: 15'-6"
TOTAL AREA: 465.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 352.0

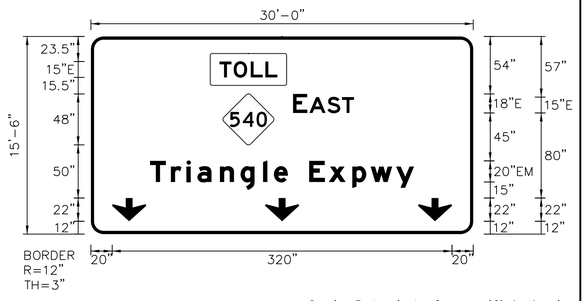
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC483	124.3	84	48	48
Type C Arrow	20	12	32	22
Type C Arrow	164	12	32	22
Type C Arrow	308	12	32	22
TOLL	112.3	140	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	121.1	13.4	16	13.8	11.3	184.4																									54.5
		E		A	S	T																									E 2000
	190.3	13.5	1.9	17	13.8	11.3	112.3																								57.4
		T	r	i	o	n	g	l	e		E	x	p	w	y																EM 2000
	55.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	55.7															248.6

SIGN NUMBER: 3-18B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 20'-0"
TOTAL AREA: 480.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 6
LENGTH: 280.0

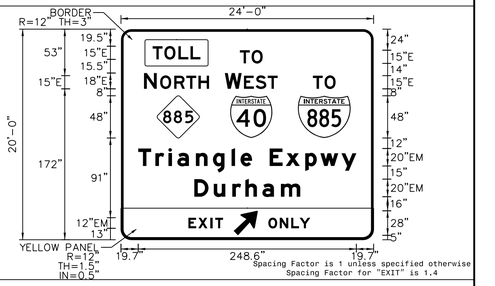
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC483	41.4	116	48	48
M1_1	124.6	116	48	48
M1_1	201.7	116	60	48
Type A Arrow	128.4	5	22.3	35.6
TOLL	27.4	198	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 288" X 36" ; (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										E 2000
	36.1	13.3	16	13.8	11.3	97.4																									54.5
		T	O																												E 2000
	135.6	13.3	12.6	26.5																											26
		N			O	R	T	H																							E 2000
	26.3	14.6	3.8	16	13.8	13.8	12.2	87.5																							74.2
		W			E	S	T																								E 2000
	118.5	19.1	2.7	13.3	13.8	11.3	09.4																								60.2
		T	O																												E 2000
	218.8	13.4	12.6	43.3																											26
		T	r	i	o	n	g	l	e	E	x	p	w	y																	EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	33.2	8.4	22.2	17.2	24	17	19.7																248.6
		D	u	r	h	a	m																								EM 2000
	83.6	22.2	21.2	14.8	19.4	21.2	22	83.6																							120.8
		E	X	I	T																										EM 2000
	76.9	11.2	14	5.4	8.9	71.6																									39.5
		O	N	L	Y																										EM 2000
	168	13	13.1	9.6	12.1	72.2																									47.8

SIGN NUMBER: 3-19
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-6"
HEIGHT: 9'-6"
TOTAL AREA: 166.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 202.0

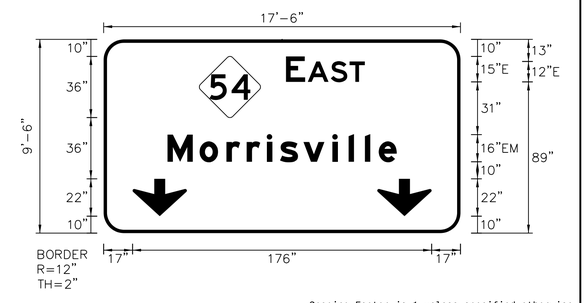
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC242	56.3	68	36	36
Type C Arrow	17	10	32	22
Type C Arrow	161	10	32	22

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									E 2000
	107.3	11.3	1.5	13.6	11	9	56.3																								48.8
		M	o	r	r	i	s	v	i	l	l	e																			
	37.6	18.9	15.8	11.8	11.8	7.8	13.8	17	9.6	9.6	8.2	10.6	37.5																		

SIGN NUMBER: 3-20
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-6"
HEIGHT: 8'-0"
TOTAL AREA: 140.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 202.0

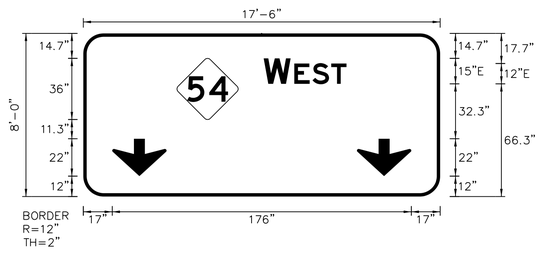
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC242	55.1	45.3	36	36
Type C Arrow	17	12	32	22
Type C Arrow	161	12	32	22

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		W			E	S	T																								E 2000
	106.1	15.9	2.2		10.7	11	9	55.1																							48.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4G

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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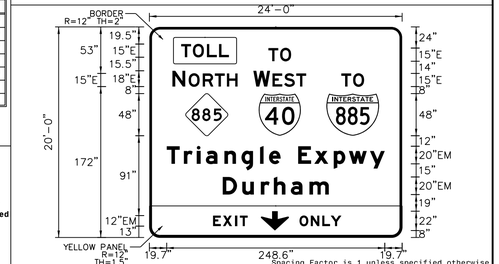
SIGN NUMBER: 3-21B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 20'-0"
TOTAL AREA: 480.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 6
LENGTH: 280.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC483	41.4	116	48	48
M1_1	124.6	116	48	48
M1_1	201.7	116	60	48
Type C Arrow	127	8	32	22
TOLL	27.4	198	72	30

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 288" X 36"; (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	36.1	13.4	16	13.8	11.3	97.4																								54.5
		T	O																											E 2000
	135.6	13.4	12.6	126.5																										26
		N		O	R	T	H																							E 2000
	26.3	14.6	3.8	16	13.8	13.8	12.2	87.5																						74.2
		W		E	S	T																								E 2000
	118.5	19.1	2.7	13.4	13.8	11.3	09.4																							60.2
		T	O																											E 2000
	218.8	13.4	12.6	43.3																										26
		T	r	i	o	n	g	l	e	E	x	p	w	y																EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	33.2	8.4	22.2	17.2	24	17	19.7															248.6
		D	u	r	h	a	m																							EM 2000
	83.6	22.2	21.2	14.8	19.4	21.2	22	83.6																						120.8
		E	X	I	T																									EM 2000
	72.5	11.2	14	5.4	8.9	176																								39.5
		O	N	L	Y																									EM 2000
	171	13	13.1	9.6	12.1	69.2																								47.8

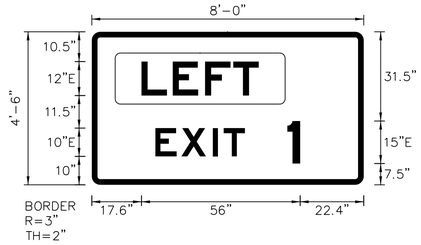
SIGN NUMBER: 3-22A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 8'-0"
HEIGHT: 4'-6"
TOTAL AREA: 36.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
LEFT	8.3	28.5	60	18

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "LEFT" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
4. Use Attachment Method 1-L.

Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2
Spacing Factor for "LEFT" is 1.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		L	E	F	T																									E 2000
	17.6	11	11.4	10	9	37																								41.4
		E	X	I	T																									E 2000
	22.4	9.2	11.1	3.8	7.5	41.9																								31.6
		1																												E 2000
	69.1	4.5	22.4																											4.5

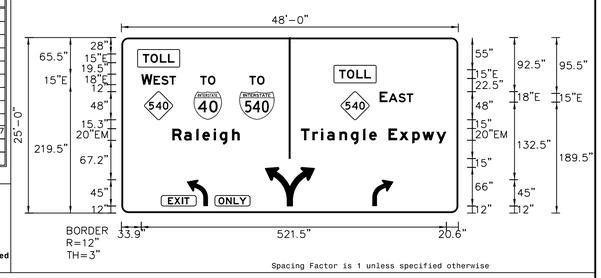
SIGN NUMBER: 3-22B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 48'-0"
HEIGHT: 25'-0"
TOTAL AREA: 1200.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 7
LENGTH: 568.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363B	39.6	159.5	48	48
M1_1	123.6	159.5	48	48
M1_1	201.6	159.5	60	48
NC363B	375.4	159.5	48	48
E11-1a	67.9	11.9	60	18
Left	111.7	12	36.2	45
E11-1b	159.9	11.9	60	18
Left Right Split	245.6	12	84.8	66
Right	429	12	36.2	45
VERTICAL BAR	286.3	93	3	207
TOLL	27.6	249.5	72	30
TOLL	363.2	222.5	72	30

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	36.4	13.3	16.1	13.8	11.3	485.1																								54.5
		W		E	S	T																								E 2000
	33.9	19.1	1.9	13.4	13.8	11.3	482.7																							59.4
		T	O																											E 2000
	134.7	13.4	12.6	415.4																										26
		T	O																											E 2000
	218.7	13.3	12.6	331.4																										26
		E		A	S	T																								E 2000
	441.4	13.5	1.9	17	13.8	11.3	77.2																							57.4
		R	o	l	e	i	g	h																						EM 2000
	87.1	19.8	21.2	10.2	19.4	10.2	21.2	13.2	373.7																					115.2
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	306.8	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	8.4	22.2	17.2	24	17	20.6														248.6

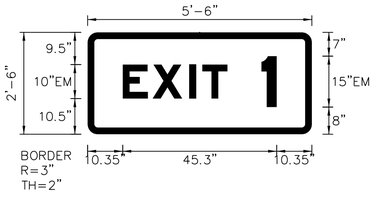
SIGN NUMBER: 3-23A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 2'-6"
TOTAL AREA: 13.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 58.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T		1																							
	10.3	8.8	10.8	3.8	7.4	10	4.5	10.4																						

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4H

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-23B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-6"
HEIGHT: 11'-6"
TOTAL AREA: 120.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

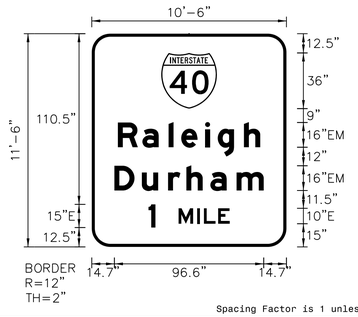
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		R	a	l	e	i	g	h																							
	16.9	15.8	17	8.2	15.5	8.2	17	10.6	16.9																						
		D	u	r	h	a	m																								
	14.7	17.8	17	11.8	15.5	17	17.6	14.7																							
		1		M	I	L	E																								
	36.7	4.5	15	12	4.4	9.2	7.5	36.7																							

SIGN NUMBER: 3-24A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

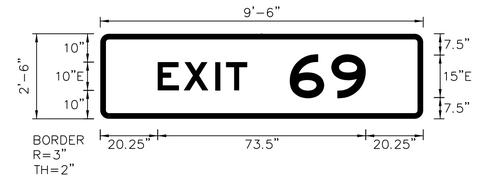
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										
	20.3	9.2	11.1	3.8	7.5	62.1																									
		6	9																												
	66.9	14.7	12.2	20.3																											

SIGN NUMBER: 3-24B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-6"
HEIGHT: 10'-6"
TOTAL AREA: 152.3 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 166.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

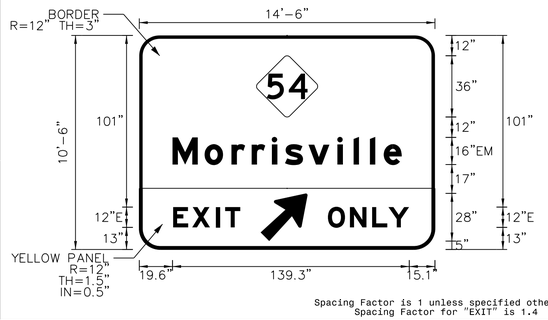
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and de mountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend and border shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 174" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		M	o	r	r	i	s	v	i	l	l	e																			
	19.6	18.9	15.8	11.8	11.8	7.8	13.8	17	9.6	9.6	8.2	10.6	19.6																		
		E	X	I	T																										
	19.9	11.2	14	5.4	8.9	114.6																									
		O	N	L	Y																										
	111	13	13.1	9.6	12.1	15.2																									

SIGN NUMBER: 3-25A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-0"
HEIGHT: 2'-6"
TOTAL AREA: 27.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

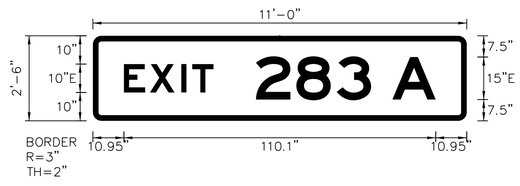
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	11	9.2	11.1	3.8	7.5	89.4																									31.6
		2	8	3		A																									E 2000
	57.6	14.3	14.3	12.2	7.5	15.3	11																								63.5

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4I

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-25B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 28'-0"
HEIGHT: 15'-0"
TOTAL AREA: 420.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 3"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 328.0

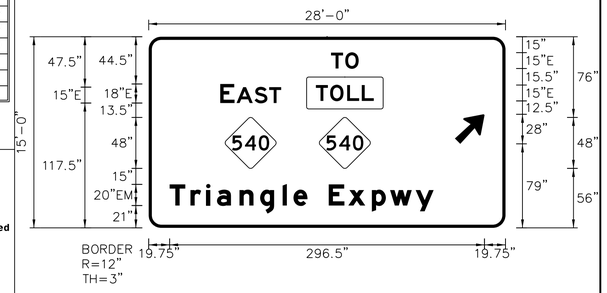
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	288.4	79.1	22.3	35
NC483	72.1	56	48	48
NC483	160.7	56	48	48
TOLL	145.7	112	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	171.8	13.3	12.6	138.3																										26
		T	O	L	L																									E 2000
	157.5	13.4	16	13.8	11.3	124																								54.5
		E		A	S	T																								E 2000
	67.4	13.5	1.9	16.9	13.8	11.3	211.3																							57.4
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	19.8	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	67.6														248.6

SIGN NUMBER: 3-26A,3-27A,3-28A
TYPE: B (OVHD)
QUANTITY: 3
SIGN WIDTH: 11'-0"
HEIGHT: 2'-6"
TOTAL AREA: 27.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 124.0

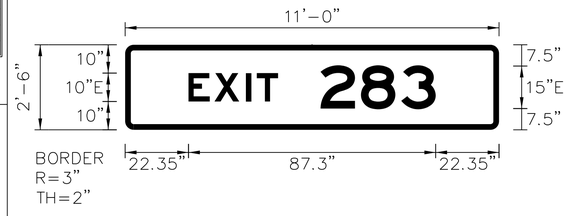
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	22.4	9.2	11.1	3.8	7.5	78																								31.6
		2	8	3																										E 2000
	69	14.3	14.2	12.2	22.4																									40.7

SIGN NUMBER: 3-26B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 22'-6"
TOTAL AREA: 540.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 280.0

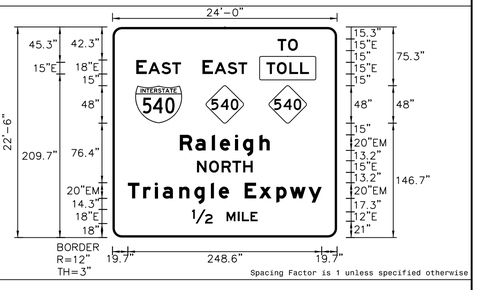
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	29.2	146.7	60	48
NC243A	120	146.7	48	48
NC243A	200.6	146.7	48	48
TOLL	188.6	206.7	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	211.7	13.4	12.6	50.4																										26
		E		A	S	T																								E 2000
	30.5	13.5	1.9	17	13.8	11.3	200.2																							57.4
		E		A	S	T																								E 2000
	115.3	13.5	1.9	16.9	13.8	11.3	115.3																							57.4
		R	o	l	e	i	g	h																						EM 2000
	86.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	86.4																					115.2
		N	O	R	T	H																								E 2000
	108.3	15.6	16	13.8	13.8	12.2	108.3																							71.4
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	8.4	22.2	17.2	24	17	19.7														248.6
		1/2		M	l	L	E																							E 2000
	102	26.4	18	14.4	5.3	11	9	102																						84.1

SIGN NUMBER: 3-27B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 23'-0"
TOTAL AREA: 552.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 280.0

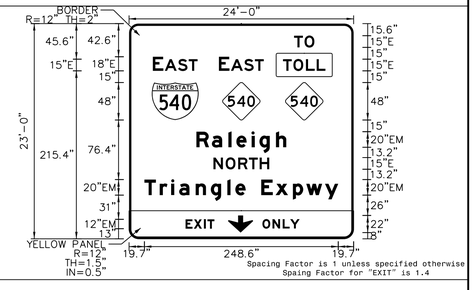
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	29.2	152.4	60	48
NC243A	120	152.4	48	48
NC243A	200.6	152.4	48	48
Type C Arrow	127	8	32	22
TOLL	188.6	207.9	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 288" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spaing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	211.7	13.3	12.6	50.4																										26
		E		A	S	T																								E 2000
	30.5	13.5	1.9	16.9	13.8	11.3	200.2																							57.4
		E		A	S	T																								E 2000
	115.3	13.5	1.9	17	13.8	11.3	115.3																							57.4
		R	o	l	e	i	g	h																						EM 2000
	86.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	86.4																					115.2
		N	O	R	T	H																								E 2000
	108.3	15.6	16	13.8	13.8	12.2	108.3																							71.4
		T	r	i	o	n	g	l	e		E	x	p	w	y															EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	8.4	22.2	17.2	24	17	19.7														248.6
		E	X	I	T																									EM 2000
	72.5	10.6	13	4.6	8.9	78.5																								37
		O	N	L	Y																									EM 2000
	171	13	13.1	9.6	12.1	69.2																								47.8

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-4J

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB84596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-28B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 23'-0"
TOTAL AREA: 552.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 280.0

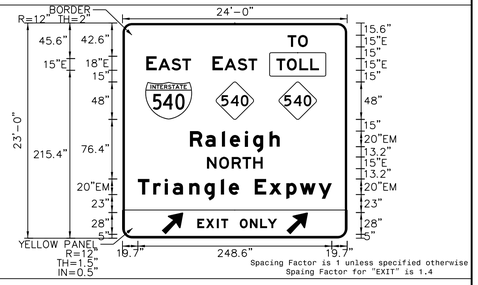
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	29.2	152.4	60	48
NC243A	120	152.4	48	48
NC243A	200.6	152.4	48	48
Type A Arrow	50.3	5	22.3	35
Type A Arrow	210.1	5	22.3	35
TOLL	188.6	207.9	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 288" X 36", (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spaing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	211.7	13.3	12.6	50.4																										26
		E		A	S	T																								E 2000
	30.5	13.5	1.9	17	13.8	11.3	200.2																							57.4
		E		A	S	T																								E 2000
	115.3	13.5	1.9	17	13.8	11.3	115.3																							57.4
		R	o	l	e	i	g	h																						EM 2000
	86.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	86.4																					115.2
		N	O	R	T	H																								E 2000
	108.3	15.6	16	13.8	13.8	12.2	108.3																							71.4
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	19.7														248.6
		E	X	I	T																									EM 2000
	95.9	11.2	14	5.4	8.9	152.6																								39.5
		O	N	L	Y																									EM 2000
	150.4	13	13.1	9.6	12.1	89.9																								47.8

SIGN NUMBER: 3-29
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-0"
HEIGHT: 15'-0"
TOTAL AREA: 270.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 208.0

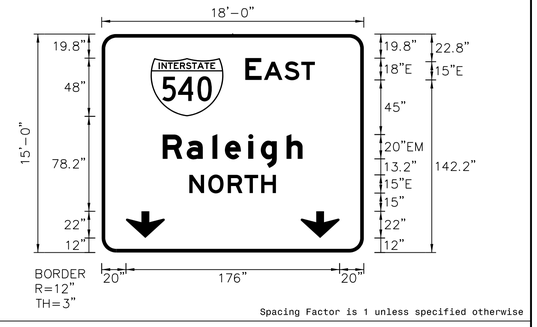
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	40.3	112.2	60	48
Type C Arrow	20	12	32	22
Type C Arrow	164	12	32	22

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E		A	S	T																								E 2000
	118.3	13.5	1.9	17	13.8	11.3	40.3																							57.4
		R	o	l	e	i	g	h																						EM 2000
	50.3	19.8	21.2	10.2	19.4	10.2	21.2	13.2	50.5																					115.2
		N	O	R	T	H																								E 2000
	72.2	15.6	16	13.8	13.8	12.2	72.4																							71.4

SIGN NUMBER: 3-30
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 25'-0"
HEIGHT: 16'-0"
TOTAL AREA: 400.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 292.0

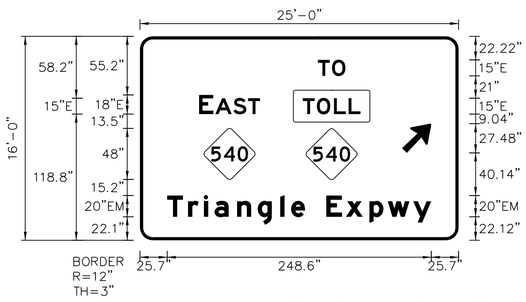
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	246.8	82.3	22.3	35
NC243A	60.4	57.3	48	48
NC243A	156.5	57.1	48	48
TOLL	144.5	111.3	72	30

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.
5. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: NKV CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	167.5	13.3	12.6	106.6																										26
		E		A	S	T																								E 2000
	55.7	13.5	1.9	17	13.8	11.3	187																							57.4
		T	O	L	L																									E 2000
	153.2	13.3	16.1	13.8	11.3	92.3																								54.5
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	25.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	25.7														248.6

SIGN NUMBER: 3-101A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 9'-6"
TOTAL AREA: 185.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 226.0

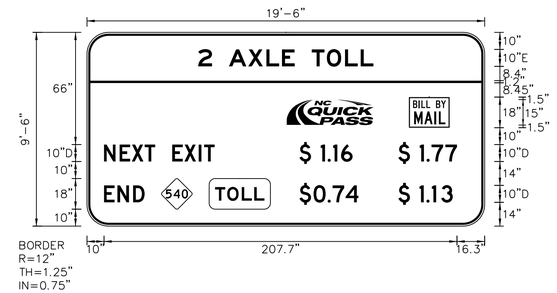
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	117.5	59.5	51.2	15
BILL BY MAIL	189.4	57.9	24	18
NC243A	43.9	10	18	18
TOLL	71.9	10	36	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Fabricate NC 540 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.
7. Proposed support spacing is 7.50'.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		2		A	X	L	E		T	O	L	L																		E 2000
	65.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	65.5																	103.1
		N	E	X	T		E	X	I	T		$	1	.	1	6		$	1	.	7	7								D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	49.9	12.5	4.1	3.2	4.7	6.8	27	12.5	4.1	2.9	8.2	6.8	16.3							207.7
		E	N	D		$	0	.	7	4		$	1	.	1	3														D 2000
	10	7.9	9.2	6.8	91.1	8.3	8.3	2.9	7.7	7.5	23.5	12.4	4.1	3.2	5.5	6.8	18.8													205.3

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-4K

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-101B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 19'-6"
HEIGHT: 2'-6"
TOTAL AREA: 48.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 226.0

BACKG COLOR: White
COPY COLOR: Black

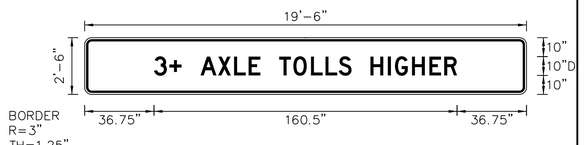
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
4. Proposed support spacing is 7.50'.
5. Use Mounting Method II.

DESIGN BY: NKV CHECKED BY: TRT
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R							Series/Size Text Length
	36.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	36.7						D 2000
																												160.5

SIGN NUMBER: 3-102A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

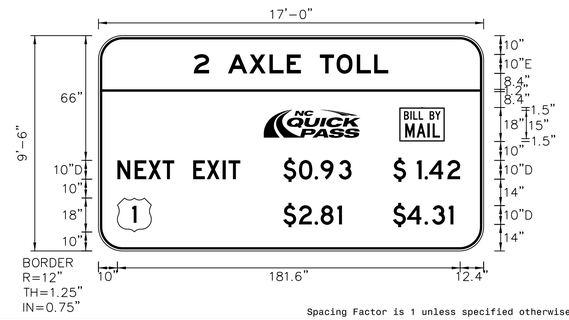
SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		2		A	X	L	E		T	O	L	L																Series/Size Text Length
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5															E 2000
		N	E	X	T		E	X	I	T		$	0	.	9	3		$	1	.	4	2						103
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	22.8	8.3	8.3	3.2	9.6	6.8	22.1	12.5	4.1	2.4	9.7	6.8	12.4					D 2000
		$	2	.	8	1		$	4	.	3	1																181.6
	97.9	8.3	8.3	3.2	8.8	2.5	27	7.5	9.2	4	8.8	2.5	16															D 2000
																												90.1

SIGN NUMBER: 3-102B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 3'-6"
TOTAL AREA: 59.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

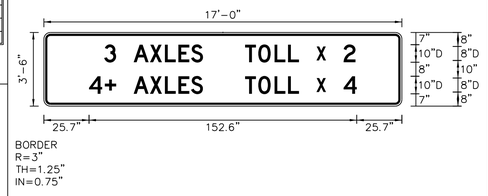
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		3		A	X	L	E	S																					Series/Size Text Length
	34.4	6.8	10	9.3	8.5	7.7	7.2	6.8	13.3																				
		X																											
	155.3	5.4	43.2																										
		T	O	L	L																								
	114.6	7.5	9.3	7.7	6.2	58.7																							
		2																											
	170.8	6.8	26.4																										
		4	+		A	X	L	E	S																					
	25.7	9	6.5	10	9.3	8.5	7.7	7.2	6.8	13.4																			
		X																											
	155.3	5.4	43.2																										
		T	O	L	L																								
	114.6	7.5	9.3	7.7	6.2	58.7																							
		4																											
	170.8	7.5	25.7																										

SIGN NUMBER: 3-103
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 11'-0"
TOTAL AREA: 154.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 160.0

BACKG COLOR: White
COPY COLOR: Black

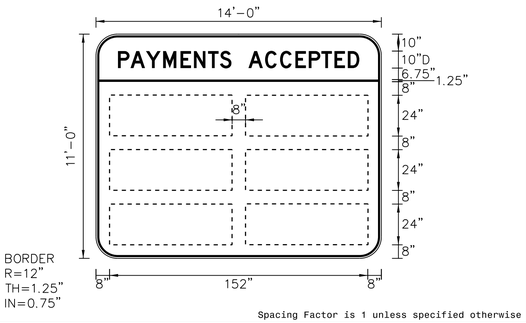
SYMBOL	X	Y	WID	HT
ETC LOGO	8	72	72	24
ETC LOGO	88	72	72	24
ETC LOGO	8	40	72	24
ETC LOGO	88	40	72	24
ETC LOGO	8	8	72	24
ETC LOGO	88	8	72	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Logos shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Maximum size for an interoperable agency's logo shall be 72" x 24".
5. Interoperable agency's logos shall be vertically and horizontally centered within space provided.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		P	A	Y	M	E	N	T	S		A	C	C	E	P	T	E	D										Series/Size Text Length
	13	7.4	9.1	10.1	10.2	7.9	8.3	7	6.8	10	9.8	8.8	9	7.9	7.4	7.7	7.9	6.8	13									D 2000
																												142.1

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4L

APPROVED: Andrew D Klinksick (DocuSigned by: E3D78FBA4596E44B...)

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-104A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

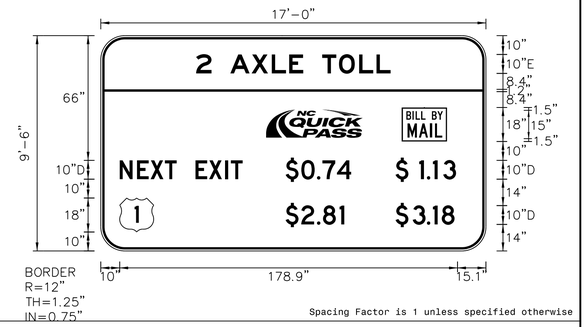
SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																103
		N	E	X	T		E	X	I	T		$	0	.	7	4		$	1	.	1	3							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	22.8	8.3	8.3	2.9	7.7	7.5	23.5	12.5	4.1	3.2	5.5	6.8	15.8						178.1
		$	2	.	8	1		$	3	.	1	8																	D 2000
	97.9	8.3	8.3	3.2	8.8	2.5	27.2	9.1	7.5	3.2	4.7	6.8	16.6																89.5

SIGN NUMBER: 3-104B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 2'-6"
TOTAL AREA: 42.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

BACKG COLOR: White
COPY COLOR: Black

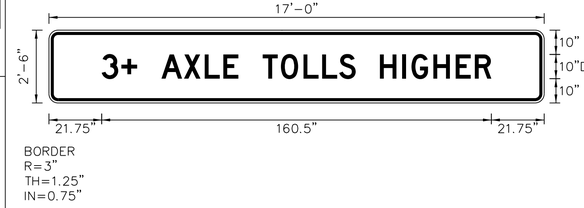
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 CHECKED BY: ADK DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R								D 2000
	21.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	21.7							160.5

SIGN NUMBER: 3-201
TYPE: A
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 5'-0"
TOTAL AREA: 30.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

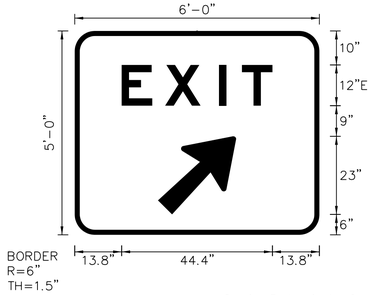
SYMBOL	X	Y	WID	HT
Type A Arrow	24.5	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T																								E 2000
	13.8	12.8	15.8	6.8	9	13.8																							44.4

SIGN NUMBER: 3-301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 3'-6"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

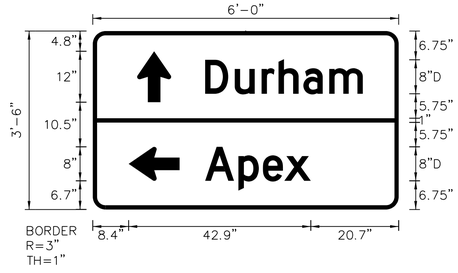
SYMBOL	X	Y	WID	HT
Type D Arrow	10.4	25.3	8	12
Type D Arrow	8.4	6.8	8	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		D	u	r	h	a	m																						D 2000
	26.4	7	6.3	4	5.8	6.1	7.9	8.4																					37.1
		A	p	e	x																								D 2000
	26.4	7.8	5.8	5	6.2	20.7																							24.9

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4M

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 3'-6"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

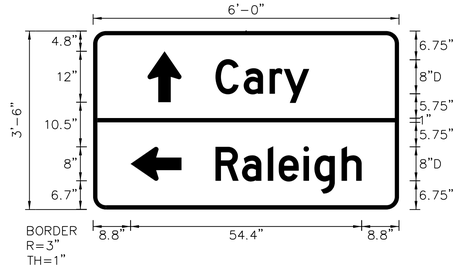
SYMBOL	X	Y	WID	HT
Type D Arrow	12.8	25.3	8	12
Type D Arrow	8.8	6.8	8	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		C	a	r	y																											D 2000
	28.8	6.6	6.1	3.4	6	21.1																										22.1
		R	a	l	e	i	g	h																									D 2000
	28.8	6.2	6.1	2.6	5.8	2.6	6.4	4.7	8.8																							34.4

SIGN NUMBER: 3-303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 3'-6"
TOTAL AREA: 22.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

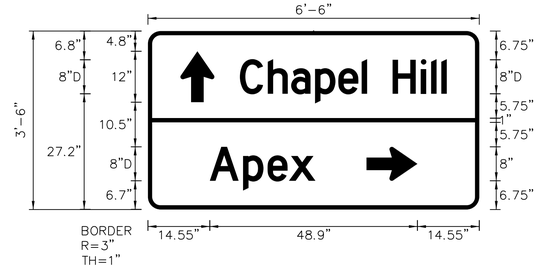
SYMBOL	X	Y	WID	HT
Type D Arrow	7.7	25.3	8	12
Type D Arrow	51.4	6.8	8	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
	21.7	C 6.6	h 5.5	a 5.6	p 5.5	e 5.5	l 1.3	6	H 6.7	i 2.4	l 2.4	l 1.3	7.7																			D 2000 48.7
	14.6	A 7.8	p 5.8	e 5	x 6.2	38.6																										D 2000 24.9

SIGN NUMBER: 3-304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 3'-6"
TOTAL AREA: 22.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

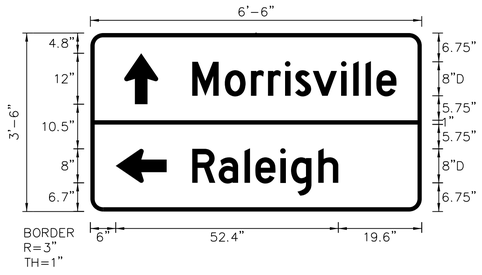
SYMBOL	X	Y	WID	HT
Type D Arrow	8	25.3	8	12
Type D Arrow	6	6.8	8	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		M	o	r	r	i	s	v	i	l	l	e																				D 2000
	24	7.7	6.2	4	4	2.4	4.2	6.6	2.9	2.9	2.6	4.7	6																			48.1
		R	a	l	e	i	g	h																								D 2000
	24	6.2	6.1	2.6	5.8	2.6	6.4	4.7	19.6																							34.4

SIGN NUMBER: 3-305, 3-307
TYPE: D
QUANTITY: 2
SIGN WIDTH: 7'-0"
HEIGHT: 3'-6"
TOTAL AREA: 24.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Blue
COPY COLOR: White

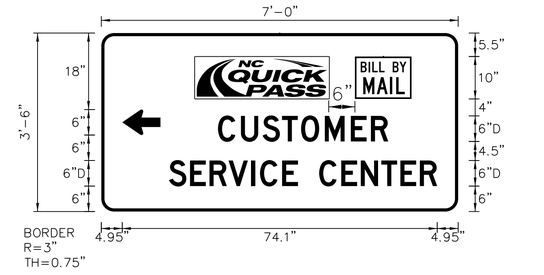
SYMBOL	X	Y	WID	HT
NC QUICK PASS	22.5	27	30.7	9
BILL BY MAIL	59.7	26.5	13.3	10
Type D Arrow	4.9	18	6	9

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Center arrow vertically on panel.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor for "SERVICE CENTER" is 0.85

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
	27.5	C 5.4	U 5.1	S 4.6	T 4.5	O 5.6	M 6.1	E 4.7	R 4.1	16.5																						D 2000 40.1
	15.9	S 4.9	E 4.6	R 4.5	V 5.3	I 2.1	C 5.2	E 3.7	5	C 5.2	E 4.6	N 4.8	T 4.5	E 4.6	R 4.1	4.9																D 2000 63.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4N

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

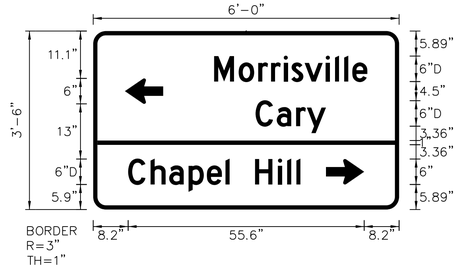
SIGN NUMBER: 3-306, 3-308 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type D Arrow	7.5	24.9	6	9
Type D Arrow	54.8	5.9	6	9

SIGN WIDTH: 6'-0"
HEIGHT: 3'-6"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: N/A
LENGTH: N/A

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		M	o	r	r	i	s	v	i	l	l	e																			D 2000
	28.5	5.8	4.6	3	3	1.8	3.1	5	2.2	2.2	1.9	3.5	7.5																		36.1
		C	a	r	y																										D 2000
	38.2	5	4.6	2.5	4.5	17.2																									16.6
		C	h	a	p	e	l		H	i	l	l																			D 2000
	8.2	5.3	4.4	4.6	4.3	4.4	1	6	5.4	2.2	2.2	1	23.2																		40.6

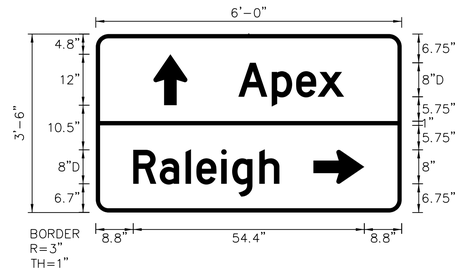
SIGN NUMBER: 3-309, 3-311 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type D Arrow	13.6	25.3	8	12
Type D Arrow	51.2	6.8	8	12

SIGN WIDTH: 6'-0"
HEIGHT: 3'-6"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: N/A
LENGTH: N/A

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		A	p	e	x																										D 2000
	33.6	7.8	5.8	5	6.2	13.6																									24.9
		R	a	i	e	i	g	h																							D 2000
	8.8	6.2	6.1	2.6	5.8	2.6	6.4	4.7	28.8																						34.4

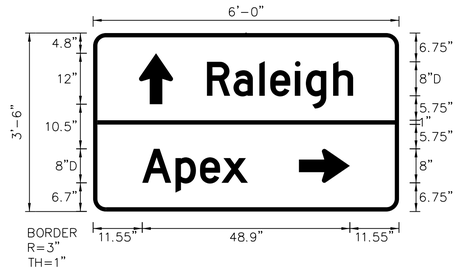
SIGN NUMBER: 3-310 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
Type D Arrow	10.8	25.2	8	12
Type D Arrow	48.4	6.8	8	12

SIGN WIDTH: 6'-0"
HEIGHT: 3'-6"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
MAT'L: 0.125" ALUMINUM
NO. Z BARS: N/A
LENGTH: N/A

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		R	a	l	e	i	g	h																							D 2000
	26.8	6.2	6.1	2.6	5.8	2.6	6.4	4.7	10.8																						34.4
		A	p	e	x																										D 2000
	11.6	7.8	5.8	5	6.2	35.6																									24.9

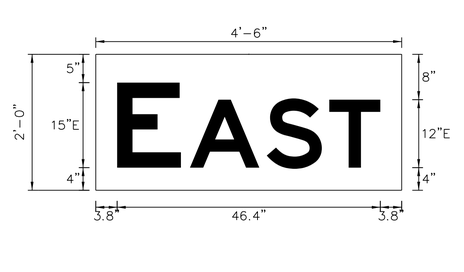
SIGN NUMBER: 3-601,3-602,3-603, 3-604 BACKG COLOR: Green
TYPE: OVERLAY (OVHD) COPY COLOR: White
QUANTITY: 4

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 4'-6"
HEIGHT: 2'-0"
TOTAL AREA: 9.0 Sq.Ft.
BORDER TYPE: N/A
RECESS: N/A
WIDTH: N/A
RADII: N/A
MAT'L: 0.063" ALUMINUM
NO. Z BARS: N/A
LENGTH: N/A

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									
	3.8	11.3	1.6	13.6	11	9	3.8																								

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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-4O

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-605
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 21.1″
TOTAL AREA: 10.55 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

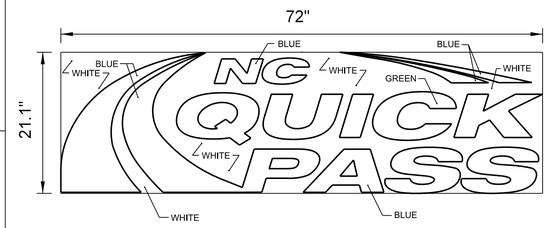
BACKG COLOR: White
COPY COLOR: Blue/Green

SYMBOL	X	Y	WID	HT

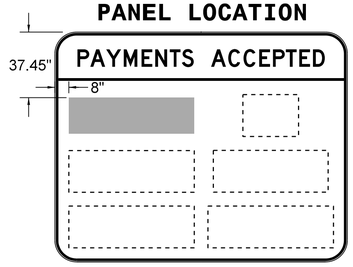
MAT'L: 0.032″ ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Blue is 294.
4. Approved PANTONE matching color for Green is 342.



PANEL LOCATION



SIGN NUMBER: 3-606
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 32″
HEIGHT: 24″
TOTAL AREA: 5.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 0.75″
RADII: 0″
NO. Z BARS:
LENGTH:

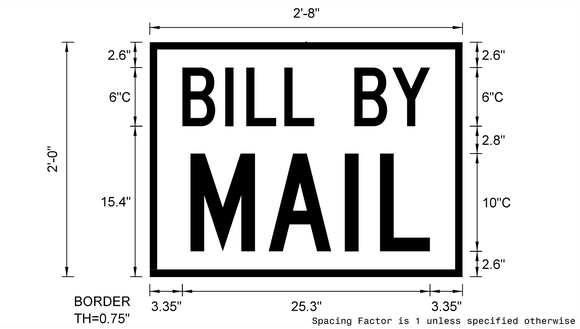
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.032″ ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:
1. Legend and border shall be non-relective sheeting.
2. Background shall be Grade C reflective sheeting.

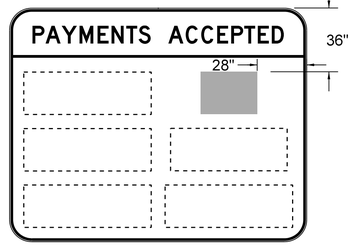


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size Text Length
		B	I	L	L		B	Y			C 2000
	3.3	4.4	2.2	3.9	3.1	4.1	3.9	3.8	3.3		25.3
		M	A	I	L						C 2000
	4.2	8	7.8	3.6	5.1	3.3					24.5

PANEL LOCATION



SIGN NUMBER: 3-607
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 18″
TOTAL AREA: 9 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

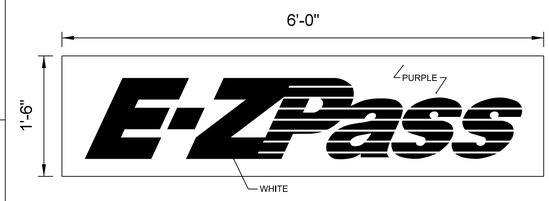
BACKG COLOR: Purple
COPY COLOR: White

SYMBOL	X	Y	WID	HT

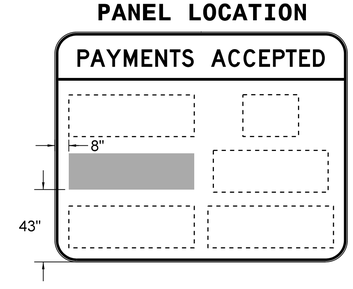
MAT'L: 0.032″ ALUMINUM

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Purple is 259.



PANEL LOCATION



SIGN NUMBER: 3-608
TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 66″
HEIGHT: 24″
TOTAL AREA: 11 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

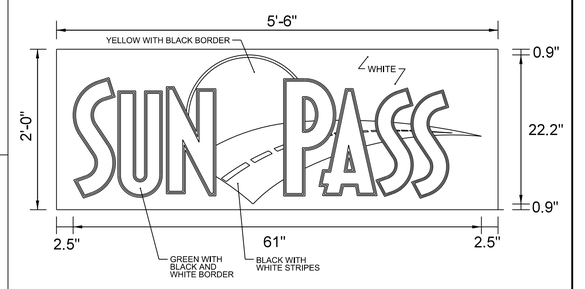
BACKG COLOR: WHITE
COPY COLOR: VARIOUS

SYMBOL	X	Y	WID	HT

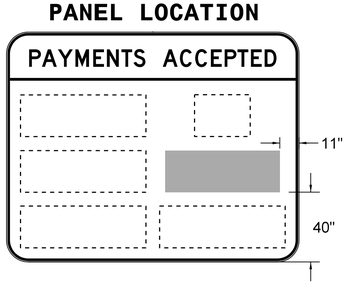
MAT'L: 0.032″ ALUMINUM

DESIGN BY: JAW
CHECKED BY: ADK
DATE: May 2021

NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.



PANEL LOCATION



HNTB NORTH CAROLINA, P.C.
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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4P

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-609
BACKG COLOR: WHITE
COPY COLOR: VARIOUS

TYPE: OVRLY
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 24″
TOTAL AREA: 12 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

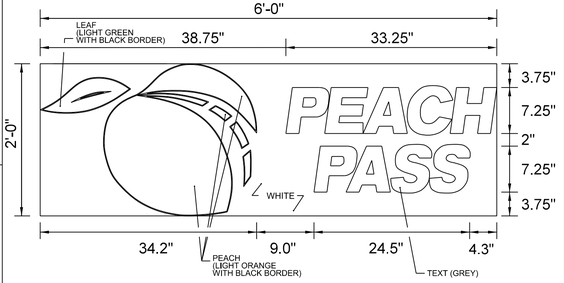
SYMBOL	X	Y	WID	HT
PEACH	0	0	34.2	24

MAT'L: 0.032″ ALUMINUM

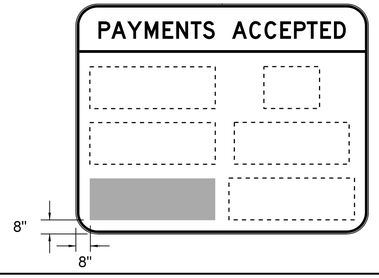
NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.
3. Font is Helvetica Neue Black Italic.

COLORS	
PEACH	PANTONE 163 TRANSLUCENT
LEAF	PANTONE 368 TRANSLUCENT
TEXT	PANTONE 9 OPAQUE

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 3-701A
BACKG COLOR: White
COPY COLOR: Black

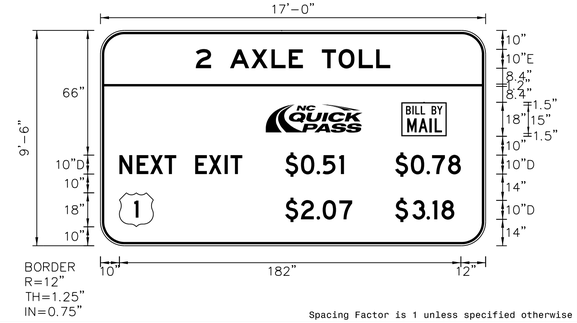
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17′-0″
HEIGHT: 9′-6″
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75″
WIDTH: 1.25″
RADII: 12″
NO. Z BARS: 3
LENGTH: 196.0

SYMBOL	X	Y	WID	HT
NCQP 51.2x15	87.5	59.9	51.1	15
BBM 24x18	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 10.0′.
5. Existing support size is W8x18.
6. Fabricate US 1 route shield with a 0.375″ thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																											Series/Size Text Length
		2		A	X	L	E		T	O	L	L															E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5														103
		N	E	X	T		E	X	I	T		$	0	.	5	1		$	0	.	7	8					D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	22.8	8.3	8.3	3.2	8.8	2.5	27.2	8.3	8.3	2.9	8.5	6.8	13.1				180.9
		$	2	.	0	7		$	3	.	1	8															D 2000
	97.9	8.3	8.3	3.2	8.8	6.8	22.8	9.1	7.5	3.2	4.7	6.8	16.6														89.5

SIGN NUMBER: 3-701B
BACKG COLOR: White
COPY COLOR: Black

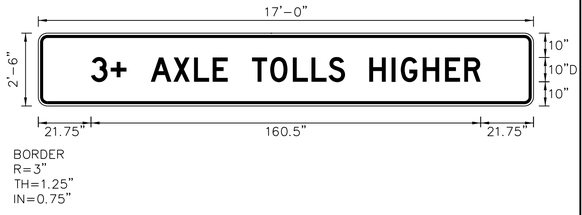
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17′-0″
HEIGHT: 2′-6″
TOTAL AREA: 42.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75″
WIDTH: 1.25″
RADII: 3″
NO. Z BARS: 2
LENGTH: 196.0

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 10.00′.
5. Existing support size is W8x18.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																											Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R						D 2000
	21.7	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	21.7					160.5

SIGN NUMBER: 3-702, 3-704A
BACKG COLOR: Green
COPY COLOR: White

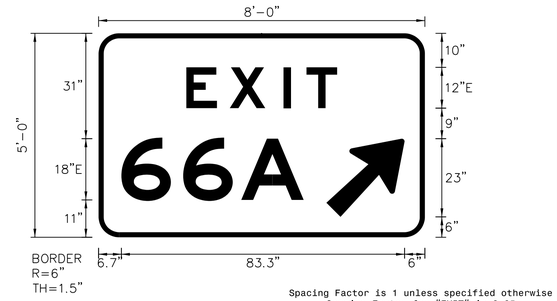
TYPE: A
QUANTITY: 2
SIGN WIDTH: 8′-0″
HEIGHT: 5′-0″
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 1.5″
RADII: 6″
NO. Z BARS: 2
LENGTH: 88.0

SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

MAT'L: 0.125″ ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   3-702 = 4.70′
   3-704A = 4.60′
5. Existing support sizes are as follows:
   3-702 = W6x9
   3-704A = W6x9

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																											Series/Size Text Length
		E	X	I	T																						E 2000
	25.8	12.8	15.8	6.8	9	25.8																					44.4
		6	6	A																							E 2000
	6.7	18.2	17.1	18.4	35.7																						53.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-703A, 3-705 BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type A Arrow	67	6	18.3	29.3

SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

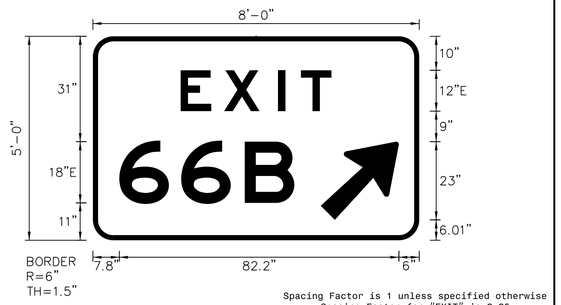
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 88.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.70' for both signs.
5. Existing support size is W6x9 for both signs.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	25.8	12.8	15.8	6.8	9	25.8																									44.4
		6	6	B																											E 2000
	7.8	18.2	18.7	14.6	36.7																										51.5

SIGN NUMBER: 3-703B,3-704B BACKG COLOR: Yellow
TYPE: B COPY COLOR: Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-0"
HEIGHT: 2'-0"
TOTAL AREA: 16.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"

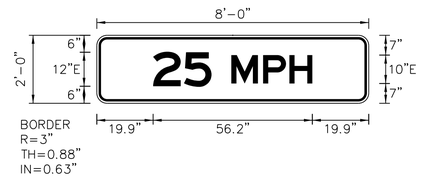
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 88.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Existing support spacings are as follows:
   3-703B = 4.70'
   3-704B = 4.60'
5. Existing support sizes are as follows:
   3-703B = W6x9
   3-704B = W6x9

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		2	5		M	P	H																								
	19.9	10.9	9.7	7	11.2	9.3	8.1	19.9																							

SIGN NUMBER: 3-706 BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 18'-0"
HEIGHT: 5'-0"
TOTAL AREA: 90.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

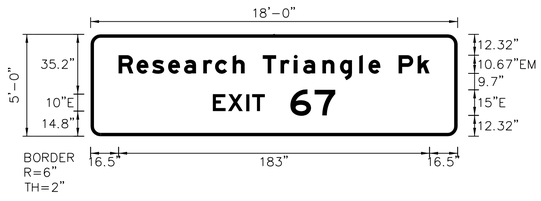
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 208.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 10.60'.
5. Existing support size is W6x9.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		R	e	s	e	a	r	c	h		T	r	i	a	n	g	l	e		P	k										EM 2000
	16.5	10.6	9.2	9.4	9.4	11.3	6.9	10.3	7	10.7	10.5	7.9	5.4	11.3	10.3	11.3	5.4	7	10.7	11.2	7	16.5									183
		E	X	I	T		6	7																							E 2000
	72	8.9	10.7	3.5	7.5	15	14.3	12.2	72																						72

SIGN NUMBER: 3-707, 3-711 BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type A Arrow	49	6	18.3	29.3

SIGN WIDTH: 6'-6"
HEIGHT: 7'-0"
TOTAL AREA: 45.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 70.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C reflective sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 78"X24" (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")
5. Existing horizontal spacing is 3.80' for both signs.
6. Existing support size is S4X7.7 for both signs.

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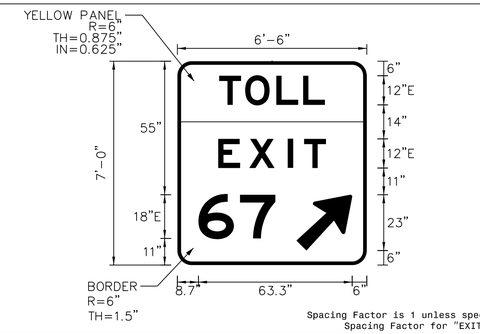

Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L																										
	17.2	10.7	12.8	11	9	17.2																									E 2000 43.6
		E	X	I	T																										E 2000
	16.8	12.8	15.8	6.8	9	16.8																									44.4
		6	7																												E 2000
	8.7	17.1	14.6	37.6																											31.7

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4R

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 3-708A
TYPE: A
QUANTITY: 1

SIGN WIDTH: 13'-0"
HEIGHT: 7'-6"
TOTAL AREA: 97.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"

NO. Z BARS: 3
LENGTH: 148.0

BACKG COLOR: White
COPY COLOR: Black

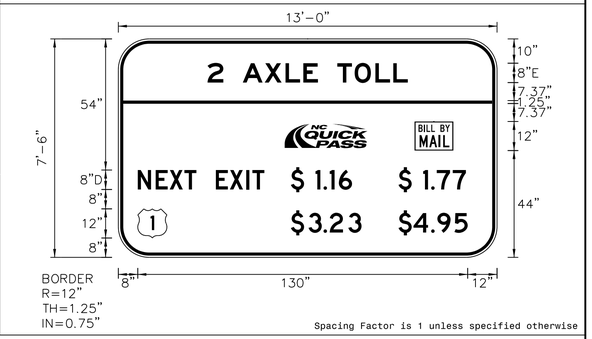
SYMBOL	X	Y	WID	HT
NC QUICK PASS	68.5	45	34.1	10
BILL BY MAIL	122	44	16	12
M1_4	8	8	12	12

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Existing support spacing is 7.60'.
6. Existing support size is W6x16.
7. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
		2		A	X	L	E		T	O	L	L																E 2000
	36.8	6.5	8	9	8.6	7.4	6	8	7.1	8.6	7.4	6	36.8															82.5
		N	E	X	T		E	X	I	T		$	1	.	1	6		$	1	.	7	7						D 2000
	8	7.4	5.8	6.1	5	8	5.8	6.8	2.5	5	10.9	10.2	3.3	2.6	3.8	5.4	19.1	10.2	3.3	2.3	6.6	5.4	12.8					135.2
		$	3	.	2	3		$	4	.	9	5																D 2000
	71.1	7.3	6.2	2.6	7.7	5.4	15.2	6.2	7.3	2.6	7	5.4	12.1															72.8

SIGN NUMBER: 3-708B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 13'-0"
HEIGHT: 2'-0"
TOTAL AREA: 26.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"

NO. Z BARS: 2
LENGTH: 148.0

BACKG COLOR: White
COPY COLOR: Black

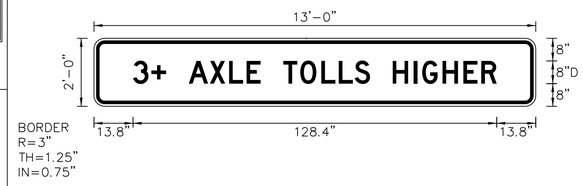
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Use Mounting Method II.
5. Existing support spacing is 7.60'.
6. Existing support size is W6x16.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R							
	13.8	6.5	5.2	8	7.4	6.8	6.2	5	8	6	7.4	6.2	5.6	5.4	8	7.4	3	7.2	7.4	6.3	5.4	3.8						

SIGN NUMBER: 3-709
TYPE: A
QUANTITY: 1

SIGN WIDTH: 5'-0"
HEIGHT: 5'-0"
TOTAL AREA: 25.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2
LENGTH: 52.0

BACKG COLOR: Green
COPY COLOR: White

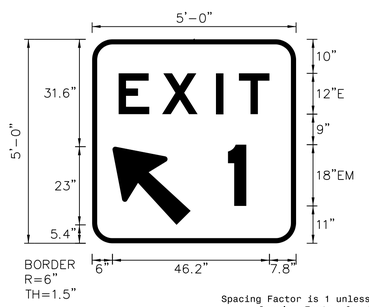
SYMBOL	X	Y	WID	HT
Type A Arrow	6	5.4	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 2.95'.
5. Existing support size is S4x7.7.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
		E	X	I	T																							E 2000
	7.8	12.8	15.8	6.8	9	7.8																						44.4
		1																										EM 2000
	40	5.4	14.6																									5.4

SIGN NUMBER: 3-710A,3-716A
TYPE: A
QUANTITY: 2

SIGN WIDTH: 11'-0"
HEIGHT: 5'-0"
TOTAL AREA: 55.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

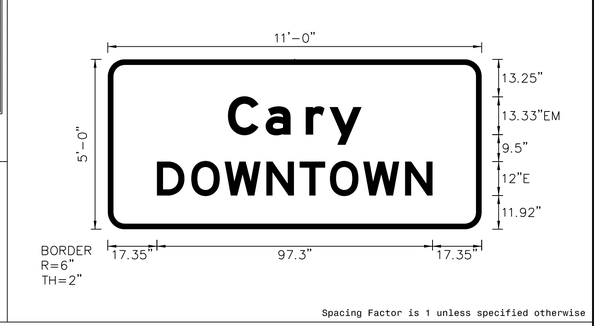
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachement Method II.
4. Existing support spacings are as follows:
   3-710A = 6.75'
   3-716A = 7.00'
5. Existing support sizes are as follows:
   3-710A = W8x21
   3-716A = W8x21

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
		C	a	r	y																							EM 2000
	42.4	13.3	14.1	8.4	11.3	42.4																						47.2
		D	O	W	N	T	O	W	N																			E 2000
	17.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	17.3																		97.3

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4S

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-710B,3-716B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 11'-0"
HEIGHT: 7'-6"
TOTAL AREA: 82.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 12"
NO. Z BARS: 3
LENGTH: 124.0

BACKG COLOR: Blue
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC QUICK PASS	23.4	65.6	51.1	15
BILL BY MAIL	86.1	64	24	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. NC Quick Pass and Bill by Mail shall be Grade C refelctive sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. See SIGN-F for ETC logo details and the inset border required for ETC logos on blue backgrounds.
5. Existing support spacings are as follows:
   3-710B = 6.75'
   3-716B = 7.00'
6. Existing support sizes are as follows:
   3-710B = W8x21
   3-716B = W8x21

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		C	U	S	T	O	M	E	R																					D 2000
	32.6	9	8.5	7.6	7.5	9.3	10.2	7.9	6.8	32.6																				66.8
		S	E	R	V	I	C	E		C	E	N	T	E	R															D 2000
	11.1	8.5	7.9	7.6	9.1	3.8	9	6.2	10	9	7.9	8.3	7.7	7.9	6.8	11.2														109.7
		E	X	I	T		6	9																						E 2000
	37	7.1	8.6	2.8	6	12	11.8	9.7	37																					58

SIGN NUMBER: 3-712
TYPE: A
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 6'-6"
TOTAL AREA: 91.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	9.8	31.3	51.1	15
BILL BY MAIL	23.6	8.1	24	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 8.20'.
6. Existing support size is W6x9.

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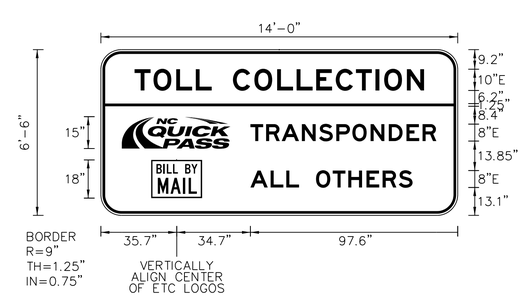
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L		C	O	L	L	E	C	T	I	O	N															E 2000
	15.8	8.9	10.7	9.2	7.5	10	10.1	10.7	9.2	9.2	9.2	9.5	9.2	4.1	10.7	8.1	15.8														136.3
		T	R	A	N	S	P	O	N	D	E	R																			E 2000
	70.4	7.4	7.4	9.5	8.1	8.1	7.6	8.6	8.6	8.3	7.6	6.5	10.1																		87.5
		A	L	L		O	T	H	E	R	S																				E 2000
	70.4	9.5	7.4	6	8	7.8	7.4	8.6	7.6	7.6	6.5	21.3																			76.3

SIGN NUMBER: 3-713
TYPE: A
QUANTITY: 1
SIGN WIDTH: 11'-0"
HEIGHT: 13'-0"
TOTAL AREA: 143.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363B	15	108	36	36
NC363B	79.3	12	36	36
TOLL	63	114	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 7.10'.
6. Existing support size is W8x18.

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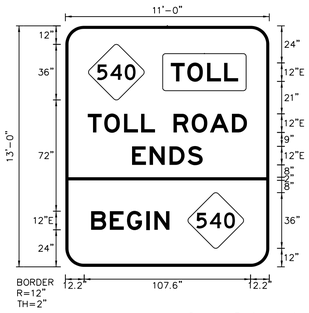
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L		R	O	A	D																						
	14.5	10.7	12.8	11	9	12	11.8	11.8	14.3	9.7	14.5																					
		E	N	D	S																											
	43.1	11.4	12.8	11.8	9.7	43.1																										
		B	E	G	I	N																										
	16.7	12.1	11	12.5	5.3	9.7	64.7																									

SIGN NUMBER: 3-714A,3-717
TYPE: A
QUANTITY: 2
SIGN WIDTH: 6'-6"
HEIGHT: 5'-0"
TOTAL AREA: 32.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"
NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

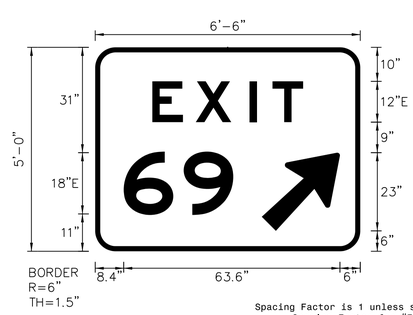
SYMBOL	X	Y	WID	HT
Type A Arrow	49	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacings are as follows:
   3-714A = 3.80'
5. Existing support sizes are asl follows:
   3-714A = S4x7.7
   3-717 = S5x10 (Mounted on 1 support)

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										
	16.8	12.8	15.8	6.8	9	16.8																									
		6	9																												
	8.4	17.6	14.6	37.4																											

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4T

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-714B
TYPE: B
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-0"
TOTAL AREA: 13.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 70.0

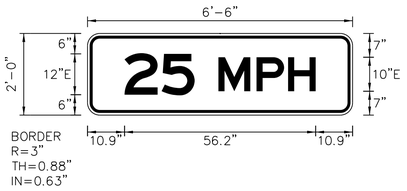
BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Mounting Method II.
4. Existing support spacing is 3.80'.
5. Existing support size is S4x7.7.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		2	5		M	P	H																						Series/Size Text Length
	10.9	10.9	9.7	7	11.2	9.3	8.1	10.9																					

SIGN NUMBER: 3-715A,3-718A, 3-719A
TYPE: A
QUANTITY: 3
SIGN WIDTH: 16'-0"
HEIGHT: 3'-6"
TOTAL AREA: 56.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 184.0

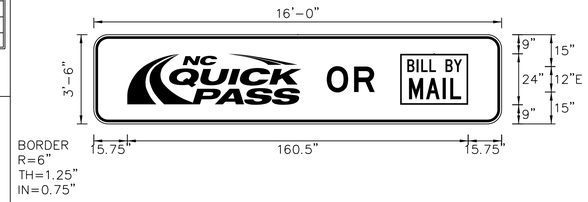
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	15.8	9	81.9	24
BILL BY MAIL	144.2	9	32	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Existing support spacing is 5.90' and 5.90' for all signs.
6. Sign 3-715A and 3-718A, existing support size is W8x21.
7. Sign 3-719A, existing support size is W8x18.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																										Series/Size Text Length
	109.7	12.8	9.7	59.8																									E 2000
																													22.6

SIGN NUMBER: 3-715B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 184.0

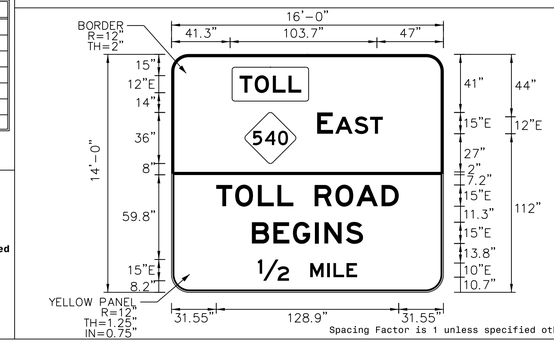
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC363B	51.8	7	36	36
TOLL	42.8	135	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is 192" X 84". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
6. Existing support spacing is 5.90' and 5.90'.
7. Existing support size is W8x21.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		E		A	S	T																							Series/Size Text Length
	102.8	11.3	1.5	13.6	11	9	42.8																						E 2000
																													46.4
		T	O	L	L		R	O	A	D																			E 2000
	31.6	13.3	16	13.8	11.3	15	14.7	14.7	17.9	12.2	31.6																		128.9
		B	E	G	I	N	S																						E 2000
	56.8	15.2	13.8	15.6	6.6	15.2	12.2	56.8																					78.5
		1/2		M	I	L	E																						E 2000
	61	22	15	12	4.4	9.2	7.5	61																					70.1

SIGN NUMBER: 3-718B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 184.0

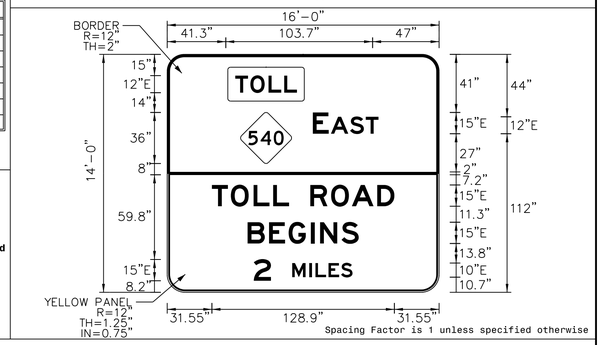
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC363B	51.8	7	36	36
TOLL	42.8	135	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is 192" X 84". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
6. Existing support spacing is 5.90' and 5.90'.
7. Existing support size is W8x21.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		E		A	S	T																							Series/Size Text Length
	102.8	11.3	1.5	13.6	11	9	42.8																						E 2000
																													46.4
		T	O	L	L		R	O	A	D																			E 2000
	31.6	13.3	16.1	13.8	11.3	15	14.7	14.7	17.9	12.2	31.6																		128.9
		B	E	G	I	N	S																						E 2000
	56.8	15.2	13.8	15.6	6.6	15.2	12.2	56.8																					78.5
		2		M	I	L	E	S																					E 2000
	61.1	12.2	15	12	4.4	9.2	8.9	8.1	61.1																				69.8

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4U

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-719B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 184.0

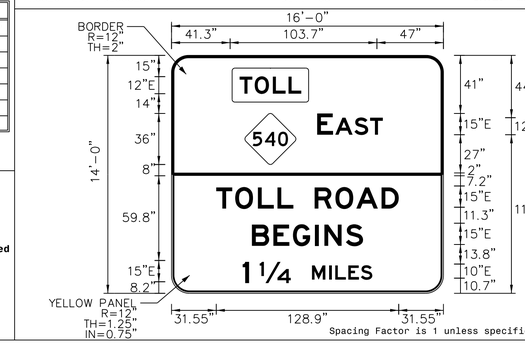
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC363B	51.8	7	36	36
TOLL	42.8	135	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is 192" X 84", (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
6. Existing support spacing is 5.90' and 5.90'.
7. Existing support size is W8x18.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																			Series/Size Text Length
		E		A	S	T																														E 2000
	102.8	11.3	1.5	13.6	11	9	42.8																														46.4
		T	O	L	L		R	O	A	D																											E 2000
	31.6	13.4	16	13.8	11.2	15	14.7	14.7	17.9	12.2	31.6																										128.9
		B	E	G	I	N	S																														E 2000
	56.8	15.1	13.8	15.6	6.6	15.1	12.2	56.8																													78.5
		1		1/4		M	I	L	E	S																											E 2000
	50.2	4.5	7.5	22	15	12	4.4	9.2	8.9	8.1	50.2																										91.6

SIGN NUMBER: 3-720A,3-721A
TYPE: A
QUANTITY: 2
SIGN WIDTH: 15'-0"
HEIGHT: 3'-6"
TOTAL AREA: 52.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 172.0

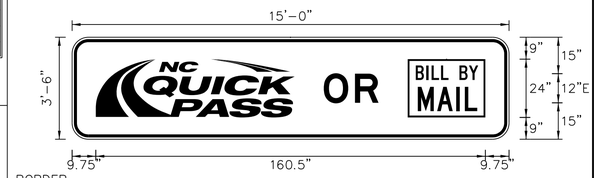
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	9.8	9	81.9	24
BILL BY MAIL	138.2	9	32	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.
5. Use Attachment Method II.
6. Existing support spacings are as follows:
   3-720A = 8.80' 3-721A = TBD
7. Existing support sizes are as follows:
   3-720A = W8x18 3-721A = TBD

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																			Series/Size Text Length
		O	R																																		E 2000
	103.7	12.8	9.7	53.8																																	22.6

SIGN NUMBER: 3-720B,3-721B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 15'-0"
HEIGHT: 9'-0"
TOTAL AREA: 135.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 172.0

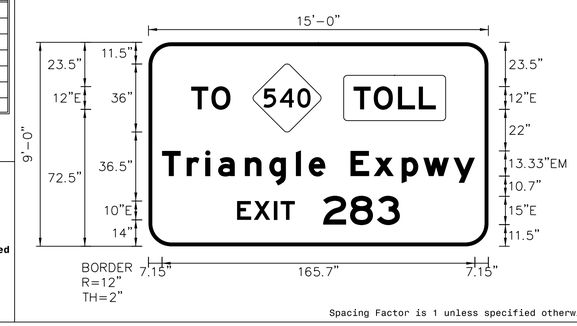
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
NC363B	55.4	60.5	36	36
TOLL	103.4	66.5	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrows and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacings are as follows:
   3-720B = 8.80' 3-721B = TBD
6. Existing support sizes are as follows:
   3-720B = W8x18 3-721B = TBD

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																			Series/Size Text Length
		T	O																																		D 2000
	22.6	10.7	10.1	136.6																																	20.8
		T	O	L	L																																E 2000
	108.6	10.7	12.8	11	9	27.8																															43.6
		T	r	i	a	n	g	l	e		E	x	p	w	y																						EM 2000
	7.2	13.1	9.9	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.3	14.8	11.5	16	11.3	7.2																					165.7
		E	X	I	T		2	8	3																												E 2000
	46.9	8.9	10.7	3.5	7.5	15	14.3	14.2	12.2	46.9																											86.3

SIGN NUMBER: NCQP OR BBM
TYPE: SP
QUANTITY: 19
SIGN WIDTH: 3'-0"
HEIGHT: 3'-0"
TOTAL AREA: 9.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.625"
WIDTH: 0.875"
RADII: 2.25"
NO. Z BARS:
LENGTH:

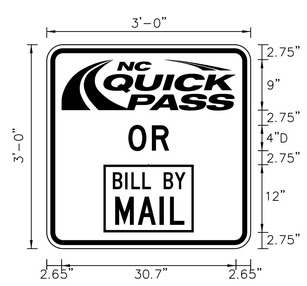
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	2.7	24.3	30.7	9
BILL BY MAIL	10	2.8	16	12

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade C reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																			Series/Size Text Length
		O	R																																		D 2000
	14.8	3.7	2.7	14.8																																	6.4

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4V

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 3-509 THRU 3-516
TYPE: F
QUANTITY: 8
SIGN WIDTH: 2'-6"
HEIGHT: 4'-0"
TOTAL AREA: 10.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Blue
COPY COLOR: White

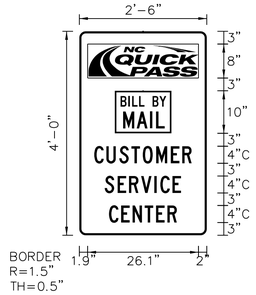
SYMBOL	X	Y	WID	HT
NC QUICK PASS	1.9	37	26.1	8
BILL BY MAIL	8.3	24	13.3	10

MAT'L: 0.125" ALUMINUM

NOTES:

1. See NCDOT Standard Specifications for Roads and Structures Section 901-3(I) for Type F sign fabrication construction methods.
2. See SIGN-4 for ETC logo details and the inset border required for ETC logos on blue backgrounds.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																											Series/Size Text Length
		C	U	S	T	O	M	E	R																		C
	3.5	2.9	3	2.9	2.7	3.2	3.4	2.7	2.2	3.6																	22.9
		S	E	R	V	I	C	E																			C
	6	3	2.7	2.9	3.1	1.4	2.9	2	6.1																		17.9
		C	E	N	T	E	R																				C
	7	2.9	2.7	2.9	2.7	2.7	2.2	7.1																			16

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4W

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA5906E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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3-501



1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″

TWO "U" POSTS PER ASSEMBLY

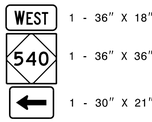
3-507



1 - 24″ X 12″
1 - 24″ X 24″

ONE "U" POST PER ASSEMBLY

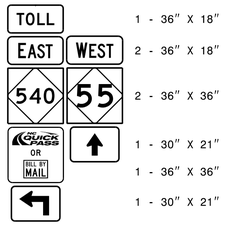
3-517



1 - 36″ X 18″
1 - 36″ X 36″
1 - 30″ X 21″

TWO "U" POSTS PER ASSEMBLY

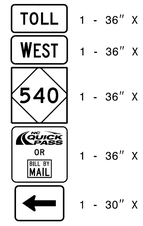
3-801



1 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
1 - 30″ X 21″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

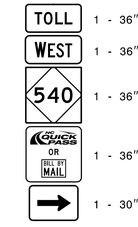
3-805



1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6-12

3-811



1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6-12

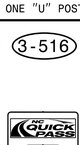
3-502



1 - 36″ X 18″
1 - 36″ X 36″
1 - 30″ X 21″

ONE "U" POST PER ASSEMBLY

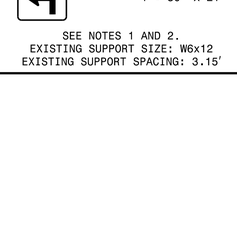
3-508



1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″

TWO "U" POSTS PER ASSEMBLY

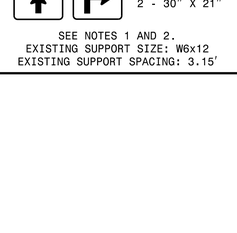
3-802 3-808



1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZES ARE AS FOLLOWS:
3-802 = W6x12 3-808 = W6x12

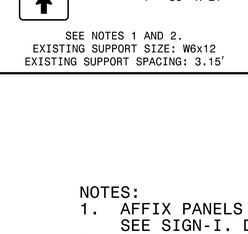
3-806



1 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
1 - 30″ X 21″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6-XX
EXISTING SUPPORT SPACING: 3.15′

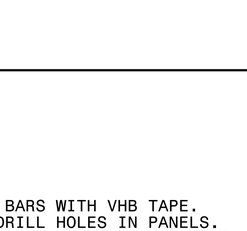
3-813



2 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
2 - 36″ X 36″
2 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

3-817



1 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
1 - 30″ X 21″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6-XX
EXISTING SUPPORT SPACING: 3.15′

3-503

2 - 36″ X 18″
2 - 36″ X 36″
2 - 30″ X 21″

TWO "U" POSTS PER ASSEMBLY

3-509 3-511 3-512 3-515

1 - 30″ X 48″
SEE SIGN-3-4V
FOR PANEL DESIGN

1 - 30″ X 21″
BACKGROUND: BLUE
COPY: WHITE

ONE "U" POST PER ASSEMBLY

3-803 3-807

1 - 36″ X 18″
1 - 36″ X 18″
1 - 36″ X 36″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZES ARE AS FOLLOWS:
3-802 = W6x12 3-808 = W6x12

3-809 3-812

1 - 30″ X 21″
1 - 36″ X 18″
1 - 36″ X 36″
1 - 36″ X 36″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6-12

3-814 3-816

1 - 30″ X 21″
1 - 30″ X 21″
1 - 36″ X 18″
2 - 36″ X 36″
1 - 36″ X 36″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

SEE SIGN-3-4U FOR
"NCQP OR BBM"
PANEL DESIGN

3-504 3-505

2 - 36″ X 18″
2 - 36″ X 36″
2 - 30″ X 21″

TWO "U" POSTS PER ASSEMBLY

3-510 3-513

1 - 30″ X 48″
SEE SIGN-3-4V
FOR PANEL DESIGN

1 - 30″ X 21″
BACKGROUND: BLUE
COPY: WHITE

ONE "U" POST PER ASSEMBLY

3-804

1 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
1 - 30″ X 21″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

3-810

2 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
2 - 36″ X 36″
2 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

3-815

1 - 36″ X 18″
2 - 36″ X 18″
2 - 36″ X 36″
1 - 30″ X 21″
1 - 36″ X 36″
1 - 30″ X 21″

SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZE: W6x12
EXISTING SUPPORT SPACING: 3.15′

3-506

1 - 36″ X 18″
1 - 36″ X 36″

TWO "U" POSTS PER ASSEMBLY

3-514 3-516

1 - 30″ X 48″
SEE SIGN-3-4V
FOR PANEL DESIGN

1 - 30″ X 21″
BACKGROUND: BLUE
COPY: WHITE

ONE "U" POST PER ASSEMBLY

NOTES:
1. AFFIX PANELS TO "Z" BARS WITH VHB TAPE. SEE SIGN-I. DO NOT DRILL HOLES IN PANELS.
2. MOUNT PROPOSED PANELS TO EXISTING SUPPORTS. SEE SIGN-H.

HNTB NORTH CAROLINA, P.C.
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NORTH CAROLINA Turnpike Authority

ROUTE MARKER ASSEMBLIES

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TIP NO.	SHEET NO.
DE00325	SIGN-3-4X

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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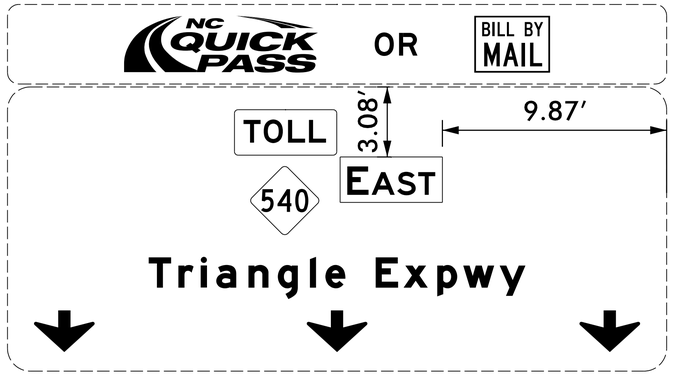
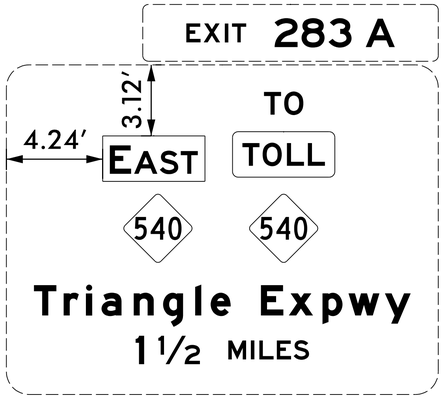
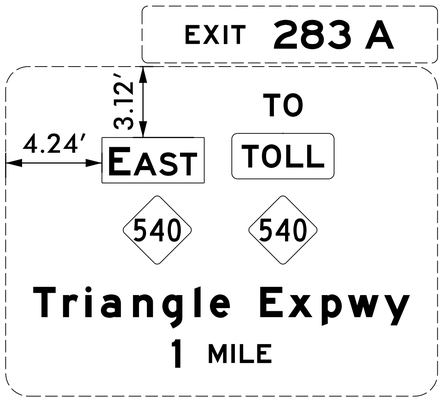
SIGN 1-601



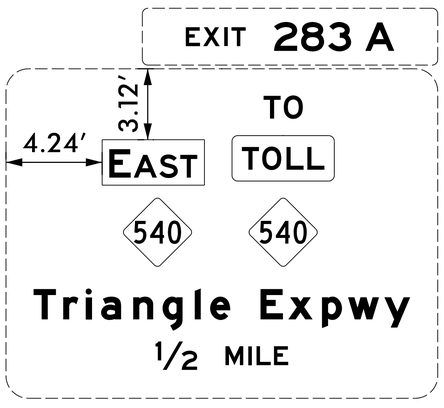
SIGN 1-602



SIGN 1-603



SIGN 1-604



NOTE: SEE SHEETS SIGN-3-4M AND SIGN-3-4N FOR ETC OVERLAY PLACEMENT DETAILS (SIGNS 3-605 THRU 3-609).

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NORTH CAROLINA Turnpike Authority

OVERLAY PLACEMENT DETAILS

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-5

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCH LINE SEE PACKAGE 2, SHEET SIGN-2-17

MATCH LINE SEE SHEET SIGN-3-6

TOLL NC 540

2 AXLE TOLL — NEXT EXIT (1) — BILL BY MAIL $0.78 — QUICK PASS $0.51 $2.07 $3.18 — 3-701A

3+ AXLE TOLLS HIGHER — 3-701B

TOLL RATES — BILL BY MAIL — QUICK PASS

	QUICK PASS	BILL BY MAIL
2 AXLES	$0.48	$0.73
3 AXLES	$0.96	$1.46
4+ AXLES	$1.92	$2.92

TOLL COLLECTION — TRANSPONDER QUICK PASS — ALL OTHERS BILL BY MAIL

TOLL SOUTH 540

ONE WAY 410

2 SIGNS: AUTHORIZED VEHICLES ONLY 409 — DO NOT ENTER 415

2 SIGNS: WRONG WAY 408 — AUTHORIZED VEHICLES ONLY 409

MILE 65 .4 EAST 540

MILE 65 .6 EAST 540

MILE 65 .8 EAST 540

FUTURE CONNECTOR

MILE 65 .9 WEST 540 WEST 545

MILE 65 .8 WEST 540 WEST 545

MILE 65 .4 WEST 540 EAST 540

2 SIGNS: WRONG WAY 408 — AUTHORIZED VEHICLES ONLY 409 — DO NOT ENTER 415

ONE WAY 410

AUTHORIZED VEHICLES ONLY 409

TOLL RATES — BILL BY MAIL — QUICK PASS

	QUICK PASS	BILL BY MAIL
2 AXLES	$0.48	$0.73
3 AXLES	$0.96	$1.46
4+ AXLES	$1.92	$2.92

EXISTING OVERHEAD SIGN ASSEMBLY '3-II'

55 WEST Durham 1/4 MILE — EXIT 66 B — 3-1A — 3-1B

55 EAST Cary — EXIT 66 A — 3-2A — 3-2B

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PROPOSED SIGNING TOLL NC 540

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-6

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCH LINE SEE SHEET SIGN-3-5

MATCH LINE SEE SHEET SIGN-3-15

MATCH LINE SEE SHEET SIGN-3-7

MATCH LINE SEE SHEET SIGN-3-15

TOLL NC 540

NC 55

EXISTING OVERHEAD SIGN ASSEMBLY '3-JJ'

6 SIGNS (420)

7 SIGNS (420)

EXIT 66A (3-702)

EXIT 66B (3-703A) 25 MPH (3-703B)

EXIT 67 (3-3A)

TOLL NORTH TO EAST 885 TO 40 INTERSTATE TO 885 INTERSTATE Triangle Expwy Durham 1¼ MILES (3-3B)

EXIT 66 B (3-4A)

55 WEST Durham (3-4B)

EXIT 66A 25 MPH (3-704A) (3-704B)

99 MILE EAST 540 EAST 540 MILE 66

TOLL EAST 540 WEST 55 (3-802)

Durham Apex (3-301)

TOLL EAST 540 WEST (3-803)

Cary Raleigh (3-302)

TOLL EAST 540 WEST 55 (3-804)

ONE WAY (410)

EXIT 66 A 55 EAST Cary EXIT ONLY

EXIT 64 Morrisville Pkwy 2 MILES

99 MILE EAST 540 EAST 540 MILE 66 .2

99 MILE WEST 540 WEST 540 MILE 66 .2

EXIT 30 MPH (423)

RAMP 25 MPH (403)

25 MPH (401) (402) (404)

YIELD (429)

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PROPOSED SIGNING TOLL NC 540 AND NC 55

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TIP NO.	SHEET NO.
DE00325	SIGN-3-7

APPROVED: DocuSigned by: Andrew D. Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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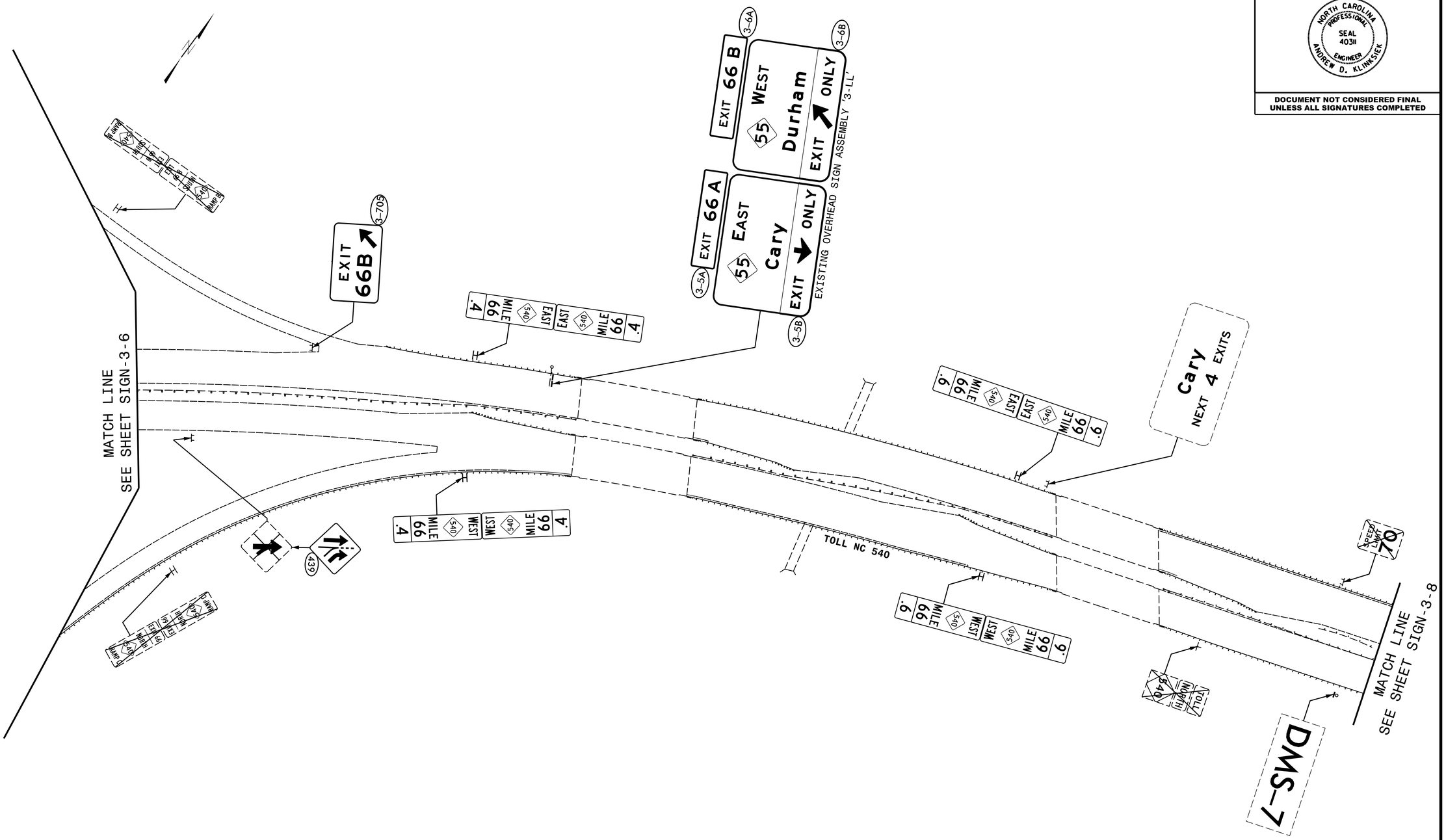

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PROPOSED SIGNING
TOLL NC 540

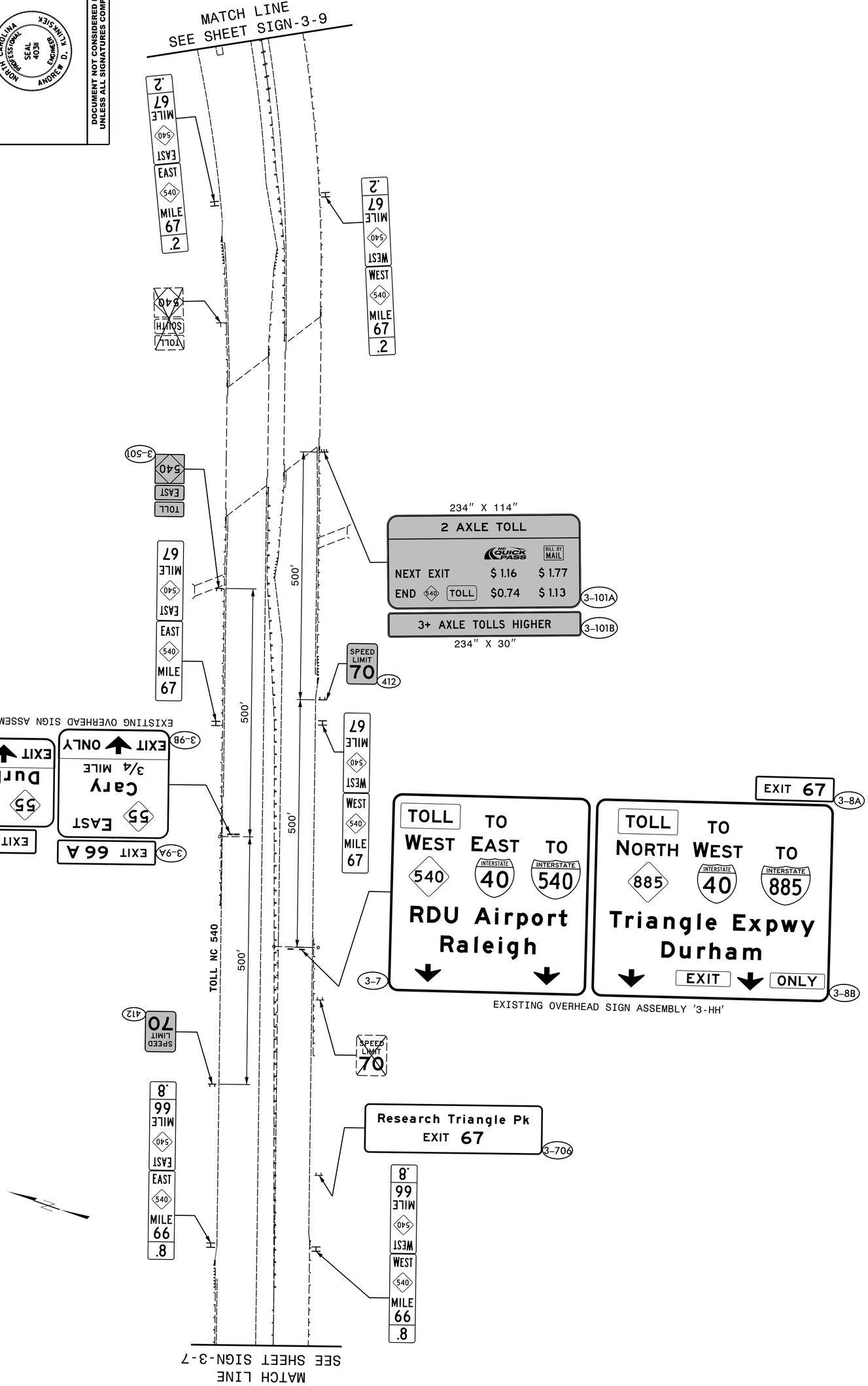
TIP NO.	SHEET NO.
DE00325	SIGN-3-8

APPROVED: DocuSigned by: Andrew D Klinkwich E3D79F8A5995448...
DATE: 9/8/2021
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40361 ENGINEER ANDREW D. KLINKWICH

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROPOSED SIGNING
TOLL NC 540



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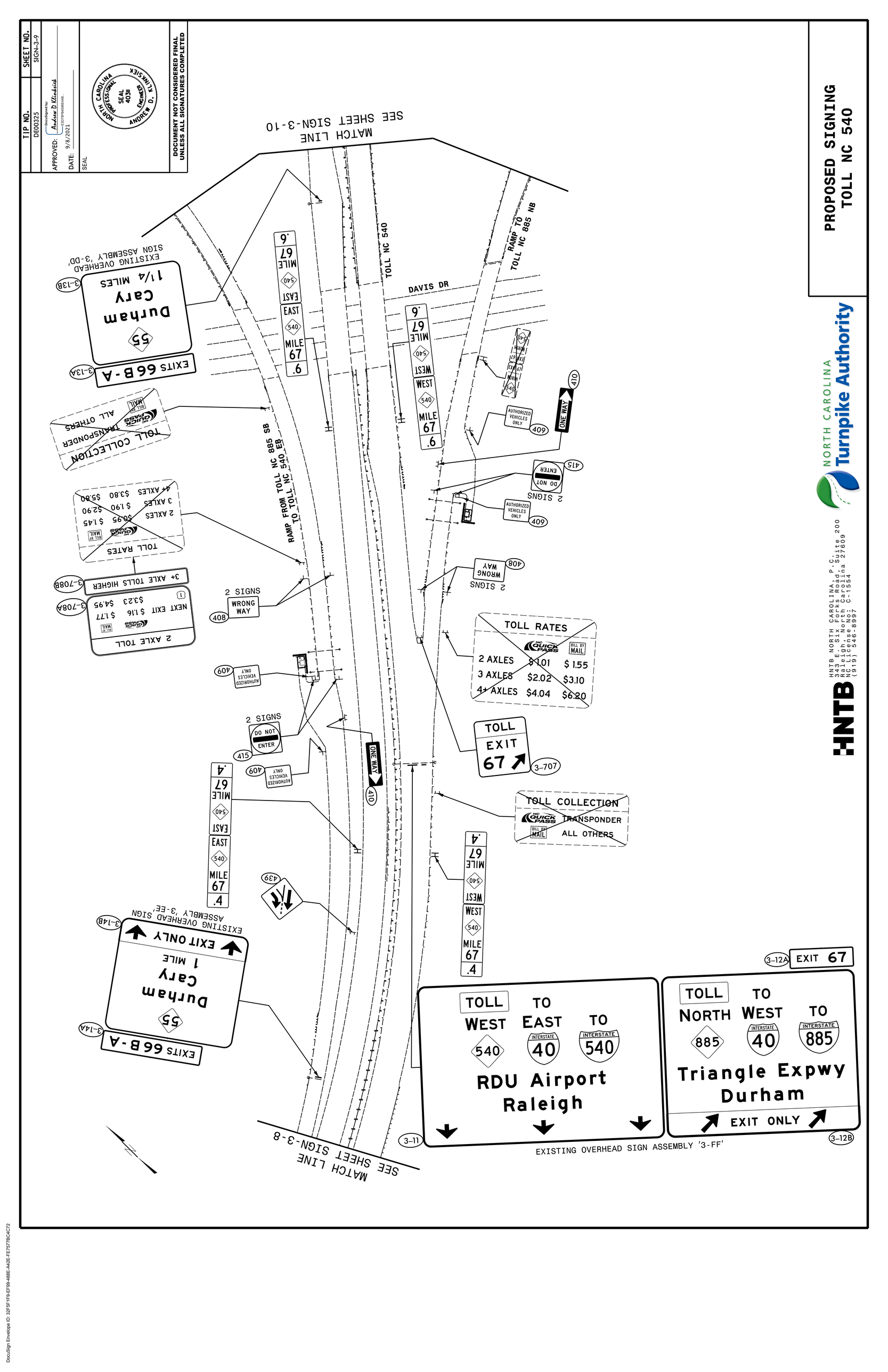

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TIP NO.	SHEET NO.
DE00325	SIGN-3-10

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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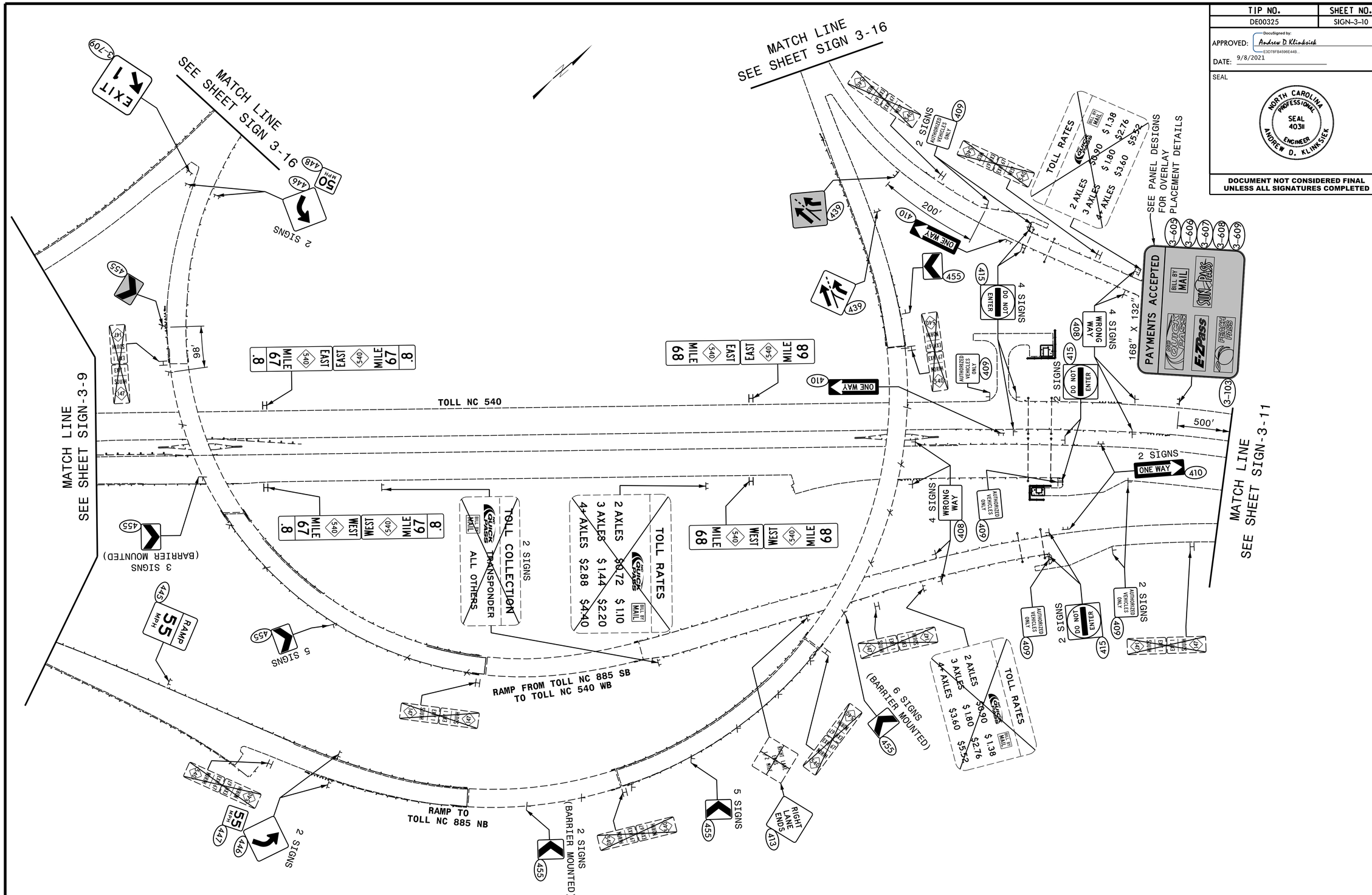

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PROPOSED SIGNING
TOLL NC 540

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-11

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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EXISTING OVERHEAD SIGN ASSEMBLY '3-BB'

EXIT 67 (3-184)

TOLL TO NORTH WEST 885 (INTERSTATE) 40 (INTERSTATE) 885 Triangle Expwy Durham EXIT ONLY (3-18B)

TOLL EAST 540 Triangle Expwy (3-17)

TOLL EXIT 67 (3-711)

.6 MILE 68 EAST 540 MILE 68 .6

TOLL COLLECTION TRANSPONDER ALL OTHERS BILL BY MAIL

TOLL RATES BILL BY MAIL $1.10 $2.20 $4.40 2 AXLES 3 AXLES 4+AXLES $0.72 $1.44 $2.88

.2 MILE 68 EAST 540 MILE 68 .2

72" x 60" EXIT (3-20)

EXIT

204" x 114" 2 AXLE TOLL BILL BY MAIL $1.13 $3.18 $0.74 $2.81 NEXT EXIT (1) (3-104A)

3+ AXLE TOLLS HIGHER (3-104B)

204" x 30"

TOLL COLLECTION TRANSPONDER ALL OTHERS BILL BY MAIL (3-712)

.4 MILE 68 EAST 540 MILE 68 .4

RAMP TO TOLL NC 885 NB

500'

500'

500'

MATCH LINE SIGN-3-10 SEE SHEET

MATCH LINE SEE SHEET SIGN-3-12

TOLL NC 540

.2 MILE 68 WEST 540 MILE 68 .2

.4 MILE 68 WEST 540 MILE 68 .4

.6 MILE 68 WEST 540 MILE 68 .6

.9 MILE 89 EAST 540 MILE 68 .9

.9 MILE 89 WEST 540 MILE 68 .9

RIGHT LANE ENDS (439) (421)

EXISTING OVERHEAD SIGN ASSEMBLY '3-KK'

54 Morrisville 1/2 MILE EXIT ONLY (3-15B)

LANE ENDS (3-16)

EXIT 69 (3-15A)

CUSTOMER SERVICE CENTER EXIT 69 (3-710B)

Cary DOWNTOWN (3-710A)

*TO BE DETERMINED BY CONTRACTOR IN FIELD DURING FIELD VERIFICATION

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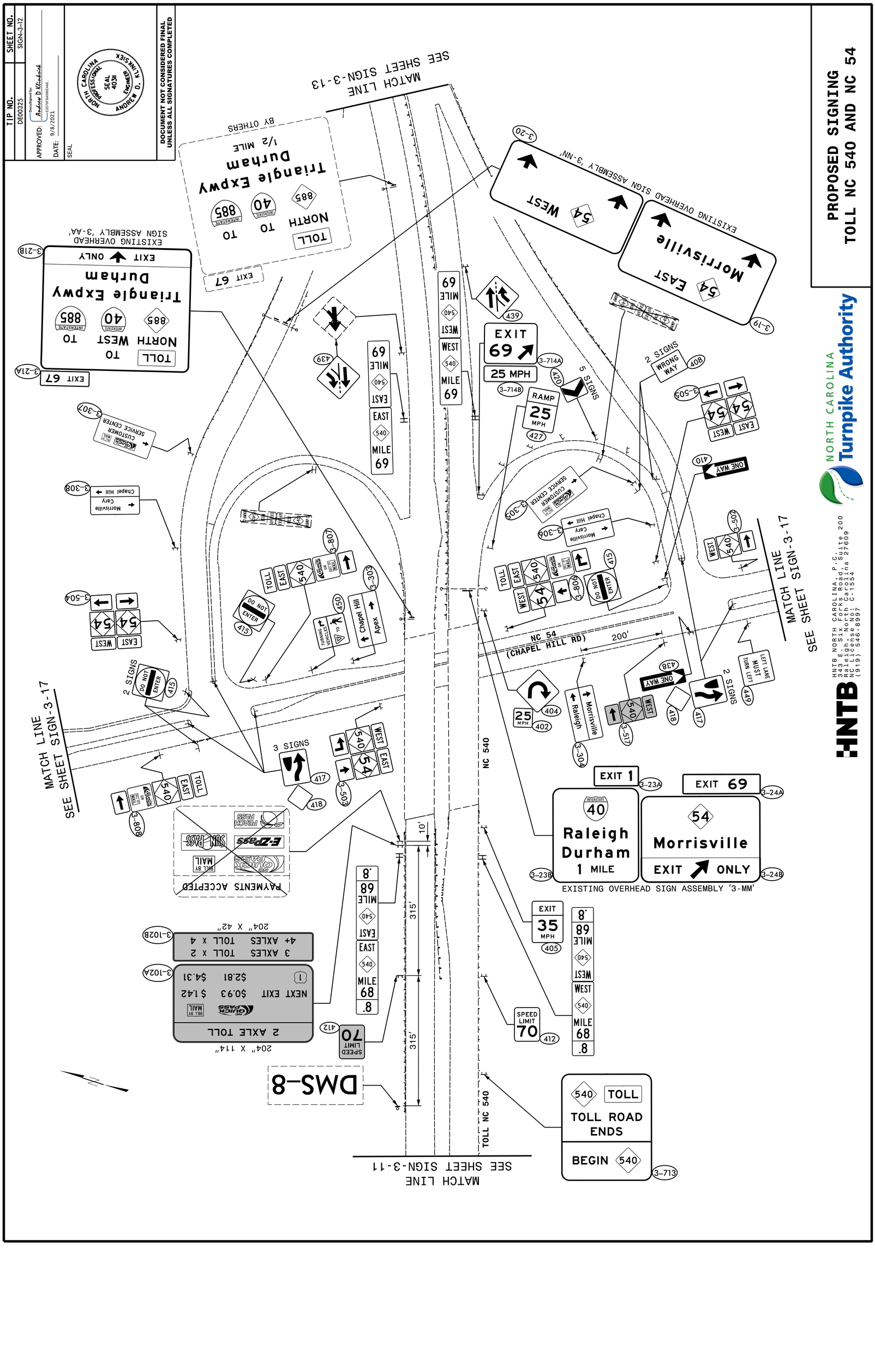
PROPOSED SIGNING TOLL NC 540



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DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-13

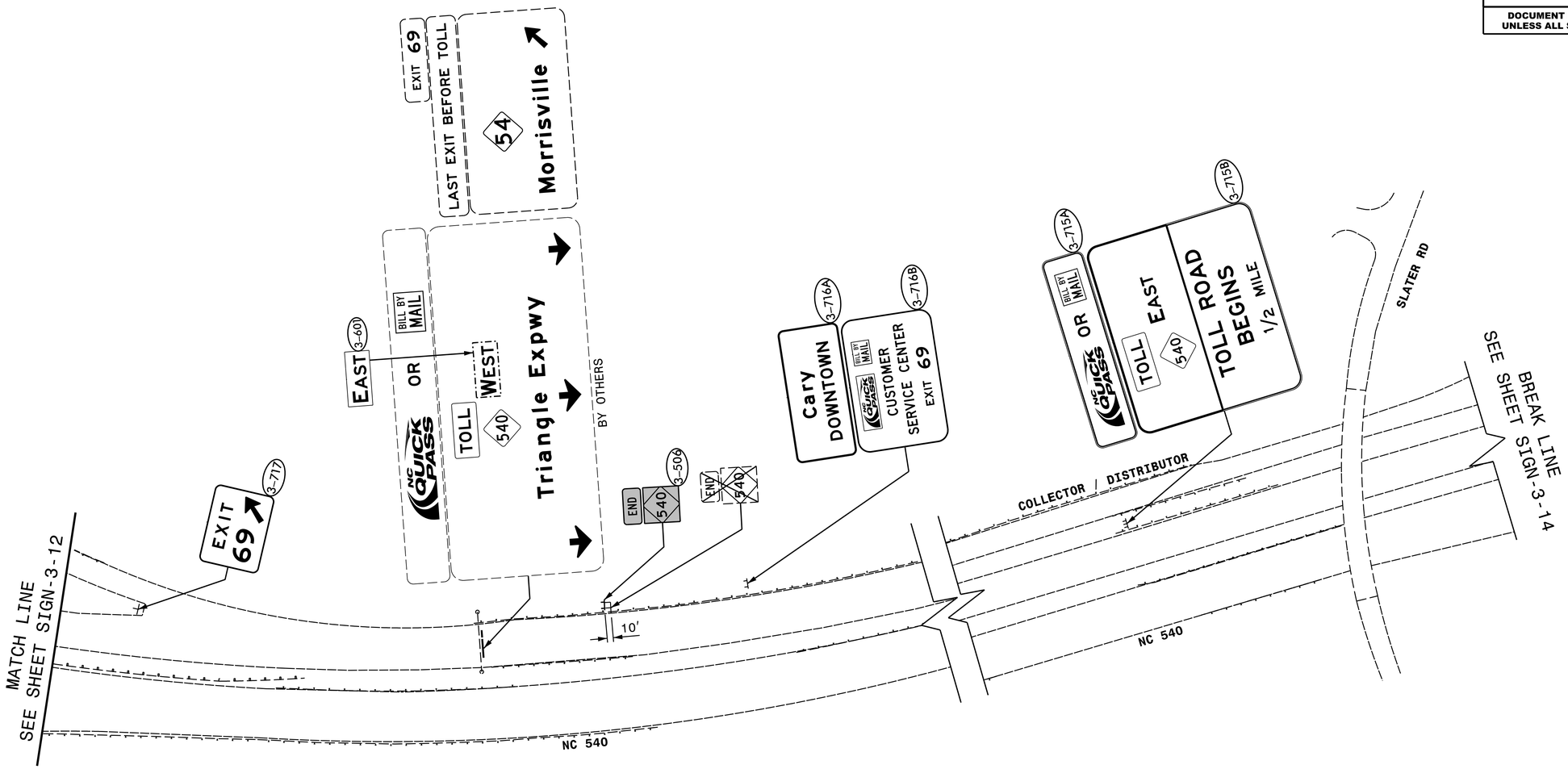
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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PROPOSED SIGNING
NC 540

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-14

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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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MATCH LINE
SEE SHEET SIGN-20

I-40

I-540

BREAK LINE
SEE SHEET SIGN-13

3-719A

NC QUICK PASS OR BILL BY MAIL

TOLL 540 EAST

3-719B

TOLL ROAD BEGINS 1¼ MILES

3-718A

NC QUICK PASS OR BILL BY MAIL

TOLL 540 EAST

3-718B

TOLL ROAD BEGINS 2 MILES

PLEASANT GROVE CHURCH RD

I-540

EXIT 282

Page Rd
1 MILES

EXIT 283 A

3-25A

EAST TOLL 540 540
Triangle Expwy

3-25B

EXISTING OVERHEAD SIGN ASSEMBLY '3-00'

BREAK LINE
SEE SHEET SIGN-21

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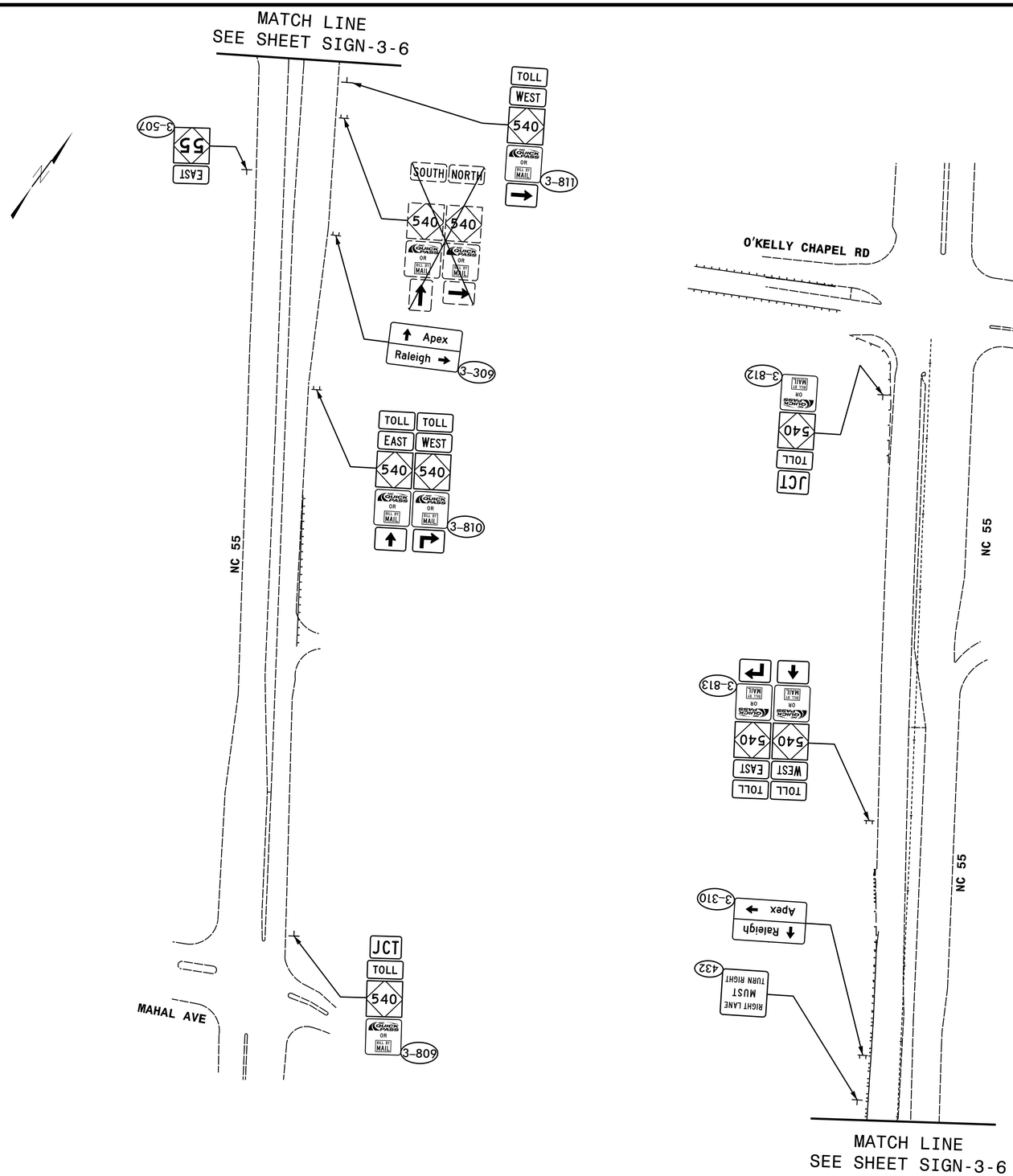
**PROPOSED SIGNING
TOLL NC 540 AND I-40**

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72



TIP NO.	SHEET NO.
DE00325	SIGN-3-15

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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PROPOSED SIGNING
NC 55

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-16

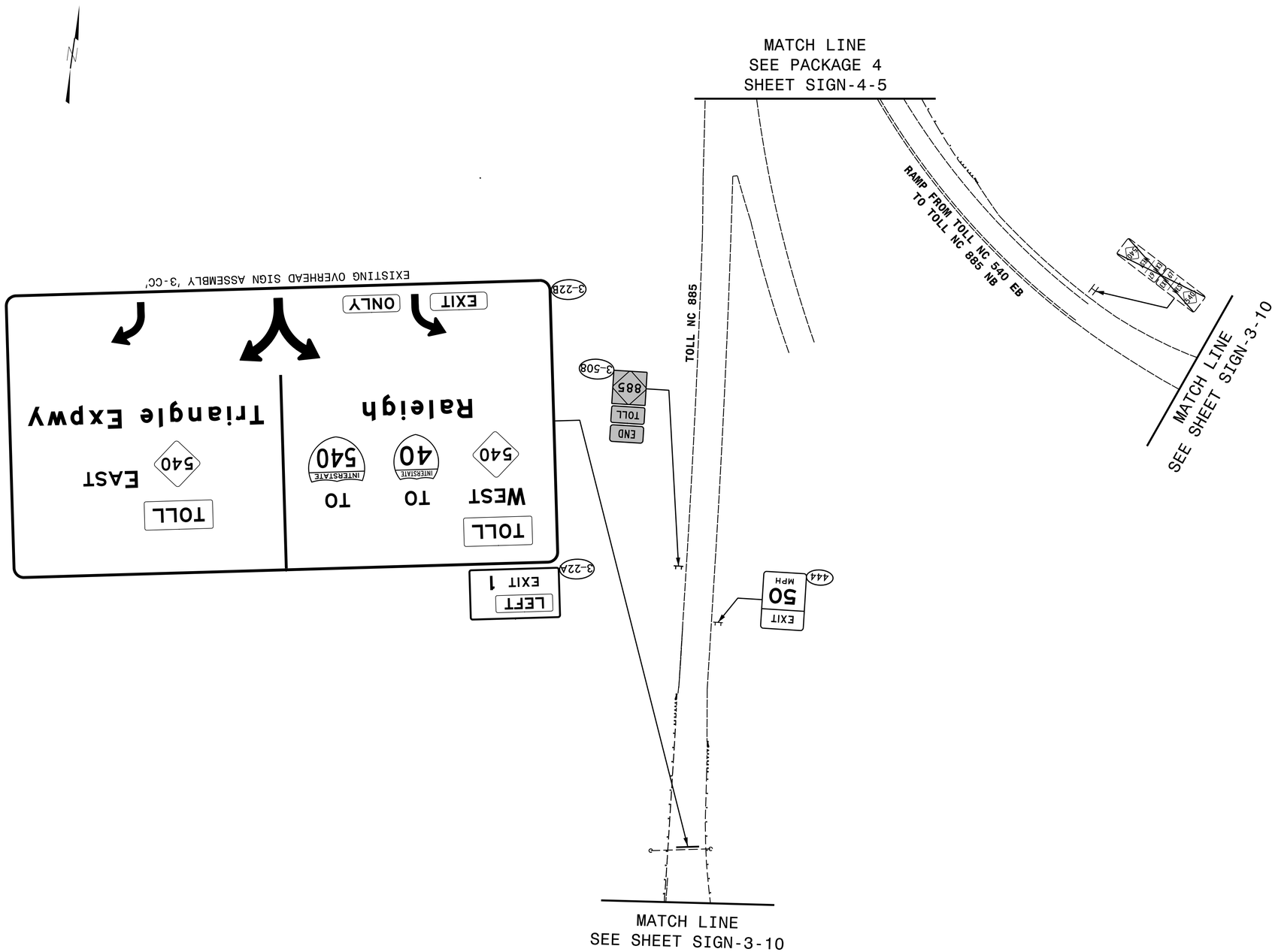
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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PROPOSED SIGNING
TOLL NC 540 / TOLL NC 885

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-17

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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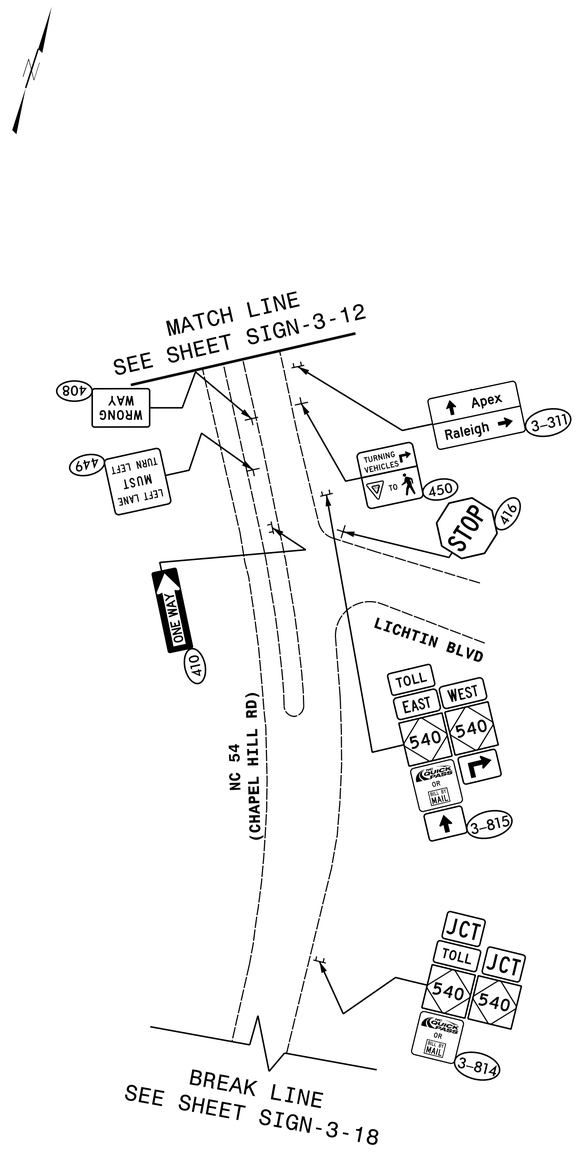

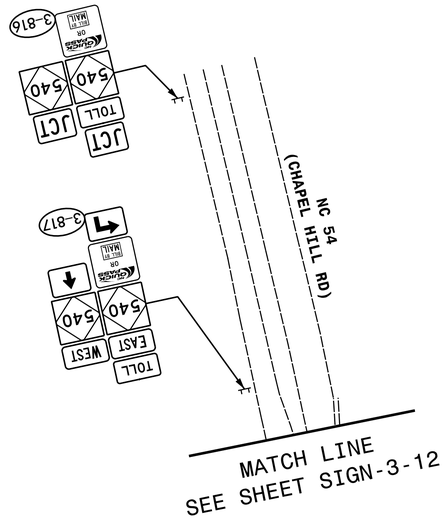

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PROPOSED SIGNING
NC 54 (CHAPEL HILL RD)

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-18

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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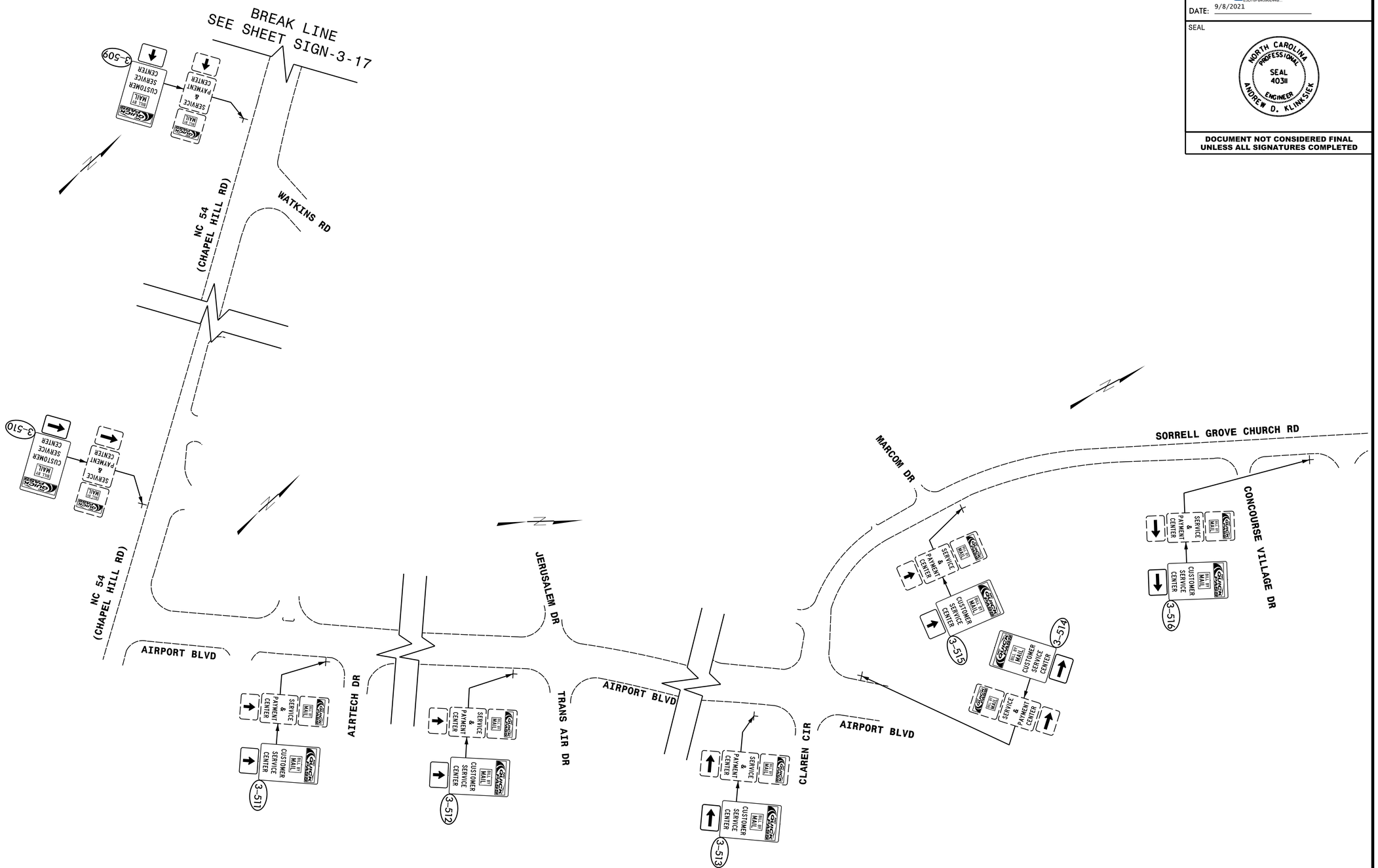

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Raleigh, North Carolina 27609
NC License No: C-1554
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PROPOSED SIGNING NC 54 (CHAPEL HILL RD), AIRPORT BLVD, AND SORRELL GROVE CHURCH RD

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-19

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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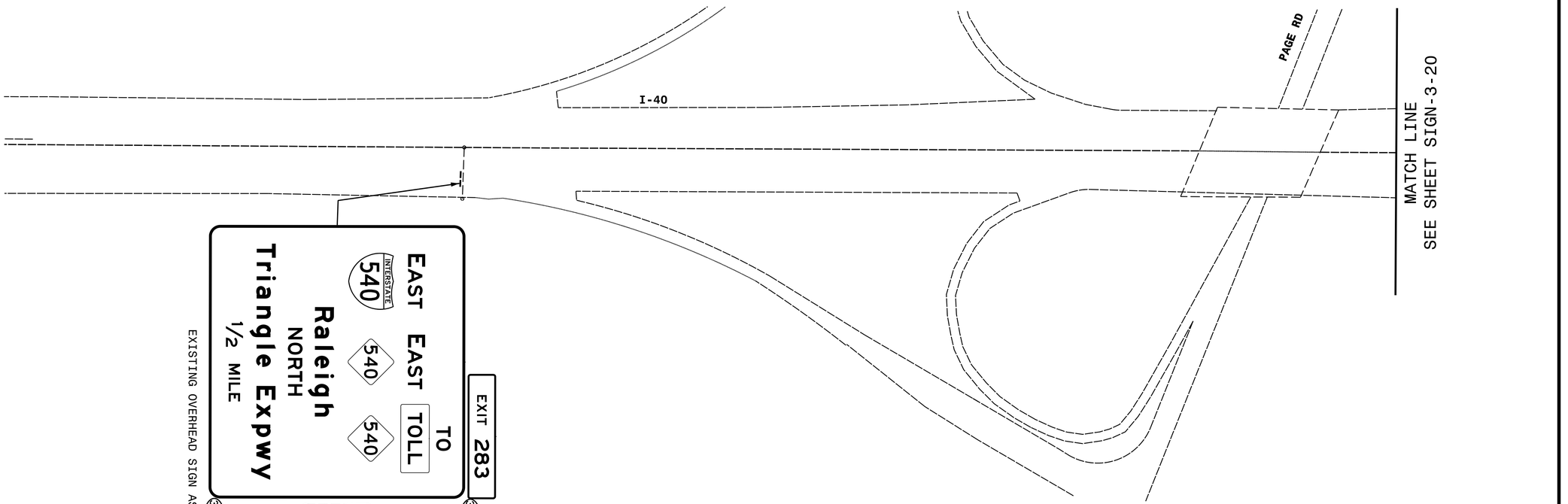

EAST EAST TO
540 INTERSTATE
540 TOLL
Raleigh NORTH
Triangle Expwy
1/2 MILE
EXIT 283
3-26A
Page Rd
EXIT ↗ ONLY
EXIT 282
3-26B

EXISTING OVERHEAD SIGN ASSEMBLY '3-PP'

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Raleigh, North Carolina 27609
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PROPOSED SIGNING
I-40 EB

DocuSign Envelope ID: 32F5F1F9-EF99-488E-A42E-FE7577BC4C72

TIP NO.	SHEET NO.
DE00325	SIGN-3-20

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FBA4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCH LINE
SEE SHEET SIGN-3-19

I-40

MATCH LINE
SEE SHEET SIGN-3-14

EXISTING OVERHEAD SIGN ASSEMBLY '3-QQ'

EAST EAST TO
INTERSTATE 540
Raleigh NORTH
Triangle Expwy
EXIT ONLY

EXIT 283
(3-27A)

(3-27B)

NC QUICK PASS OR BILL BY MAIL
(3-720A)

TO 540 TOLL
Triangle Expwy
EXIT 283
(3-720B)

Airport Blvd
RDU Airport
1½ MILES

EXIT 284

EXISTING OVERHEAD SIGN ASSEMBLY '3-RR'

EAST EAST TO TOLL
INTERSTATE 540
540 540
Raleigh NORTH
Triangle Expwy
EXIT ONLY

EXIT 283
(3-28A)

(3-28B)

(3-29)

INTERSTATE 540 EAST
Raleigh NORTH

EXISTING OVERHEAD SIGN ASSEMBLY '3-SS'

EAST TO TOLL
540 540
Triangle Expwy

(3-30)

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**PROPOSED SIGNING
I-40 EB**

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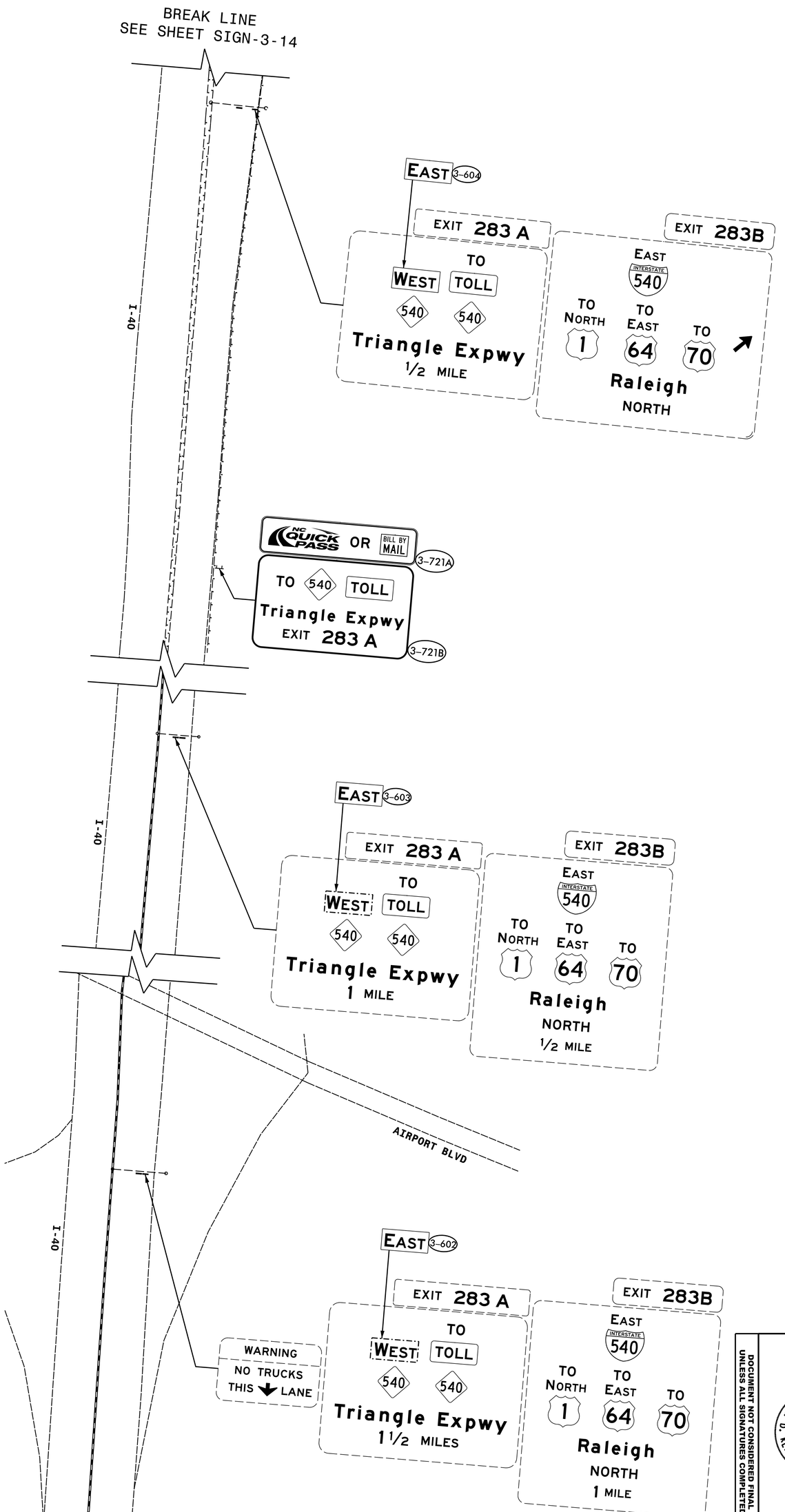

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PROPOSED SIGNING
I-40 WB

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 40311 ANDREW D. KLINKSIEK

APPROVED: Andrew D. Klinksiek
DATE: 9/8/2023
SEAL

T.I.P. NO.	SHEET NO.
DE00325	SIGN-3-21

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E

TIP NO.	SHEET NO.
DE00325	SIGN-4-1

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB45966E44B...

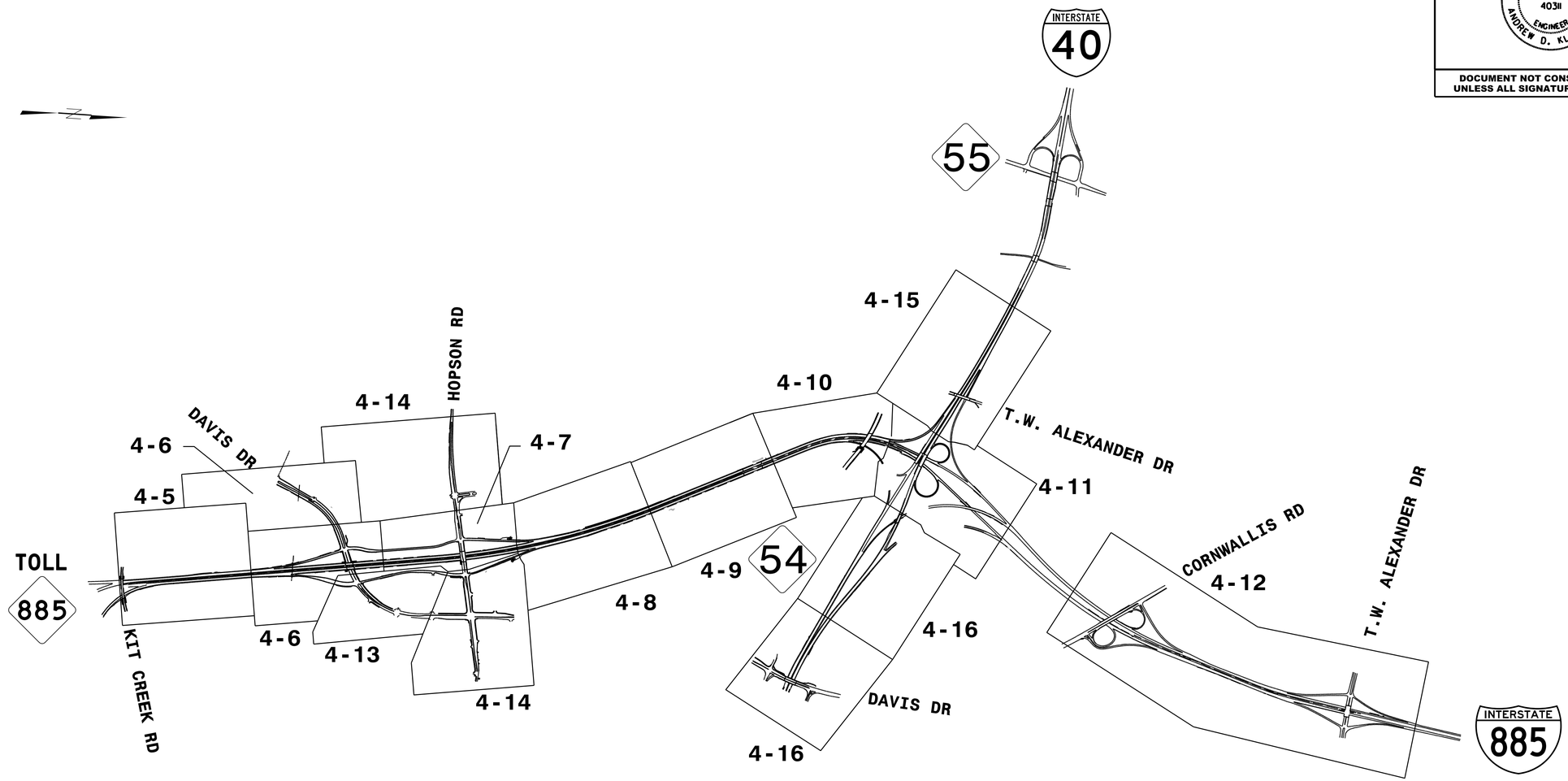
DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TRIANGLE EXPRESSWAY SIGN REPLACEMENT PACKAGE 4



INDEX

SHEET NO.	DESCRIPTION
SIGN-4-1	KEY SHEET & SHEET INDEX
SIGN-4-2 THRU 4-2A	SUPPORT INFORMATION
SIGN-4-3 THRU 4-3E	EXISTING OVERHEAD ASSEMBLIES
SIGN-4-4 THRU 4-4T	SIGN DESIGNS
SIGN-4-4U	ROUTE MARKER ASSEMBLIES
SIGN-4-5 THRU 4-16	SIGNING PLAN SHEETS

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NORTH CAROLINA Turnpike Authority

KEY SHEET & SHEET INDEX

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TIP NO.	SHEET NO.
DE00325	SIGN–4–2

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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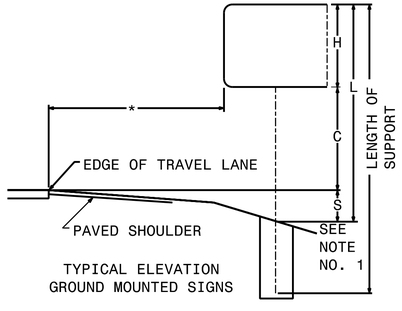
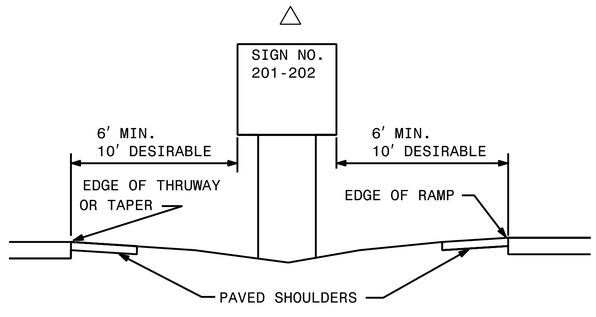
Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
		SIZE (in.)												SNS HT	MTG HT	EMBED-										B/A	SIMPLE	DIAMETER	DEPTH	REINFORCED	PLAIN	
NUMBER	TYPE	w	x	h										"H"	"C"	MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	(lbs.)	(lbs.)	(ft.)	(ft.)	(c.y.)	(c.y.)	
4-101A 4-101B	A A	204 204	x x	114 30	TOLL NC 885 SB	2	W6x16	BA	N/A	N/A N/A	N/A II	25.00	9.96	12.00	7.00	4.5	0.90	19.90	24.40	0.00	0.00	0.00	1.20	20.20	24.70	879.60	0	1.5	5	0.65	0.00	_____
4-102A 4-102B	A A	204 204	x x	114 42	TOLL NC 885 SB	2	W8x18	BA	N/A	N/A N/A	N/A II	25.00	9.96	13.00	9.40	4.5	-0.50	21.90	26.40	0.00	0.00	0.00	-2.40	20.00	24.50	1056.20	0	2.0	5	1.16	0.00	_____
4-103	A	168	x	132	TOLL NC 885 SB	2	W6x16	BA	N/A	N/A	N/A	30.00	8.20	11.00	10.10	4.5	-0.70	20.40	24.90	0.00	0.00	0.00	-3.10	18.00	22.50	852.40	0	1.5	5	0.65	0.00	_____
4-201A 4-201B	A B	126 126	x x	84 24	I-40 WB	2	W6x12	BA	YES	N/A N/A	N/A II	0.00	6.15	9.00	7.00	0.0	2.00	18.00	18.00	0.00	0.00	0.00	2.00	18.00	18.00	432.00	0	1.5	4	0.52	0.00	_____
4-202A 4-202B	A B	90 90	x x	60 24	I-885 NB	2	S4x7.7	BA	YES	N/A N/A	N/A II	0.00	4.40	7.00	7.00	0.0	2.00	16.00	16.00	0.00	0.00	0.00	2.00	16.00	16.00	246.40	0	1.5	3	0.39	0.00	_____
																										TOTAL 3466.60	TOTAL 0.00			TOTAL 3.39	TOTAL 0.00	
																										USE: 3467.00	 0.00			 4.00	 0.00	



TYPICAL ELEVATION
GROUND MOUNTED SIGNS



NOTES:

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.

2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL PROPOSED SUPPORTS, SEE (*) ARTICLE 903-3. ABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-2A

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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Version: 3.1 Posted: 6/2/2017

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	SUPPORT SPACING
		SIZE (in.)										
NUMBER	TYPE	w	x	h								
4-701	A	216	x	60	TOLL NC 885 NB	2	W6x9	BA	N/A	N/A	N/A	10.60
4-702	A	72	x	60	TOLL NC 885 NB	2	S4x7.7	BA	YES	N/A	N/A	3.50
4-703A 4-703B	A A	168 168	x x	30 84	Davis Dr SB	2	W8x21	S	N/A	II N/A	N/A N/A	8.30
4-704A 4-704B	A A	168 168	x x	30 96	Davis Dr NB	2	W6x16	BA	N/A	II N/A	N/A N/A	8.10
4-705A 4-705B	A A	180 180	x x	72 24	Hopson Rd On-Ramp	2	W6x12	BA	N/A	N/A N/A	N/A II	7.60
4-706	A	72	x	60	TOLL NC 885 SB	2	S4x7.7	BA	YES	N/A	N/A	3.50
4-707A 4-707B	A A	168 168	x x	30 84	Hopson Rd WB	2	W6x16	BA	N/A	II N/A	N/A N/A	8.10
4-708A 4-708B	A A	168 168	x x	30 96	Hopson Rd EB	2	W6x16	BA	N/A	II N/A	N/A N/A	8.30
4-709	A	168	x	78	TOLL NC 885 SB	2	W10x28	BA	N/A	N/A	N/A	8.20
4-710	A	180	x	60	TOLL NC 885 NB	2	W6x9	BA	N/A	N/A	N/A	8.70
4-711	A	84	x	60	TOLL NC 885 NB	2	S4x7.7	BA	YES	N/A	N/A	4.10
4-712	A	132	x	156	TOLL NC 885 NB	2	W8x18	BA	N/A	N/A	N/A	7.60
4-713	A	126	x	84	I-40 EB	2	W6x9	BA	YES	N/A	N/A	5.10
4-714A 4-714B	A A	192 192	x x	42 168	I-885 SB	3	W8x21	S	N/A	II N/A	N/A N/A	5.70
4-715A 4-715B	A A	192 192	x x	42 168	I-885 SB	3	W8x21	S	N/A	II N/A	N/A N/A	5.60/5.70
4-716A 4-716B	B A	114 162	x x	30 108	I-885 SB	2	W6x16	BA	N/A	1-R N/A	N/A N/A	8.80

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TYPE A AND TYPE B GROUND MOUNTED SIGNS

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PROJECT	SHEET NO.
DE00325	SIGN–4–3

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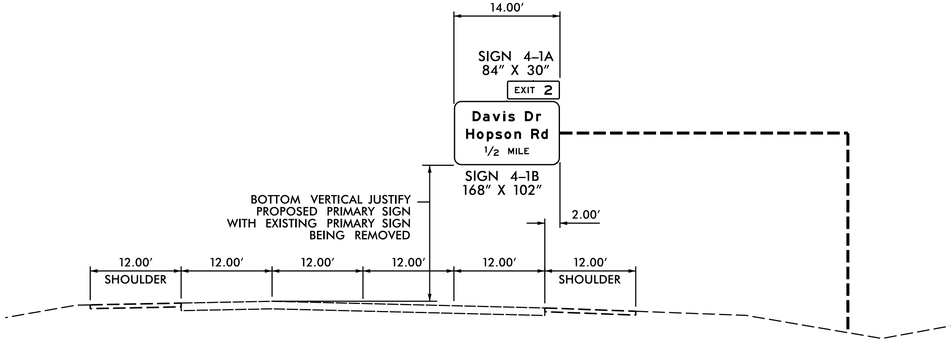
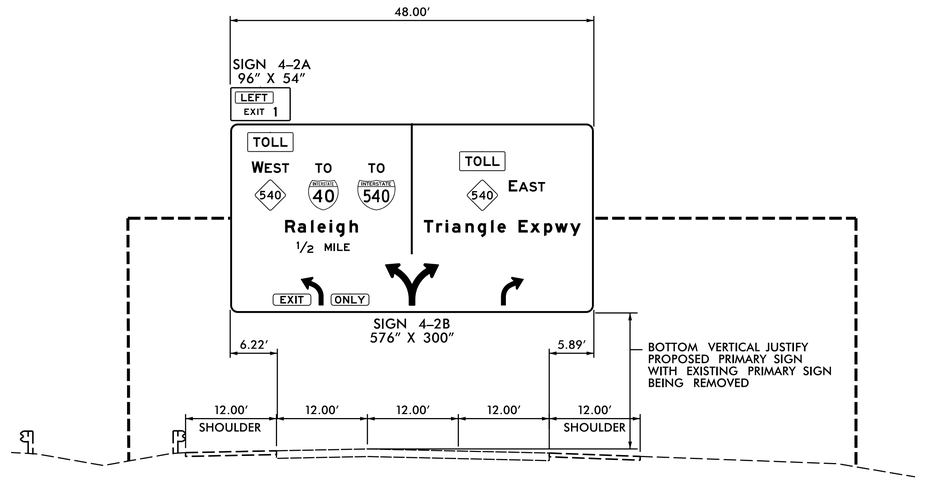


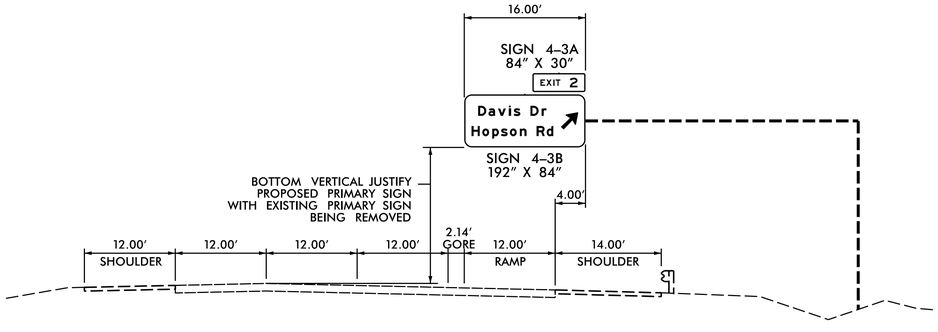
TOLL NC 885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–AA'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'R'



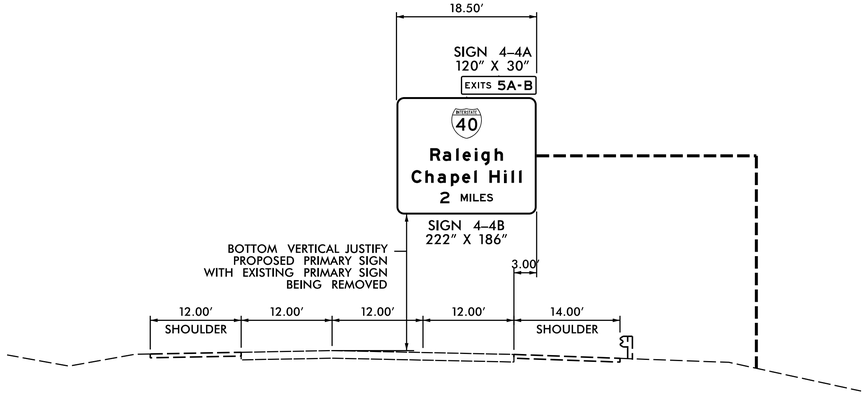
TOLL NC 885 SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–BB'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'Q'



TOLL NC 885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–CC'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'P'



TOLL NC 885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–DD'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'O'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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EXISTING OVERHEAD SIGN ASSEMBLIES '4-AA', '4-BB', '4-CC' AND '4-DD'

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PROJECT	SHEET NO.
DE00325	SIGN-4-3A

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

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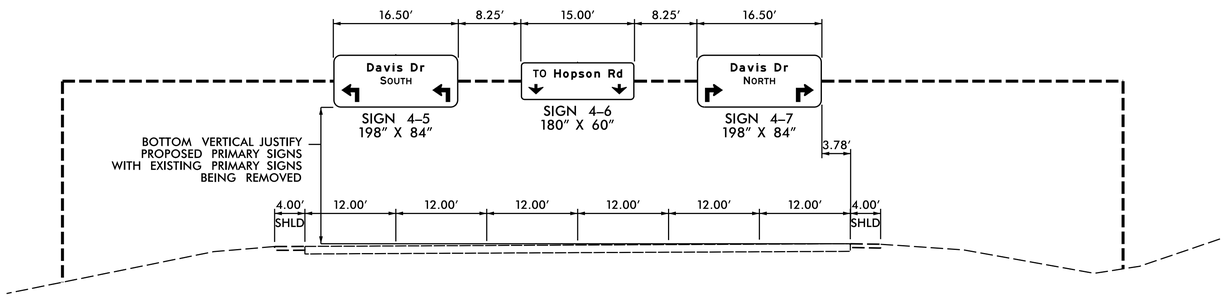
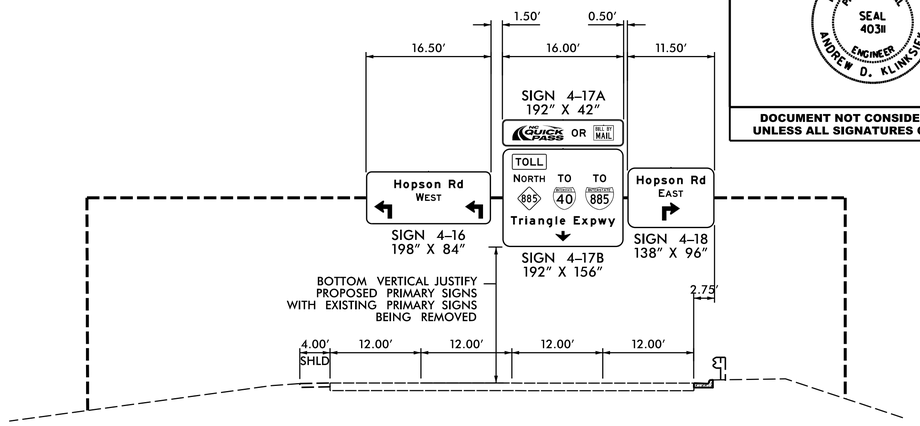


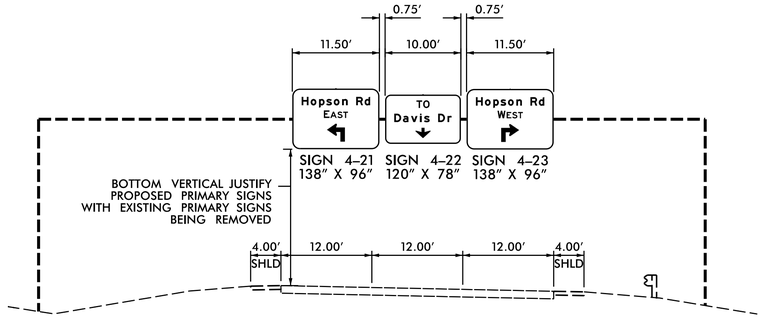
TOLL NC 885 NB RAMP
EXISTING OVERHEAD SIGN ASSEMBLY '4–EE'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'N'



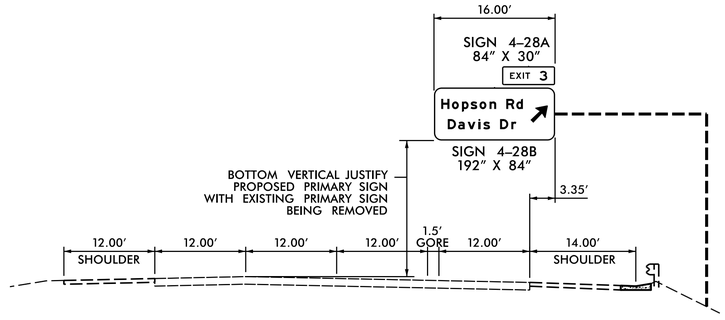
TOLL NC 885 NB SERVICE ROAD
EXISTING OVERHEAD SIGN ASSEMBLY '4–FF'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'H'



RAMP TO HOPSON RD
EXISTING OVERHEAD SIGN ASSEMBLY '4–GG'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'F'



TOLL NC 885 SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–HH'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'E'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '4-EE', '4-FF', '4-GG' AND '4-HH'

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PROJECT	SHEET NO.
DE00325	SIGN–4–3B

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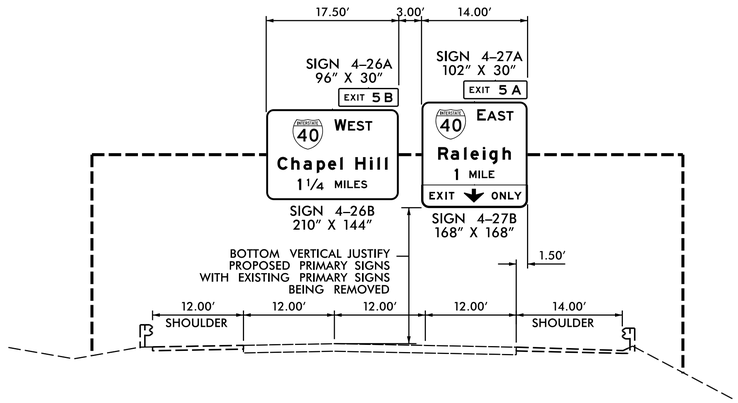
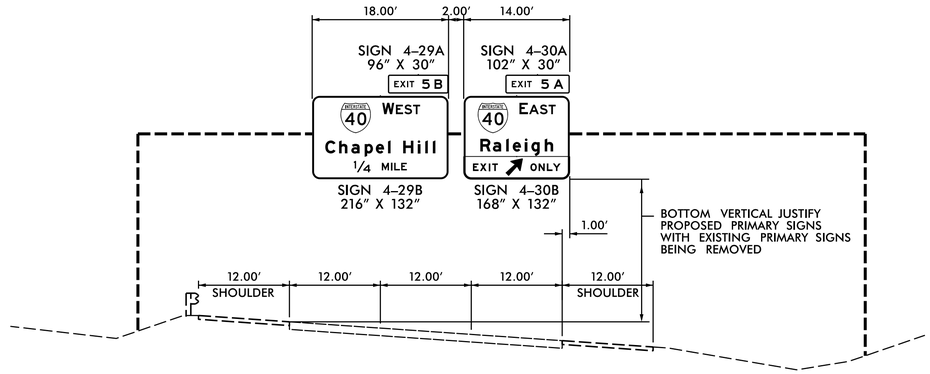


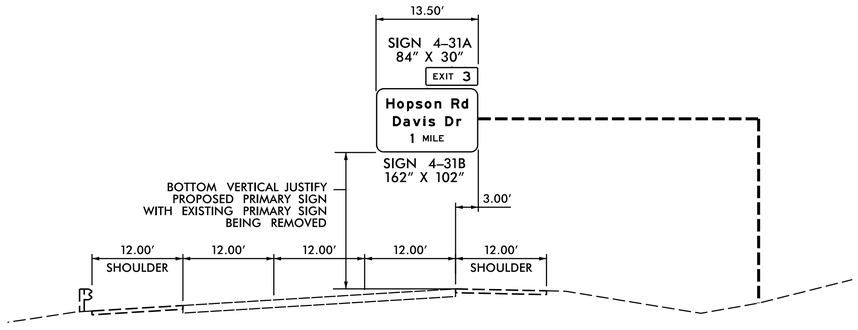
TOLL NC 885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–II'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'D'



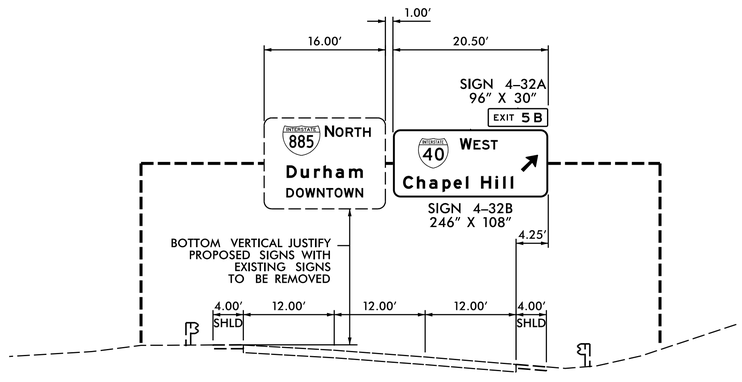
TOLL NC 885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–JJ'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'B'



TOLL NC 885 SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–KK'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'C'



I–885 NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–LL'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'A'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '4-II', '4-JJ', '4-KK' AND '4-LL'

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PROJECT	SHEET NO.
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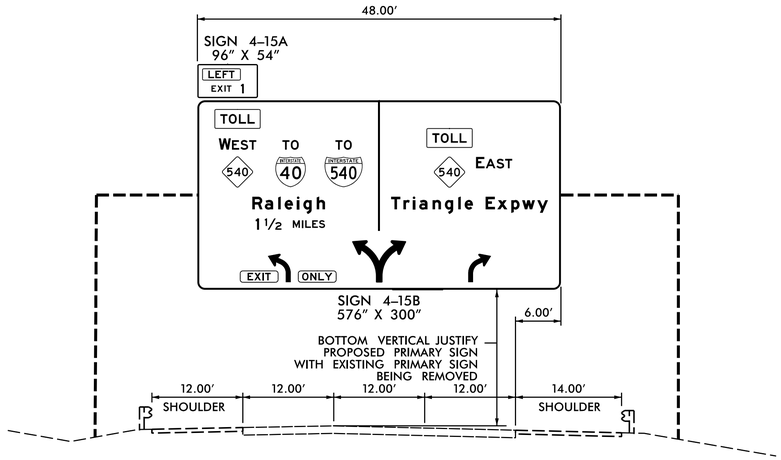
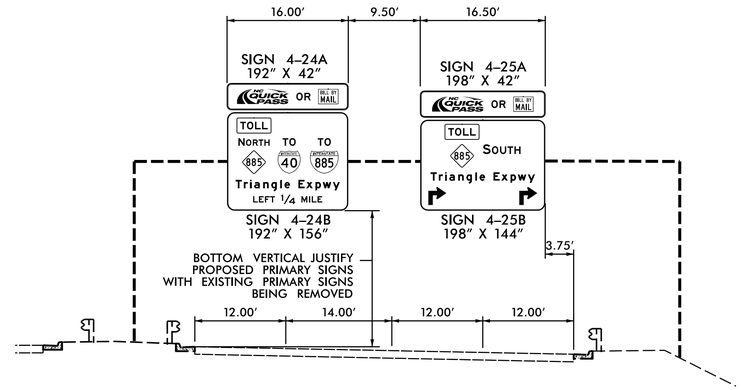


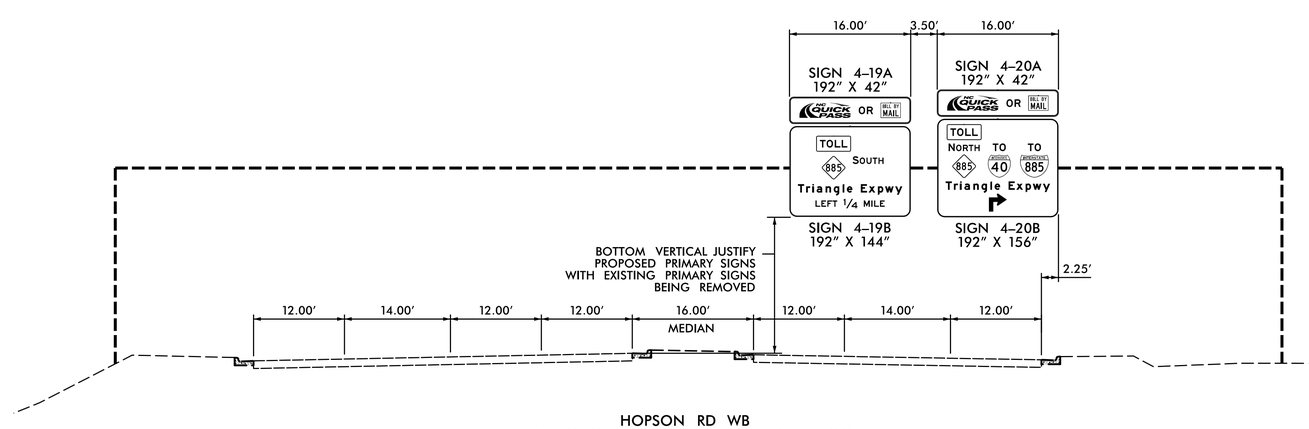
TOLL NC 885 SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–MM'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'G'



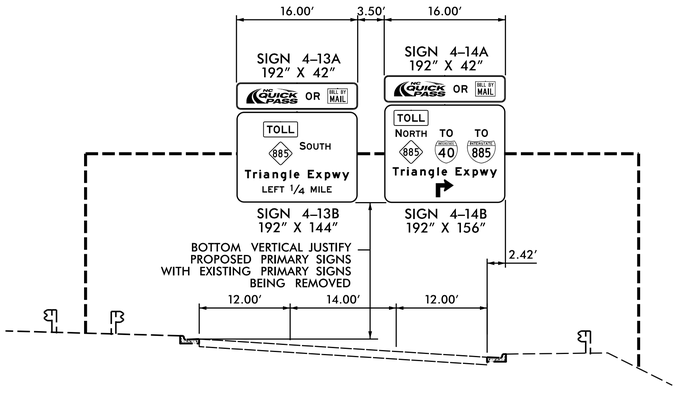
HOPSON RD EB
EXISTING OVERHEAD SIGN ASSEMBLY '4–NN'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'I'



HOPSON RD WB
EXISTING OVERHEAD SIGN ASSEMBLY '4–OO'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'J'



DAVIS DR SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–PP'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'K'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
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EXISTING OVERHEAD SIGN ASSEMBLIES '4-MM', '4-NN', '4-OO' AND '4-PP'

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PROJECT	SHEET NO.
DE00325	SIGN–4–3D

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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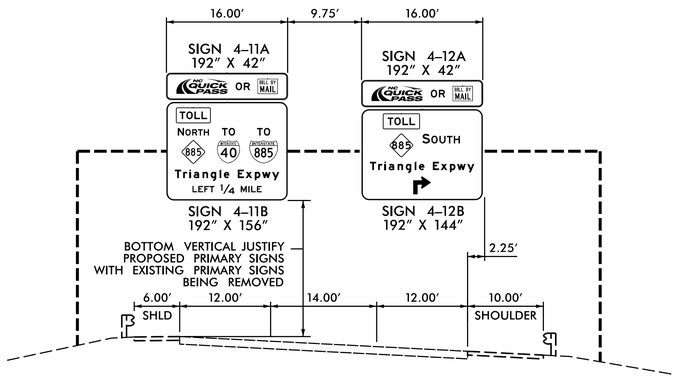
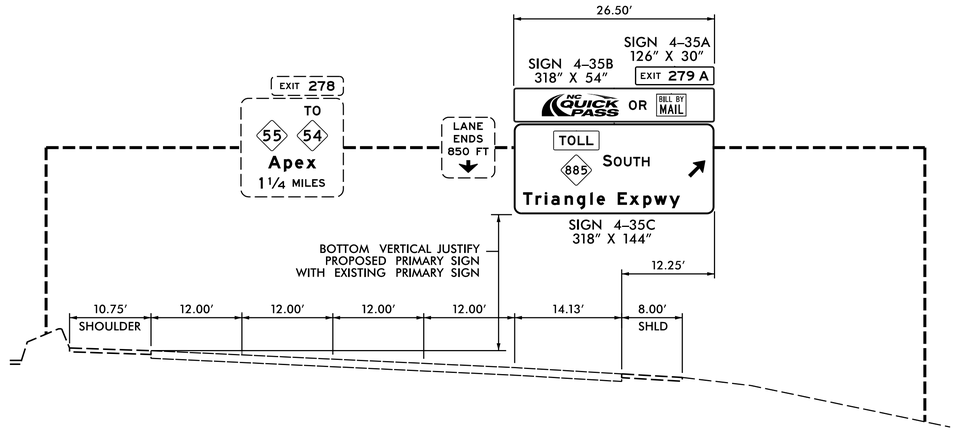


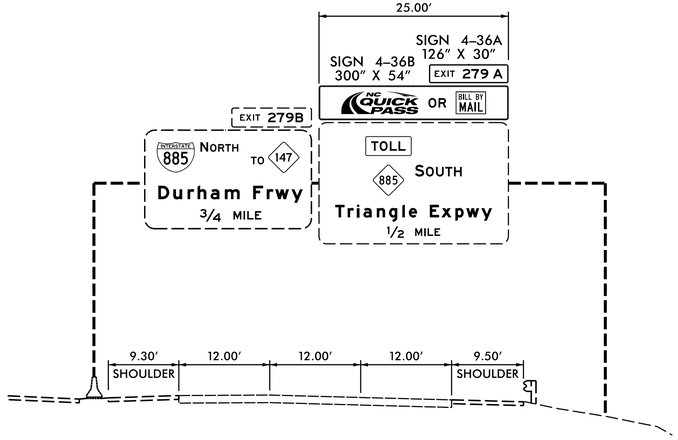
DAVIS DR NB
EXISTING OVERHEAD SIGN ASSEMBLY '4–QQ'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'M'



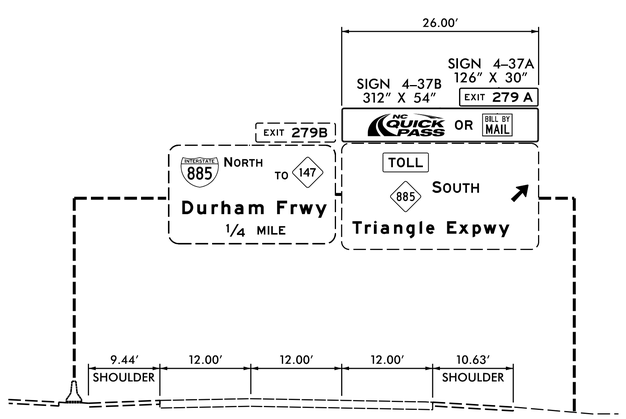
I–40 WB
EXISTING OVERHEAD SIGN ASSEMBLY '4–RR'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'E'



I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '4–SS'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'G'



I–40 EB
EXISTING OVERHEAD SIGN ASSEMBLY '4–TT'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'H'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

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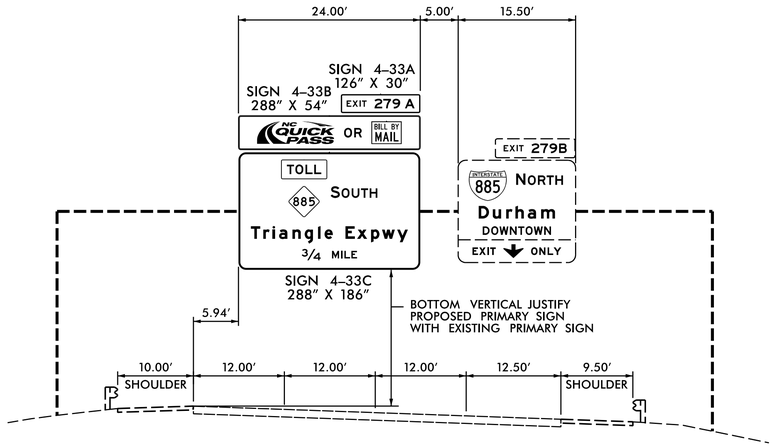
NORTH CAROLINA Turnpike Authority

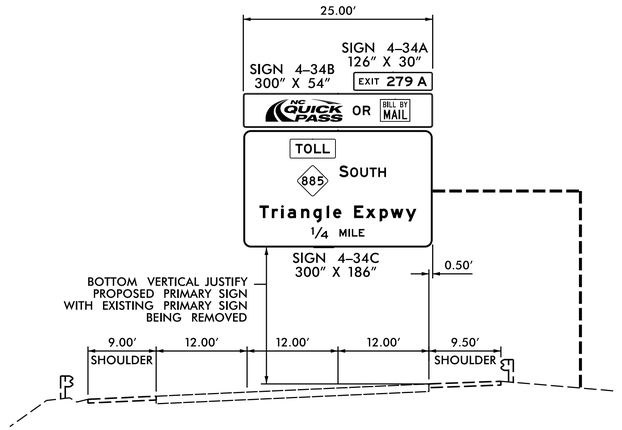
EXISTING OVERHEAD SIGN ASSEMBLIES '4-QQ', '4-RR', '4-SS' AND '4-TT'

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E



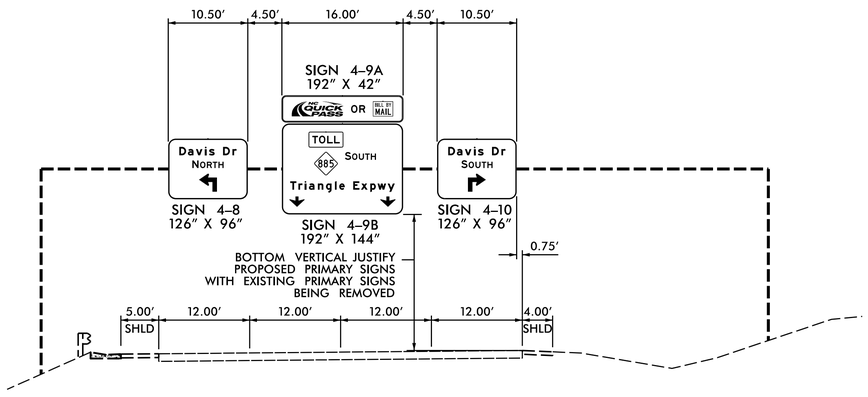
I–40 WB
EXISTING OVERHEAD SIGN ASSEMBLY '4–UU'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'Q'



I–40 WB
EXISTING OVERHEAD SIGN ASSEMBLY '4–VV'

ASSEMBLY INSTALLED UNDER U-4763B OFFSITE OVERHEAD SIGN ASSEMBLY 'R'



TOLL NC 885 SERVICE ROAD SB
EXISTING OVERHEAD SIGN ASSEMBLY '4–WW'

ASSEMBLY INSTALLED UNDER U-4763B ONSITE OVERHEAD SIGN ASSEMBLY 'L'

NOTES:

1. SEE STANDARD 904–3(B)(3) FOR REQUIREMENTS OF NEW STRUCTURAL MEMBERS, MOUNTING HARDWARE FOR NEW SIGNS, SHOP DRAWINGS, BRACING AND ACCESSORY HARDWARE FOR ATTACHMENTS.
2. SEE NCDOT STANDARD SPECIFICATIONS, SECTION 1076–6 FOR REPAIR OF GALVANIZING.
3. MINIMUM VERTICAL CLEARANCE FOR OVERHEAD SIGN PANELS AND SUPPORT STRUCTURES IS 17′.
4. FOR SIGNS MOUNTED ON PEDESTAL STRUCTURES, HORIZONTALLY CENTER THE PRIMARY SIGN ON THE STRUCTURE.

PROJECT	SHEET NO.
DE00325	SIGN–4–3E

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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NORTH CAROLINA Turnpike Authority

EXISTING OVERHEAD SIGN ASSEMBLIES '4-UU', '4-VV' AND '4-WW'

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-1A, 4-3A
TYPE: B (OVHD)
QUANTITY: 2
SIGN WIDTH: 7'-0"
HEIGHT: 2'-6"
TOTAL AREA: 17.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 76.0

BACKG COLOR: Green
COPY COLOR: White

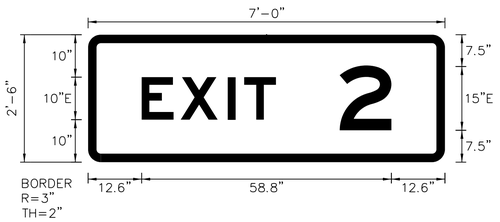
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		E	X	I	T																											E 2000
	12.6	9.2	11.1	3.8	7.5	39.8																										31.6
		2																														E 2000
	59.2	12.2	12.6																													12.2

SIGN NUMBER: 4-1B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 8'-6"
TOTAL AREA: 119.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

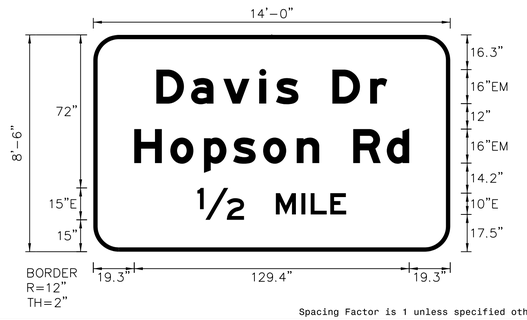
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		D	o	v	i	s		D	r																							EM 2000
	29.7	16.3	15.2	17	7.8	10.6	16	17.8	8	29.7																						108.6
		H	o	p	s	o	n		R	d																						EM 2000
	19.3	17	15.8	13.8	14.1	15.8	10.6	16	15.8	10.6	19.3																					129.4
		1/2		M	I	L	E																									E 2000
	49	22	15	12	4.4	9.2	7.5	49																								70.1

SIGN NUMBER: 4-2A, 4-15A
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 4'-6"
TOTAL AREA: 36.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

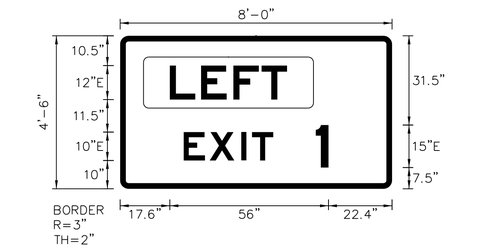
SYMBOL	X	Y	WID	HT
LEFT	8.3	28.5	60	18

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "LEFT" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
4. Use Attachment Method 1-L.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		L	E	F	T																											E 2000
	17.6	11	11.4	10	9	37																										41.4
		E	X	I	T																											E 2000
	22.4	9.2	11.1	3.8	7.5	41.9																										31.6
		1																														E 2000
	69.1	4.5	22.4																													4.5

SIGN NUMBER: 4-2B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 48'-0"
HEIGHT: 25'-0"
TOTAL AREA: 1200.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 7
LENGTH: 568.0

BACKG COLOR: Green
COPY COLOR: White

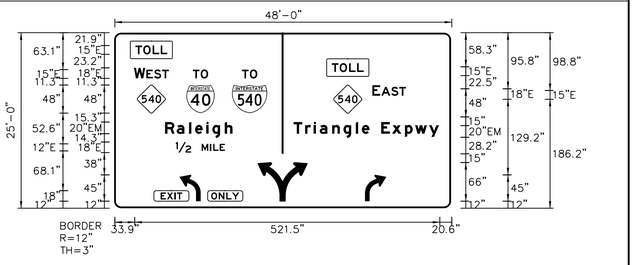
SYMBOL	X	Y	WID	HT
NC363B	39.6	162.6	48	48
M1_1	123.6	162.6	48	48
M1_1	201.6	162.6	60	48
NC363B	375.4	156.2	48	48
E11-1a	67.9	11.9	60	18
Left	111.7	12	36.2	45
E11-1b	159.9	11.9	60	18
Left Right Split	245.6	12	84.8	66
Right	429	12	36.2	45
EXIT	58.6	12	54	18
ONLY	150.6	12	54	18
VERTICAL BAR	286.3	93	3	207
TOLL	27.6	255.6	72	30
TOLL	363.2	219.2	72	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panels shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		T	O	L	L																											E 2000
	36.4	13.3	16.1	13.8	11.3	485.1																										54.5
		T	O	L	L																											E 2000
	372.2	13.3	16.1	13.8	11.3	49.3																										54.5
		W		E	S	T																										E 2000
	33.9	19.1	1.9	13.4	13.8	11.3	482.7																									59.4
		T	O																													E 2000
	134.7	13.4	12.6	415.4																												26
		T	O																													E 2000
	218.7	13.3	12.6	331.4																												26
		E		A	S	T																										E 2000
	441.4	13.5	1.9	17	13.8	11.3	77.2																									57.4
		R	o	i	e	i	g	h																								EM 2000
	87.1	19.8	21.2	10.2	19.4	10.2	21.2	13.2	373.7																							115.2
		T	r	i	a	n	g	l	e		E	x	p	w	y																	EM 2000
	306.8	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	20.6																248.6
		1/2		M	I	L	E																									E 2000
	294.4	26.4	18	14.4	18	14.4	5.3	11	516.7																							109.9

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4A

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-3B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 7'-0"
TOTAL AREA: 112.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 2
LENGTH: 184.0

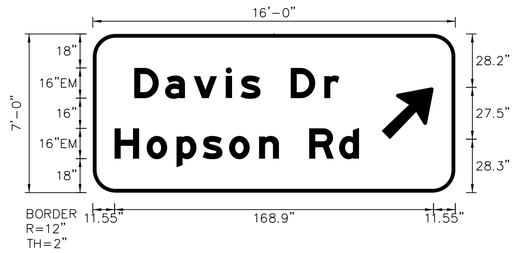
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	153	28.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		D	a	v	i	s		D	r																				EM 2000
	21.9	16.3	15.2	17	7.8	10.6	16	17.8	8	61.4																			108.6
		H	o	p	s	o	n		R	d																			EM 2000
	11.5	17	15.8	13.8	14.1	15.8	10.6	16	15.8	10.6	51																		129.4

SIGN NUMBER: 4-4A
TYPE: B (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 112.0

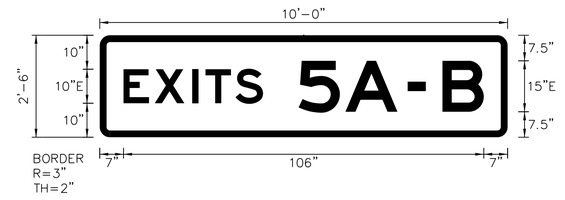
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXITS" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T	S																							E 2000
	7	9.2	11.1	3.8	8.8	8.1	72																						41
		5	A		–		B																						E 2000
	58.5	13.8	15.3	3	5.3	5	12.2	7																					54.5

SIGN NUMBER: 4-4B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-6"
HEIGHT: 15'-6"
TOTAL AREA: 286.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 214.0

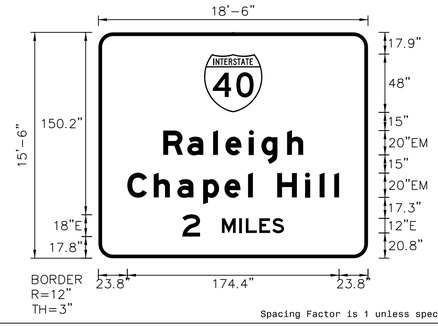
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	87	120.1	48	48

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		R	a	l	e	i	g	h																					EM 2000
	53.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	53.4																				115.2
		C	h	o	p	e	l		H	i	l	l																	EM 2000
	23.8	21.8	19.4	21.2	17.6	19.4	4	20	23	12	12	4	23.8																174.4
		2		M	I	L	E	S																					E 2000
	69.2	14.6	18	14.4	5.3	11	10.7	9.7	69.2																				83.7

SIGN NUMBER: 4-5
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-6"
HEIGHT: 7'-0"
TOTAL AREA: 115.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 2
LENGTH: 190.0

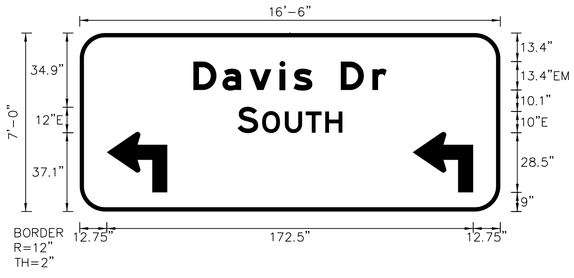
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Left 90 Turn Arrow	12.8	9	28.5	28.5
Left 90 Turn Arrow	156.8	9	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		D	a	v	i	s		D	r																				EM 2000
	53.5	13.7	12.7	14.2	6.6	8.8	13.4	14.9	6.7	53.5																			91
		S		O	U	T	H																						E 2000
	74.3	9.7	1.8	10.7	9.8	9.2	8.1	74.3																					49.4

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4B

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-6
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 15'-0"
HEIGHT: 5'-0"
TOTAL AREA: 75.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"
NO. Z BARS: 2
LENGTH: 172.0

BACKG COLOR: Green
COPY COLOR: White

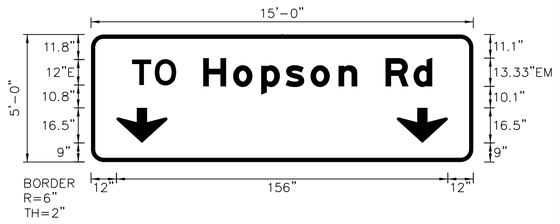
SYMBOL	X	Y	WID	HT
Type C Arrow	12	9	24	16.5
Type C Arrow	144	9	24	16.5

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O																											Series/Size Text Length
	19.4	10.7	10.1	139.9																										E 2000 20.8
		H	o	p	s	o	n		R	d																				
	52.8	14.1	13.2	11.5	11.7	13.2	8.8	13.3	13.2	8.8	19.3																			EM 2000 107.8

SIGN NUMBER: 4-7
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-6"
HEIGHT: 7'-0"
TOTAL AREA: 115.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 2
LENGTH: 190.0

BACKG COLOR: Green
COPY COLOR: White

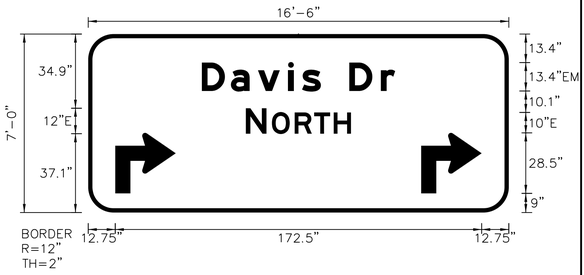
SYMBOL	X	Y	WID	HT
Right 90 Turn Arrow	12.8	9	28.5	28.5
Right 90 Turn Arrow	156.8	9	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		D	o	v	i	s		D	r																					Series/Size Text Length
	53.5	13.7	12.7	14.2	6.6	8.8	13.4	14.9	6.7	53.5																				EM 2000 91
		N		O	R	T	H																							
	74.2	9.7	2.6	10.7	9.2	9.2	8.1	74.3																						E 2000 49.5

SIGN NUMBER: 4-8
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-6"
HEIGHT: 8'-0"
TOTAL AREA: 84.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

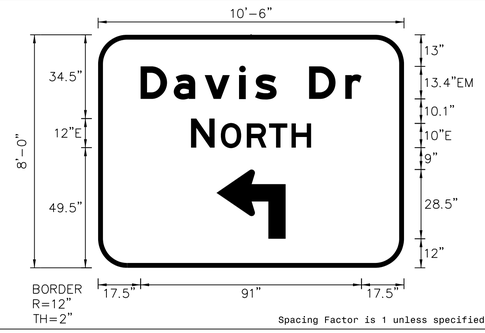
SYMBOL	X	Y	WID	HT
Left 90 Turn Arrow	48.8	12	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		D	a	v	i	s		D	r																					Series/Size Text Length
	17.5	13.7	12.7	14.2	6.6	8.8	13.4	14.9	6.7	17.5																				EM 2000 91
		N		O	R	T	H																							
	38.3	9.7	2.6	10.7	9.2	9.2	8.1	38.3																						E 2000 49.5

SIGN NUMBER: 4-9A,4-11A,4-12A,4-13A, 4-14A,4-17A,4-19A,4-20A, 4-24A
TYPE: A (OVHD)
QUANTITY: 9
SIGN WIDTH: 16'-0"
HEIGHT: 3'-6"
TOTAL AREA: 56.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 184.0

BACKG COLOR: White
COPY COLOR: Black

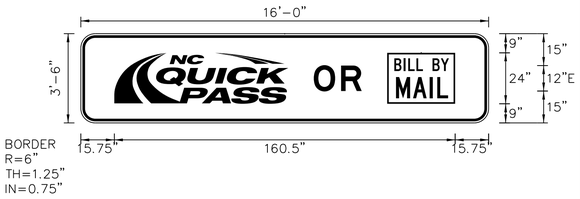
SYMBOL	X	Y	WID	HT
NC QUICK PASS	15.8	9	81.9	24
BILL BY MAIL	144.2	9	32	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																											Series/Size Text Length
	109.7	12.8	9.7	59.8																										

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E

TIP NO.	SHEET NO.
DE00325	SIGN-4-4C

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-9B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 12'-0"
TOTAL AREA: 192.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 2"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 184.0

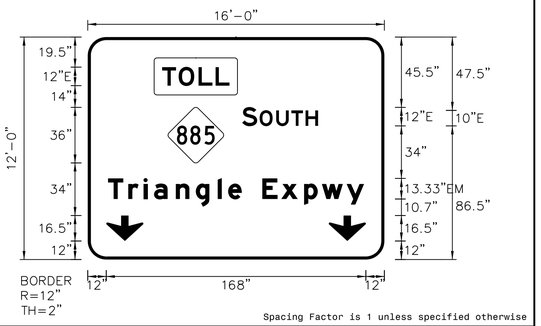
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-120	51.9	62.5	36	36
Type C Arrow	12	12	24	16.5
Type C Arrow	156	12	24	16.5
TOLL	42.9	106.5	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	48.2	10.7	12.8	11	9	100.3																								43.6
		S		Q	U	T	H																							E 2000
	99.9	9.7	1.6	10.7	9.8	9.2	8.1	42.9																						49.1
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.2	13.1	9.9	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.3	14.8	11.5	16	11.3	13.2														165.7

SIGN NUMBER: 4-10
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-6"
HEIGHT: 8'-0"
TOTAL AREA: 84.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 118.0

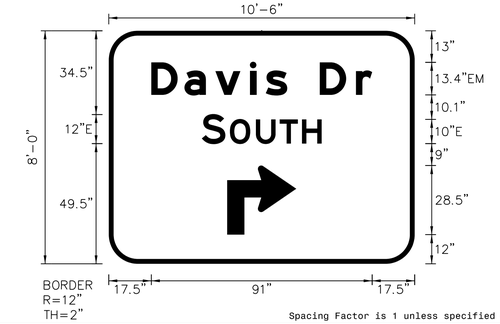
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Right 90 Turn Arrow	48.8	12	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		D	o	v	i	s		D	r																					EM 2000
	17.5	13.7	12.7	14.2	6.6	8.8	13.4	14.9	6.7	17.5																				91
		S		O	U	T	H																							E 2000
	38.3	9.7	1.8	10.7	9.8	9.2	8.1	38.3																						49.4

SIGN NUMBER: 4-11B, 4-24B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 16'-0"
HEIGHT: 13'-0"
TOTAL AREA: 208.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 184.0

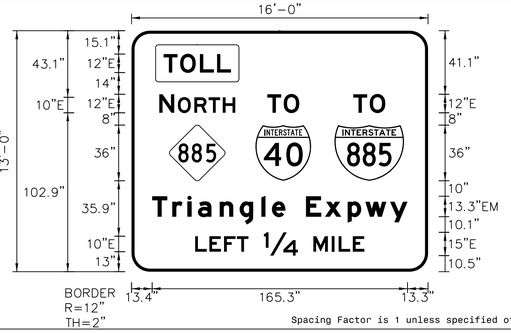
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-120	24.6	58.9	36	36
M1_1	80.3	58.9	36	36
M1_1	131.4	58.9	45	36
TOLL	15.6	122.9	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	20.8	10.7	12.8	11	9	127.6																								43.6
		N		O	R	T	H																							E 2000
	18	9.7	2.3	10.7	9.2	9.2	8.1	124.8																						49.2
		T	O																											E 2000
	87.9	10.7	10.1	83.4																										20.8
		T	O																											E 2000
	143.5	10.7	10.1	27.7																										20.8
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.4	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	13.3														165.3
		L	E	F	T		1/4		M	I	L	E																		E 2000
	41.2	9.2	9.5	8.3	7.5	10	22	10	12	4.4	9.2	7.5	41.2																	109.6

SIGN NUMBER: 4-12B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 12'-0"
TOTAL AREA: 192.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 184.0

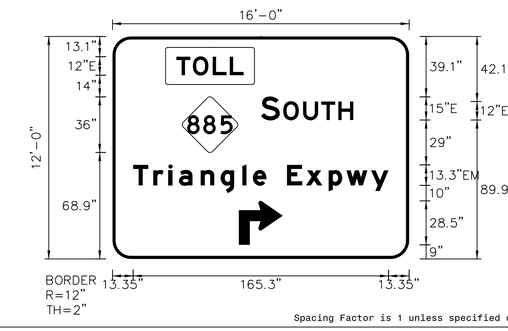
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-120	45.1	68.9	36	36
Right 90 Turn Arrow	81.7	9.1	28.5	28.5
TOLL	34.3	112.9	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	41.3	10.7	12.8	11	9	107.1																								43.6
		S		O	U	T	H																							E 2000
	96.1	12.2	2.2	12.8	11.8	11	9.7	36.1																						59.8
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.3	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	13.3														165.3

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E

TIP NO.	SHEET NO.
DE00325	SIGN-4-4D

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-13B, 4-19B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 16'-0"
HEIGHT: 12'-0"
TOTAL AREA: 192.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

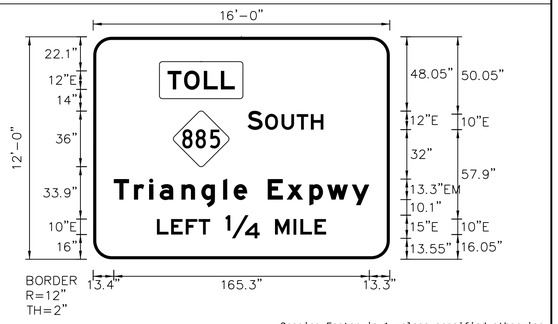
SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	51.9	59.9	36	36
TOLL	42.9	104	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	48.1	10.7	12.8	11	9	100.3																								43.6
		S		O	U	T	H																							E 2000
	99.9	9.7	1.6	10.7	9.8	9.2	8.1	43																						49.1
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.4	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	13.3														165.3
		L	E	F	T		1/4		M	I	L	E																		E 2000
	41.2	9.2	9.5	8.3	7.5	10	22	10	12	4.4	9.2	7.5	41.2																	109.6

SIGN NUMBER: 4-14B, 4-20B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 16'-0"
HEIGHT: 13'-0"
TOTAL AREA: 208.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

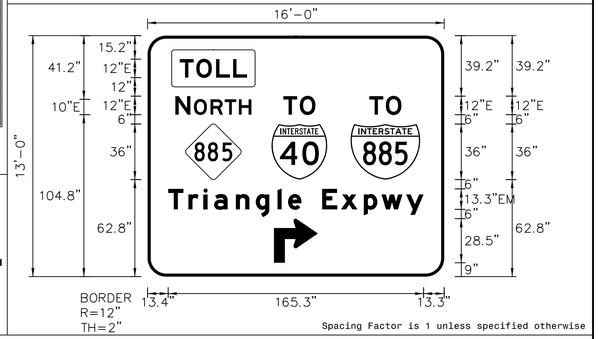
SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	24.6	62.8	36	36
M1_1	80.3	62.8	36	36
M1_1	131.4	62.8	45	36
Right 90 Turn Arrow	81.8	9	28.5	28.5
TOLL	15.6	122.8	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	20.8	10.7	12.8	11	9	127.6																								43.6
		N		O	R	T	H																							E 2000
	18	9.7	2.3	10.7	9.2	9.2	8.1	124.8																						49.2
		T	O																											E 2000
	87.9	10.7	10.1	83.4																										20.8
		T	O																											E 2000
	143.5	10.7	10.1	27.7																										20.8
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	13.4	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	13.3														165.3

SIGN NUMBER: 4-15B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 48'-0"
HEIGHT: 25'-0"
TOTAL AREA: 1200.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 7
LENGTH: 568.0

BACKG COLOR: Green
COPY COLOR: White

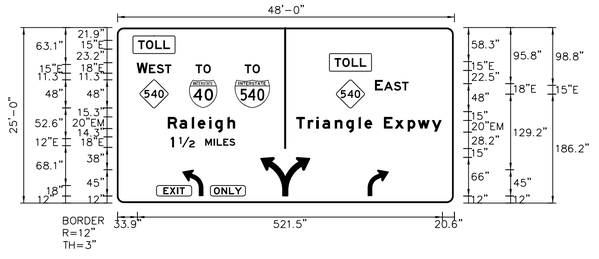
SYMBOL	X	Y	WID	HT
NC363B	39.6	162.6	48	48
M1_1	123.6	162.6	48	48
M1_1	201.6	162.6	60	48
NC363B	375.4	156.2	48	48
E11-1a	67.9	11.9	60	18
Left	111.7	12	36.2	45
E11-1b	159.9	11.9	60	18
Left Right Split	245.6	12	84.8	66
Right	429	12	36.2	45
EXIT	58.6	12	54	18
ONLY	150.6	12	54	18
VERTICAL BAR	286.3	93	3	207
TOLL	27.6	255.6	72	30
TOLL	363.2	219.2	72	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
	36.4	13.3	16.1	13.8	11.3	485.1																								54.5
		T	O	L	L																									E 2000
	372.2	13.3	16.1	13.8	11.3	49.3																								54.5
		W		E	S	T																								E 2000
	33.9	19.1	1.9	13.4	13.8	11.3	482.7																							59.4
		T	O																											E 2000
	134.7	13.4	12.6	415.4																										26
		T	O																											E 2000
	218.7	13.3	12.6	331.4																										26
		E		A	S	T																								E 2000
	441.4	13.5	1.9	17	13.8	11.3	77.2																							57.4
		R	a	i	e	i	g	h																						EM 2000
	87.1	19.8	21.2	10.2	19.4	10.2	21.2	13.2	373.7																					115.2
		T	r	i	a	n	g	l	e		E	x	p	w	y															EM 2000
	306.8	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	20.6														248.6
		1		1/2		M	I	L	E	S																				E 2000
	92.4	5.4	9	26.4	18	14.4	5.3	11	10.7	9.7	373.7																			109.9

SIGN NUMBER: 4-16
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-6"
HEIGHT: 7'-0"
TOTAL AREA: 115.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 190.0

BACKG COLOR: Green
COPY COLOR: White

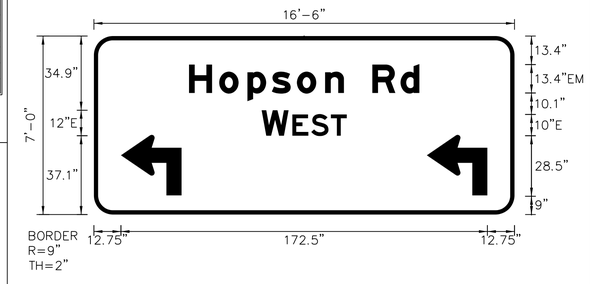
SYMBOL	X	Y	WID	HT
Left 90 Turn Arrow	12.8	9	28.5	28.5
Left 90 Turn Arrow	156.8	9	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	o	p	s	o	n		R	d																				EM 2000
	44.8	14.2	13.3	11.5	11.8	13.3	8.8	13.4	13.3	8.8	44.8																			108.4
		W		E	S	T																								E 2000
	79	12.7	1.8	8.9	9.2	7.5	79																							40.1

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4E

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-17B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 13'-0"
TOTAL AREA: 208.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 184.0

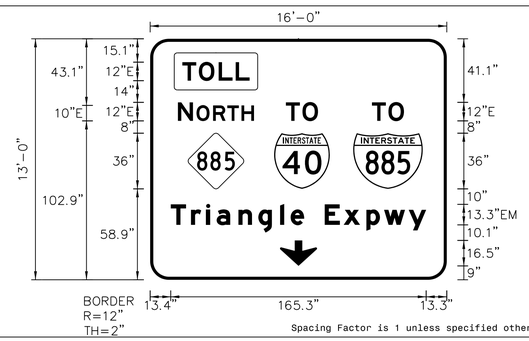
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-120	24.6	58.9	36	36
M1_1	80.3	58.9	36	36
M1_1	131.4	58.9	45	36
Type C Arrow	84	9	24	16.5
TOLL	15.6	122.9	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	18	9.7	2.3	10.7	9.2	9.2	8.1	124.8																						49.2
		T	O																											E 2000
	87.9	10.7	10.1	83.4																										20.8
		T	O																											E 2000
	143.5	10.7	10.1	27.7																										20.8
		T	r	i	a	n	g	l	e	E	x	p	w	y																EM 2000
	13.4	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	13.3														165.3

SIGN NUMBER: 4-18
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 8'-0"
TOTAL AREA: 92.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 130.0

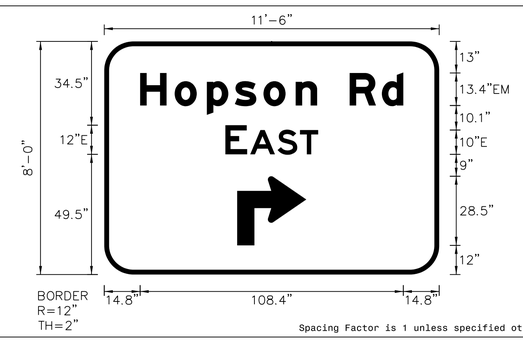
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Right 90 Turn Arrow	54.8	12	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	o	p	s	o	n		R	d																				EM 2000
	14.8	14.2	13.3	11.5	11.8	13.3	8.8	13.4	13.3	8.8	14.8																			108.4
		E		A	S	T																								E 2000
	49.9	9	1.2	11.3	9.2	7.5	49.9																							38.2

SIGN NUMBER: 4-21
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 8'-0"
TOTAL AREA: 92.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 130.0

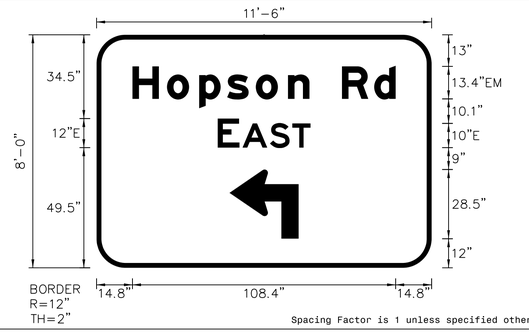
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Left 90 Turn Arrow	54.8	12	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	o	p	s	o	n		R	d																				EM 2000
	14.8	14.2	13.3	11.5	11.8	13.3	8.8	13.4	13.3	8.8	14.8																			108.4
		E		A	S	T																								E 2000
	49.9	9	1.2	11.3	9.2	7.5	49.9																							38.2

SIGN NUMBER: 4-22
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 6'-6"
TOTAL AREA: 65.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 112.0

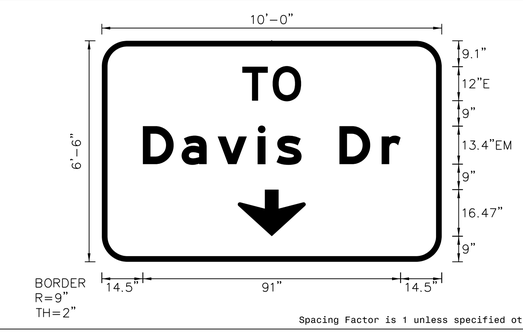
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type C Arrow	48	9	24	16.5

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	49.6	10.7	10.1	49.6																										20.8
		D	o	v	i	s			D	r																				EM 2000
	14.5	13.7	12.7	14.2	6.6	8.8	13.4	14.9	6.7	14.5																				91

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4F

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-23
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 11'-6"
HEIGHT: 8'-0"
TOTAL AREA: 92.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

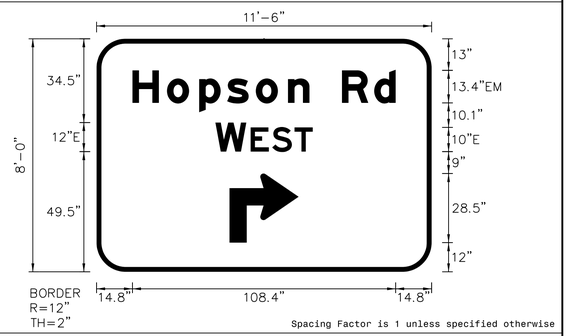
SYMBOL	X	Y	WID	HT
Right 90 Turn Arrow	54.8	12	28.5	28.5

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		H	o	p	s	o	n		R	d																						EM 2000
	14.8	14.2	13.3	11.5	11.8	13.3	8.8	13.4	13.3	8.8	14.8																					108.4
		W		E	S	T																										E 2000
	48.9	12.7	1.8	8.9	9.2	7.5	49																									40.1

SIGN NUMBER: 4-25A
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-6"
HEIGHT: 3'-6"
TOTAL AREA: 57.8 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"
NO. Z BARS: 2
LENGTH: 190.0

BACKG COLOR: White
COPY COLOR: Black

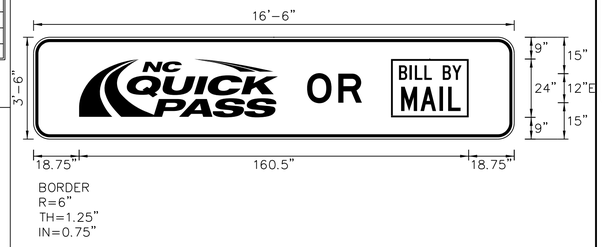
SYMBOL	X	Y	WID	HT
NC QUICK PASS	18.8	9	81.9	24
BILL BY MAIL	147.2	9	32	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be directed applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		O	R																													E 2000
	112.7	12.8	9.7	62.8																												22.6

SIGN NUMBER: 4-25B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-6"
HEIGHT: 12'-0"
TOTAL AREA: 198.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 190.0

BACKG COLOR: Green
COPY COLOR: White

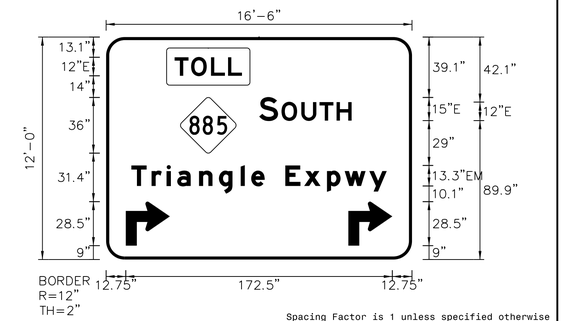
SYMBOL	X	Y	WID	HT
M1-5-3-36-120	48.1	68.9	36	36
Right 90 Turn Arrow	12.8	9	28.5	28.5
Right 90 Turn Arrow	156.8	9	28.5	28.5
TOLL	39.1	112.9	54	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		T	O	L	L																											E 2000
	44.3	10.7	12.8	11	9	110.1																										43.6
		S		O	U	T	H																									E 2000
	99.1	12.2	2.2	12.8	11.8	11	9.7	39.1																								59.8
		T	r	i	a	n	g	l	e		E	x	p	w	y																	EM 2000
	16.3	13	9.8	6.8	14.1	12.9	14.1	6.8	8.8	13.3	12.2	14.8	11.4	16	11.3	16.3																165.3

SIGN NUMBER: 4-26A, 4-29A, 4-32A
TYPE: B (OVHD)
QUANTITY: 3
SIGN WIDTH: 8'-0"
HEIGHT: 2'-6"
TOTAL AREA: 20.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White

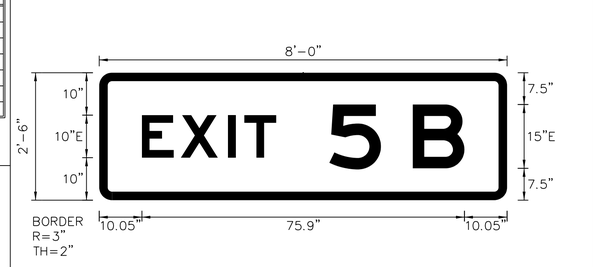
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		E	X	I	T																											E 2000
	10	9.2	11.1	3.8	7.5	54.3																										31.6
		5		B																												E 2000
	54.2	12.2	7.5	12.2	10																											31.8

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4G

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-26B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-6"
HEIGHT: 12'-0"
TOTAL AREA: 210.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 202.0

BACKG COLOR: Green
COPY COLOR: White

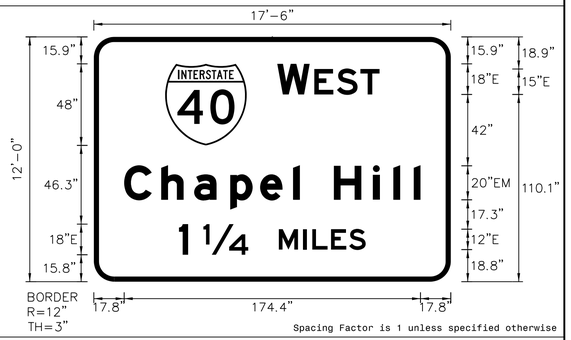
SYMBOL	X	Y	WID	HT
M1_1	41.9	79.9	48	48

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		W		E	S	T																								E 2000
	107.9	19.1	2.7	13.3	13.8	11.3	41.9																							60.2
		C	h	a	p	e	l		H	i	l	l																		EM 2000
	17.8	21.8	19.4	21.2	17.6	19.4	4	20	23	12	12	4	17.8																	174.4
		1		1/4		M	I	L	E	S																				E 2000
	50.1	5.4	9	26.4	18	14.4	5.3	11	10.7	9.7	50.1																			109.9

SIGN NUMBER: 4-27A, 4-30A
TYPE: B (OVHD)
QUANTITY: 2
SIGN WIDTH: 8'-6"
HEIGHT: 2'-6"
TOTAL AREA: 21.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 94.0

BACKG COLOR: Green
COPY COLOR: White

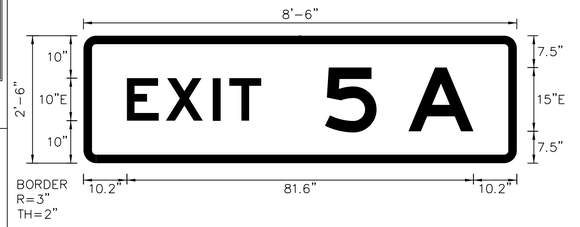
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	10.2	9.2	11.1	3.8	7.5	60.2																								31.6
		5		A																										E 2000
	56.8	12.2	7.5	15.3	10.2																									35

SIGN NUMBER: 4-27B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 14'-0"
TOTAL AREA: 196.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 4
LENGTH: 160.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

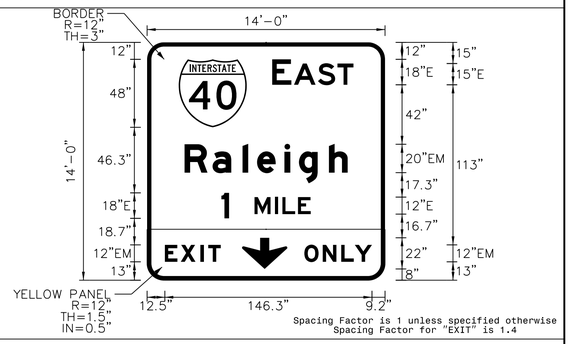
SYMBOL	X	Y	WID	HT
M1_1	22.3	108	48	48
Type C Arrow	67	8	32	22

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 168" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E		A	S	T																								E 2000
	88.3	13.5	1.9	17	13.8	11.3	22.3																							57.4
		R	a	l	e	i	g	h																						EM 2000
	26.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	26.4																					115.2
		1		M	I	L	E																							E 2000
	52.4	5.4	18	14.4	5.3	11	9	52.4																						63.1
		E	X	I	T																									EM 2000
	12.5	11.2	14	5.4	8.9	116																								39.5
		O	N	L	Y																									EM 2000
	111	13	13.1	9.6	12.1	9.2																								47.8

SIGN NUMBER: 4-28A, 4-31A
TYPE: B (OVHD)
QUANTITY: 2
SIGN WIDTH: 7'-0"
HEIGHT: 2'-6"
TOTAL AREA: 17.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 76.0

BACKG COLOR: Green
COPY COLOR: White

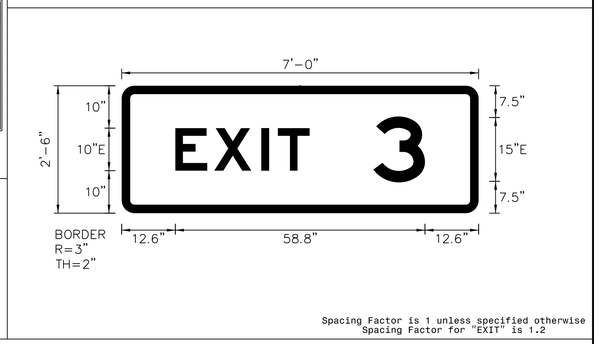
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	12.6	9.2	11.1	3.8	7.5	39.8																								31.6
		3																												E 2000
	59.2	12.2	12.6																											12.2

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4H

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-28B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 7'-0"
TOTAL AREA: 112.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 2
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

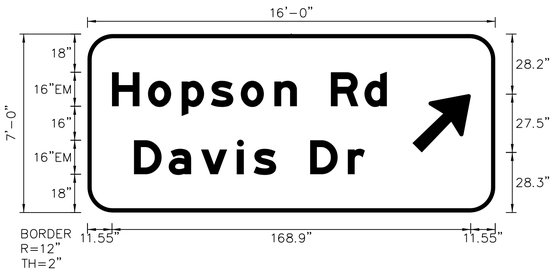
SYMBOL	X	Y	WID	HT
Type A Arrow	153	28.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		H	o	p	s	o	n		R	d																						EM 2000
	11.5	17	15.8	13.8	14.1	15.8	10.6	16	15.8	10.6	51																					129.4
		D	a	v	i	s		D	r																							EM 2000
	21.9	16.3	15.2	17	7.8	10.6	16	17.8	8	61.4																						108.6

SIGN NUMBER: 4-29B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 18'-0"
HEIGHT: 11'-0"
TOTAL AREA: 198.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

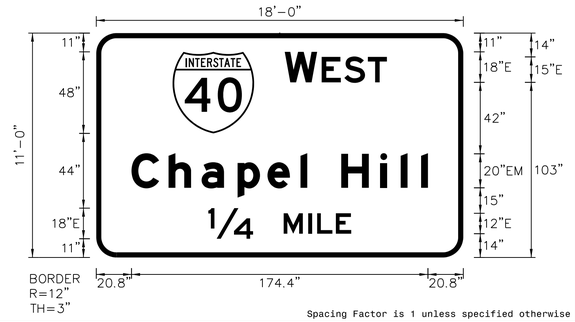
SYMBOL	X	Y	WID	HT
M1_1	44.9	73.8	48	48

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		W		E	S	T																										E 2000
	110.9	19.1	2.7	13.3	13.8	11.3	44.9																									60.2
		C	h	a	p	e	l		H	i	l	l																				EM 2000
	20.8	21.8	19.4	21.2	17.6	19.4	4	20	23	12	12	4	20.8																			174.4
		1/4		M	I	L	E																									E 2000
	66	26.4	18	14.4	5.3	11	9	66																								84.1

SIGN NUMBER: 4-30B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 14'-0"
HEIGHT: 11'-0"
TOTAL AREA: 154.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 3
LENGTH: 160.0

BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

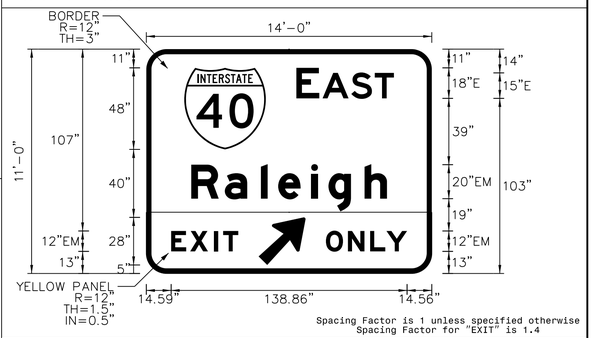
SYMBOL	X	Y	WID	HT
M1_1	22.3	73	48	48
Type A Arrow	66.1	5	22.3	35.6

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow(s) shall be black non-reflective sheeting on 0.032" aluminum and demountable. Yellow panel is 168" X 36". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.4

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		E		A	S	T																										E 2000
	88.3	13.5	1.9	16.9	13.8	11.3	22.3																									57.4
		R	a	l	e	i	g	h																								EM 2000
	26.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	26.4																							115.2
		E	X	I	T																											EM 2000
	14.6	11.2	14	5.4	8.9	113.9																										39.5
		O	N	L	Y																											EM 2000
	105.7	13	13.1	9.6	12.1	14.6																										47.8

SIGN NUMBER: 4-31B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 8'-6"
TOTAL AREA: 114.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 154.0

BACKG COLOR: Green
COPY COLOR: White

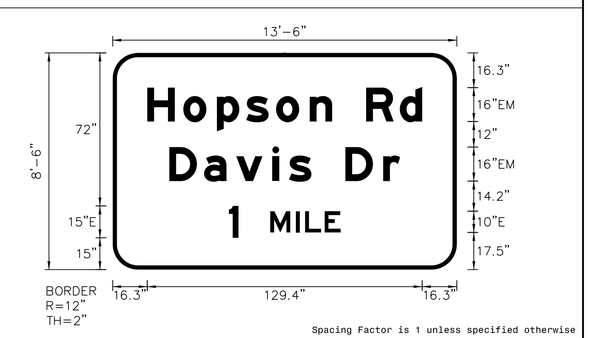
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		H	o	p	s	o	n		R	d																						EM 2000
	16.3	17	15.8	13.8	14.1	15.8	10.6	16	15.8	10.6	16.3																					129.4
		D	o	v	i	s		D	r																							EM 2000
	26.7	16.3	15.2	17	7.8	10.6	16	17.8	8	26.7																						108.6
		1		M	I	L	E																									E 2000
	54.7	4.5	15	12	4.4	9.2	7.5	54.7																								52.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4I

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-32B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 20'-6"
HEIGHT: 9'-0"
TOTAL AREA: 184.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 238.0

BACKG COLOR: Green
COPY COLOR: White

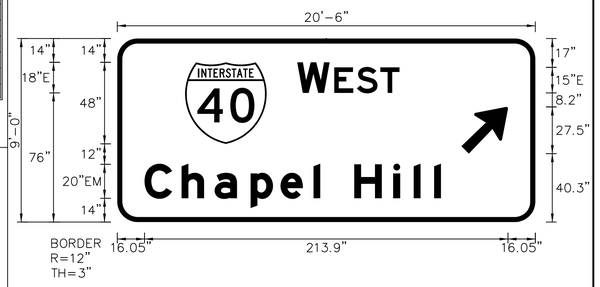
SYMBOL	X	Y	WID	HT
M1_1	40.2	47.5	48	48
Type A Arrow	202.5	40.3	22.3	35

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrow and shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Center arrow vertically on panel.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		W		E	S	T																							Series/Size Text Length
	106.2	19.1	2.7	13.4	13.8	11.3	79.7																						E 2000 60.2
		C	h	a	p	e	l		H	i	l	l																	EM 2000
	16.1	21.8	19.4	21.2	17.6	19.4	4	20	23	12	12	4	55.5																174.4

SIGN NUMBER: 4-33A, 4-34A, 4-35A, 4-36A, 4-37A
TYPE: B (OVHD)
QUANTITY: 5
SIGN WIDTH: 10'-6"
HEIGHT: 2'-6"
TOTAL AREA: 26.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

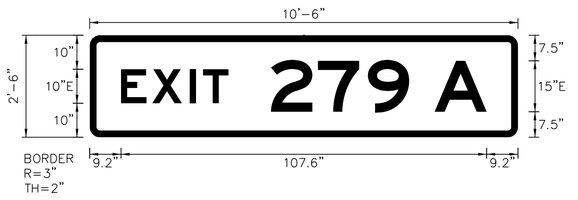
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T																								Series/Size Text Length
	9.2	9.2	11.1	3.8	7.5	85.2																							E 2000 31.6
		2	7	9		A																							E 2000
	53.3	13.8	14.7	12.2	7.5	15.3	9.2																						63.5

SIGN NUMBER: 4-33B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 4'-6"
TOTAL AREA: 108.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 280.0

BACKG COLOR: White
COPY COLOR: Black

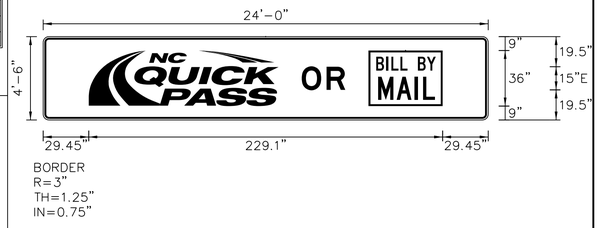
SYMBOL	X	Y	WID	HT
NC QUICK PASS	29.5	9	122.9	36
BILL BY MAIL	210.5	9	48	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																									Series/Size Text Length
	167.3	16.1	12.2	92.5																								E 2000 28.2

SIGN NUMBER: 4-33C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 24'-0"
HEIGHT: 15'-6"
TOTAL AREA: 372.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 280.0

BACKG COLOR: Green
COPY COLOR: White

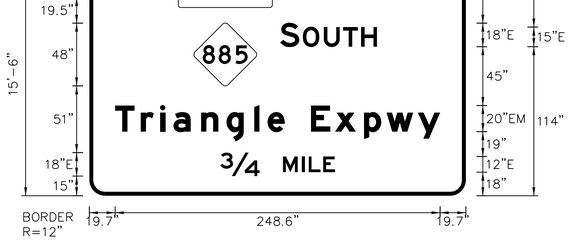
SYMBOL	X	Y	WID	HT
NC483	80	84	48	48
TOLL	68	144	72	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT
PROJECT ID: DE00325
CHECKED BY: ADK
DIV: 05
DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																								Series/Size Text Length
	76.8	13.3	16	13.8	11.3	156.8																							E 2000 54.5
		S		O	U	T	H																						E 2000
	146	14.6	2.8	16	14.7	13.8	12.2	68																					74
		T	r	i	a	n	g	l	e		E	x	p	w	y														EM 2000
	19.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	19.7													248.6
		3/4		M	I	L	E																						E 2000
	100.2	30	18	14.4	5.3	11	9	100.2																					87.7

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4J

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-34B,4-36B
TYPE: A (OVHD)
QUANTITY: 2
SIGN WIDTH: 25'-0"
HEIGHT: 4'-6"
TOTAL AREA: 112.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 292.0

BACKG COLOR: White
COPY COLOR: Black

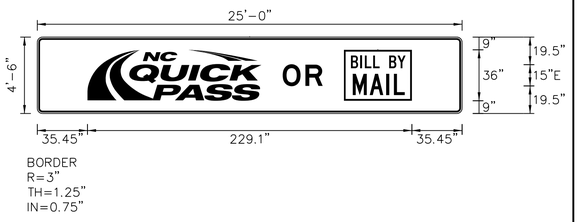
SYMBOL	X	Y	WID	HT
NC QUICK PASS	35.5	9	122.9	36
BILL BY MAIL	216.5	9	48	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												E 2000
	173.3	16	12.2	98.5																											28.2

SIGN NUMBER: 4-34C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 25'-0"
HEIGHT: 15'-6"
TOTAL AREA: 387.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 6
LENGTH: 292.0

BACKG COLOR: Green
COPY COLOR: White

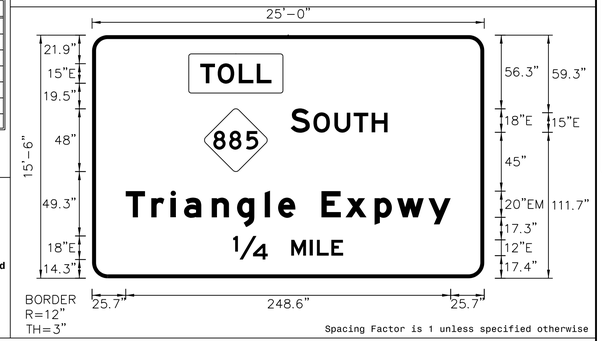
SYMBOL	X	Y	WID	HT
NC483	86	81.7	48	48
TOLL	74	141.7	72	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Shield shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S		O	U	T	H																								E 2000
	152	14.6	2.8	16	14.7	13.8	12.2	74																							74
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	25.7	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	25.7															248.6
		1/4		M	I	L	E																								E 2000
	108	26.4	18	14.4	5.3	11	9	108																							84.1

SIGN NUMBER: 4-35B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 26'-6"
HEIGHT: 4'-6"
TOTAL AREA: 119.3 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 310.0

BACKG COLOR: White
COPY COLOR: Black

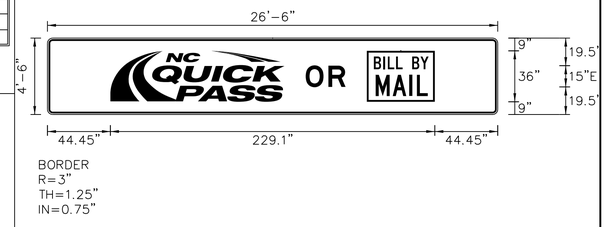
SYMBOL	X	Y	WID	HT
NC QUICK PASS	44.5	9	122.9	36
BILL BY MAIL	225.5	9	48	36

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		O	R																												E 2000
	182.3	16	12.2	107.5																											28.2

SIGN NUMBER: 4-35C
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 26'-6"
HEIGHT: 12'-0"
TOTAL AREA: 318.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 3"
RADII: 12"
NO. Z BARS: 3
LENGTH: 310.0

BACKG COLOR: Green
COPY COLOR: White

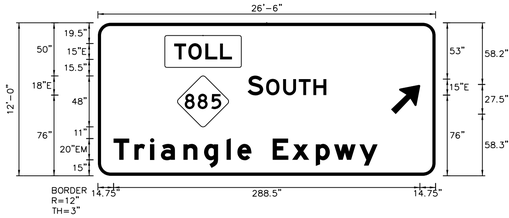
SYMBOL	X	Y	WID	HT
Type A Arrow	275.4	58.1	22.3	35
NC483	75	46	48	48
TOLL	63	102	72	30

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Arrows and shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S		O	U	T	H																								E 2000
	141	14.6	2.8	16	14.7	13.8	12.2	102.9																							74
		T	r	i	a	n	g	l	e		E	x	p	w	y																EM 2000
	14.8	19.6	14.8	10.2	21.2	19.4	21.2	10.2	13.2	20	18.4	22.2	17.2	24	17	54.6															248.6

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4K

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-101A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

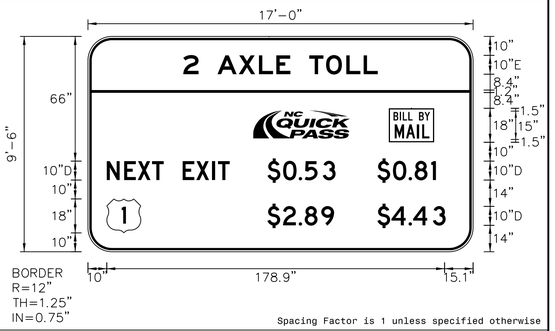
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																103
		N	E	X	T		E	X	I	T		$	0	.	5	3		$	0	.	8	1							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	20	8.3	8.2	3.2	9.6	6.8	22.1	8.3	8.3	3.2	8.8	2.5	19.7						174.3
		$	2	.	8	9		$	4	.	4	3																	D 2000
	95	8.3	8.3	3.2	8.8	6.8	22.9	7.5	9.1	2.4	10.5	6.8	14.5																94.4

SIGN NUMBER: 4-101B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 2'-6"
TOTAL AREA: 42.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

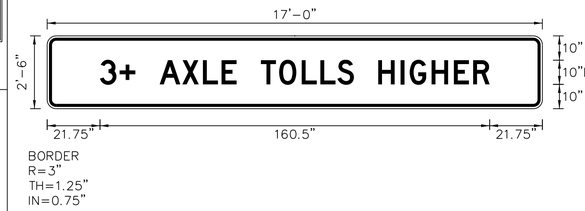
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R								D 2000
	21.8	8.1	6.5	10	9.3	8.5	7.7	6.2	10	7.5	9.3	7.7	7	6.8	10	9.2	3.8	9	9.2	7.9	6.8	21.8							160.5

SIGN NUMBER: 4-102A
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 9'-6"
TOTAL AREA: 161.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

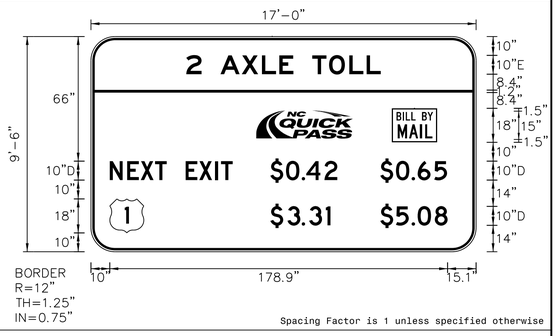
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	87.5	59.9	51.1	15
BILL BY MAIL	159.3	58	24	18
M1_4	10	10	18	18

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting direct applied black non-reflective sheeting.
6. Fabricate US 1 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		2		A	X	L	E		T	O	L	L																	E 2000
	50.5	8.1	10	11.3	10.7	9.2	7.5	10	8.9	10.7	9.2	7.5	50.5																103
		N	E	X	T		E	X	I	T		$	0	.	4	2		$	0	.	6	5							D 2000
	10	9.2	7.2	7.6	6.2	10	7.2	8.5	3.1	6.2	19.9	8.3	8.3	2.4	9.7	6.8	22.8	8.3	8.3	3.2	8.8	6.8	5.4						178.6
		$	3	.	3	1		$	5	.	0	8																	D 2000
	95	9.1	7.5	4	8.8	2.5	26.4	8.3	8.3	3.2	9.1	6.8	15.1																93.9

SIGN NUMBER: 4-102B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 3'-6"
TOTAL AREA: 59.5 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 196.0

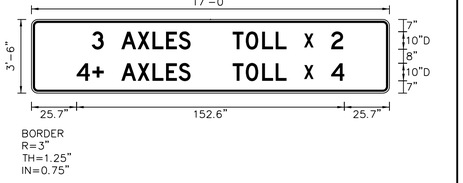
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		3		A	X	L	E	S																					D 2000
	34.4	6.8	10	9.3	8.5	7.7	7.2	6.8	13.3																				56.3
		X																											D 2000
	155.3	5.4	43.2																										5.4
		T	O	L	L																								D 2000
	114.6	7.5	9.3	7.7	6.2	58.7																							30.7
		2																											D 2000
	170.8	6.8	26.4																										6.8
		4	+		A	X	L	E	S																				D 2000
	25.7	9	6.5	10	9.3	8.5	7.7	7.2	6.8	13.4																			64.9
		X																											D 2000
	155.3	5.4	43.2																										5.4
		T	O	L	L																								D 2000
	114.6	7.5	9.3	7.7	6.2	58.7																							30.7
		4																											D 2000
	170.8	7.5	25.7																										7.5

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4L

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-103
TYPE: A
QUANTITY: 1

SIGN WIDTH: 14'-0"
HEIGHT: 11'-0"
TOTAL AREA: 154.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 12"

NO. Z BARS: 3
LENGTH: 160.0

BACKG COLOR: White
COPY COLOR: Black

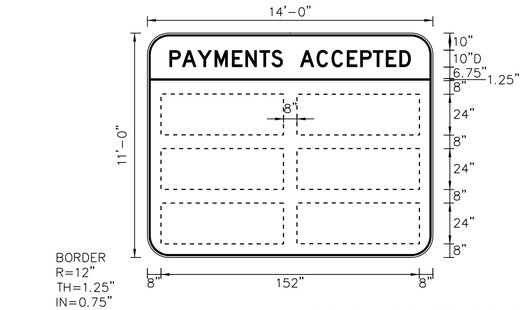
SYMBOL	X	Y	WID	HT
ETC LOGO	8	72	72	24
ETC LOGO	88	72	72	24
ETC LOGO	8	40	72	24
ETC LOGO	88	40	72	24
ETC LOGO	8	8	72	24
ETC LOGO	88	8	72	24

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Logos shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Maximum size for an interoperable agency's logo shall be 72" x 24".
5. Interoperable agency's logos shall be vertically and horizontally centered within space provided.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		P	A	Y	M	E	N	T	S		A	C	C	E	P	T	E	D												Series/Size Text Length
	13	7.4	9.1	10.1	10.2	7.9	8.3	7	6.8	10	9.8	8.8	9	7.9	7.4	7.7	7.9	6.8	13													D 2000
																																142.1

SIGN NUMBER: 4-201A
TYPE: A
QUANTITY: 1

SIGN WIDTH: 10'-6"
HEIGHT: 7'-0"
TOTAL AREA: 73.5 Sq.Ft.

BORDER TYPE: Var.
RECESS: Var.
WIDTH: Var.
RADII: Var.

NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Yellow/Green
COPY COLOR: Black/White

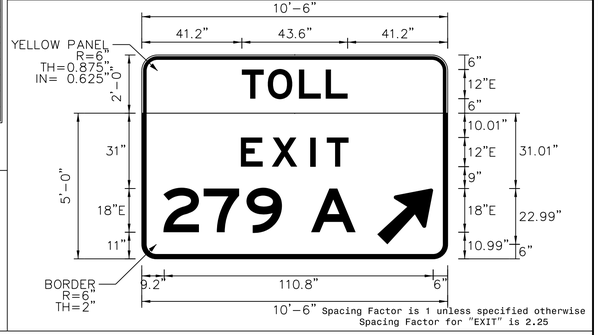
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C reflective sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 126"X24" (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



10'-6" Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

		T	O	L	L																										Series/Size Text Length
	41.2	10.7	12.8	11	9	41.2																										E 2000
		E	X	I	T																											43.6
	40.8	12.8	15.8	6.8	9	40.8																										E 2000
		2	7	9		A																										44.4
	8.9	16.6	17.6	14.6	12	18.4	37.9																									E 2000
																																79.1

SIGN NUMBER: 4-201B
TYPE: B
QUANTITY: 1

SIGN WIDTH: 10'-6"
HEIGHT: 2'-0"
TOTAL AREA: 21.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"

NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Yellow
COPY COLOR: Black

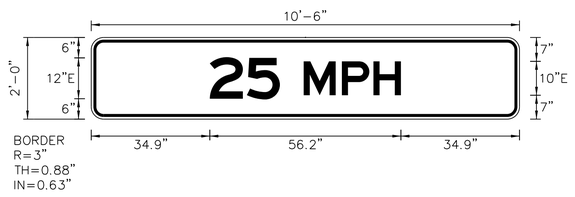
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		2	5		M	P	H																									Series/Size Text Length
	34.9	10.9	9.7	7	11.2	9.3	8.1	34.9																									

SIGN NUMBER: 4-202A
TYPE: A
QUANTITY: 1

SIGN WIDTH: 7'-6"
HEIGHT: 5'-0"
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Green
COPY COLOR: White

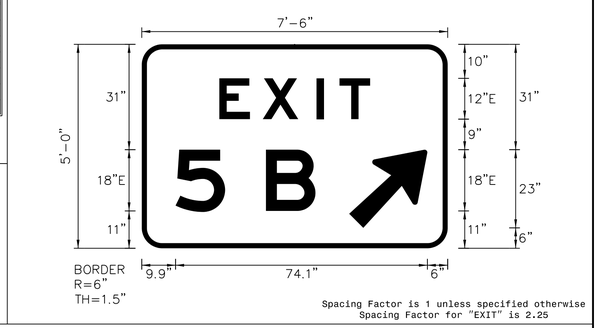
SYMBOL	X	Y	WID	HT
Type A Arrow	61	6	18.3	29.3

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

		E	X	I	T																											Series/Size Text Length
	22.8	12.8	15.8	6.8	9	22.8																										E 2000
		5		B																												44.4
	9.9	14.6	12	14.6	38.9																											E 2000
																																41.2

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4M

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 4-202B
TYPE: B
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.63"
WIDTH: 0.88"
RADII: 3"
NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Yellow
COPY COLOR: Black

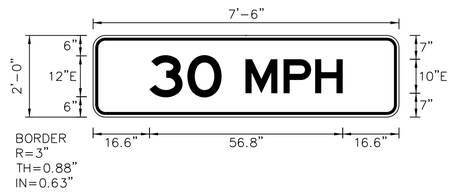
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		3	0		M	P	H																						Series/Size Text Length
	16.6	11.1	10.1	7	11.2	9.3	8.1	16.6																					E 2000 56.8

SIGN NUMBER: 4-301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 3'-0"
TOTAL AREA: 16.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

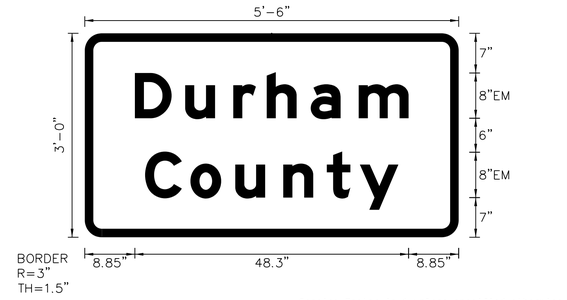
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		D	u	r	h	a	m																						Series/Size Text Length
	8.8	8.9	8.5	5.9	7.8	8.5	8.8	8.8																					EM 2000 48.3
		C	o	u	n	t	y																						
	10.6	8	7.9	8.5	7.7	5.8	6.8	10.6																					EM 2000 44.7

SIGN NUMBER: 4-302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-6"
HEIGHT: 3'-0"
TOTAL AREA: 16.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 3"
NO. Z BARS: N/A
LENGTH: N/A

BACKG COLOR: Green
COPY COLOR: White

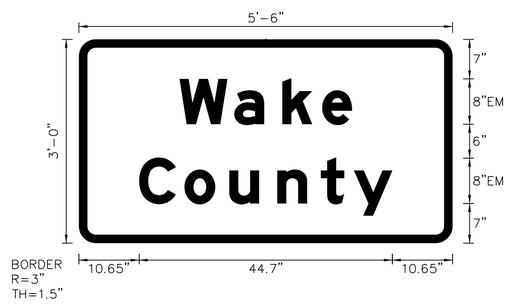
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		W	a	k	e																								Series/Size Text Length
	17.8	9.7	8.5	7	5.3	17.8																							EM 2000 30.5
		C	o	u	n	t	y																						
	10.6	8	7.9	8.5	7.7	5.8	6.8	10.6																					EM 2000 44.7

SIGN NUMBER: 4-303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 3'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

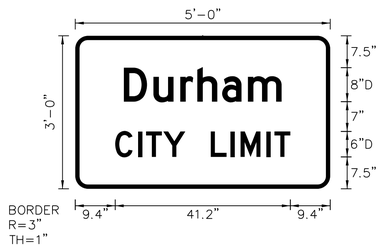
SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrows and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		D	u	r	h	a	m																						Series/Size Text Length
	11.4	7	6.3	4	5.8	6.1	7.9	11.4																					D 2000 37.1
		C	I	T	Y		L	I	M	I	T																		
	9.4	5.4	1.9	4.1	5.2	6	4.6	2.4	6.1	1.9	3.7	9.4																	D 2000 41.2

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4N

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-601

BACKG COLOR: WHITE
COPY COLOR: BLUE/GREEN

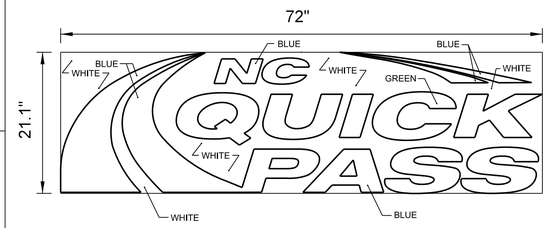
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72″
HEIGHT: 21.1″
TOTAL AREA: 10.55 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

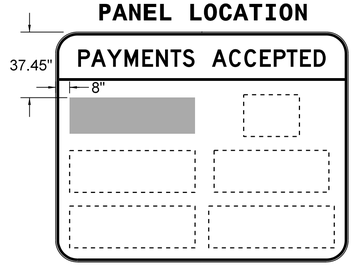
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Blue is 294.
4. Approved PANTONE matching color for Green is 342.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 4-602

BACKG COLOR: WHITE
COPY COLOR: BLACK

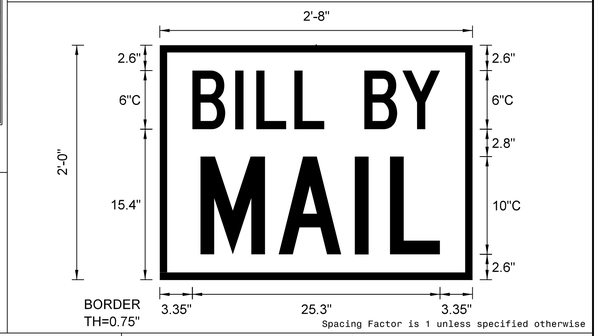
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 32″
HEIGHT: 24″
TOTAL AREA: 5.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 0.75″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend and border shall be non-relective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021

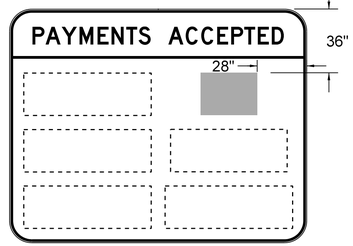


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size Text Length
		B	I	L	L		B	Y				C 2000
	3.3	4.4	2.2	3.9	3.1	4.1	3.9	3.8	3.3			25.3
		M	A	I	L							C 2000
	4.2	8	7.8	3.6	5.1	3.3						24.5

PANEL LOCATION



SIGN NUMBER: 4-603

BACKG COLOR: PURPLE
COPY COLOR: WHITE

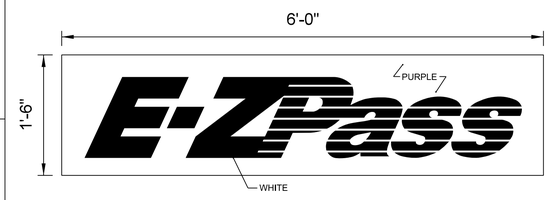
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72″
HEIGHT: 18″
TOTAL AREA: 9 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

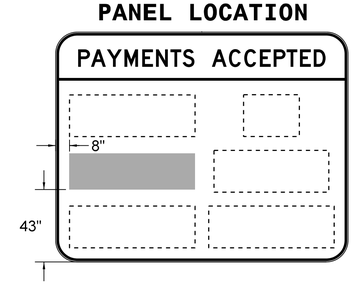
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Legend shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Approved PANTONE matching color for Purple is 259.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



SIGN NUMBER: 4-604

BACKG COLOR: WHITE
COPY COLOR: VARIOUS

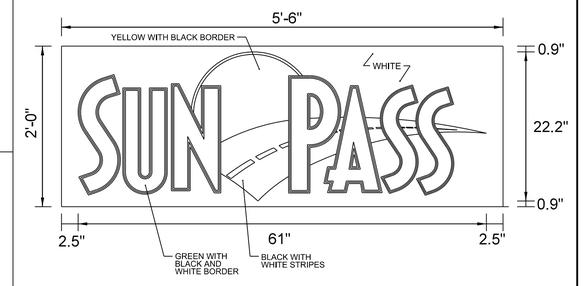
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 66″
HEIGHT: 24″
TOTAL AREA: 11 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

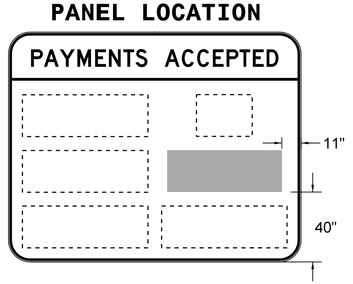
MAT'L: 0.032″ ALUMINUM

NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.

DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



PANEL LOCATION



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NORTH CAROLINA Turnpike Authority

SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4O

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

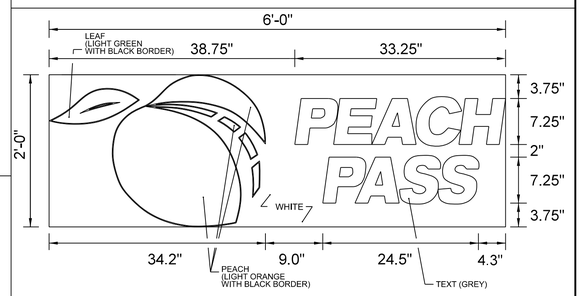
SIGN NUMBER: 4-605
TYPE: OVRLY
QUANTITY: 2
SIGN WIDTH: 72″
HEIGHT: 24″
TOTAL AREA: 12 Sq.Ft.
BORDER TYPE: NONE
RECESS: 0″
WIDTH: 0″
RADII: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: WHITE
COPY COLOR: VARIOUS

SYMBOL	X	Y	WID	HT
PEACH	0	0	34.2	24

MAT'L: 0.032″ ALUMINUM

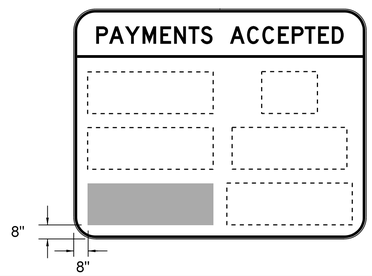
DESIGN BY: JAW CHECKED BY: ADK DATE: May 2021



NOTES:
1. Background shall be Grade C reflective sheeting.
2. All sign colors shall be standard highway colors as specified in the MUTCD unless otherwise noted.
3. Font is Helvetica Neue Black Italic.

COLORS	
PEACH	PANTONE 163 TRANSLUCENT
LEAF	PANTONE 368 TRANSLUCENT
TEXT	PANTONE 9 OPAQUE

PANEL LOCATION



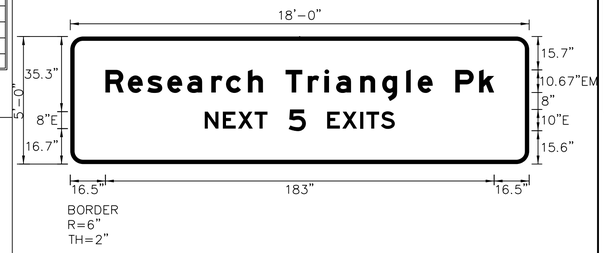
SIGN NUMBER: 4-701
TYPE: A
QUANTITY: 1
SIGN WIDTH: 18'-0″
HEIGHT: 5'-0″
TOTAL AREA: 90.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 2″
RADII: 6″
NO. Z BARS: 2
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ ALUMINUM

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 10.60'.
4. Existing support size is W6x9.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
		R	e	s	e	a	r	c	h		T	r	i	a	n	g	l	e		P	k							EM 2000
	16.5	10.6	9.2	9.4	9.4	11.3	6.9	10.3	7	10.7	10.5	7.9	5.4	11.3	10.3	11.3	5.4	7	10.7	11.2	7	6.5						183
		N	E	X	T		5		E	X	I	T	S															E 2000
	63.3	8.6	7.1	7.8	6	10	8.1	10	7.1	8.6	2.8	6.9	6.5	63.3														89.5

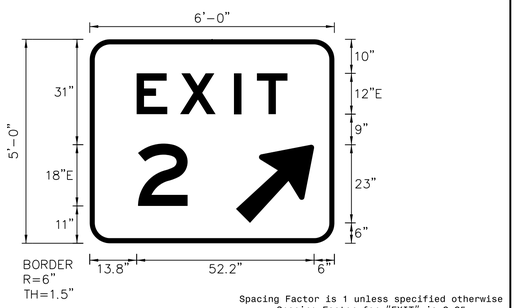
SIGN NUMBER: 4-702
TYPE: A
QUANTITY: 1
SIGN WIDTH: 6'-0″
HEIGHT: 5'-0″
TOTAL AREA: 30.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 1.5″
RADII: 6″
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	43	6	18.3	29.3

MAT'L: 0.125″ ALUMINUM

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032″ aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 3.50'.
5. Existing support size is S4x7.7.

Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		E	X	I	T																								E 2000
	13.8	12.8	15.8	6.8	9	13.8																							44.4
		2																											E 2000
	14.2	14.6	43.2																										14.6

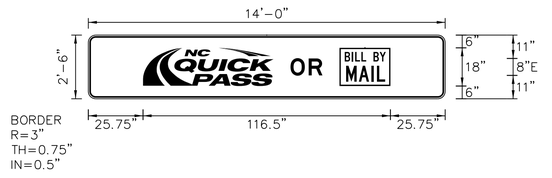
SIGN NUMBER: 4-703A,4-704A, 4-707A,4-708A
TYPE: A
QUANTITY: 4
SIGN WIDTH: 14'-0″
HEIGHT: 2'-6″
TOTAL AREA: 35.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.5″
WIDTH: 0.75″
RADII: 3″
NO. Z BARS: 2
LENGTH: 160.0

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	25.8	6	61.4	18
BILL BY MAIL	118.2	6	24	18

MAT'L: 0.125″ ALUMINUM

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032″ aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032″ aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.
6. Existing support spacings are as follows: 4-703A = 8.30', 4-704A = 8.10', 4-707A = 8.10', 4-708A = 8.30'
7. Existing support sizes are as follows: 4-703A = W8x21, 4-704A = W6x16, 4-707A = W6x16, 4-708A = W6x16

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																													Series/Size Text Length
		O	R																										E 2000
	95.2	8.6	6.5	57.8																									15

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4P

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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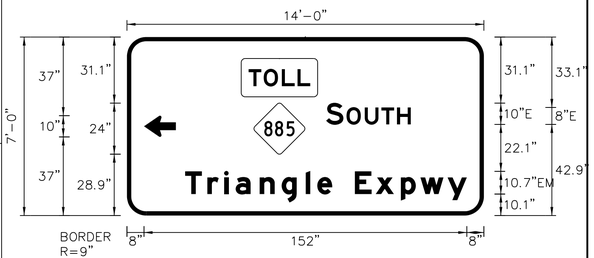
SIGN NUMBER: 4-703B, 4-707B BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type D Arrow	8	37	10	15
M1-5-3-24-7C	59.8	28.9	24	24
TOLL	53.8	55.9	36	18

SIGN WIDTH: 14'-0"
HEIGHT: 7'-0"
TOTAL AREA: 98.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 160.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.
6. Existing support spacings are as follows: 4-703B = 8.30', 4-707B = 8.10'
7. Existing support sizes are as follows: 4-703B = W8x21, 4-707B = W6x16

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																Series/Size Text Length
		S		O	U	T	H																									E 2000
	93.8	8.1	1.5	8.6	7.8	7.4	6.5	34.4																								39.8
		T	r	i	a	n	g	l	e		E	x	p	w	y																	EM 2000
	27.4	10.5	7.9	5.4	11.3	10.3	11.3	5.4	7	10.7	9.8	11.8	9.2	12.8	9.1	8																132.6

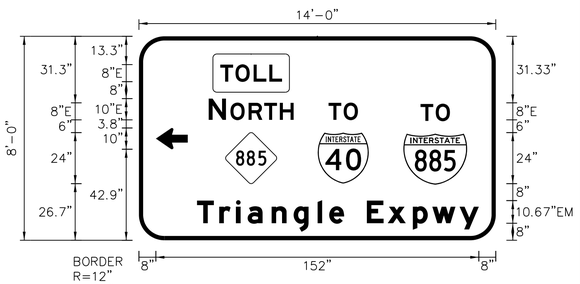
SIGN NUMBER: 4-704B, 4-708B BACKG COLOR: Green
TYPE: A COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
Type D Arrow	8	42.8	10	15
M1-5-3-24-7C	40.8	26.7	24	24
M1_1	84.2	26.7	24	24
M1_1	124.5	26.2	30	24
TOLL	34.8	70	36	18

SIGN WIDTH: 14'-0"
HEIGHT: 8'-0"
TOTAL AREA: 112.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 160.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow and shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Center arrow vertically on panel.
6. Existing support spacings are as follows: 4-704B = 8.10', 4-708B = 8.30'
7. Existing support sizes are as follows: 4-704B = W6x16, 4-708B = W6x16

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																	Series/Size Text Length
		T	O	L	L																												E 2000
	38.3	7.1	8.6	7.4	6	100.6																											29
		N		O	R	T	H																										E 2000
	32.9	8.1	2.1	8.6	7.4	7.4	6.5	95.2																									40
		T	O																														E 2000
	89.3	7.1	6.7	64.9																													13.8
		T	O																														E 2000
	132.6	7.1	6.7	21.6																													13.8
		T	r	i	a	n	g	l	e		E	x	p	w	y																		EM 2000
	27.4	10.5	7.9	5.4	11.3	10.3	11.3	5.4	7	10.7	9.8	11.8	9.2	12.8	9.1	8																	132.6

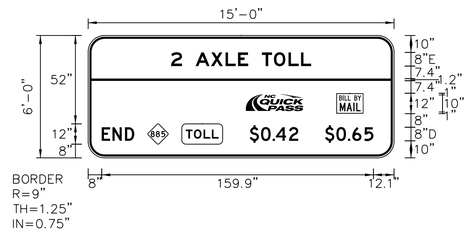
SIGN NUMBER: 4-705A BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NC QUICK PASS	92.8	27.5	34.1	10
BILL BY MAIL	146	26	16	12
NC243A	35.1	8	12	12
TOLL	55.1	8	24	12

SIGN WIDTH: 15'-0"
HEIGHT: 6'-0"
TOTAL AREA: 90.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"
NO. Z BARS: 2
LENGTH: 172.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Existing support spacing is 7.60'.
7. Existing support size is W6x12.
8. Fabricate NC 885 route shield with a 0.375" thick, flush black border around the entire perimeter of the route shield.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																	Series/Size Text Length
		2		A	X	L	E		T	O	L	L																					E 2000
	48.8	6.5	8	9	8.6	7.4	6	8	7.1	8.6	7.4	6	48.8																				82.5
		E	N	D		$	0	.	4	2		$	0	.	6	5																		D 2000
	8	6.3	7.4	5.4	67.9	6.6	6.8	1.9	7.8	5.4	15.8	6.6	6.8	2.6	7	5.4	12.1																	159.9

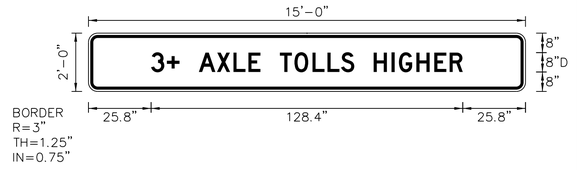
SIGN NUMBER: 4-705B BACKG COLOR: White
TYPE: A COPY COLOR: Black
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 15'-0"
HEIGHT: 2'-0"
TOTAL AREA: 30.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 172.0
MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																																	Series/Size Text Length
		3	+		A	X	L	E		T	O	L	L	S		H	I	G	H	E	R												D 2000
	25.8	6.5	5.2	8	7.4	6.8	6.2	5	8	6	7.4	6.2	5.6	5.4	8	7.4	3	7.2	7.4	6.3	5.4	25.8											128.4

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4Q

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-706
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	43	6	18.3	29.3

SIGN WIDTH: 6'-0"
HEIGHT: 5'-0"
TOTAL AREA: 30.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

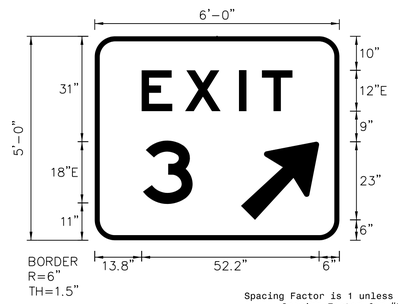
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 64.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 3.50'.
5. Existing support size is S4x7.7.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	13.8	12.8	15.8	6.8	9	13.8																									44.4
		3																													E 2000
	14.2	14.6	43.2																												14.6

SIGN NUMBER: 4-709
TYPE: A
QUANTITY: 1

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	10.1	31.3	51.1	15
BILL BY MAIL	23.6	8.1	24	18

SIGN WIDTH: 14'-0"
HEIGHT: 6'-6"
TOTAL AREA: 91.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 9"

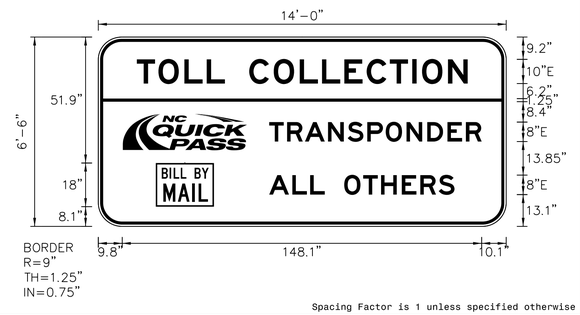
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 160.0

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Arrows shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
5. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
6. Existing support spacing is 8.20'.
7. Existing support size is W10x28.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		T	O	L	L		C	O	L	L	E	C	T	I	O	N															E 2000
	15.8	8.9	10.7	9.2	7.5	10	10.1	10.7	9.2	9.2	9.2	9.5	9.2	4.1	10.7	8.1	15.8														136.3
		T	R	A	N	S	P	O	N	D	E	R																			E 2000
	70.4	7.4	7.4	9.5	8.1	8.1	7.6	8.6	8.6	8.3	7.6	6.5	10.1																		87.5
		A	L	L		O	T	H	E	R	S																				E 2000
	70.4	9.5	7.4	6	8	7.8	7.4	8.6	7.6	7.6	6.5	21.3																			76.3

SIGN NUMBER: 4-710
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 15'-0"
HEIGHT: 5'-0"
TOTAL AREA: 75.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

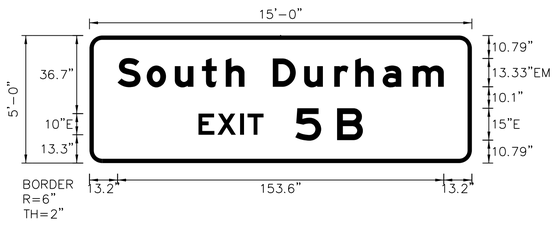
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 172.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 8.70'.
4. Existing support size is W6x9.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		S	o	u	t	h		D	u	r	h	a	m																		EM 2000
	13.2	13.7	13.2	12.8	11.2	8.8	13.3	14.8	14.1	9.9	12.9	14.1	14.7	13.2																	153.6
		E	X	I	T		5		B																						E 2000
	51.3	8.9	10.7	3.5	7.5	15	12.2	7.5	12.2	51.3																					77.4

SIGN NUMBER: 4-711
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
Type A Arrow	55	6	18.3	29.3

SIGN WIDTH: 7'-0"
HEIGHT: 5'-0"
TOTAL AREA: 35.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

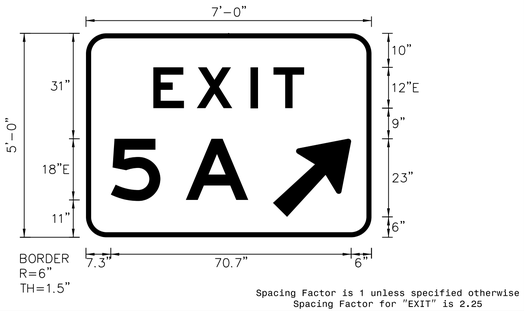
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 76.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Existing support spacing is 4.10'.
5. Existing support size is S4x7.7.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T																										E 2000
	19.8	12.8	15.8	6.8	9	19.8																									44.4
		5		A																											E 2000
	7.3	14.6	7.5	18.4	36.3																										40.4

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SIGN DESIGNS

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TIP NO.	SHEET NO.
DE00325	SIGN-4-4R

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-712 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NC363B	15	108	36	36
M1_1	74.8	12	45	36
TOLL	63	114	54	24

SIGN WIDTH: 11'-0"
HEIGHT: 13'-0"
TOTAL AREA: 143.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

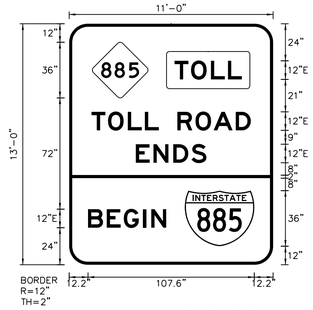
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 4
LENGTH: 124.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shields shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Existing support spacing is 7.60'.
6. Existing support size is W8x18.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
68.2	10.7	12.8	11	9	20.2																									43.6
		T	O	L	L		R	O	A	D																				E 2000
14.5	10.7	12.8	11	9	12		11.8	11.8	14.3	9.7	14.5																			103.1
		E	N	D	S																									E 2000
43.1	11.4	12.8	11.8	9.7	43.1																									45.7
		B	E	G	I	N																								E 2000
12.2	12.1	11	12.5	5.3	9.7	69.2																								50.6

SIGN NUMBER: 4-713 **BACKG COLOR:** Yellow/Green
TYPE: A **COPY COLOR:** Black/White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 10'-6"
HEIGHT: 7'-0"
TOTAL AREA: 73.5 Sq.Ft.

BORDER TYPE: Var.
RECESS: Var.
WIDTH: Var.
RADII: Var.

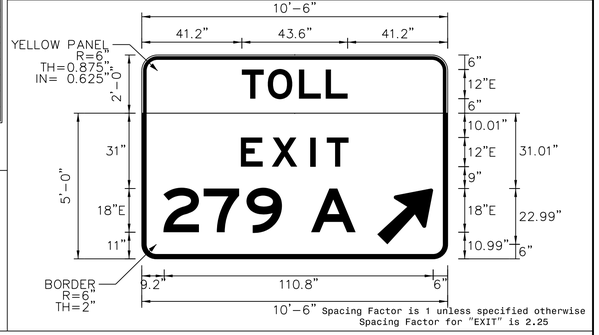
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 118.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Arrow shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. Top panel shall be yellow Grade C reflective sheeting. Legend and border shall be direct applied black non-reflective sheeting. Yellow panel is 126"X24" (Border Type = Recessed, Recess = 0.625", Width = 0.875", Radii = 6")
5. Existing suppport spacing is 5.10'.
6. Existing support size is W6x9.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



10'-6" Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 2.25

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O	L	L																									E 2000
41.2	10.7	12.8	11	9	41.2																									43.6
		E	X	I	T																									E 2000
40.8	12.8	15.8	6.8	9	40.8																									44.4
		2	7	9		A																								E 2000
8.9	16.6	17.6	14.6	12	18.4	37.9																								79.1

SIGN NUMBER: 4-714A,4-715A **BACKG COLOR:** White
TYPE: A **COPY COLOR:** Black
QUANTITY: 2

SYMBOL	X	Y	WID	HT
NC QUICK PASS	15.8	9	81.9	24
BILL BY MAIL	144.2	9	32	24

SIGN WIDTH: 16'-0"
HEIGHT: 3'-6"
TOTAL AREA: 56.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 6"

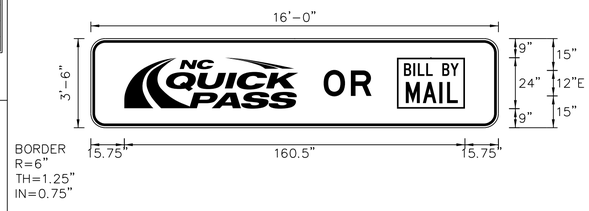
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 184.0

NOTES:

1. Legend and border shall be direct applied non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		O	R																											E 2000
109.7	12.8	9.7	59.8																											22.6

SIGN NUMBER: 4-714B **BACKG COLOR:** Green/Yellow
TYPE: A **COPY COLOR:** White/Black
QUANTITY: 1

SYMBOL	X	Y	WID	HT
NC363B	45.1	8	36	36
TOLL	36	140	54	24

SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.

BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.

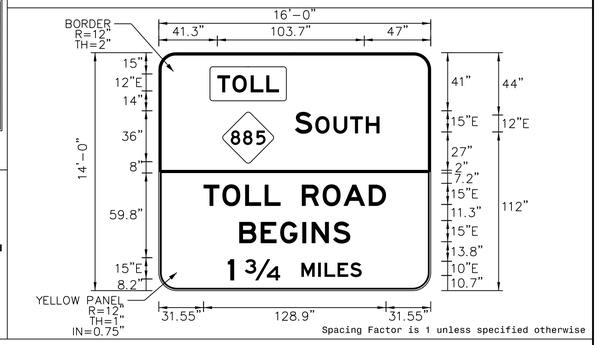
MAT'L: 0.125" ALUMINUM

NO. Z BARS: 2
LENGTH: 184.0

NOTES:

1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is 192" X 84". (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
6. Existing support spacing is 5.70' and 5.70'.
7. Existing support size is W8x21.

DESIGN BY: TRT **CHECKED BY:** ADK
PROJECT ID: DE00325 **DIV:** 05 **DATE:** May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
96.1	12.2	2.2	12.8	11.8	11	9.7	36.1																							59.8
		T	O	L	L		R	O	A	D																				E 2000
31.6	13.4	16	13.8	11.3	15	14.7	14.7	17.8	12.2	31.6																				128.9
		B	E	G	I	N	S																							E 2000
56.8	15.1	13.8	15.6	6.6	15.2	12.2	56.8																							78.5
		1		3/4		M	I	L	E	S																				E 2000
48.7	4.5	7.5	25	15	12	4.4	9.2	8.9	8.1	48.7																				94.6

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TIP NO.	SHEET NO.
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DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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SIGN NUMBER: 4-715B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 16'-0"
HEIGHT: 14'-0"
TOTAL AREA: 224.0 Sq.Ft.
BORDER TYPE: VAR.
RECESS: VAR.
WIDTH: VAR.
RADII: VAR.
NO. Z BARS: 2
LENGTH: 184.0

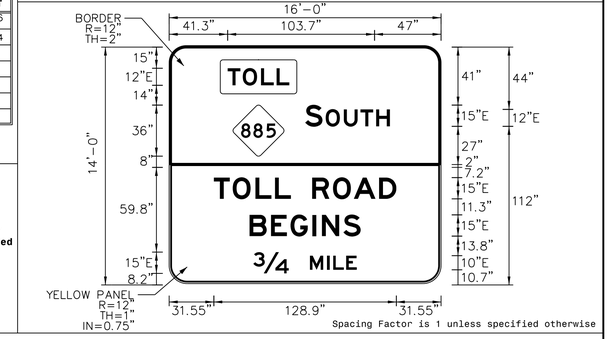
BACKG COLOR: Green/Yellow
COPY COLOR: White/Black

SYMBOL	X	Y	WID	HT
NC363B	45.1	8	36	36
TOLL	36	140	54	24

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Shield shall be Grade C reflective sheeting on 0.032" aluminum and demountable.
3. Background shall be Grade C reflective sheeting.
4. "TOLL" panel shall be yellow Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is 192" X 84", (Border Type = Recessed, Recess = 0.5", Width = 1.5", Radii = 12")
6. Existing support spacing is 5.60' and 5.70'.
7. Existing support size is W8x21.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	96.1	12.2	2.2	12.8	11.8	11	9.7	36.1																						59.8
		T	O	L	L		R	O	A	D																				E 2000
	31.6	13.4	16	13.8	11.3	15	14.7	14.7	17.8	12.2	31.6																			128.9
		B	E	G	I	N	S																							E 2000
	56.8	15.2	13.8	15.6	6.6	15.2	12.2	56.8																						78.5
		3/4		M	I	L	E																							E 2000
	59.5	25	15	12	4.4	9.2	7.5	59.5																						73.1

SIGN NUMBER: 4-716A
TYPE: B
QUANTITY: 1
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0

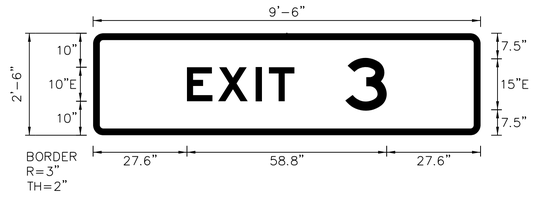
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Use Attachment Method 1-R.
4. Existing support spacing is 8.80'.
5. Existing support size is W6x16.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise
Spacing Factor for "EXIT" is 1.2

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T																									E 2000
	27.6	9.2	11.1	3.8	7.5	54.8																								31.6
		3																												E 2000
	74.2	12.2	27.6																											12.2

SIGN NUMBER: 4-716B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 9'-0"
TOTAL AREA: 121.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 154.0

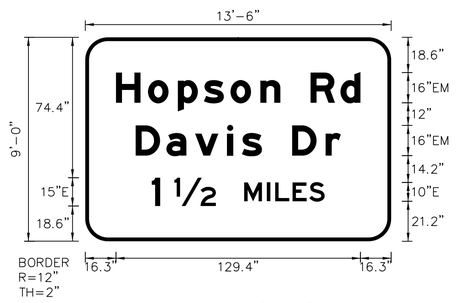
BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Existing support spacing is 8.79'.
4. Existing support size is W6x16.

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		H	o	p	s	o	n		R	d																				EM 2000
	16.3	17	15.8	13.8	14.1	15.8	10.6	16	15.8	10.6	16.3																			129.4
		D	a	v	i	s		D	r																					EM 2000
	26.7	16.3	15.2	17	7.8	10.6	16	17.8	8	26.7																				108.6
		1		1/2		M	I	L	E	S																				E 2000
	35.2	4.5	7.5	22	15	12	4.4	9.2	8.9	8.1	35.2																			91.6

SIGN NUMBER: NCQP OR BBM
TYPE: SP
QUANTITY: 4
SIGN WIDTH: 3'-0"
HEIGHT: 3'-0"
TOTAL AREA: 9.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.625"
WIDTH: 0.875"
RADII: 2.25"
NO. Z BARS:
LENGTH:

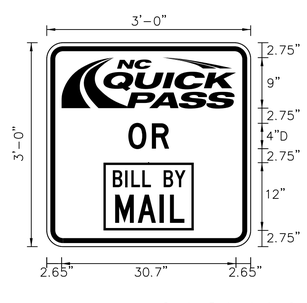
BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	2.7	24.3	30.7	9
BILL BY MAIL	10	2.8	16	12

MAT'L: 0.125" ALUMINUM

NOTES:
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade C reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

DESIGN BY: JAW CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																														Series/Size Text Length
		O	R																											D 2000
	14.8	3.7	2.7	14.8																										6.4

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SIGN DESIGNS

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E

TIP NO.	SHEET NO.
DE00325	SIGN-4-4T

APPROVED: DocuSigned by: Andrew D Klinksick E3D78FB4596E44B... DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSICK

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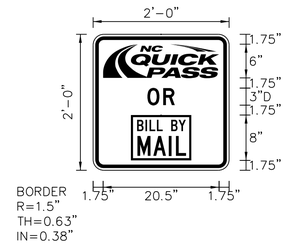
SIGN NUMBER: NCQP OR BBM
TYPE: F
QUANTITY: 4
SIGN WIDTH: 2'-0"
HEIGHT: 2'-0"
TOTAL AREA: 4.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.63"
RADII: 1.5"
NO. Z BARS:
LENGTH:

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.063" ALUMINUM

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade C reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																											Series/Size Text Length
																														D 2000
	9.6	2.8	2	9.6																										4.8

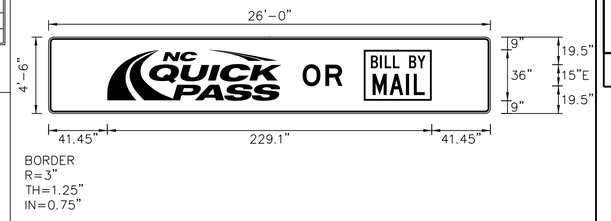
SIGN NUMBER: 4-37B
TYPE: A (OVHD)
QUANTITY: 1
SIGN WIDTH: 26'-0"
HEIGHT: 4'-6"
TOTAL AREA: 117.0 Sq.Ft.
BORDER TYPE: RECESSED
RECESS: 0.75"
WIDTH: 1.25"
RADII: 3"
NO. Z BARS: 2
LENGTH: 304.0

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
NC QUICK PASS	41.5	9	122.9	36
BILL BY MAIL	222.5	9	48	36

MAT'L: 0.125" ALUMINUM

DESIGN BY: TRT CHECKED BY: ADK
PROJECT ID: DE00325 DIV: 05 DATE: May 2021



Spacing Factor is 1 unless specified otherwise

NOTES:

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. "NC QUICK PASS" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be Grade A reflective sheeting.
4. "BILL BY MAIL" panel shall be white Grade C sheeting on 0.032" aluminum and demountable. Legend shall be direct applied black non-reflective sheeting.
5. Use Attachment Method II.

LETTER POSITIONS

Letter spacings are to start of next letter

		O	R																											Series/Size Text Length
	179.3	16	12.2	104.5																										

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SIGN DESIGNS

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4-501 4-503



TWO "U" POSTS PER ASSEMBLY

4-502 4-504



TWO "U" POSTS PER ASSEMBLY

4-505



ONE "U" POST PER ASSEMBLY
SEE SIGN-4-4T FOR
24″x24″ "NCQP OR BBM" PANEL DESIGN

4-506



ONE "U" POST PER ASSEMBLY
SEE SIGN-4-4T FOR
24″x24″ "NCQP OR BBM" PANEL DESIGN

4-507



ONE "U" POST PER ASSEMBLY
SEE SIGN-4-4T FOR
24″x24″ "NCQP OR BBM" PANEL DESIGN

4-508



ONE "U" POST PER ASSEMBLY
SEE SIGN-4-4T FOR
24″x24″ "NCQP OR BBM" PANEL DESIGN

4-801 4-802 4-803 4-804



SEE NOTES 1 AND 2.
EXISTING SUPPORT SIZES ARE AS FOLLOWS:
4-801 = W6x12 4-802 = W6x12
4-803 = W6x9 4-804 = W6x12
SEE SIGN-4-4S FOR
36″x36″ "NCQP OR BBM" PANEL DESIGN

TIP NO.	SHEET NO.
DE00325	SIGN-4-4U

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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NOTES:
1. AFFIX PANELS TO "Z" BARS WITH VHB TAPE. SEE SIGN-I. DO NOT DRILL HOLES IN PANELS.
2. MOUNT PROPOSED PANELS TO EXISTING SUPPORTS. SEE SIGN-H.

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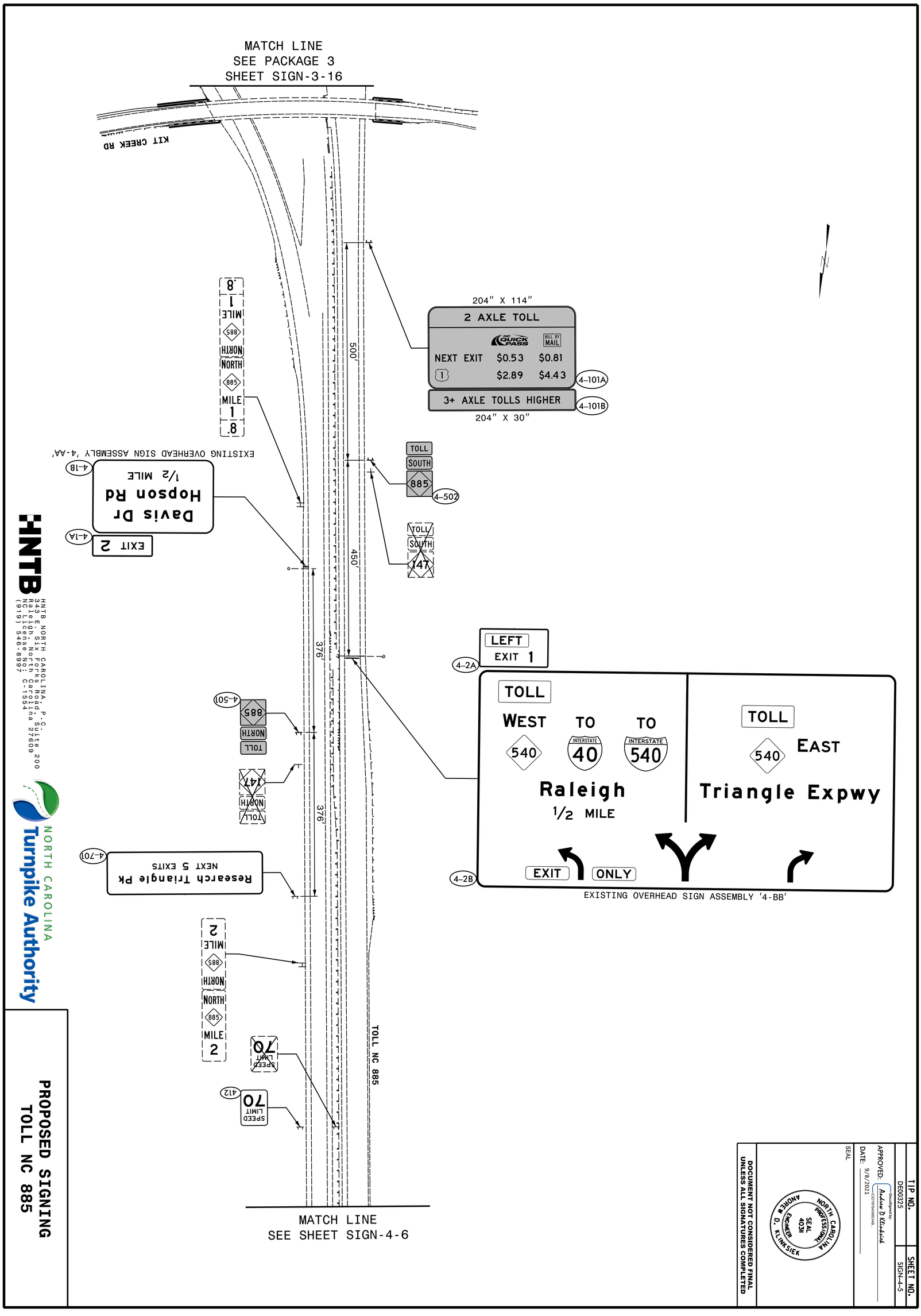
ROUTE MARKER ASSEMBLIES


MATCH LINE
SEE PACKAGE 3
SHEET SIGN-3-16
KIT CREEK RD
204" X 114"
2 AXLE TOLL
NEXT EXIT $0.53 $0.81
1 $2.89 $4.43
4-101A
3+ AXLE TOLLS HIGHER
4-101B
204" X 30"
500'
450'
376'
376'
TOLL
SOUTH
885
4-502
TOLL
SOUTH
147
EXISTING OVERHEAD SIGN ASSEMBLY '4-AA'
4-1B
Davis Dr
Hopson Rd
1/2 MILE
EXIT 2
4-1A
LEFT
EXIT 1
4-2A
TOLL
WEST
TO
TO
540
INTERSTATE
40
INTERSTATE
540
Raleigh
1/2 MILE
TOLL
540
EAST
Triangle Expwy
EXIT
ONLY
4-2B
EXISTING OVERHEAD SIGN ASSEMBLY '4-BB'
4-501
885
NORTH
TOLL
147
NORTH
TOLL
4-701
Research Triangle Pk
NEXT 5 EXITS
MILE
2
885
NORTH
NORTH
885
MILE
2
SPEED LIMIT
70
412
SPEED LIMIT
70
TOLL NC 885
MATCH LINE
SEE SHEET SIGN-4-6
HNTB
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NORTH CAROLINA
Turnpike Authority
PROPOSED SIGNING
TOLL NC 885
TIP NO.
DE00325
SHEET NO.
SIGN-4-5
APPROVED:
DATE: 9/8/2021
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 403II ENGINEER ANDREW D. KLINKSIEK
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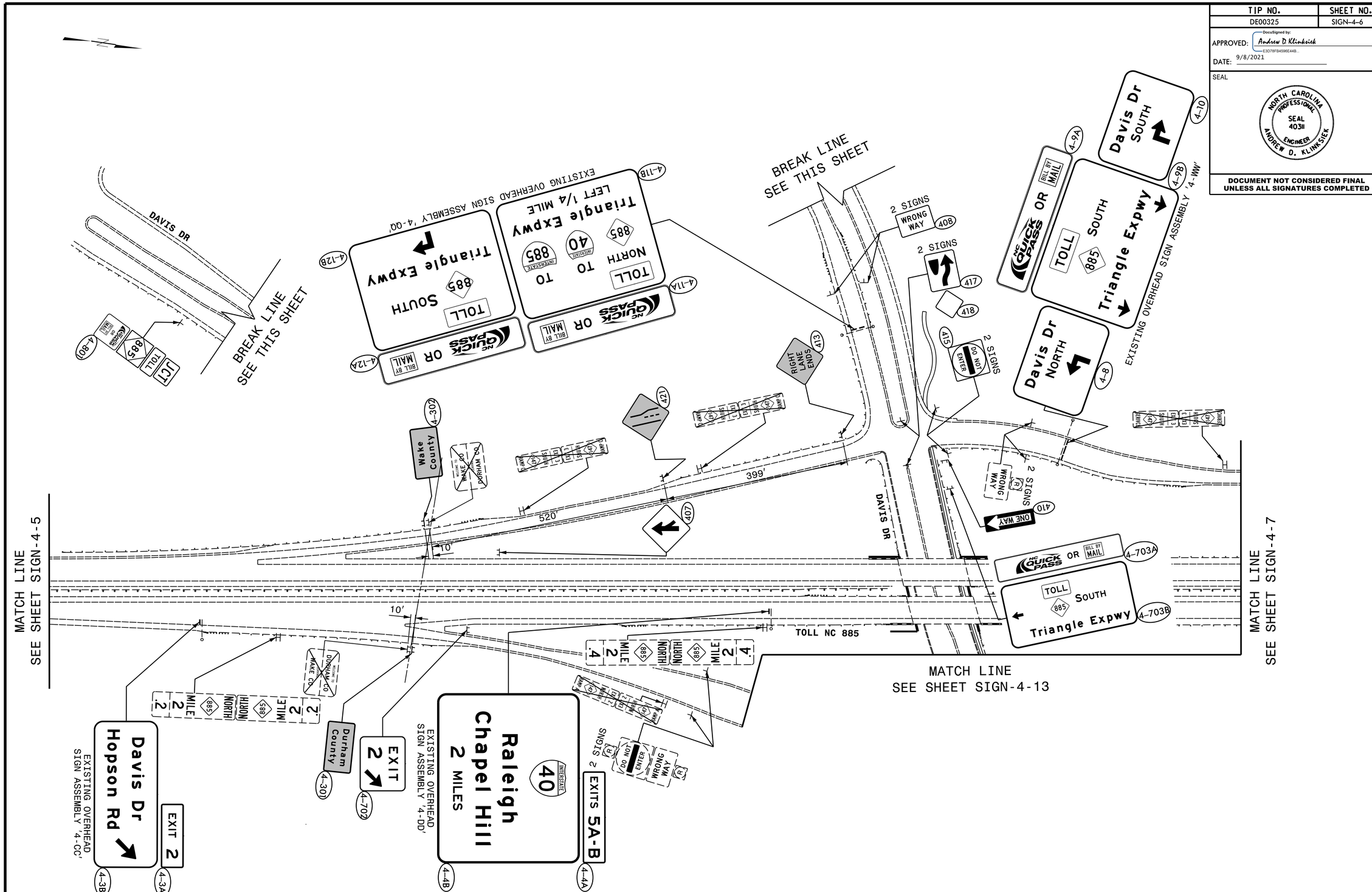

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PROPOSED SIGNING
TOLL NC 885 / DAVIS DR

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TIP NO.	SHEET NO.
DE00325	SIGN-4-7

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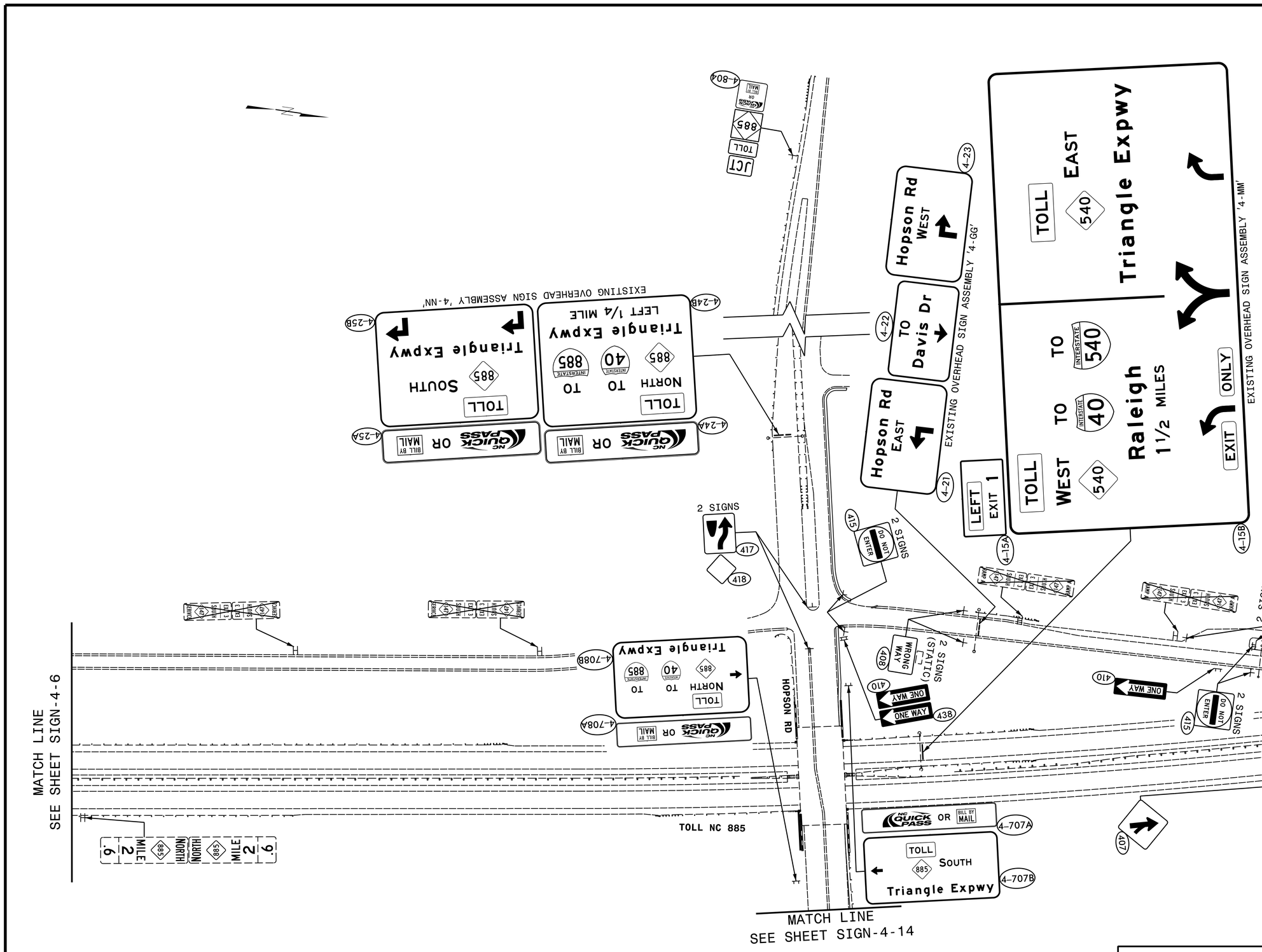

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PROPOSED SIGNING TOLL NC 885 / HOPSON RD

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TIP NO.	SHEET NO.
DE00325	SIGN-4-8

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DATE: 9/8/2021

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NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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TOLL RATES

2 AXLES	$0.39	$0.60	$1.20
3 AXLES	$0.78		$2.40
4+ AXLES	$1.56		

BILL BY MAIL

TOLL COLLECTION

ALL OTHERS TRANSPONDER

BILL BY MAIL

EXIT 3 (4-28A)

Hopson Rd (4-28B)
Davis Dr

EXISTING OVERHEAD SIGN ASSEMBLY '4-HH'

408 2 WRONG WAY SIGNS

EXIT 3 (4-70A)

MATCH LINE SEE SHEET SIGN-4-7

MATCH LINE SEE SHEET SIGN-4-14

AUTHORIZED VEHICLES ONLY 409

TOLL NC 885

500'

500'

MATCH LINE SEE SHEET SIGN-4-9

885 NORTH TOLL (4-50B)

TOLL NORTH 147 (4-26B)

INTERSTATE 40 WEST Chapel Hill 1 1/4 MILES (4-26A) EXIT 5B

INTERSTATE 40 EAST Raleigh 1 MILE EXIT ONLY (4-27B) EXIT 5A (4-27A)

EXISTING OVERHEAD SIGN ASSEMBLY '4-II'

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PROPOSED SIGNING
TOLL NC 885

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TIP NO.	SHEET NO.
DE00325	SIGN-4-9

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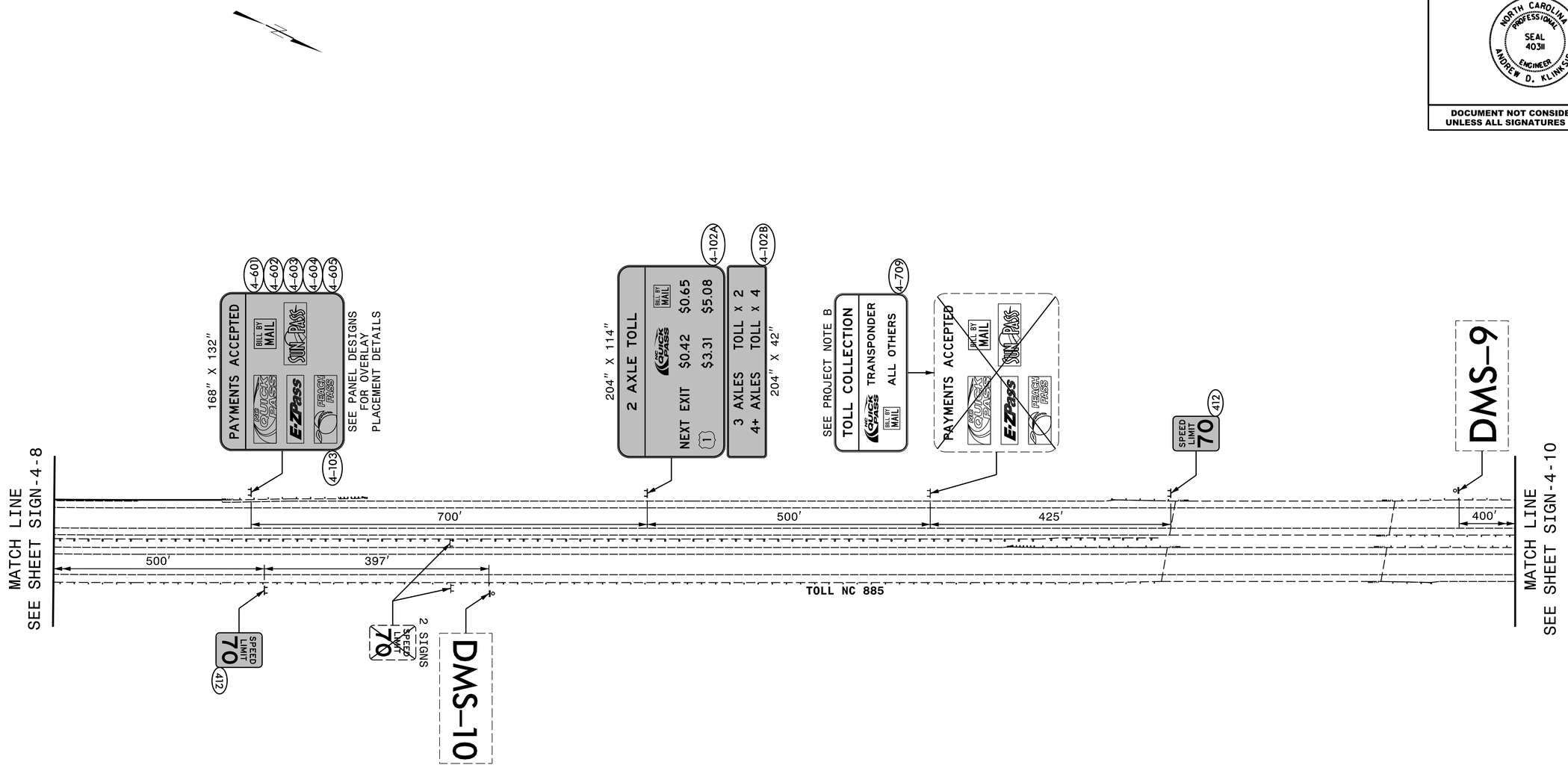

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TOLL NC 885

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TIP NO.	SHEET NO.
DE00325	SIGN-4-10

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DATE: 9/8/2021

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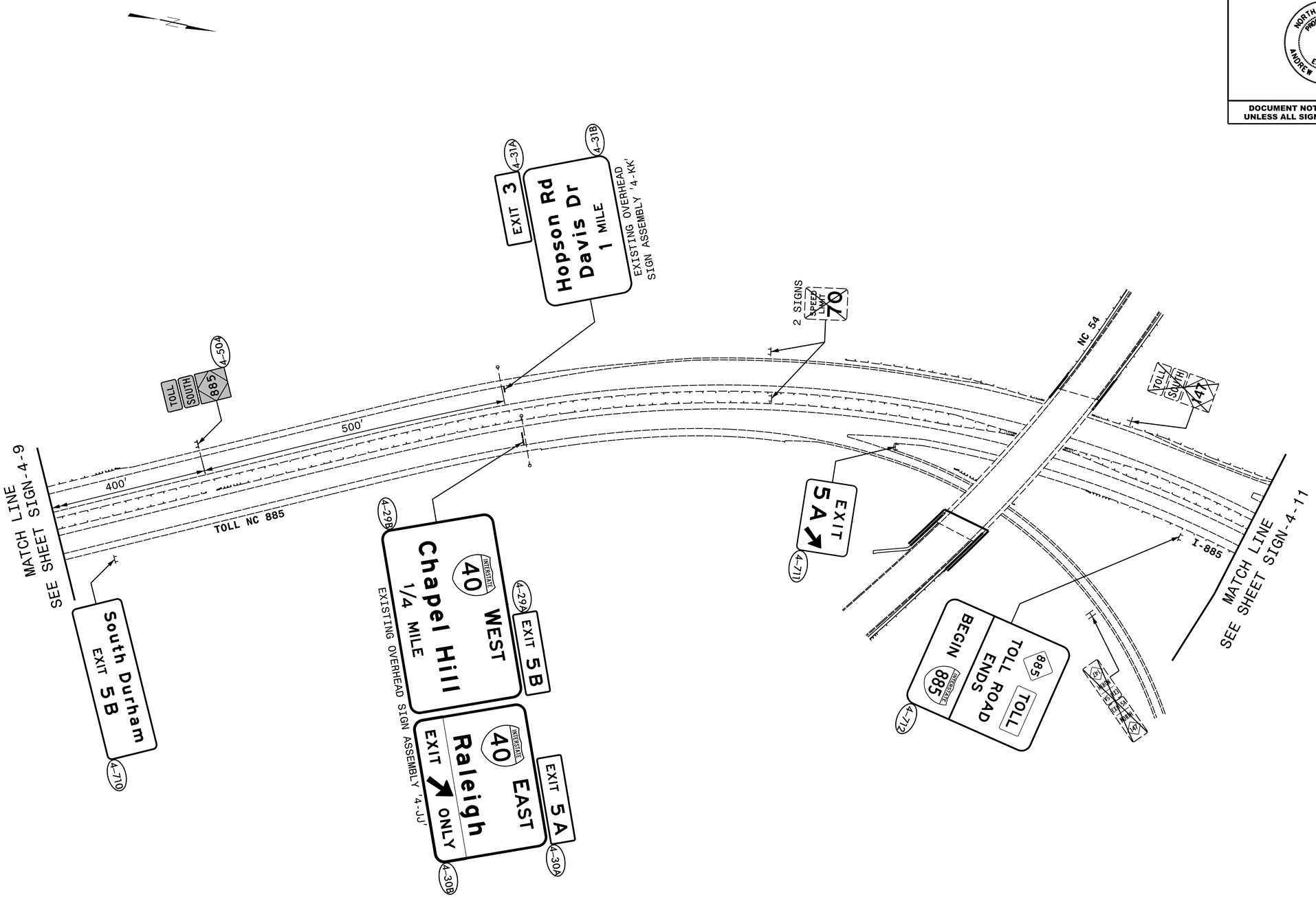

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PROPOSED SIGNING
TOLL NC 885 / I-885

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TIP NO.	SHEET NO.
DE00325	SIGN-4-11

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DATE: 9/8/2021

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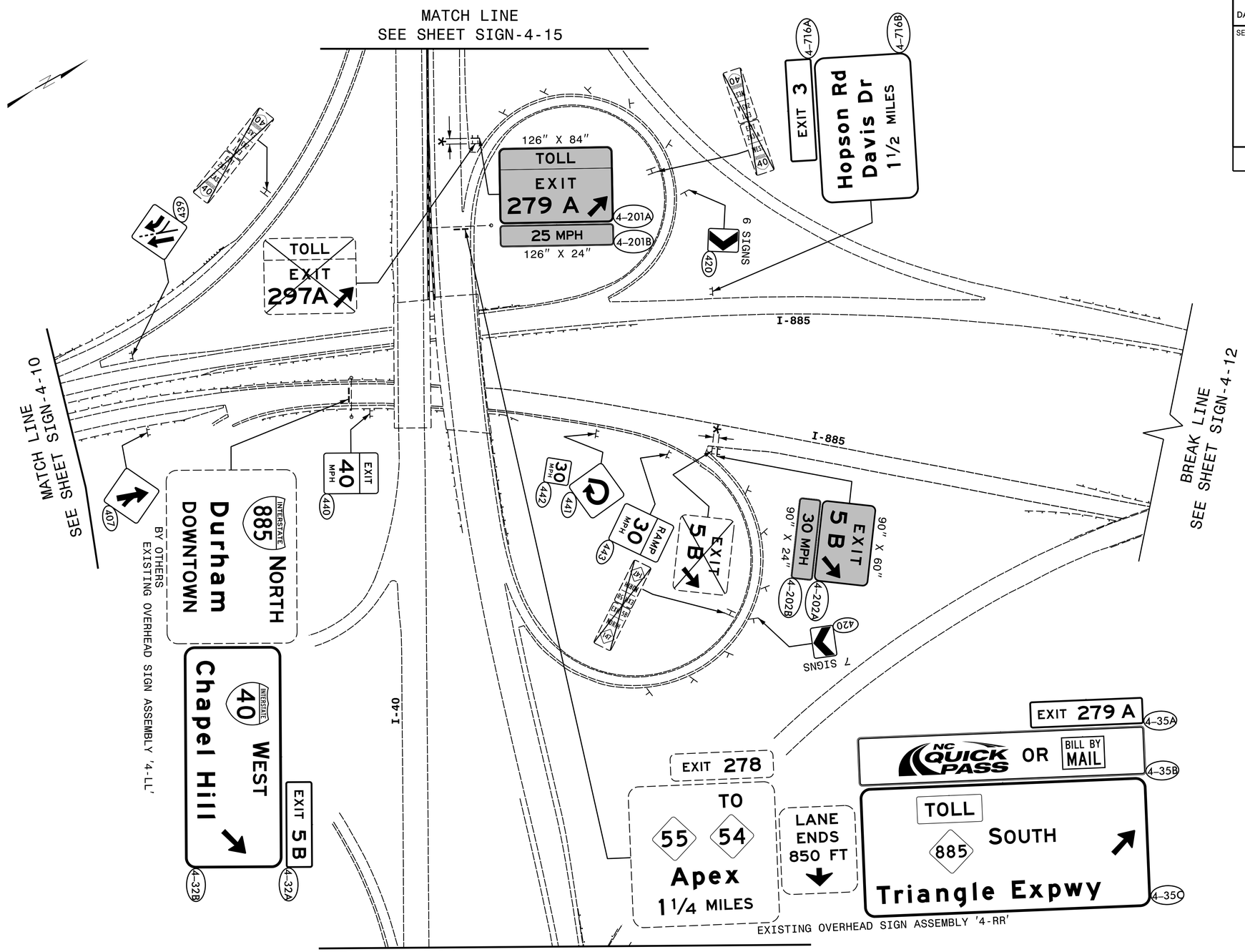

*TO BE DETERMINED BY CONTRACTOR IN FIELD DURING FIELD VERIFICATION

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PROPOSED SIGNING I-885 AND I-40

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TIP NO.	SHEET NO.
DE00325	SIGN-4-12

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DATE: 9/8/2021

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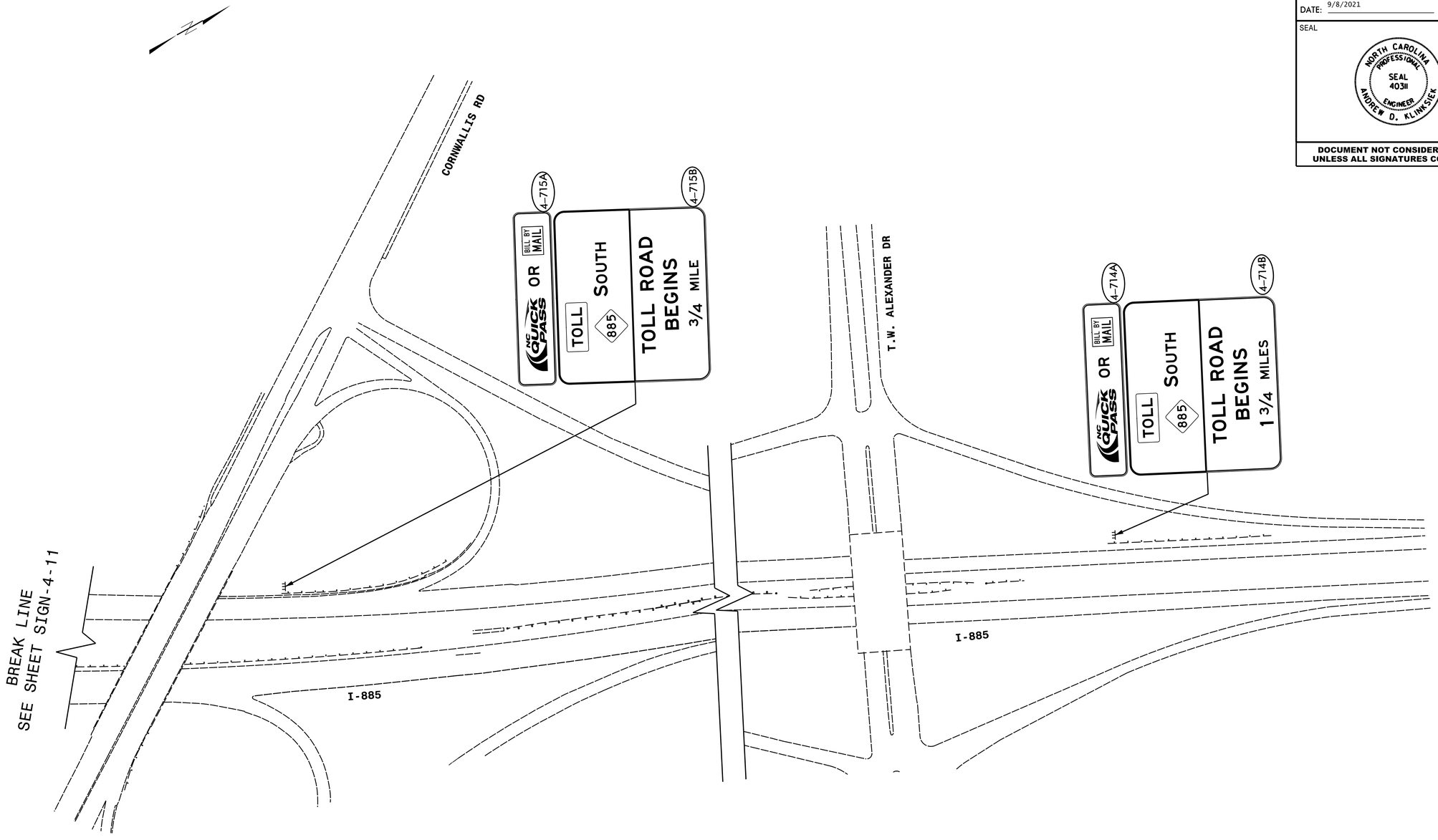

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PROPOSED SIGNING I-885

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TIP NO.	SHEET NO.
DE00325	SIGN-4-13

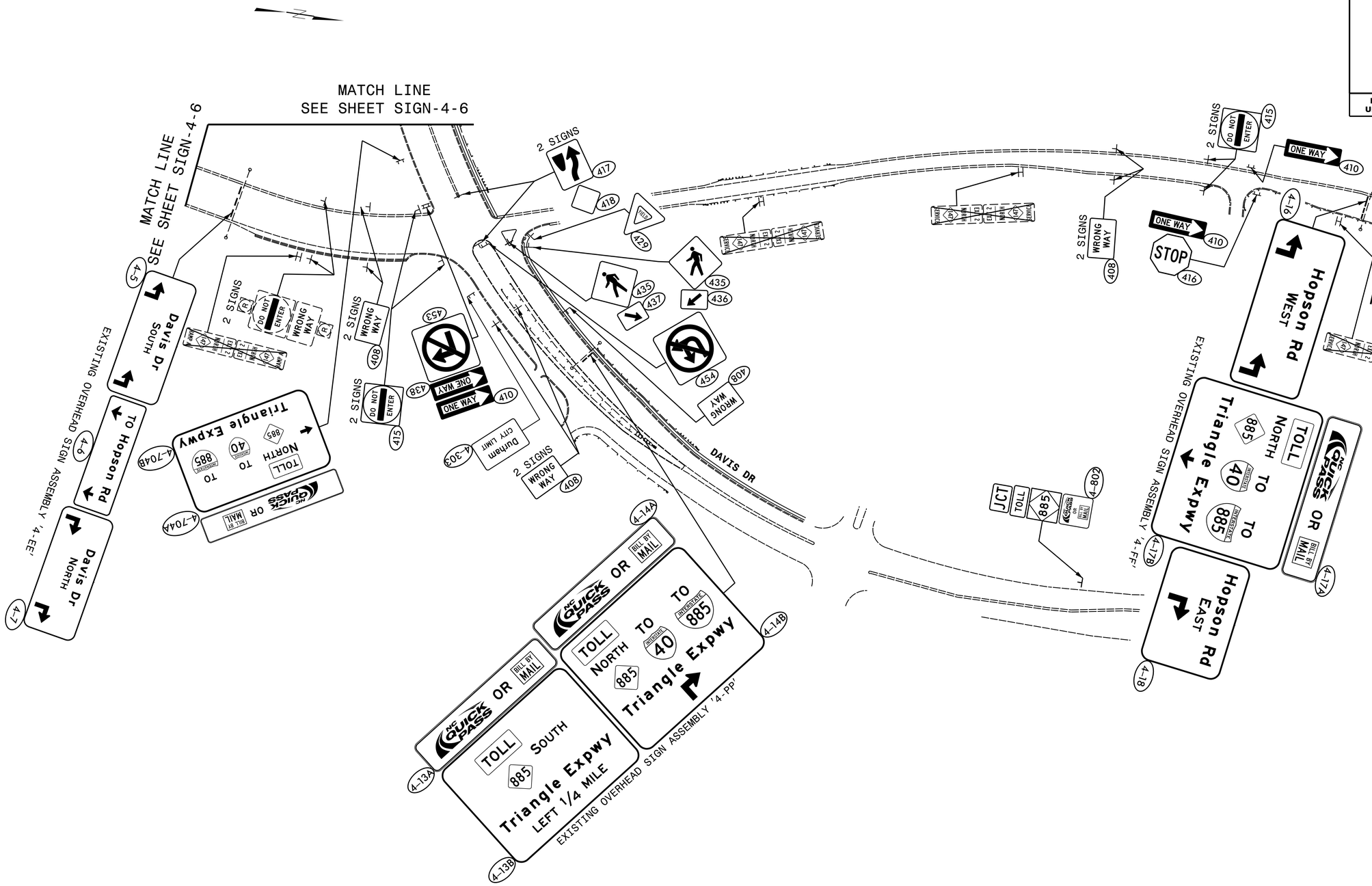
APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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PROPOSED SIGNING
DAVIS DR

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TIP NO.	SHEET NO.
DE00325	SIGN-4-14

APPROVED: DocuSigned by: Andrew D Klinksiek E3D78FB45966E44B...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 40311 ENGINEER ANDREW D. KLINKSIEK

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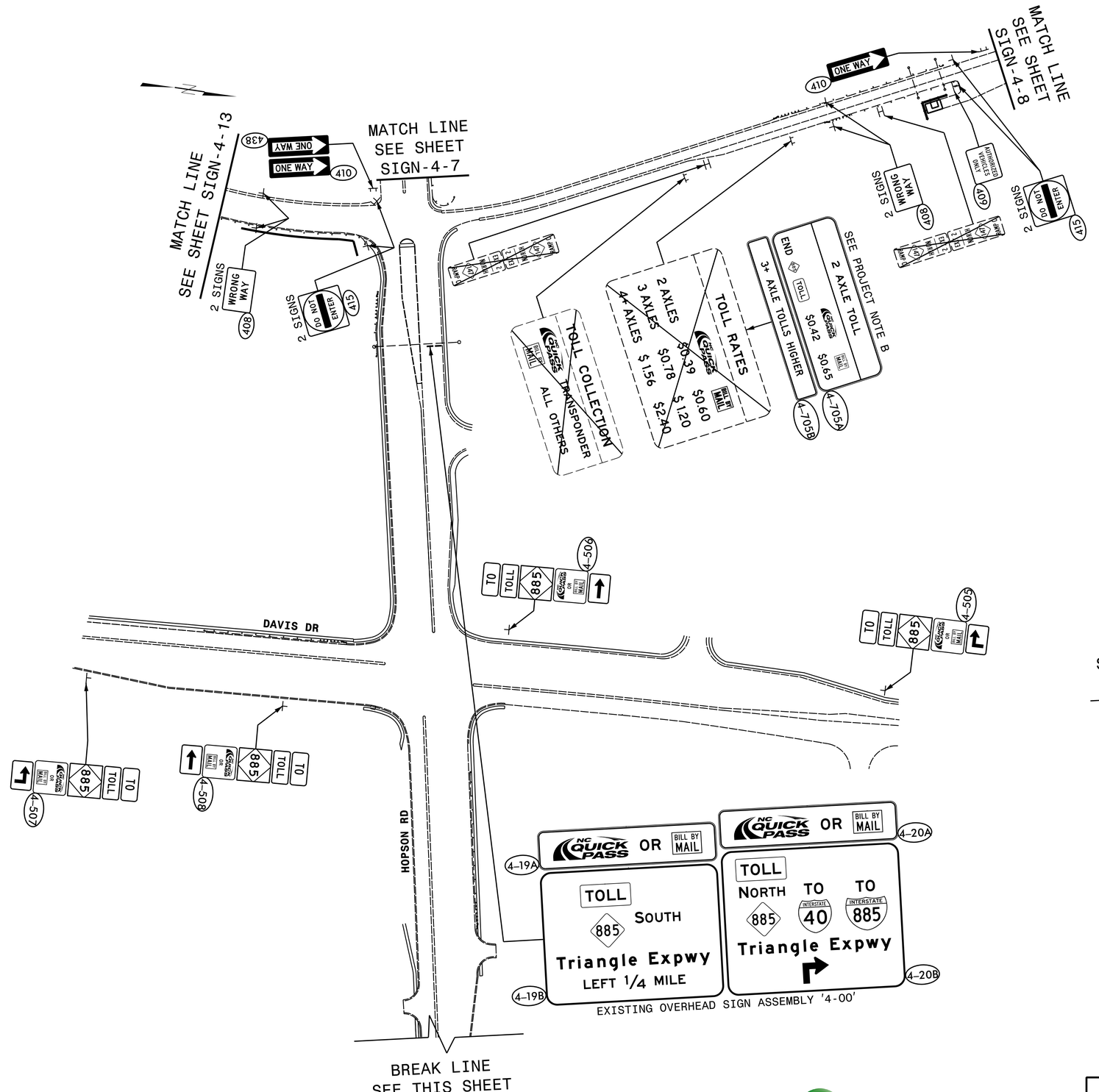

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NORTH CAROLINA Turnpike Authority

PROPOSED SIGNING
DAVIS DR / HOPSON RD

TIP NO.	SHEET NO.
DE00325	SIGN-4-15

APPROVED: DocuSigned by: Andrew D Klubnik E3D79F8A59954A8...

DATE: 9/8/2021

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 4031 ENGINEER ANDREW D. KLUBNIK

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROPOSED SIGNING
I-40 EB

NORTH CAROLINA Turnpike Authority

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Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

MATCH LINE
SEE SHEET SIGN-4-11

I-40

TOLL
EXIT
279 A
4-713

T.W. ALEXANDER DR

EXIT 279 A
4-37A
NC QUICK PASS OR BILL BY MAIL
4-37B

EXIT 279B

INTERSTATE 885 NORTH TO 147
Durham Frwy
1/4 MILE
BY OTHERS

TOLL
885 SOUTH
Triangle Expwy
BY OTHERS

EXISTING OVERHEAD SIGN ASSEMBLY '4-TT'

EXIT 279 A
4-36A
NC QUICK PASS OR BILL BY MAIL
4-36B

EXIT 279B

INTERSTATE 885 NORTH TO 147
Durham Frwy
3/4 MILE
BY OTHERS

TOLL
885 SOUTH
Triangle Expwy
1/2 MILE
BY OTHERS

EXISTING OVERHEAD SIGN ASSEMBLY '4-SS'

I-40

DocuSign Envelope ID: D0E6B6D4-63F0-42BB-8C4F-9E84270F7A4E

DocuSign Envelope ID: DD5DB6D4-63F0-428B-9C4F-9E8427DF7A4E

TIP NO.	SHEET NO.
DE00325	SIGN-4-16

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DATE: 9/8/2021

SEAL

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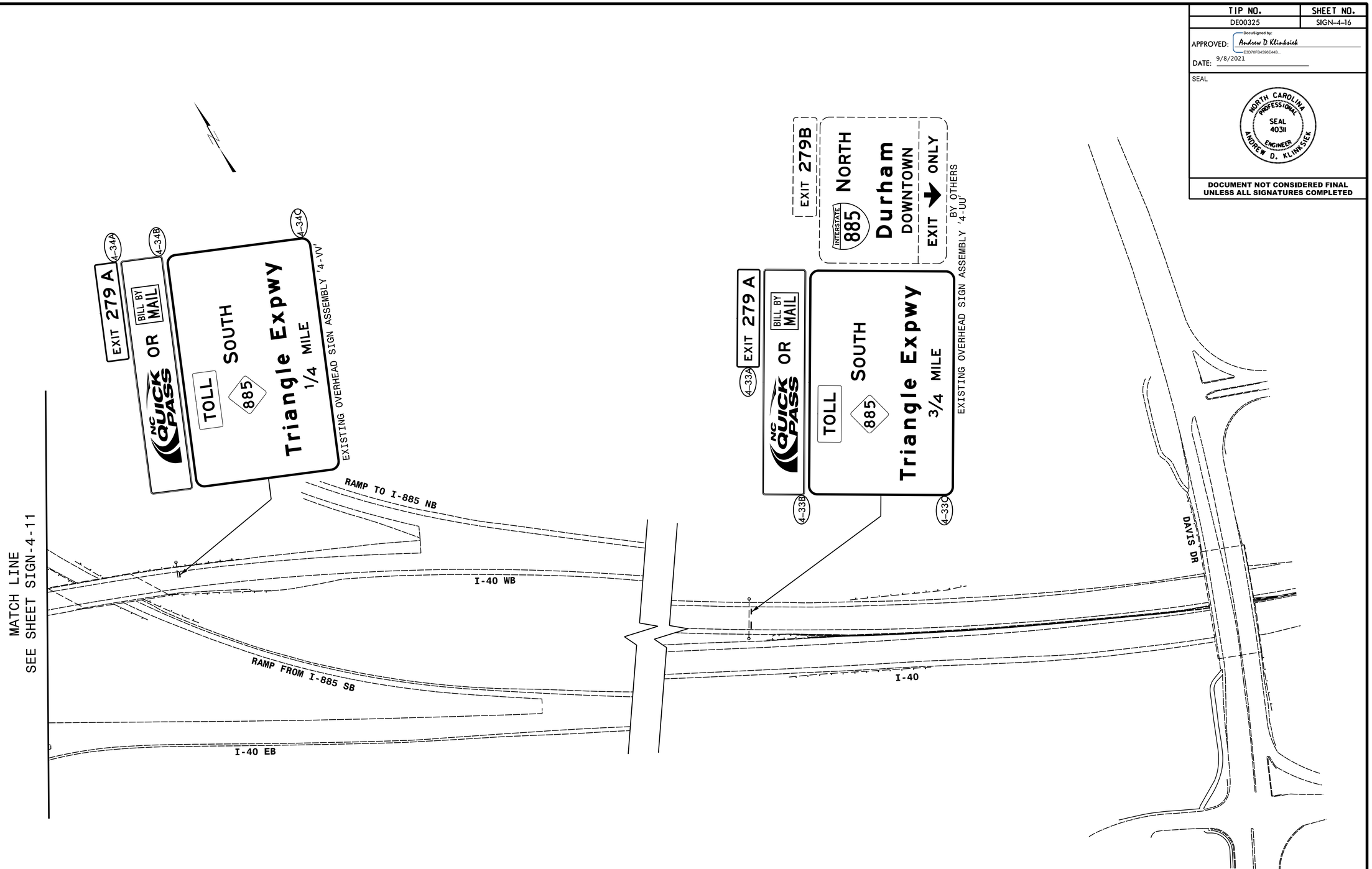

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