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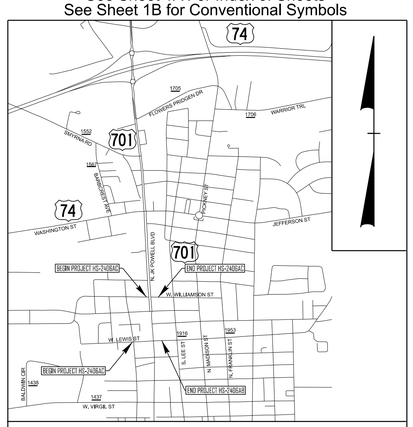
11/20/25

TIP PROJECT: HS-2406AB/AC

CONTRACT: DF00557

See Sheet 1A For Index of Sheets
See Sheet 1B for Conventional Symbols



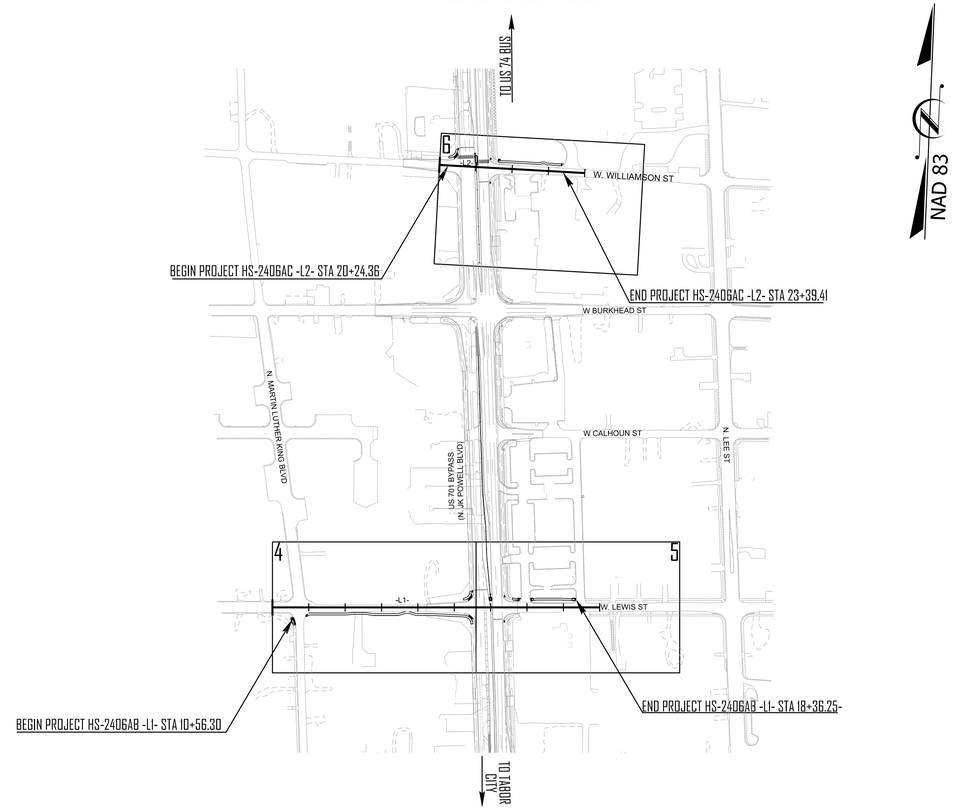
VICINITY MAP (NTS)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: *US-701 BYP AT WEST WILLIAMSON STREET*
US-701 BYP AT WEST LEWIS STREET
WHITEVILLE, NC

TYPE OF WORK: *CONCRETE RAMPS, CONCRETE SIDEWALK, PEDESTRIAN RRFB CROSSING SIGNALS AND FENCING*



NAD 83

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2406AB/AC	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
50978.1.30		PE
50978.3.31	5097831	CONST
50978.1.31		PE
50978.3.32	5097832	CONST

GRAPHIC SCALES

25 10 0 20 40

PLANS

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT HS-2406AB/AC = 0.175 MILES

TOTAL LENGTH OF TIP PROJECT HS-2406AB/AC = 0.175 MILES

Prepared in the Office of:

McADAMS

The John R. McAdams Company, Inc.
621 Hillsborough Street Suite 500 Raleigh, NC 27603
N.C.B.E.L.S. License Number: C-0293

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:
AUGUST 19, 2026

ANDREW AIEZZA, PE
PROJECT ENGINEER

ISAIAH SANDERS,EI
PROJECT DESIGN ENGINEER

JULIO B. WILLIAMS
NCDOT CONTACT

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. AIEZZA

Signed by:
Andrew J. Aiezza P.E.
SIGNATURE: 1A6D2391BC4B0...

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

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INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
4 THRU 6	PLAN SHEETS
TMP-1	TRAFFIC CONTROL NOTES
SIG-1 THRU SIG-2	SIGNAL PLANS

GENERAL NOTES

2024 SPECIFICATIONS
EFFECTIVE: 01-16-24
REVISED:

SIDE ROADS

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE UNIT CONTRACT PRICES FOR THE PARTICULAR ITEMS INVOLVED

SUBSURFACE PLANS

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS

CURB RAMPS

CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD. 848.06

EFF. 08-11-2025
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
840.14	Concrete Drop Inlet
840.16	Drop Inlet Frame and Grates
840.72	Pipe Collar
848.01	Concrete Sidewalk
848.06	Curb Ramp
866.01	Chain Link Fence
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
1101.01	Work Zone Advance Warning Signs
1101.02	Temporary Road Closures
1101.11	Traffic Control Design Tables
1110.01	Stationary Work Zone Signs
1115.01	Flashing Arrow Boards
1130.01	Drums
1180.01	Skinny Drums
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings - Line Types and Offsets
1205.07	Pavement Markings - Pedestrian Crosswalks

HS-2406AB/AC
1A

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. NIEZGODA
7/29/2026
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PREPARED BY
McADAMS
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REVISIONS

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Note: Not to Scale

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

- State Line
- County Line
- Township Line
- City Line
- Reservation Line
- Property Line
- Existing Iron Pin (EIP)
- Computed Property Corner
- Existing Concrete Monument (ECM)
- Parcel / Sequence Number
- Existing Fence Line
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary
- Proposed Wetland Boundary
- Existing Endangered Animal Boundary
- Existing Endangered Plant Boundary
- Existing Historic Property Boundary
- Known Contamination Area: Soil
- Potential Contamination Area: Soil
- Known Contamination Area: Water
- Potential Contamination Area: Water
- Contaminated Site: Known or Potential

BUILDINGS AND OTHER CULTURE:

- Gas Pump Vent or U/G Tank Cap
- Sign
- Well
- Small Mine
- Foundation
- Area Outline
- Cemetery
- Building
- School
- Church
- Dam

HYDROLOGY:

- Stream or Body of Water
- Hydro, Pool or Reservoir
- Jurisdictional Stream
- Buffer Zone 1
- Buffer Zone 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch
- False Sump

RAILROADS:

- Standard Gauge
- RR Signal Milepost
- Switch
- RR Abandoned
- RR Dismantled

RIGHT OF WAY & PROJECT CONTROL:

- Primary Horiz Control Point
- Primary Horiz and Vert Control Point
- Secondary Horiz and Vert Control Point
- Vertical Benchmark
- Existing Right of Way Monument
- Proposed Right of Way Monument (Rebar and Cap)
- Proposed Right of Way Monument (Concrete)
- Existing Permanent Easement Monument
- Proposed Permanent Easement Monument (Rebar and Cap)
- Existing C/A Monument
- Proposed C/A Monument (Rebar and Cap)
- Proposed C/A Monument (Concrete)
- Existing Right of Way Line
- Proposed Right of Way Line
- Existing Control of Access Line
- Proposed Control of Access Line
- Proposed ROW and CA Line
- Existing Easement Line
- Proposed Temporary Construction Easement
- Permanent Construction Easement
- Proposed Temporary Drainage Easement
- Proposed Permanent Drainage Easement
- Proposed Permanent Drainage/Utility Easement
- Proposed Permanent Utility Easement
- Proposed Temporary Utility Easement
- Proposed Aerial Utility Easement

ROADS AND RELATED FEATURES:

- Existing Edge of Pavement
- Existing Curb
- Proposed Slope Stakes Cut
- Proposed Slope Stakes Fill
- Proposed Curb Ramp
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard

EXISTING STRUCTURES:

MAJOR:

- Bridge, Tunnel or Box Culvert
- Bridge Wing Wall, Head Wall and End Wall

MINOR:

- Head and End Wall
- Pipe Culvert
- Footbridge
- Drainage Box: Catch Basin, DI or JB
- Paved Ditch Gutter
- Storm Sewer Manhole
- Storm Sewer

UTILITIES:

** SUE - Subsurface Utility Engineering*
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:

- Existing Power Pole
- Proposed Power Pole
- Existing Joint Use Pole
- Proposed Joint Use Pole
- Power Manhole
- Power Line Tower
- Power Transformer
- U/G Power Cable Hand Hole
- H-Frame Pole
- U/G Power Line Test Hole (SUE - LOS A)*
- U/G Power Line (SUE - LOS B)*
- U/G Power Line (SUE - LOS C)*
- U/G Power Line (SUE - LOS D)*

TELEPHONE:

- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole
- Telephone Pedestal
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole
- U/G Telephone Test Hole (SUE - LOS A)*
- U/G Telephone Cable (SUE - LOS B)*
- U/G Telephone Cable (SUE - LOS C)*
- U/G Telephone Cable (SUE - LOS D)*
- U/G Telephone Conduit (SUE - LOS B)*
- U/G Telephone Conduit (SUE - LOS C)*
- U/G Telephone Conduit (SUE - LOS D)*
- U/G Fiber Optics Cable (SUE - LOS B)*
- U/G Fiber Optics Cable (SUE - LOS C)*
- U/G Fiber Optics Cable (SUE - LOS D)*

WATER:

- Water Manhole
- Water Meter
- Water Valve
- Water Hydrant
- U/G Water Line Test Hole (SUE - LOS A)*
- U/G Water Line (SUE - LOS B)*
- U/G Water Line (SUE - LOS C)*
- U/G Water Line (SUE - LOS D)*
- Above Ground Water Line

TV:

- TV Pedestal
- TV Tower
- U/G TV Cable Hand Hole
- U/G TV Test Hole (SUE - LOS A)*
- U/G TV Cable (SUE - LOS B)*
- U/G TV Cable (SUE - LOS C)*
- U/G TV Cable (SUE - LOS D)*
- U/G Fiber Optic Cable (SUE - LOS B)*
- U/G Fiber Optic Cable (SUE - LOS C)*
- U/G Fiber Optic Cable (SUE - LOS D)*

GAS:

- Gas Valve
- Gas Meter
- U/G Gas Line Test Hole (SUE - LOS A)*
- U/G Gas Line (SUE - LOS B)*
- U/G Gas Line (SUE - LOS C)*
- U/G Gas Line (SUE - LOS D)*
- Above Ground Gas Line

SANITARY SEWER:

- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line
- Above Ground Sanitary Sewer
- SS Force Main Line Test Hole (SUE - LOS A)*
- SS Force Main Line (SUE - LOS B)*
- SS Force Main Line (SUE - LOS C)*
- SS Force Main Line (SUE - LOS D)*

MISCELLANEOUS:

- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box
- Utility Unknown U/G Line (SUE - LOS B)*
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc.
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

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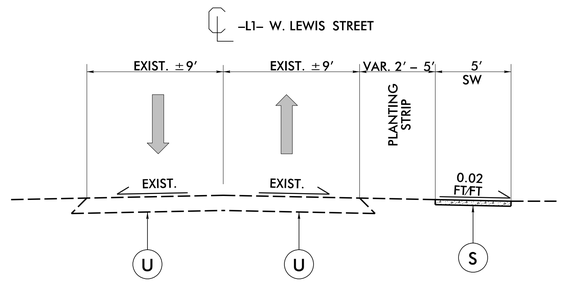
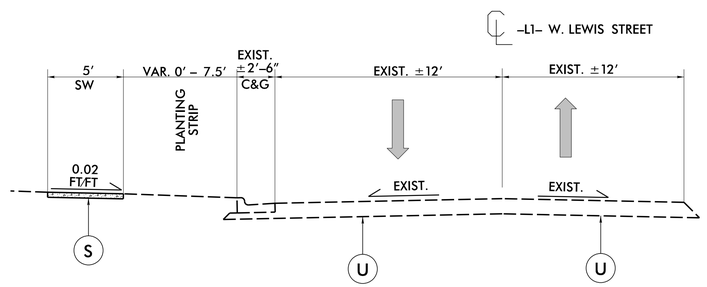
11/14/23

PAVEMENT SCHEDULE	
S	4" CONCRETE SIDEWALK
U	EXISITING PAVEMENT



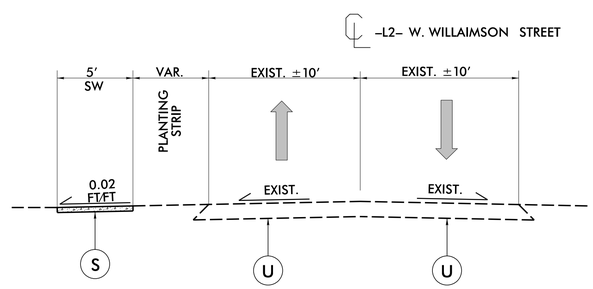
TYPICAL SECTION NO. 01

–L1– STA. 10+56.30 TO STA. 15+44.04



TYPICAL SECTION NO. 02

–L1– STA. 15+44.04 TO STA. 18+36.25



TYPICAL SECTION NO. 03

–L2– STA. 20+24.26 TO STA. 23+39.41

HS-2406AB/AC

2A-1

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. NIEZGODA

7/29/2026

REVIEW

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PREPARED BY

McADAMS

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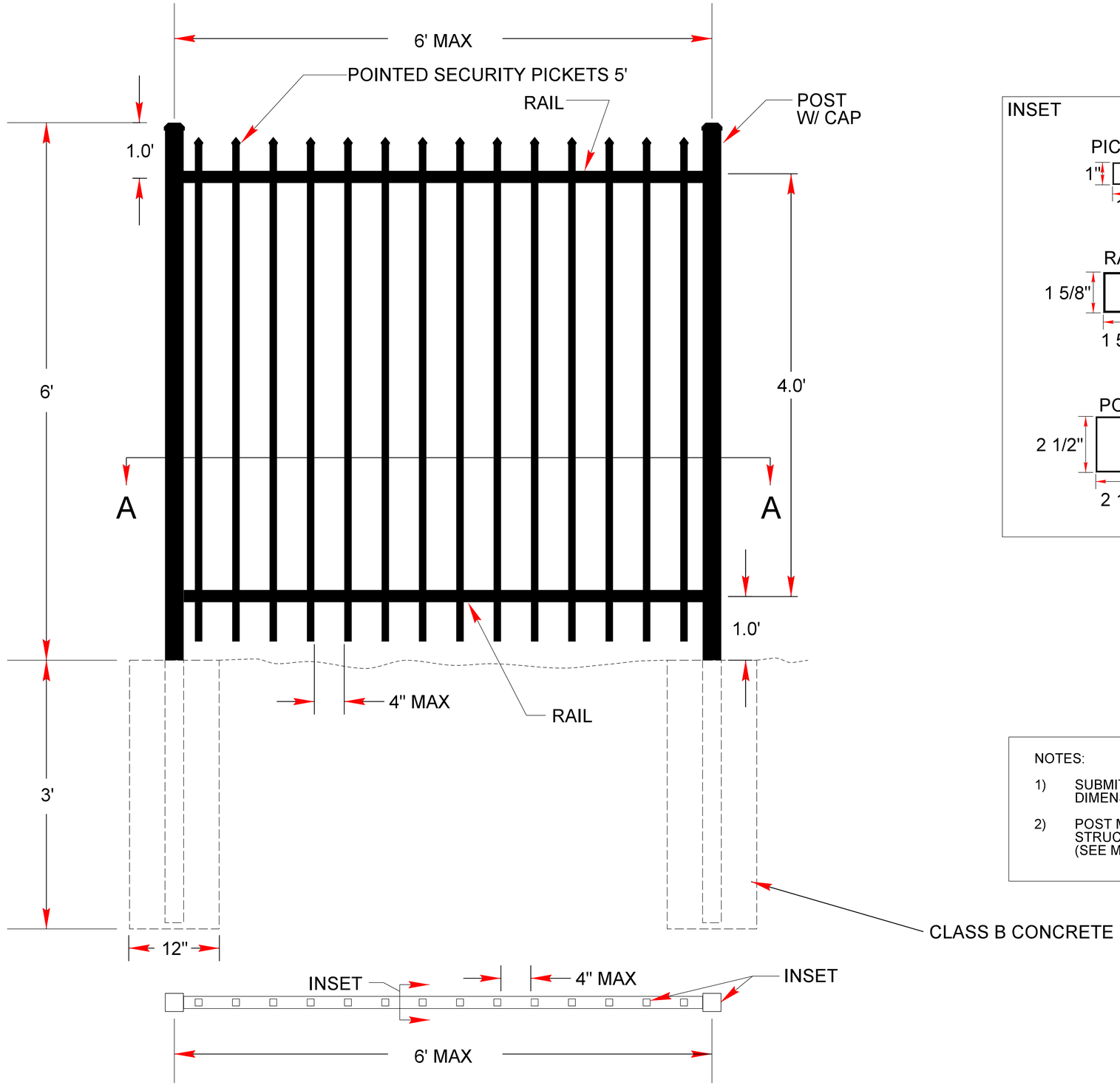
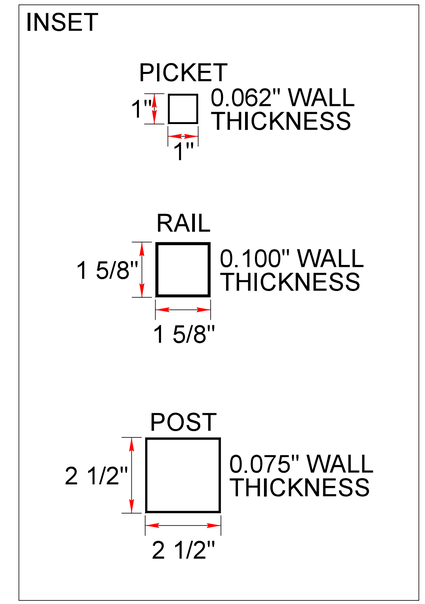


SECTION A-A



NOTES:

1) SUBMIT ANY VARIATIONS IN FENCE DIMENSIONS TO ENGINEER FOR APPROVAL.

2) POST MAY BE DRIVEN IF IT CAUSES NO STRUCTURAL DAMAGE. (SEE MANUFACTURERS RECOMMENDATIONS)

PROJECT SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

ALUMINUM
ORNAMENTAL SECURITY
FENCE

ORIGINAL BY:	K KEMPF	DATE:	4-2009
MODIFIED BY:	J WILLIAMS	DATE:	8-2026
CHECKED BY:		DATE:	
FILE SPEC.:			

$$$$$$SYSTIME$$$$$$
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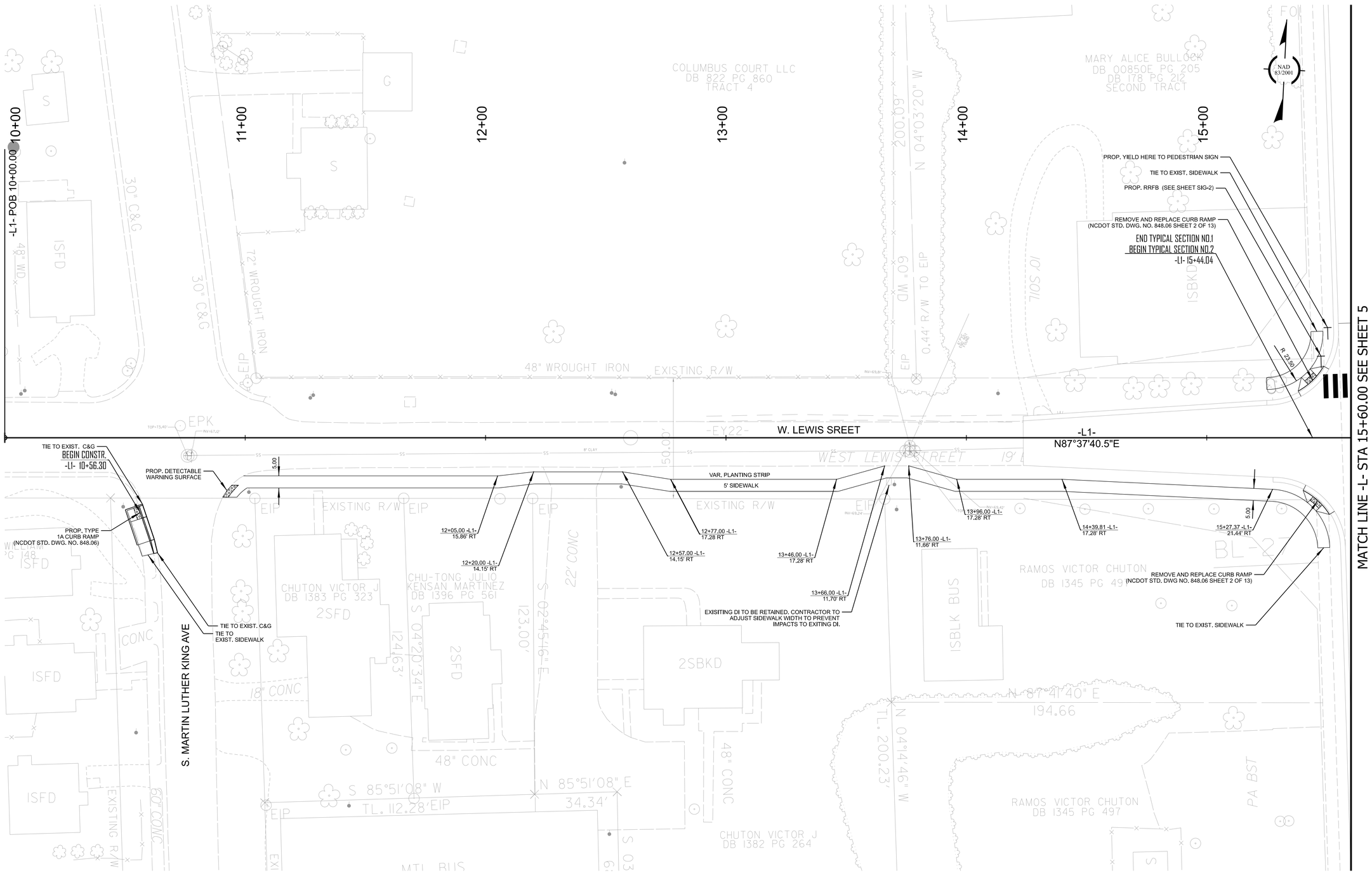
11/14/23



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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. NIEZGODA

7/29/2026

REVIEW

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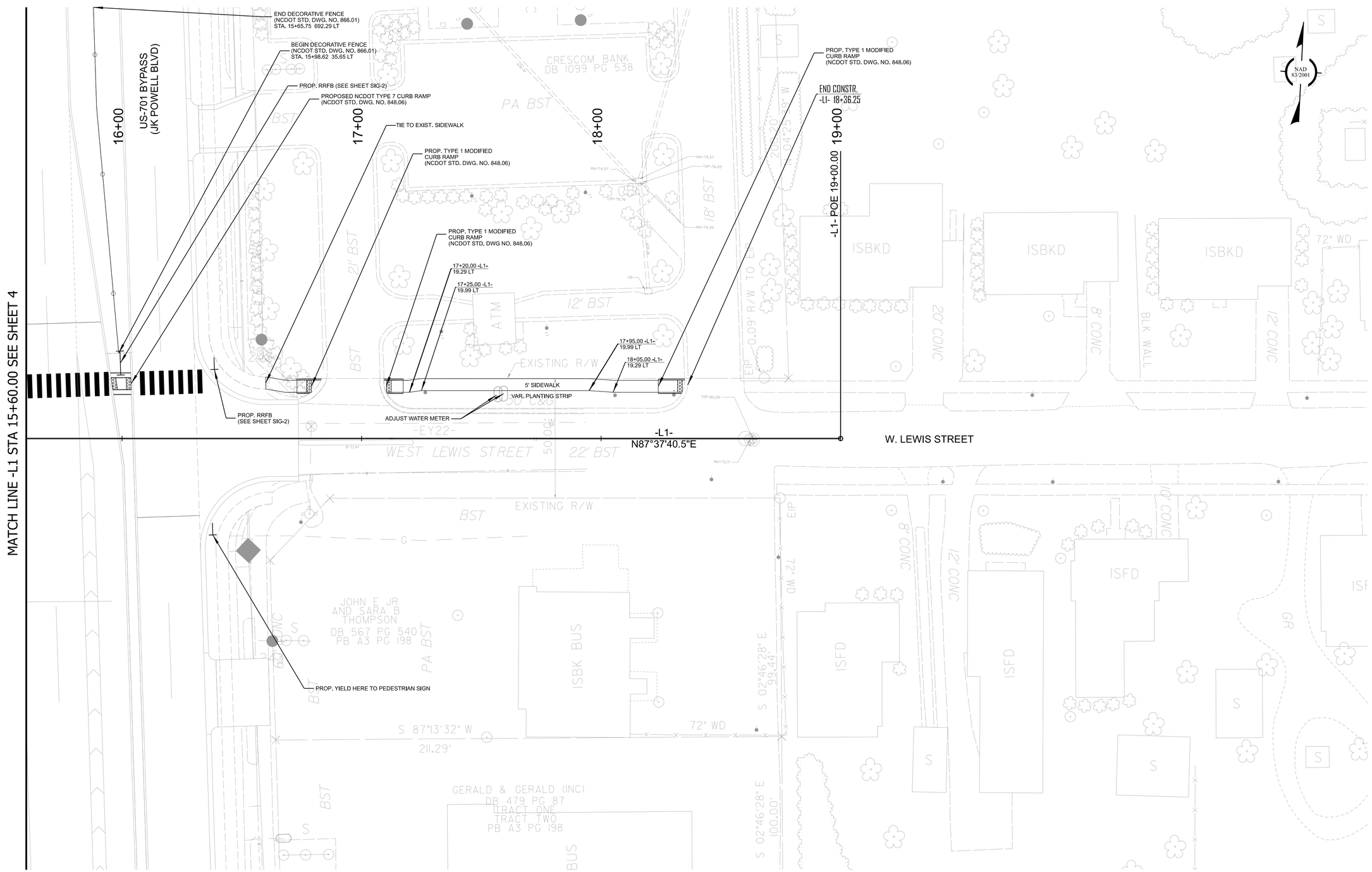

HS-2406AB/AC

5

NORTH CAROLINA
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COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. NIEZGODA

7/29/2026

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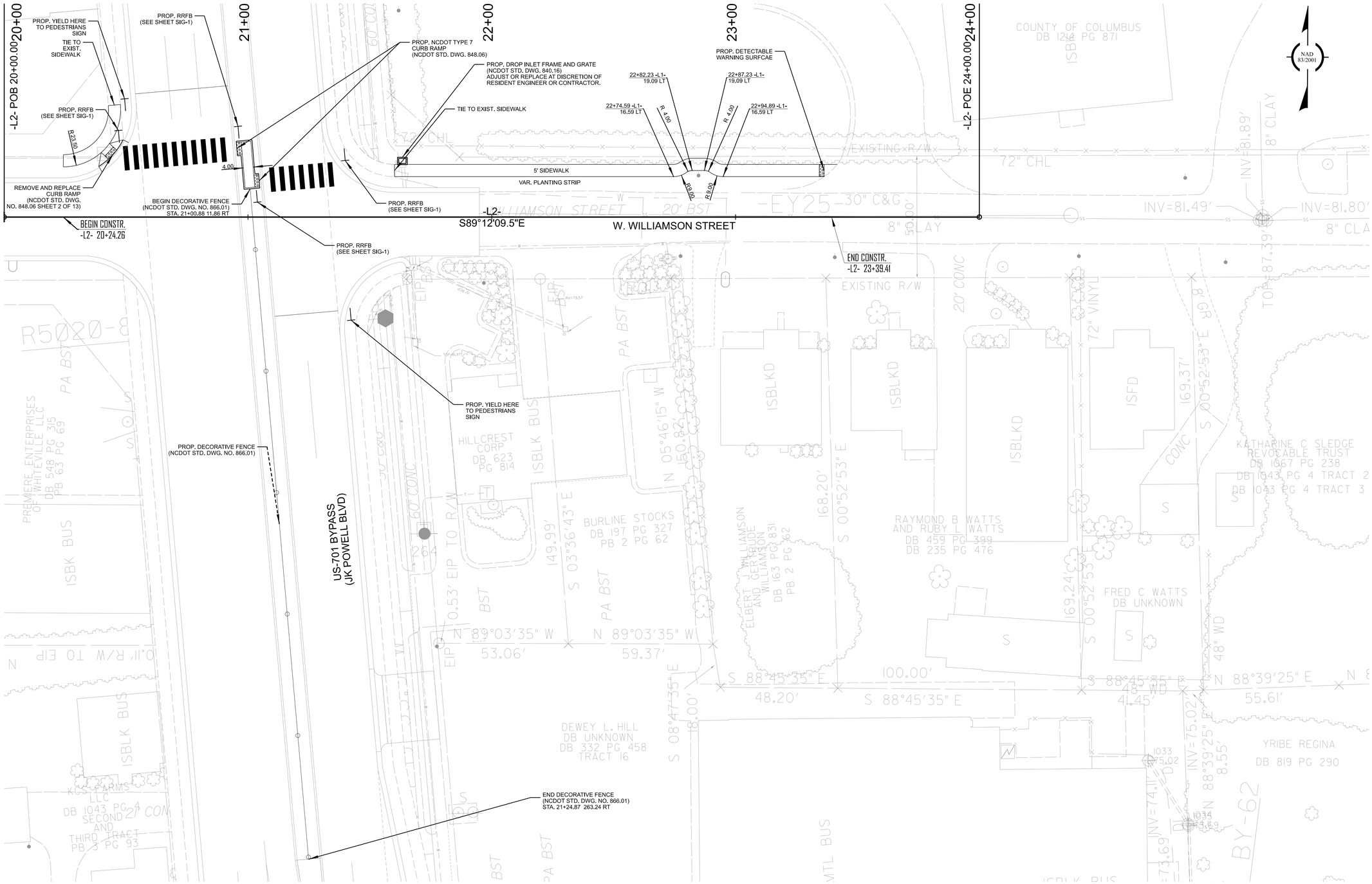

HS-2406AB/AC

6

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. NIELSEN

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TRAFFIC CONTROL NOTES

ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST MUTCD AND 2024 NCDOT STANDARDS

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.

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

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
	MONDAY THROUGH FRIDAY
-L1- W. LEWIS ST.	7:00 AM TO 9:00 AM &
-L2- W. WILLIAMSON ST.	4:00 PM TO 6:00 PM
US-701 BYPASS (JK POWELL BLVD)	

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

ROAD NAME	DAY AND TIME RESTRICTIONS
	MONDAY THROUGH FRIDAY
-L1- W. LEWIS ST.	7:00 AM TO 9:00 AM &
-L2- W. WILLIAMSON ST.	4:00 PM TO 6:00 PM
US-701 BYPASS (JK POWELL BLVD)	
-L2- W. WILLAIMSON ST.	2:30 PM TO 3:30 PM

HOLIDAY TIME RESTRICTIONS

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 6AM DECEMBER 31ST TO 6PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9PM THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 6AM THURSDAY AND 9PM MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6AM FRIDAY AND 9PM TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6AM THE DAY BEFORE INDEPENDENCE DAY AND 9PM THE DAY AFTER INDEPENDENCE DAY.

   IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 9PM THE TUESDAY AFTER INDEPENDENCE DAY.
6. FOR LABOR DAY, BETWEEN THE HOURS OF 6AM FRIDAY AND 9PM TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6AM TUESDAY AND 9PM MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
-L1- W. LEWIS ST.	ANYTIME
-L2- W. WILLIAMSON ST.	
US-701 BYPASS (JK POWEEL BLVD)	

D) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
	MONDAY THROUGH FRIDAY
-L1- W. LEWIS ST.	7:00 AM TO 9:00 AM &
-L2- W. WILLIAMSON ST.	4:00 PM TO 6:00 PM
US-701 BYPASS (JK POWELL BLVD)	

E) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL.

LANE AND SHOULDER 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 WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, 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 REMAIN WITHIN THE CLOSED TRAVEL LANE.

J) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

R) NOTIFY THE NCDOT STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) AT 877-627-7862 APPROXIMATELY 30 MINUTES PRIOR TO INSTALLING AND WITHIN 15 MINUTES AFTER REMOVING LANE CLOSURES ON INTERSTATES, FREEWAYS, CONTROLLED ACCESS FACILITIES, AND US ROUTES.

TRAFFIC PATTERN ALTERATIONS

L) NOTIFY THE ENGINEER THIRTY (30) DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

M) 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.

N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

MISCELLANEOUS

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

PHASING NOTES

PHASE 1A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACED ALONG W. LEWIS ST, S. MARTIN LUTHER KING AVE AND US-701 BYPASS (JK POWELL BLVD) AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

PHASE 1B: THE CONTRACTOR SHALL CONSTRUCT SIDEWALK , CURB RAMPS AND PEDESTRIAN RRFB CROSSING SIGNALS USING NCDOT STD. DWG 1101.02 (SHEET 1 OF 19).

PHASE 2A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACED ALONG W. LEWIS ST AND US-701 BYPASS (JK POWELL BLVD).

PHASE 2B: THE CONTRACTOR SHALL CONSTRUCT SIDEWALK , CURB RAMPS AND PEDESTRIAN RRFB CROSSING SIGNALS USING NCDOT STD. DWG 1101.02 (SHEET 1 OF 19).

PHASE 3A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACE ALONG W. WILLIAMSON AND US-701 BYPASS (JK POWELL BLVD).

PHASE 3B: THE CONTRACTOR SHALL CONSTRUCT SIDEWALK, CURB RAMPS AND PEDESTRIAN RRFB CROSSING SIGNALS USING NCDOT STD. DWG 1101.02 (SHEET 1 OF 19).

PHASE 4A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACE ALONG W. WILLIAMSON AND US-701 BYPASS (JK POWELL BLVD).

PHASE 4B: THE CONTRACTOR SHALL CONSTRUCT SIDEWALK AND PEDESTRIAN RRFB CROSSING SIGNALS USING NCDOT STD. DWG 1101.02 (SHEET 1 OF 19).

PHASE 5A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACE ALONG US-701 BYPASS (JK POWELL BLVD).

PHASE 5B: THE CONTRACTOR SHALL CONSTRUCT CURB RAMPS, PEDESTRIAN RRFB CROSSING SIGNALS AND DECORATIVE USING NCDOT STD. DWG 1101.02 (SHEET 3 OF 19) FROM W. LEWIS ST. TO W. BURKHEAD ST.

PHASE 6A: THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS PRIOR TO BEGINNING WORK IN ACCORDANCE WITH NCDOT STD. DWG 1101.01. THE APPROACH WARNING SIGNS SHALL BE PLACE ALONG US-701 BYPASS (JK POWELL BLVD).

PHASE 6B: THE CONTRACTOR SHALL CONSTRUCT CURB RAMPS, PEDESTRIAN RRFB CROSSING SIGNALS AND DECORATIVE USING NCDOT STD. DWG 1101.02 (SHEET 3 OF 19) FROM W. BURKHEAD ST. TO W. WILLIAMSON ST.

NOTES:

PHASES 1,2,3, AND 4 CAN BE COMPLETED IN ANY ORDER AND SIMULTANEOUSLY BUT CANNOT OCCUR ALONG WITH PHASES 5 AND 6.

ANY CONSTRUCTION THAT OCCURS WHERE EQUIPMENT CAN MAINTAIN A 5' CLEARANCE FROM THE EDGE OF TRAVEL, CAN MAINTAIN MINIMUM LANE WIDTHS AND DOES NOT REQIURE A LANE CLOSURE CAN BE COMPLETED WITHIN ANY OF THE ABOVE PHASES.

PHASE 7: THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES AND SGNS AND OPEN ALL LANES OF TRAFFIC AT COMPLETION OF CONSTRUCTION.

REVISIONS

HS-2406AB/AC

TMP-1

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBUS COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 053186 ENGINEER ANDREW J. WIELZ

7/29/2026

REVIEW: DocuSigned by: Andrew J. Wielz
F38D23991B6C48D...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PREPARED BY

McADAMS
621 Hillsborough Street Suite 500 Raleigh, NC 27603
N.C.B.E.L.S. License Number: C-0293

Docusign Envelope ID: 59E568EE-73C4-8DDE-811D-9BB0FF021129

PROJECT REFERENCE NO.	SHEET NO.
HS-2406AB/AC	Sig. 1.0

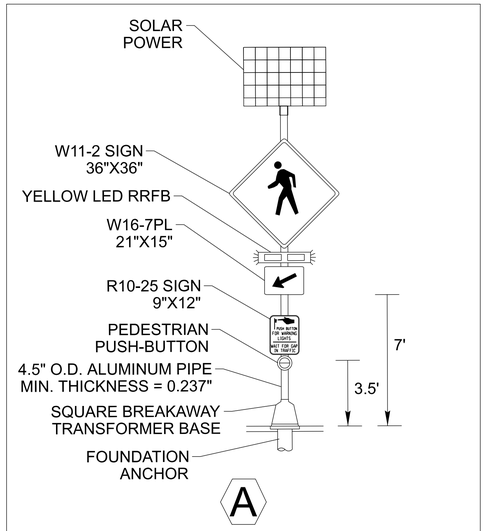


Figure 1 - Not to Scale

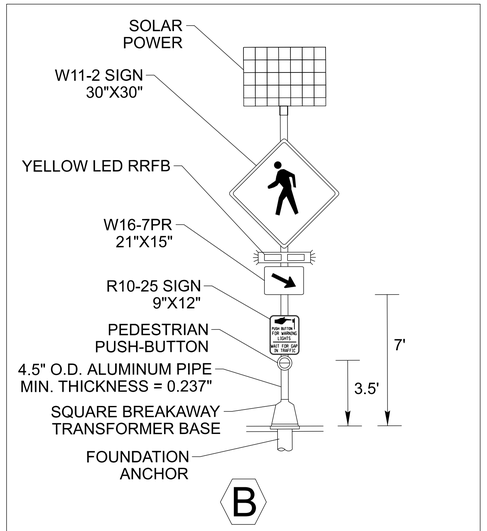
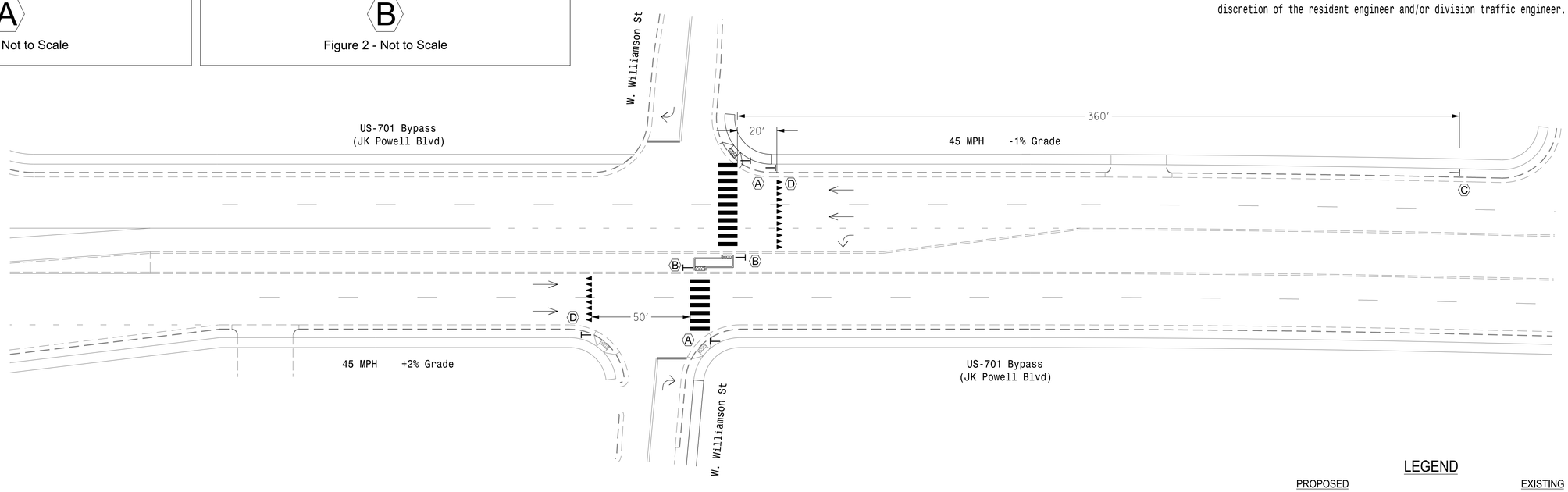


Figure 2 - Not to Scale

Semi-Actuated Rectangular Rapid Flashing Beacon (RRFB)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024, "Standard Specifications for Roads and Structures" dated January 2024, and all applicable sections of the latest version of the generic Project Special Provisions. The PSP can be accessed at the following website: http://connect.ncdot.gov/resources/safety/Pages/TSMO-Design-Resources.aspx
2. Align the front face of the pedestrian push button assembly parallel with the crosswalk.
3. Program Flashing Actuation for southbound US-701 for 22 seconds and northbound US-701 for 18 seconds.
4. The RRFB pedestal poles may be field adjusted as necessary to ensure the pushbutton is within 24" reach of the ramp landing area, at the discretion of the resident engineer and/or division traffic engineer.



LEGEND

PROPOSED		EXISTING
	Sign	
N/A	Curb Ramp	
N/A	Right of Way	
	Directional Arrow	
A	RRFB w/ Left Arrow (See Fig. 1)	A
B	RRFB w/ Right Arrow (See Fig. 2)	B
C	Pedestrian Warning Sign (W11-2) w/ "AHEAD" Plaque (W19-9P)	C
D	Yield here to Pedestrians Sign (R1-5)	D

Pedestrian Crossing

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Prepared for:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signal Design Section
750 N. Greenfield Pkwy, Garner, NC 27529

SCALE 0 30 1"=30'

US-701 Bypass (JK Powell Blvd) at W. Williamson Street

Division 6 | Columbus County | Whiteville

PLAN DATE:	July 2026	REVIEWED BY:	C Kinton
PREPARED BY:	R Woutersz	REVIEWED BY:	TS Popelka

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 048897 ENGINEER S. COLIN KINTON
Signed by: S. Colin Kinton 7/29/2026
34B9AEEC3663481...
DATE
SIG. INVENTORY NO. N/A

McADAMS
The John R. McAdams Company, Inc.
2100 S Tryon St Suite 400
Charlotte, NC 28203
phone 704. 527. 0800
fax 919. 361. 2269
license number: C-0293, C-187
www.mcadamsco.com

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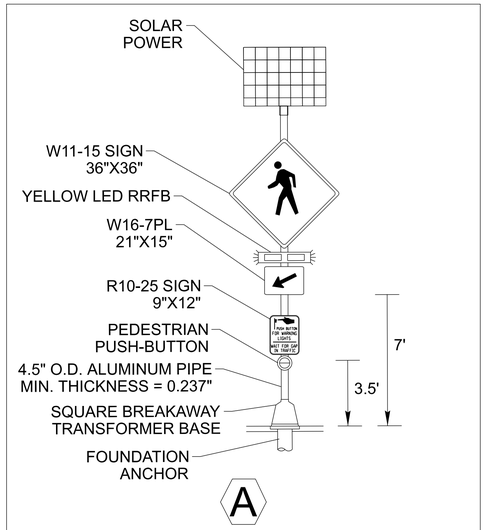

Figure 1 - Not to Scale

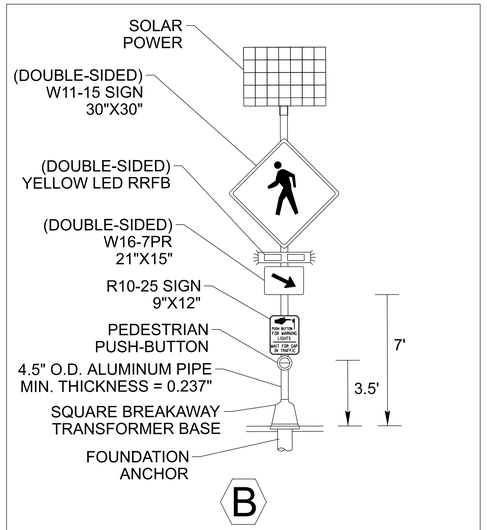

Figure 2 - Not to Scale

Semi-Actuated
Rectangular Rapid Flashing Beacon (RRFB)

NOTES

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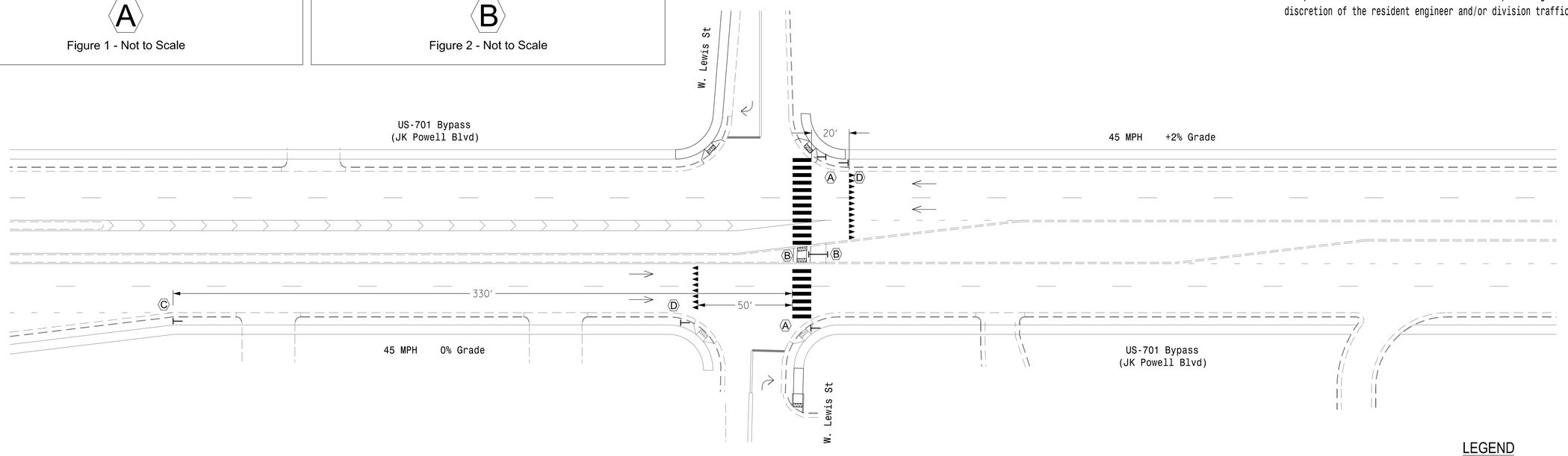

LEGEND

PROPOSED		EXISTING
	Sign	
N/A	Curb Ramp	
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	Directional Arrow	
A	RRFB w/ Left Arrow (See Fig. 1)	A
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Pedestrian Crossing

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SCALE 0 30 1"=30'

McADAMS

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2100 S Tryon St Suite 400
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 048897 ENGINEER S. COLIN KINTON

Signed by: S. Colin Kinton 7/29/2026
34B9AEEC3663481...
DATE

SIG. INVENTORY NO. N/A

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