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LOCATION: CONSTRUCT ROUNDABOUT AT INTERSECTION OF NC-42 AND NC-39, KNOWN AS HARES CROSSROADS

TYPE OF WORK: GRADING, DRAINAGE AND PAVING



SHEET NO.

- TMP-1
- TMP-1A
- TMP-1B
- TMP-2
- TMP-3
- TMP-4
- TMP-5

INDEX OF SHEETS

SHEET NO. TMP-1

5601B

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L)

<u>TITLE</u>

TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS

LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING SCHEDULE

TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND PHASING)

PHASE I

PHASE II

PHASE II TEMPORARY PAVEMENT MARKINGS

PHASE III



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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" -PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 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
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES - TYPE III
1150.01	FLAGGING DEVICES
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSA
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPA
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TE
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE



PROJ. REFERENCE NO.	SHEET NO.
W-5601BV	TMP-1A

TRAFFIC CONTROL DEVICES

	BARRICADE (TYPE III)
	CONE DRUM ③ SKINNY DRUM ④ TUBULAR MARKER TEMPORARY CRASH CUSHION
	FLASHING ARROW BOARD FLAGGER
	LAW ENFORCEMENT
	TRUCK MOUNTED ATTENUATOR (TMA)
	CHANGEABLE MESSAGE SIGN
TEMPO	RARY SIGNING
	ABLE SIGN
- STAT	IONARY SIGN
þ stat	IONARY OR PORTABLE SIGN
PAVEM	ENT MARKERS STAL/CRYSTAL STAL/RED LOW/YELLOW
PAVEM	<u>ENT MARKING SYMBOLS</u>

ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING SCHEDULE

	MANAGEMENT STRATEGIES
- L(A	OCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED AT
- PI SI TI	ROVIDE ONE MONTH NOTICE TO THE ENGINEER, JOHNSTON COUNTY EMERGENCY ERVICES, AND JOHNSTON COUNTY SCHOOL OFFICIALS PRIOR TO ALTERING HE TRAFFIC PATTERN.
	GENERAL NOTES
CHA DRA MEE OF COV	NGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL WINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO T FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, ERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.
THE THE DIR	FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR ECTED BY THE ENGINEER.
TIM	E RESTRICTIONS
A)	DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:
	ROAD NAMEDAY AND TIME RESTRICTIONSNC 42 AND NC 39MONDAY THROUGH FRIDAY7:00 AM TO 9:00 AM4:00 PM TO 7:00 PM
B)	DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:
	ROAD NAME NC 42 AND NC 39
	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 7:00 A.M. DECEMBER 31ST TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
	3. FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
	4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
	5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY.
	IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
	<pre>6. FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.</pre>
	7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
	8. FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
LAN	E AND SHOULDER CLOSURE REQUIREMENTS
C)	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.
D)	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.

JGVTRI6.006.00 NCDOT 2016 Traffic LSANTRI6.006.08 (W-5601BV)NTrafficNTMPNW-5601BV_TMP-IB.dc

IED AT	E)	WHEN PERSONNEL A ADJACENT TO AN U OPEN TRAVEL LANE ROADWAY STANDARD PROTECTED BY BAR	ND/OR EQUIPMENT ARE WO NDIVIDED FACILITY AND , CLOSE THE NEAREST OP DRAWING NO. 1101.02 U RIER OR GUARDRAIL.	RKING ON THE SHOULDER WITHIN 5 FT OF AN PEN TRAVEL LANE USING INLESS THE WORK AREA IS	0) PI Pi II	LACE OI LACE A NITIAL
RGENCY ING		WHEN PERSONNEL A ADJACENT TO A DI TRAVEL LANE, CLO STANDARD DRAWING BARBIER OR GUARD	ND/OR EQUIPMENT ARE WO VIDED FACILITY AND WIT SE THE NEAREST OPEN TR NO. 1101.02 UNLESS TH	RKING ON THE SHOULDER HIN 10 FT OF AN OPEN AVEL LANE USING ROADWAY HE WORK AREA IS PROTECTED BY	P) T: L: (Q) RI	IE PRO INES. EMOVE/
BLE TO APPING	F)	WHEN PERSONNEL A TRAVEL OF AN UND ACCORDING TO THE OR AS DIRECTED B PERSONNEL AND/OR	ND/OR EQUIPMENT ARE WO IVIDED OR DIVIDED FACI TRAFFIC CONTROL PLANS Y THE ENGINEER. CONDUC EQUIPMENT REMAIN WITH	RKING WITHIN A LANE OF LITY, CLOSE THE LANE , ROADWAY STANDARD DRAWINGS T THE WORK SO THAT ALL IIN THE CLOSED TRAVEL LANE.	۸/ R) TI ۶, P/ Al	ARKERS RACE TI AVEMEN NY PRO
OF I OR	G)	DO NOT WORK SIMU TRAVELWAY, RAMP, PROTECTED WITH G	LTANEOUSLY WITHIN 15 F OR LOOP WITHIN THE SA UARDRAIL OR BARRIER.	T ON BOTH SIDES OF AN OPEN ME LOCATION UNLESS		
	PAV	EMENT EDGE DROP O	FF REQUIREMENTS			
TIONS	H)	BACKFILL AT A 6: PAVEMENT IN AREA EDGE OF PAVEMENT	1 SLOPE UP TO THE EDGE S ADJACENT TO AN OPENE DROP-OFF AS FOLLOWS:	AND ELEVATION OF EXISTING DTRAVEL LANE THAT HAS AN	PHASE STEP	I 1: USI
EDAY Am Pm		BACKFILL DROP-OF SPEED LIMITS OF	FS THAT EXCEED 2 INCHE 45 MPH OR GREATER.	S ON ROADWAYS WITH POSTED	STEP :	INS 2: USI
SIAL		BACKFILL DROP-OF SPEED LIMITS LES	FS THAT EXCEED 3 INCHE S THAN 45 MPH.	S ON ROADWAYS WITH POSTED		TRA LAY TMP
		BACKFILL WITH SU ENGINEER, AT NO	ITABLE COMPACTED MATER EXPENSE TO THE DEPARTM	IAL, AS APPROVED BY THE	STEP (3: USI A C
	TRA	FFIC PATTERN ALTE	RATIONS			-USI TO
ł	I)	NOTIFY THE ENGIN ALTERATION.	EER ONE MONTH PRIOR TO	ANY TRAFFIC PATTERN		- PL/ MAI - SH
1ST	SIG	INING			ρμαςε	
_OWING	J)	INSTALL ADVANCE DAYS PRIOR TO TH	WORK ZONE WARNING SIGN E BEGINNING OF CONSTRU	IS NO MORE THAN THREE (3) ICTION.	STEP	1: WIT
	K)	ENSURE ALL NECES TRAFFIC PATTERN.	SARY SIGNING IS IN PLA	CE PRIOR TO ALTERING ANY		TRA
-0	L)	INSTALL BLACK ON (W8-1) 350 FEET THE ENGINEER.	ORANGE "DIP" SIGNS (WIN ADVANCE OF THE UNEV	/8-2) AND/OR "BUMP" SIGNS 'EN AREA, OR AS DIRECTED BY	STEP 2	2: USI A CO -US
	TRA	FFIC CONTROL DEVI	CES			10 - PL/
BEFORE	M)	WHEN LANE CLOSUR IN WORK AREAS NO LIMIT (MPH) EXCE EDGE OF AN OPEN	ES ARE NOT IN EFFECT S GREATER IN FEET THAN PT, 10 FT ON-CENTER IN TRAVELWAY. REFER TO ST	PACE CHANNELIZING DEVICES TWICE THE POSTED SPEED RADII, AND 3 FT OFF THE ANDARD SPECIFICATIONS FOR		MAI - PL/ PH/
		(SKINNY DRUMS) F	OR ADDITIONAL REQUIREM	IENTS.	SU PHASE	
	PAV	EMENT MARKINGS AN	D MARKERS		SIEP	TEM
SDAY	N)	INSTALL TEMPORAR MARKERS ON INTER	Y PAVEMENT MARKINGS AN IM LAYERS OF PAVEMENT	ID TEMPORARY PAVEMENT AS FOLLOWS:	QTED 4	
VING		ROAD NAME NC-42 NC-39	MARKING PAINT PAINT	MARKER TEMPORARY RAISE TEMPORARY RAISE)) 	L I I L IV
				AP	PROVED:Stev	re Miller 260150555486
BEING NO			[DA	NTE:9/26/2017	
AN WAY			SE	1025 Wade Avenue Raleigh, NC 27605 Tel:919-789-9977	SEAL	

ENGINEERING & Fax:919-789-9591 CONSTRUCTION License: C-2197

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJ. REFERENCE NO.	SHEET NO.
W-5601BV	TMP-1B

ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE L APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ER.

POSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING

/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND S BY THE END OF EACH DAY'S OPERATION.

THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR NT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE OPOSED MONOLITHIC ISLANDS.

PHASING

ING ROADWAY STANDARD DRAWING (RSD) 1101.01 SHEET 3 OF 3 STALL ADVANCE WARNING SIGNS ON NC 42 AND NC 39.

ING RSD 1101.02 SHEET 1 OF 15, BEGIN CONSTRUCTION AWAY FROM AFFIC AS SHOWN ON TMP-2, UP TO BUT NOT INCLUDING THE FINAL YER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT AS SHOWN ON P-2 TO SUPPORT THE PHASE II PATTERN.

ING RSD 1101.02 SHEET 1 OF 15, PERFORM THE FOLLOWING IN CONTINUOUS MANNER: SE WEDGING TO CONSTRUCT A TIE IN FROM THE EXISTING PATTERN O THE PHASE II PATTERN. LACE TRAFFIC CONTROL DEVICES AND INSTALL TEMPORARY PAVEMENT ARKINGS AS SHOWN ON TMP-3. HIFT TRAFFIC TO THE PHASE II PATTERN BY THE END OF THE WORK AY.

TH TRAFFIC IN THE PHASE II PATTERN AND USING RSD 1101.02 EET 1 OF 15 AS NECESSARY, CONTINUE CONSTRUCTION AWAY FROM AFFIC UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE URSE.

ING RSD 1101.02 SHEET 1 OF 15, PERFORM THE FOLLOWING IN CONTINUOUS MANNER: SE WEDGING TO CONSTRUCT A TIE IN FROM THE PHASE II PATTERN O THE PHASE III PATTERN. LACE TEMPORARY PAVEMENT MARKINGS IN THE SAME LOCATION AS HE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT ARKING PLANS. LACE TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC TO THE HASE III PATTERN BY THE END OF THE WORK DAY.

ING RSD 1101.02 SHEET 1 OF 15 AS NECESSARY, REMOVE MPORARY PAVEMENT AND COMPLETE REMAINING CONSTRUCTION CLUDING THE FINAL LAYER OF SURFACE COURSE AND FINAL VEMENT MARKINGS.

MOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.



TRANSPORTATION OPERATIONS PLAN













		DocuSigned by:
	APPROVED:	Steve Miller OFDOCOLECERADO
	DATE:	9/26/2017
SEP 1025 Wade Avenue Raleigh, NC 27605 Tel:919-789-9977 Fax:919-789-9591		SEAL
CONSTRUCTION License: C-2197	DOCUN UNLESS	MENT NOT CONSIDER





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<i>R(</i>	DADWAY S
THE FOLLOWIN PROJECT SERV DATED JANUAR CONSIDERED A	IG ROADWAY STANDARDS /ICES UNIT - N.C. DEF XY 2012 ARE APPLICABL A PART OF THESE PLANS
<u>STD. NO.</u> 1205.01 1205.02 1205.04 1205.05 1205.08 1205.09	PAVEMENT MA PAVEMENT MA PAVEMENT MA PAVEMENT MA PAVEMENT MA PAVEMENT MA
1250.01 1251.01	RAISED PAVE RAISED PAVE
THE FC	GEN OLLOWING GENERAL NOT
1205.02 1205.04 1205.05 1205.08 1205.09 1250.01 1251.01	PAVEMENT N PAVEMENT N PAVEMENT N PAVEMENT N RAISED PAV RAISED PAV GE

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

A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME ASPHALT SURFACE

<u>MARKING</u> THERMOPLASTIC

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- E) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

AYMAN ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER

ERIC WARD

SIGNING & DELINEATION PROJECT DESIGN ENGINEER

••

STATE OF NORTH CAROLINA **DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN JOHNSTON COUNTY

LOCATION: NC 42 AND NC 39, KNOWN AS HARES CROSSROADS

TANDARD DRAWING

AS APPEAR IN "ROADWAY STANDARD DRAWINGS" PARTMENT OF TRANSPORTATION - RALEIGH, N.C., LE TO THIS PROJECT AND BY REFERENCE HEREBY ARE

TITLE

ARKINGS - LINE TYPES AND OFFSETS ARKINGS - TWO-LANE AND MULTILANE ROADWAYS ARKINGS - INTERSECTIONS ARKINGS - TURN LANES ARKINGS - SYMBOLS AND WORD MESSAGES ARKINGS - PAINTED ISLANDS EMENT MARKERS - INSTALLATION SPACING MENT MARKERS - PERMANENT AND TEMPORARY



MARKER RAISED MARKERS

SHEET NO. PMP-1

PMP-2-3



PLAN PREPARED BY: Ramey Kemp & Associates

W.JASON HAMILTON, P.E., PTOE TIMOTHY S. POPELKA, EI



			IP NO.	SHEET NO.
		W - 5	5601BV	PMP - 1
		APPROVED:	William J. Hamiltor	L
		DATE:	5/2017	
		SEAL	NORTH CAROL ROFESSION SEAL 32396	
			ENT NOT CONSI	DERED FINAL
DESC	RIPTION			
PAVEMEI AND PAV PAVEMEI	NT MARKING PLAN COVER VEMENT MARKING SCHEDU NT MARKING DETAILS	SHEET LE		
PAVE ARKING	SMENT SCHEDULE			
", 90 MILS)	DESCRIPTION WHITE EDGELINE			
F", 120 MILS) YE 2 FT	YELLOW EDGELINE ELLOW DOUBLE CENTER 6 FT./SP WHITE MINISKI	Ρ		
8", 90 MILS)				
	WHITE GORELINE YELLOW DIAGONAL			
2", 120 MILS)				
3 FT	3 FT./SP WHITE MINISKI	Ρ		
24", 120 MILS)				
	WHITE STOPBAR			
PAVEMENT MARKING	G SYMBOLS (90 MILS)			
24″	RIGHT TURN ARROW YIELD LINE TRIANGLE			

RAMEY KEMP ASSOCIATES, INC. PROJECT MANAGER ransportation Enginee 5808 Farlıngdon Place, Sulte 100 Raleigh, North Carolina 27609 919-872-5115 Tel. 919-878-5416 Fax. PROJECT ENGINEER

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TIP NO.	SHEET NO.
W-5601BV	PMP-3
APPROVED: William J. Hamilton 3/15/2017 DATE:	
SEAL RTH CAROL ROFESSION SEAL 32396 NG/NEER J. HAMILTO	
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PROPOSED PAVEMENT Marking Detail

 \triangle NOTES 1 DUKE ENERGY PROGRESS PROVIDED THIS LIGHTING DESIGN AS A ROUNDABOUT ENCROACHMENT AGREEMENT. THE NCDOT 2012 STANDARD SPECIFICATIONS AND DRAWINGS FOR ROADS AND STRUCTURES AND LIGHTING SPECIAL PROVISIONS SHALL GOVERN THIS STREET LIGHTING CONDUIT INSTALLATION UNLESS MODIFIED AS PART OF THIS PLAN. THE INSTALLATION OF THE STREET LIGHTING CONDUIT SHALL COMPLY 3 WITH DUKE ENERGY PROGRESS CONSTRUCTION STANDARD DRAWINGS AND SPECIFICATIONS. A STREET LIGHTING CONDUIT IS A 2" PVC CONDUIT, FURNISHED BY DUKE ENERGY, AND INSTALLED 36" BELOW GRADE BY NCDOT ROADWAY CONTRACTOR. DUKE ENERGY WILL RETURN ON SITE AT A LATER DATE TO LOCATE THE CONDUIT, INSTALL FITTINGS, PULL CONDUCTORS AND ERECT LIGHT POLES TO PROVIDE AN OPERATIONAL LIGHTING SYSTEM PRIOR TO THE COMPLETION OF THE ROADWAY PROJECT. MARK UNDERGROUND STREET LIGHTING CONDUIT AT EACH PROPOSED LIGHT POLE ∠5\ LOCATION, AND CONDUIT TERMINATION POINT WITH A PIECE OF VERTICAL PIPE BURIED AND EXTENDED ABOVE GRADE. FLUSH MOUNT PEDESTAL/HANDHOLES TYPE JUNCTION BOXES ALONG WITH 2" CONDUIT FITTINGS WILL BE PROVIDED BY DUKE ENERGY PROGRESS AND INSTALLED BY NCDOT CONTRACTOR AS SHOWN ON THE PLAN. THE CONTRACTOR SHALL EITHER DIRECT BURY, OR DIRECTIONAL BORE UNDER THE ROADWAY USING BEST METHOD FOR THE CONDITIONS PRESENT AT TIME OF WORK. Y 1 NC 42 N 57°03' 15.6" E N 57°06' 33.4" E N 56° 5**8**′ 0<u>4.9" E</u> <u>-Y_2</u>- POT 14+00.00 BEGIN CONST Y 2



#12

#13

10' BEHIND CURB

10' BEHIND CURB

<u>C 14+75.00</u>	X-	SINGLE AR PROVIDED ENERGY PR	M LIGHT STAND AND INSTALLED OGRESS (TOTAD	DARDS TO D BY DUKE ∟ 13 POLE	BE E ES)
		FLUSH MOU (JUNCTION BY DUKE E	INT PEDESTAL/H H BOX) TO BE H ENERGY AND INS	HANDHOLE PROVIDED STALLED	
ΑΝΟΑΚΟ		BY NCDUI	CONTRACIOR.		
TATION NUMBER		- 2' PVC ST CONDUIT	REET LIGHTING	à	
-Y1-STA.16+14, RT	1				
-Y1-STA.18+23, LT					
-L-STA.14+45, RT	1	2			
-L-STA.13+42, RT		1			
-Y4-STA.17+84, LT		Rev. Date	Description ΝΠΡΤΗ ΓΔΡ	יי רו וא ב	Approved
-Y4-STA.15+85, LT		DEPARTM	ENT OF TR	ANSPORT	ATION
-L-STA.12+58, RT		ROADWAY DESI	<u>GN LIGHTING</u>	/ELECTRICA	L SECTION
-L-STA.11+36, RT		STF	REET LIC	GHTIN	G
-Y3-STA.19+05, LT		CO	NDUIT S	YSTEN	Λ
-Y3-STA.17+05, LT		NC 42	/NC 39 IN	TERSEC	TION
-L-STA.10+33, RT			ROUNDAB	OUT	
-Y2-STA.18+58, RT			JOHNSTON CC	UNTY	
-Y2-STA.16+70, RT		Drawn By: AB	Approved By:	Dwg No.:	
	-	-			



	STATE	STAT	E PROJECT REFERENCE NO.	SHEET TOTA NO. SHEE
	N.C.		W-5601BV	EC-1
	STATE P	ROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
Ľ				
EROSIO	N AN	d sedi	IMENT CONT	ROL MEASURI
<u>Std.</u> #	Descript	ion		Symbol
1630.03	Tempore	ry Silt D.	Pitch	TSD
1630.05	Tempora	ry Diver	sion	TD
1605.01	Tempora	ry Silt F	ence	
1606.01	Special S	Sediment	Control Fence	
1622.01 1630.09	lempora Sile Raa	iry Berms Tung l	and Slope Drains R	
1633 A1	Tames	ил дуреј	۳ « s;]، (Ch). ۳ «	
TAAA'AT	ռempora որ	ury 1∖0CK ™ 1		• • • 1
	⊥empora Matting	and Poly	oiit Check Iype"A acrylamide (PAM)	with
1633.02	Tempora	urv Rock	Silt Check Type-B	
	Wattle /	["] Coir Fil	per Wattle) —
	Wattle/	["] Coir Fil	per Wattle	_
	with Po	lyacrylam	ide (PAM)	(
1634.01	Tempora	ıry Rock	Sediment Dam Typ	e=A
1634.02	Tempora	ıry Rock	Sediment Dam Typ	e=B
1635.01	Rock P	ipe Inlet	Sediment Trap Type	-A
1635.02	Rock P	ipe Inlet m	Sediment Trap Type	<i>=</i> ₿8,00,000,000,000,000,000,000,000,00
1000.04	Stilling	Basin		
1090.00		Dtilling D	asin	
1 (70 0 1	Kock II	nlet Sedim A	nent Irap:	
1632.01	Лу	pe A		A 🏭
1632.02	Ту	pe B		B
1639 በኛ	ጣ			
1002.00	ШУ	pe C		
	Skimme	Basin		
	Tiered	Skimmer	Basin	
	T., f:1//	• D•		
	intiitrat	ion Dasin	L	
			THIS PROJEC	TCONTAINS
			EROSION CON	TROL PLANS
			FOR CLEAD	RING AND
			GRUBBING	PHASE OF
			CONSTR	UCTION.
		L		
			THIS PRO.	IECT HAS
			BEEN DES	IGNED TO
			SENSITIVE V	ATERSHED

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design
Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest
revison thereto are applicable to this project and by reference hereby are considered a part of
these plans.1604.01Railroad Erosion Control Detail1632.01Rock Inlet Sediment Trap Type A1605.01Temporary Silt Forme1632.02Rock Inlet Sediment Trap Type B

1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		



PROJECT REFERENCE NC	D. SHEET NO.
W-560IBV	EC-2
R/W SHEET N	10.
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING FOR EROSION CONTROL

STATE FORM FORM <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>									
4 Y) - 10+50 16+00 RT 385 5 -Yi - 12+00 15+00 >T 2+0 5 -Y2 - 14+00 16+50 LT 175 5 -Y2 - 14+00 16+50 LT 175 5 -Y2 - 14+00 16+50 LT 175 5 -Y3 - 15+00 16+30 RT 70 5 -Y6 - 10+50 LT 73 5 -Y7 - 14+00 14+50 RT 35 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - </th <th>CONST SHEET NO.</th> <th>LINE</th> <th>FROM STATION</th> <th>TO STATION</th> <th>SIDE</th> <th>ESTIMATE (SY)</th> <th>CONST SHEET NO.</th> <th>LINE</th> <th>F I ST</th>	CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)	CONST SHEET NO.	LINE	F I ST
5 -Y!- 12.00 15.00 L7 210 5 -Y2- 14.00 14.50 RT 20 5 -Y2- 14.00 16.50 LT 173 5 -Y3- 15.00 16.50 RT 70 5 -Y3- 15.00 16.50 RT 70 5 -Y6- 10.50 11.50 RT 70 5 -Y7- 14.00 14.50 RT 35 - - - - - - 5 -Y7- 14.00 14.50 RT 35 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	4	- Y -	10+50	16+00	RT	385			
5 -Y2- 14.00 14.50 R1 20 5 -Y2- 14.00 16.50 K1 70 5 -Y3- 15.00 16.50 R1 70 5 -Y6- 10.50 11.50 R1 70 5 -Y7- 14.00 14.50 R1 35 - - - - - - 5 -Y7- 14.00 14.50 R1 35 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td>5</td> <td>- Y -</td> <td>12+00</td> <td>15+00</td> <td>LT</td> <td>210</td> <td></td> <td></td> <td></td>	5	- Y -	12+00	15+00	LT	210			
5 -Y2- 14+00 16+50 L1 175 5 -Y3- 15+00 16+50 R1 70 5 -Y6- 10+50 R1 70 1 5 -Y6- 10+50 R1 35 1 1 5 -Y7- 14+00 14+50 R1 35 1 1 6 1 14+50 R1 35 1 </td <td>5</td> <td>- Y2-</td> <td>14+00</td> <td>14+50</td> <td>RT</td> <td>20</td> <td></td> <td></td> <td></td>	5	- Y2-	14+00	14+50	RT	20			
5 -Y3- 15+00 16+50 R1 70 5 -Y6- 10+50 R1 70 70 5 -Y7- 14+00 14+50 R1 35 - - - - - - - - - - - - - - - - - - - - - - -	5	- Y2-	14+00	16+50	LT	175			
5 V6- 10+50 11+50 RT 70 1	5	- Y3 -	15+00	16+50	RT	70			
5 -Y6- 10+50 RT 70 5 -Y7- 14+00 14+50 RT 35 - - - - - - - - - - - - - - - - - - - - - - -									
5 -Y7- 14+00 14+50 R1 35 1 1 1	5	- Y6 -	10+50	11+50	RT	70			
Image: state stat	5	- Y7 -	14+00	14+50	RT	35			
Image: Substrate of the second sec									
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MISCELLANE OUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER 3,000 TOTAL 3,980 SAY 4,000 SAY 1000				SL.	BTOTAL	980			
Image: Second	MISCELLANI	EOUS MATTING TO BE II	NSTALLED AS DIRI	ECTED BY THE	ENGINEER	3,000			
Image: Series of the series					TOTAL	3,980			
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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

PROJECT REFERENCE NO). SHEET NO.
W-560/BV	EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING FOR EROSION CONTROL

FROM STATION	TO STATION	SIDE	ESTIMATE (SY)

SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND SI

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:1

SLOPES 3:1 OR FLATTER

ALL OTHER AREAS WITH SLOPES FLATTER

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

	STABILIZATION TIME	71Λ
SLOPES	7 DAYS	NONE
	7 DAYS	NONE
	7 DAYS	IF SLOPES Not stee
	14 DAYS	7 DAYS F Length.
R THAN 4:1	14 DAYS	NONE, EXC

PROJECT REFERENCE NC	D. SHEET NO.
W-560/BV	EC-3A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MEFRAME EXCEPTIONS

S ARE 10' OR LESS IN LENGTH AND ARE EPER THAN 2:1,14 DAYS ARE ALLOWED. FOR SLOPES GREATER THAN 50' IN

CEPT FOR PERIMETERS AND HQW ZONES.









	project reference no. W-560/BV		SHEET NO.
			EC-6/CONST.6
	R/W SHEET N	10.	06
	ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER



CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.





1V-2017 II:05



PROJECT REFERENCE NO. SHEET NO.	
W = 560/BV EC = 9/CONST.	.6
RW SHEET NO. 06	
ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER	



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KOADWAY			<u>Y</u> 517	1/	
-		OWING			40

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" -PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO</u> .	TITLE	
904.10	ORIENTATION	OF GRO
904.50	MOUNTING OF	TYPE 'I

(SUMMARY OF QUANTITIES		
ITEM NO.		NO.	ITEM DESCRIPTION	QUANTITY	UNIT
	DESC. NO.	SECT. NO.			
	4072000000 4096000000 4102000000 4108000000 4155000000	903 904 904 904 907	SUPPORTS, 3 LB STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F DISPOSAL OF SIGN SYSTEM, U-CHANNEL	950 12 24 17 46	L.F. EA. EA. EA. EA.

PLAN REVIEWED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

AYMAN ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER ERIC WARD SIGNING & DELINEATION DESIGN ENGINEER

STATE OF NORTH CAROLINA **DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN JOHNSTON COUNTY LOCATION: NC-42 AND NC-39, KNOWN

AS HARES CROSSROADS

ROADWAY STANDARD DRAWING

OUND MOUNTED SIGNS 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS



W.JASON HAMILTON, P.E., PTOE TIMOTHY S. POPELKA, EI



 	TIP NO. W-5601BV Docusigned by: William J. Hamilte	SHEET NO. SIGN-1
AF	PPROVED: William J. Hamilte	31011-1
Ał 	PPROVED. William J. Hamilie	
D	A0560D704648484	DN
	3/15/2017 DATE:	
SE	EAL RTH CAROL SEAL 32396 NG I NEER J. HANN	MA CONTRACTOR
	DOCUMENT NOT CONSI UNLESS ALL SIGNATURE	DERED FINAL ES COMPLETED
GENERAL NOTES		
BY STATE		
ELOCATION OF SIGNS ON PRIVATE STREET (N REQUIRED DUE TO CONSTRUCTION, THE CONTF E ENGINEER. THE WORK WILL BE COMPLETED	NON-STATE RACTOR D BY OTHERS.	
NED OR DIMENSIONED ON PLANS, ALL 'E' AND LOCATED BY THE ENGINEER	D 'F' SIGNS	
GNS ON "U" CHANNEL POST WITHIN THE PROJ POSED OF UNLESS OTHERWISE NOTED ON PLAN	JECT LIMITS SHALL E NS.	3E
IGNS ARE REMOVED AND INSTALLED ON NEW S SHALL IMMEDIATELY FOLLOW THE REMOVAL.	SUPPORTS,	
FOR TYPE E & F SIGNS SHALL BE TYPE C RE	EFLECTIVE SHEETING.	.





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7" 5"
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9" [†] 1
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R 6.1"
5"

LETTER POSITIONS

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		C	1	a	У	t	0	n																				D 2000
	21	5.3	1.9	4.1	4.7	2.8	4.6	3.5	6.1																			26.9
		S	е	1	m	a																						D 2000
	21	4.7	4.4	2.2	6.8	3.4	11.5																					21.5
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F	ILENAME	E: W560	1_Sign0	02_Type	eD.		•											·	•			N	ORTH	CAROLI	INA D	.о.т.	SIGN	DETAIL





		APPROVED: William J. Hamilton 3/15/2017 DATE:
SIGN NUMBER: 302 BACKG COLOR: Green TYPE: D COPY COLOR: White QUANTITY: 1 SYMBOL X Y WID HT SIGN WIDTH: 4'-6" HEIGHT: 3'-6" Roundabout 5.9 16.8 8.9 9 TOTAL AREA: 15.8 Sq.Ft. AR_Type D 40.9 3.4 6 9	DESIGN BY: NE BURNS CHECKED BY: WJ HAMILTON Jan 11, 2017 PROJECT ID: W-5601BV LOCATION: JOHNSTON COUNTY DIV: 4	SEAL 32396
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: LENGTH: MAT'L: 0.125" (3.2 mm) ALUMINUM	4'-6" 4'-6" 4.5" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 9" 4.5" 6"D 3.5" 6"D 3.5" 6"D	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
USE NOTES: 1.Legend and border(except those that are colored black) shall be direct applied Grade C sheeting. 2.Background shall be Grade C reflective sheeting. 3.Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.	6.5" 6"D 4.3" BORDER R=3" TH=0.75" Clayton ↓ 5.95 ^h 42.1" 5.95 ^h 42.1" 5.95 ^h 6"D 42.1"	
LETTER POSITIONS	Spacing Factor is 1 unless specified otherwise	
Letter sp	acings are to start of next letter Series/Size Text Length D 2000	
20.6 4.7 4.4 2.2 6.8 3.4 11.9 W i 1 s o n	21.5 D D D D	
20.8 6.1 2.2 1.8 3.4 4.6 3.5 11.6 Image: constraint of the second s	21.6 D 2000	
8 5.3 1.9 4.1 4.7 2.8 4.6 3.5 19.1		
FILENAME: W5601 Nick Signs		
SIGN NUMBER: 304 BACKG COLOR: Green TYPE: D COPY COLOR: White	DESIGN BY: NE BURNS CHECKED BY: WJ HAMILTON Dec 06, 2016	
QUANTITY: SYMBOL X Y WID HT QUANTITY: 1 AR_Type D 10.2 17.7 6 9	PROJECT ID: W-5601BV LOCATION: JOHNSTON COUNTY DIV: 4	
SIGN WIDTH: 4'-6" HEIGHT: 2'-6" Roundabout 8.8 3.2 8.9 9 TOTAL AREA: 11.3 Sq.Ft.		
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75"	4'-6"	
NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM LENGTH:	$\begin{bmatrix} 3.4^{"} \\ 9^{"} \\ 5.5^{"} \\ 5.5^{"} \end{bmatrix} $ Wilson $\begin{bmatrix} 4.9^{"} \\ -6^{"}D \\ -3.7^{"} \\ 4.8^{"} \\ -4.8^{"} \\ -3.7^{"} \\ 4.8^{"} \end{bmatrix}$	
USE NOTES: 1 & 2 1.Legend and border(except those that are colored black) shall be direct applied Grade C sheeting. 2.Background shall be Grade C reflective sheeting.	$\begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \begin{bmatrix} 9^{*} \\ 3.1^{*} \\ \end{bmatrix} \end{bmatrix} \end{bmatrix} \begin{bmatrix} 9^$	
LETTER POSITIONS	Spacing Factor is 1 unless specified otherwise	
Letter spa W i 1 s o n I	Series/Size Text Length D 2000	
23.7 6.1 2.2 1.8 3.4 4.6 3.5 8.7 B u n n 1	21.6 D 2000	
23.7 4.9 4.7 4.7 3.5 12.4		



NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

SHEET NO.

SIGN-2

TIP NO. W-5601BV

QUANTITY: 2 Sign Width: 3'-0" Height: 1'-6"	SYMBO	L	x		1							
SIGN WIDTH: 3'-0" Height: 1'-6"				Y	WID	HT						
HEIGHI: 1-6												
OTAL AREA: 4.5 Sq.Ft.												
BORDER TYPE: FLUSH												
RECESS: 0"												
RADII: 3"												
NO. Z BARS: Length:	MAT'L:	0.125′	′ (3.2	mm) AL	UMINUM							
LETTER POSITIONS				Le	tter	spa		s ar	e to	sta	art	of
S e	1 m	a										
7.3 4.7 4.4 2	2.2 6.8	3.4	7.3									
				1								-
2. Background shall be LETTER POSITIONS	g Grade C	- retle	CTIVE 5	Le	g. tter	spa	cings	s ar	e to	sta	a	rt

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QUAI	NTITY:	1		SYMBO	L .		x	Y	WID	НТ	PROJE	CT ID	: W-5	601BV			LOCAT
STON I	WTDTH.	3'-6"															
HI	EIGHT:	1'-6"															
TOTAL AR	REA: 5.3	3 Sq.Ft	.														
BORDER	TYPE: F	LUSH															
RE	ECESS: WTDTH:	0″ 0.75″															
F	RADII:	3″															
NO. Z	BARS:		M	AT'L:	0.125	5″ (3.	2 mm) ALUN	IINUM								-
LE	ENGTH:																1-6
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1.Lege	end and	border	(exce	pt th	ose t	hat ar	re co	lored	blac	:k)						R=	=3"
shal	ll be di	rect a	pplie	d Gra	de C	sheeti	ing.									TH	1=0.75
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NORTH CAROLINA D.O.T. SIGN DETAIL

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		N	ORTH (CAROL	ENA D	.0.т.	SIGN	DETAIL

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HEIG	HT: 1	'-6″																					
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RAD	[]:	3″														-	3'-0"	-					
NO. Z BAF Lengi	RS: TH:		MA	AT'L:	0.125	″ (3.	2 mm)	ALU	JMINUM						1-6"		Vilso	n	6" 6"D				
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2. Backgro	0SITIC		1 1.8	s 3.4	0 4.6	n 3.5	7.2	Let	tter	spac	cings ai	retos			next			Spaci	ng Fac		s 1 un:	less s	Series Text L D 2 21
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2. Backgro	0SITIC		1 1.8	s 3.4	0 4.6	n 3.5	7.2		tter	spac	cings an	retos		of 1		1ett		Spaci	ng Fac		s 1 un:		Series Text L 21
2. Backgro	0SITI(0SITI(6.1			s 3.4	0 4.6	n 3.5	7.2	Let	tter	spac	cings ai	re to s						Spaci	ng Fac		s 1 un:		Series Text L 21

SIGN NUMBER: 308, 312 TYPE: D	BACKG C Copy Co	OLOR: LOR:	Gree Whi	en te		DESIGN BY: NE BURNS Project ID: W-5601BV	CHECKE
QUANTITY: 2	SYMBOL	X	Y	WID	HT		
SIGN WIDTH: 2'-6" Height: 1'-6" Total Area: 3.8 Sq.Ft.							
BORDER TYPE: FLUSH Recess: 0" Width: 0.75" Radii: 3"							
NO. Z BARS: Length:	MAT'L: 0.125" (3.2 mm) ALI	UMINUN	Λ		1-6"
USE NOTES: 1.Legend and border(e) shall be direct app 2.Background shall be	1 & 2 xcept those that lied Grade C shee Grade C reflect:	are co eting. ive she	olore	d bla g.	ck)		BORDER R=3" TH=0.75"

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TYPE "D" SIGNS

SEAL 32396

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NORTH CAROLINA D.O.T. SIGN DETAIL

QUANTITY: 1 SYMBOL X Y WID HT SIGN WIDTH: 6'-6" HEIGHT: 2'-6" HI HI HI DALARE: 16.3 Sq.Ft. HI HI HI HI BORDER TYPE: FLUSH RECESS: 0" MAT'L: 0.125" (3.2 mm) ALUMINUM HI HI HI USE NOTES: 1 & 2 HAT'L: 0.125" (3.2 mm) ALUMINUM HI HI HI HI USE NOTES: 1 & 2 HAT'L: 0.125" (3.2 mm) ALUMINUM HI	SIGN NUMBE Typ	R: 3 E:	10 D			ВАСК Сору	G COLO Colo	OR: R:	Gree Whit	en :e		DESI	GN BY	: NE		S		CHECI	KE
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