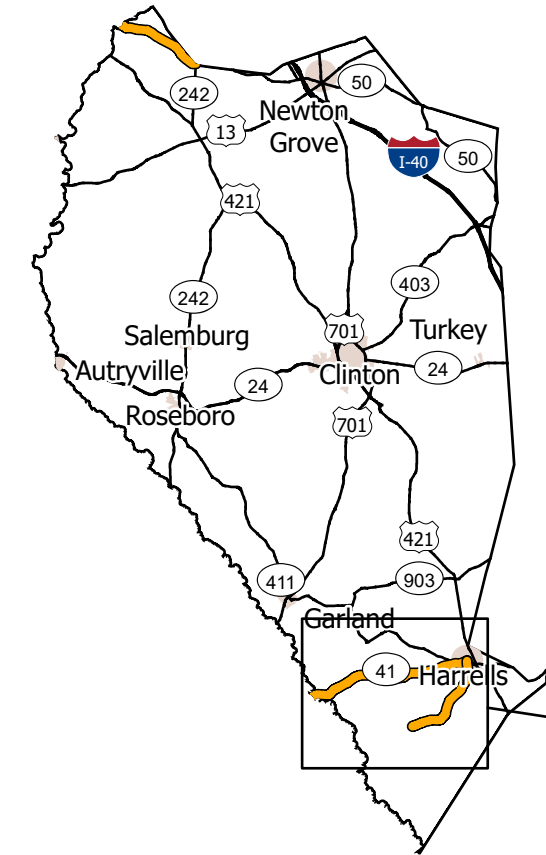


WBS NO: 2025CPT.03.10.10821, ETC.



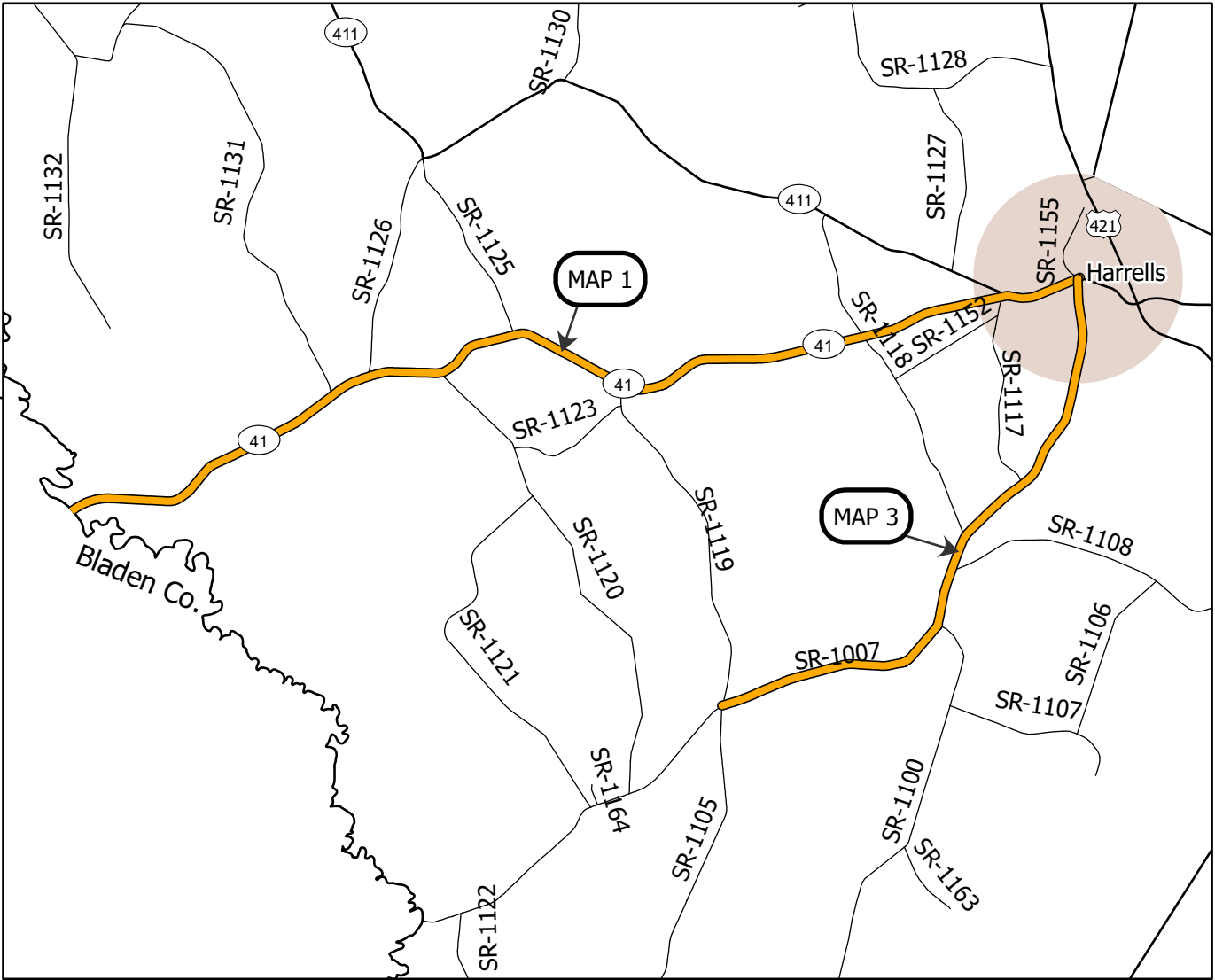
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY

TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.10.10821, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION

 Resurfacing

MAP	ROUTE	DESCRIPTION	TYPE
1	NC-41 / TOMAHAWK HWY	FROM THE BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	Resurfacing
3	SR-1007 / WILDCAT RD	FROM NC HWY 41 (TOMAHAWK HWY) TO SR 1105 (DR KERR RD) [MP 0.00 - MP 6.00]	Resurfacing



PROJECT LENGTH

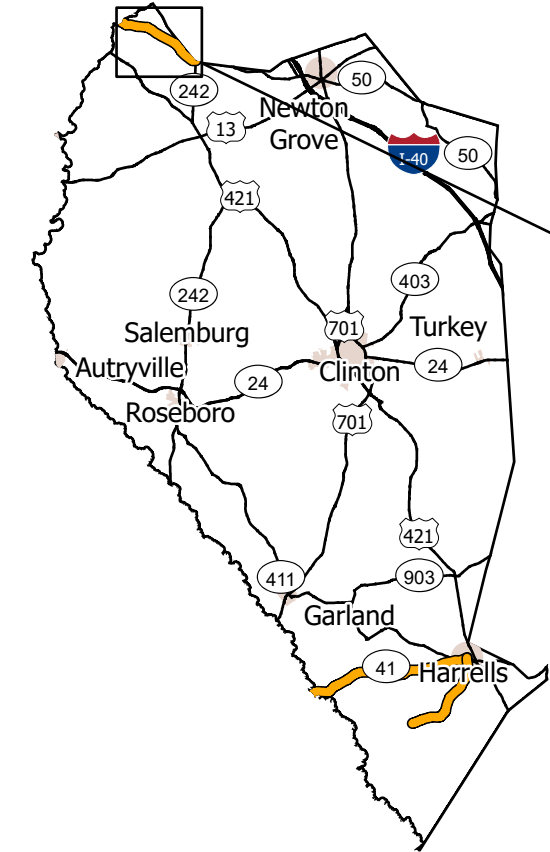
MAP	MILES
1	10.41
3	6.00

Prepared in the Office of:
DIVISION OF HIGHWAYS
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



WBS NO: 2025CPT.03.10.10821, ETC.



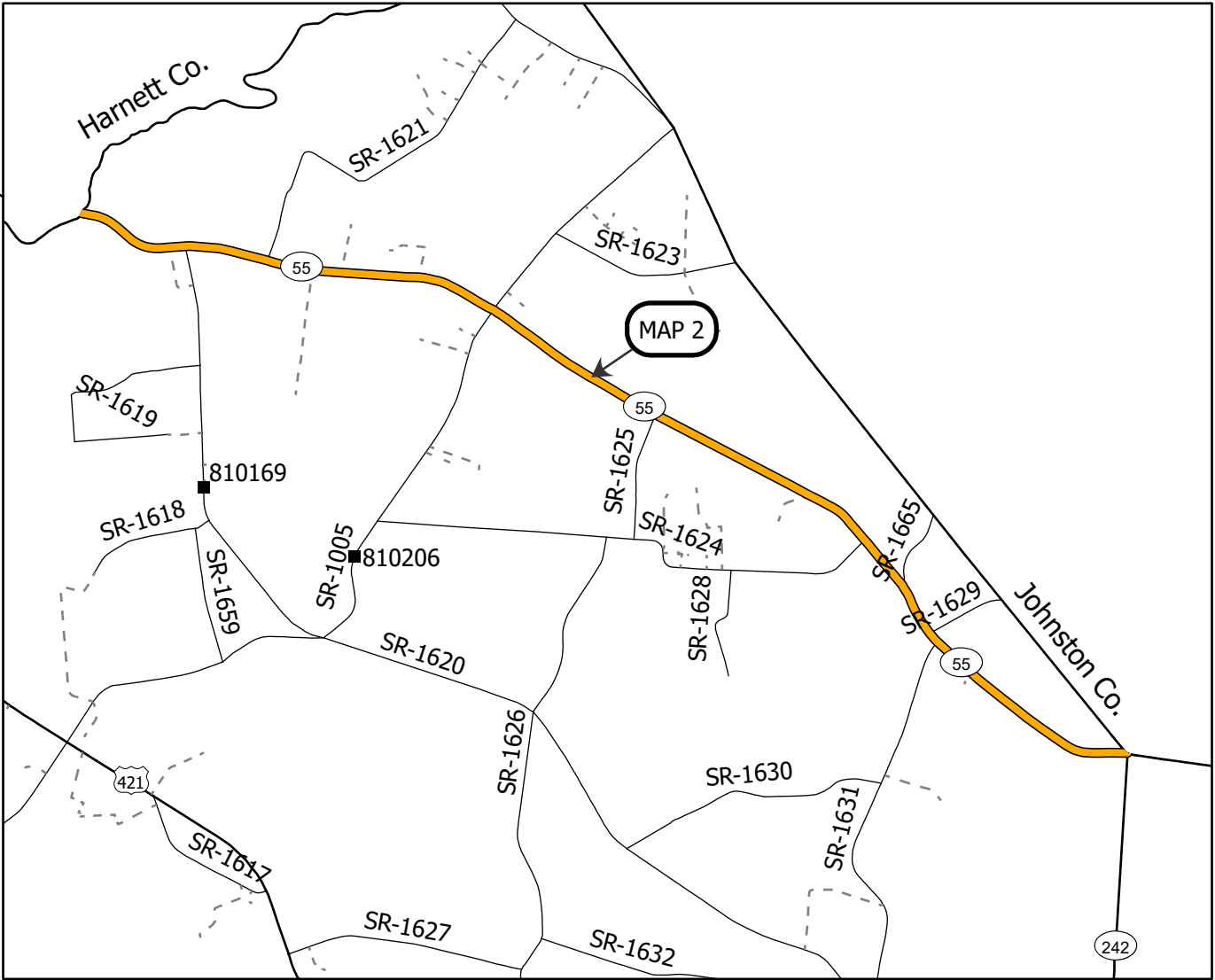
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SAMPSON COUNTY

TYPE OF WORK: RESURFACING

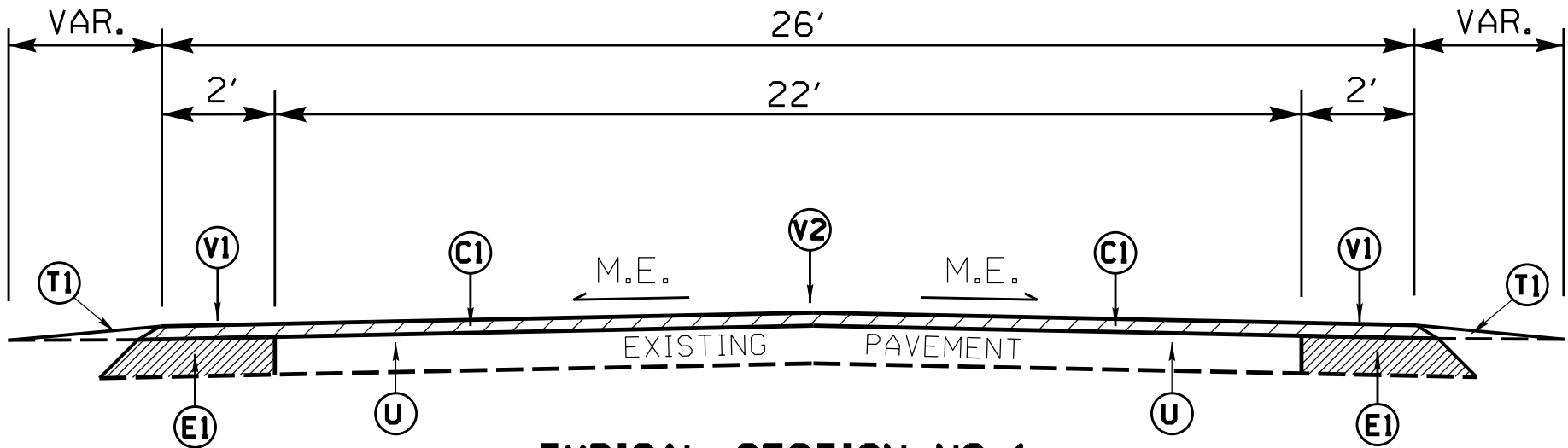
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.10.10821, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION

-  Resurfacing
-  Division 3 Bridges

MAP	ROUTE	DESCRIPTION	TYPE
2	NC-55 / HARNETT-DUNN HIGHWAY	FROM THE JOHNSTON COUNTY LINE TO THE HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	Resurfacing

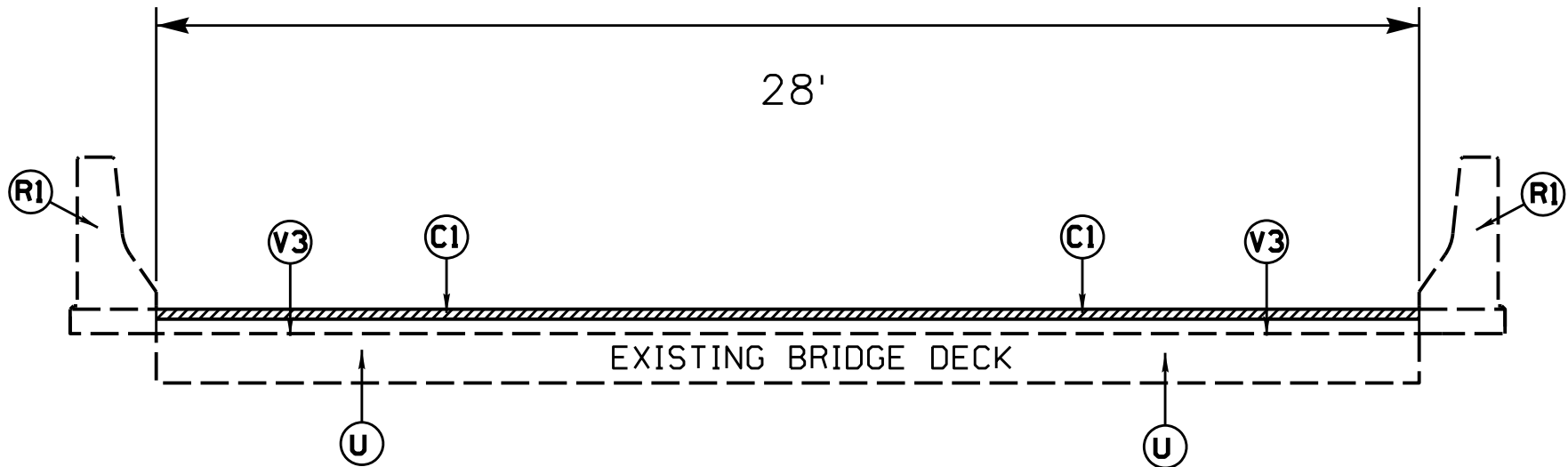


PROJECT LENGTH		Prepared in the Office of: DIVISION OF HIGHWAYS 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429				
<table border="1"><tr><td>MAP</td><td>MILES</td></tr><tr><td>2</td><td>5.36</td></tr></table>		MAP		MILES	2	5.36
MAP	MILES					
2	5.36					



TYPICAL SECTION NO. 1

MAP NO. 1
NC-41 (TOMAHAWK HWY)
MP 0.00 - MP 10.41



TYPICAL SECTION NO. 2

MAP NO. 1
NC-41 (TOMAHAWK HWY)
BRIDGE #0044
MP 0.00 - MP 0.04

NC-41 REMOVE & REPLACE GUARDRAIL
MP 1.81 - 1.83
MP 3.33 - 3.35
MP 4.13 - 4.15
MP 6.94 - 6.96

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
R1	EXISTING CONCRETE BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	14" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER WITH BICYCLE PATTERN
V2	18" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V3	1.5" MILLING

NOTES:

MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO.1-3 AS NEEDED, TO BE DETERMINED BY ENGINEER.

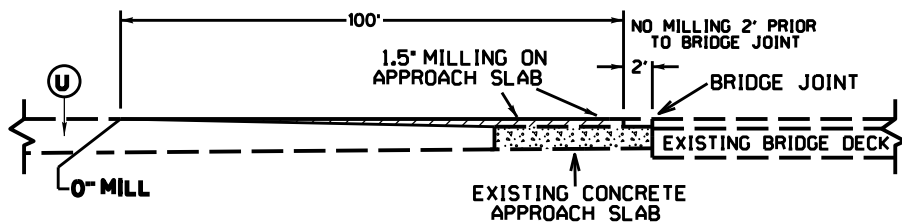
NO GRINDING SHALL BE PERMITTED ON CONCRETE BRIDGE DECKS FOR BRIDGE #012 AND #026 ON NC-41

MAP 1 - MAINTAIN EXISTING LANE WIDTHS

MAP 1 - TIE INTO BLADEN CO BRIDGE JOINT MP 28.39 - MP 28.26

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

INCIDENTAL MILLING DETAIL FOR BRIDGE APPROACHES



MAP 1: NC-41 - BRIDGE #0044 - (ASPHALT)
MAP 1: NC-41 - BRIDGE #0012 - (CONCRETE)
MAP 1: NC-41 - BRIDGE #0026 - (CONCRETE)

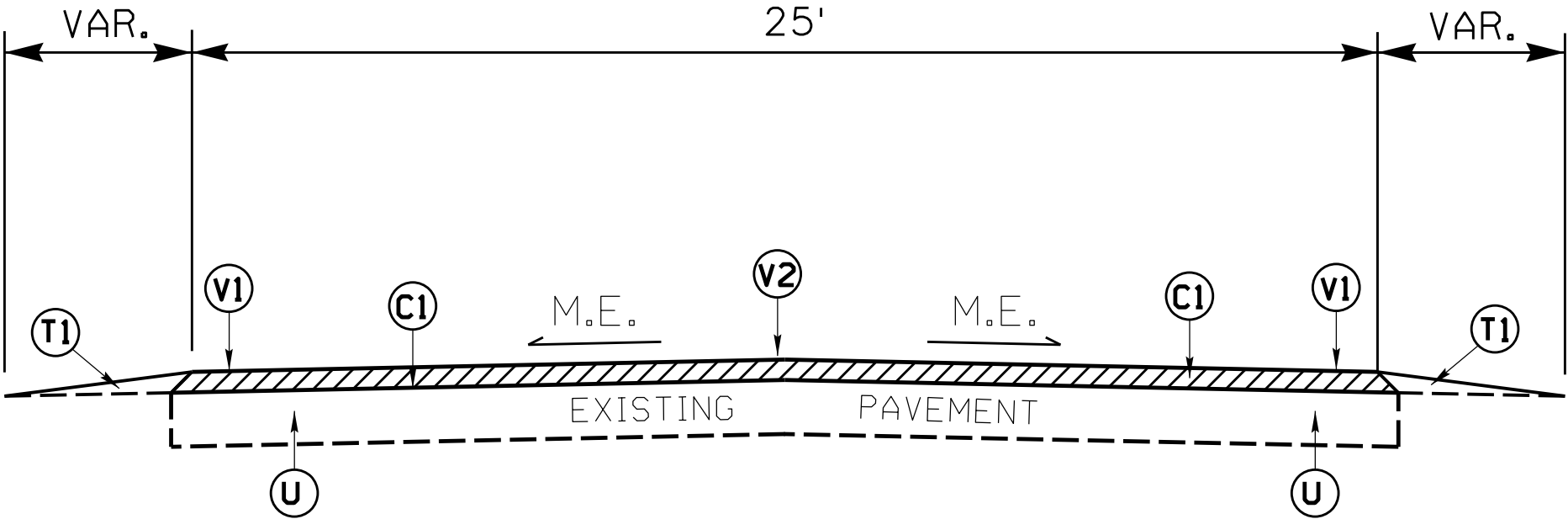
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	14" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER WITH BICYCLE PATTERN
V2	18" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V3	1.5" MILLING

NOTES:

MILL A SINGLE LANE AND PAVE BACK
BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO.1-3 AS
NEEDED, TO BE DETERMINED BY ENGINEER.

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE.
SEE SHOULDER WEDGE DETAIL.



TYPICAL SECTION NO. 3

MAP NO. 2
NC - 55 (HARNETT - DUNN HWY)
MP 14.78 - MP 20.14

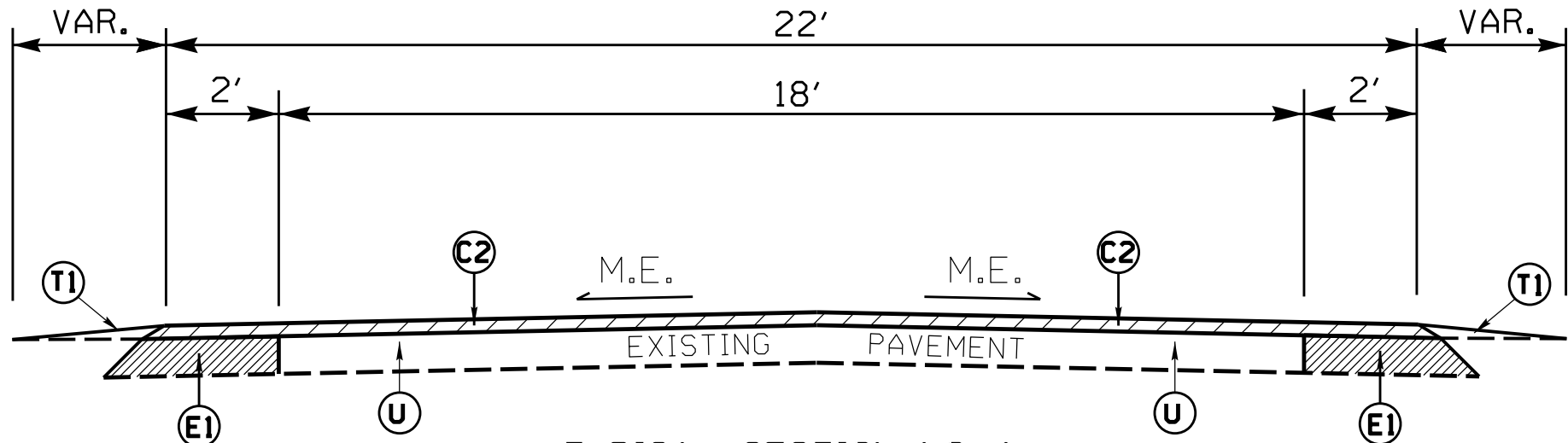
V3 FRIS MILL
MP 20.10 - MP 20.14

EFF.01-16-2024
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

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

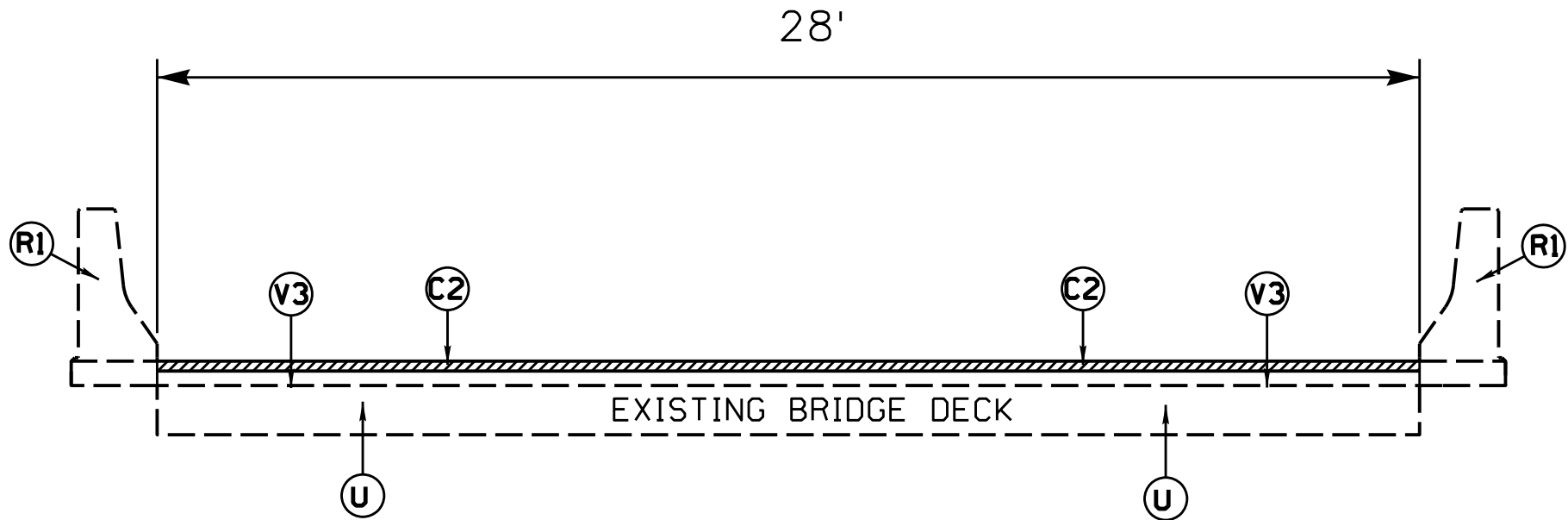
STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
862.01	GUARDRAIL PLACEMENT
862.02	GUARDRAIL INSTALLATION
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
1101.01	WORK ZONE ADVANCE WARNING SIGNS
DIVISION 12 - PVMT MARKING, MARKERS AND DELINEATION	
1205.01	Pavement Markings
1205.08	Pavement Markings - Symbols & Word Messages



TYPICAL SECTION NO. 4

MAP NO. 3
SR 1007 (WILDCAT RD)
MP 0.00 - MP 6.00

V3 FRIS MILL
MP 5.32 - MP 5.46



TYPICAL SECTION NO. 5

MAP NO. 3
SR 1007 (WILDCAT RD)
BRIDGE #0038
MP 3.70 - MP 3.71

MAP NO. 3
SR 1007 (WILDCAT RD)
BRIDGE #0058
MP 4.26 - MP 4.32

MAP NO. 3
SR 1007 (WILDCAT RD)
BRIDGE #0068
MP 5.39 - MP 5.41

PAVEMENT SCHEDULE

C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
R1	EXISTING CONCRETE BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V3	1.5" MILLING

NOTES:

MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

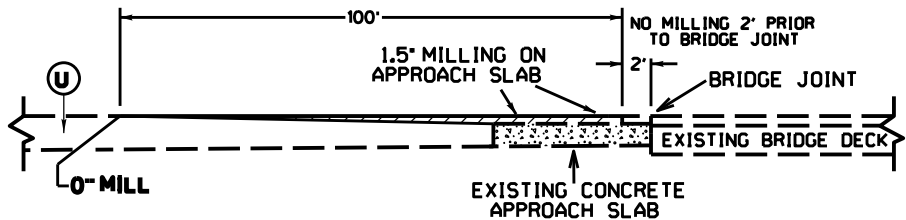
SHOULDER WORK ON MAP NO.1-3 AS NEEDED, TO BE DETERMINED BY ENGINEER.

NO ASPHALT WORK ON SAMPSON BRIDGE
*0397 MP 16.36 - MP 16.41

MAP 3 - MAINTAIN EXISTING LANE WIDTHS

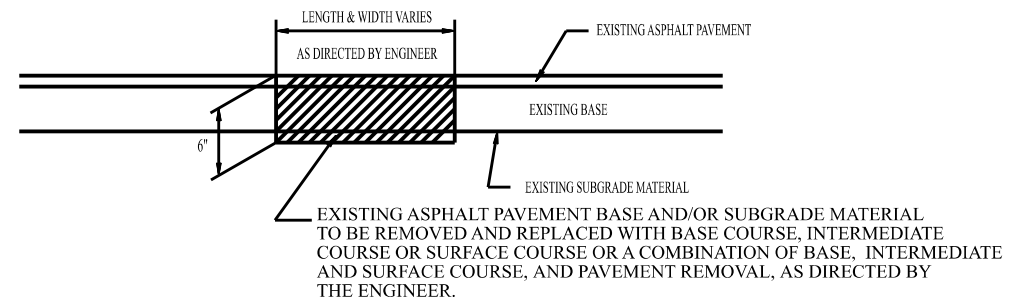
PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

INCIDENTAL MILLING DETAIL FOR BRIDGE APPROACHES

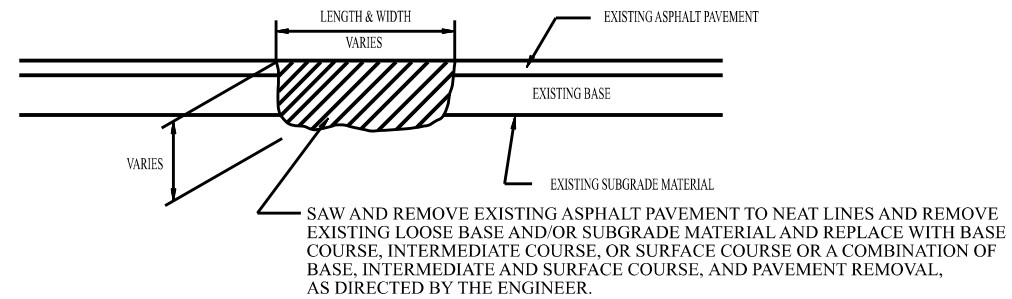


MAP 3: WILDCAT RD - BRIDGE #0038 (ASPHALT)
MAP 3: WILDCAT RD - BRIDGE #0058 (ASPHALT)
MAP 3: WILDCAT RD - BRIDGE #0068 (ASPHALT)

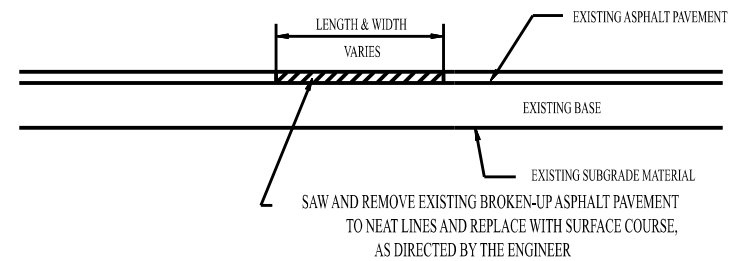
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



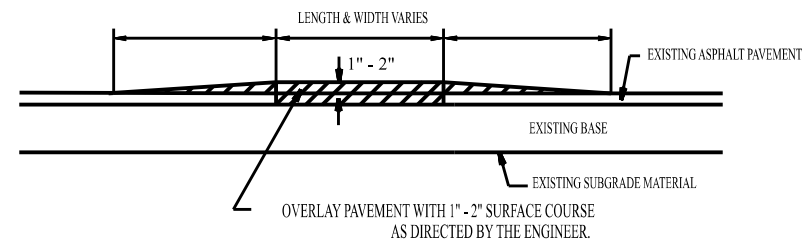
DETAIL NO. 1



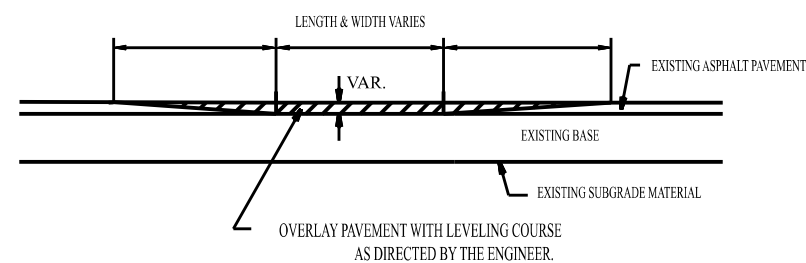
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



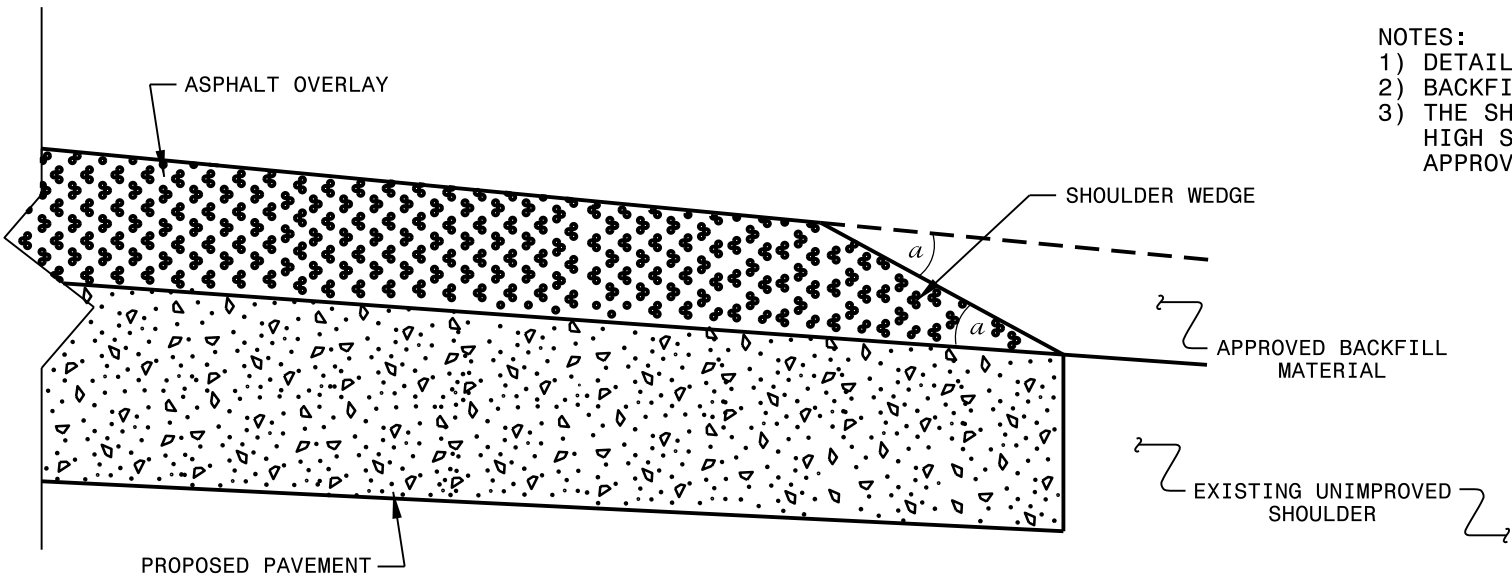
DETAIL NO. 5

REVISIONS

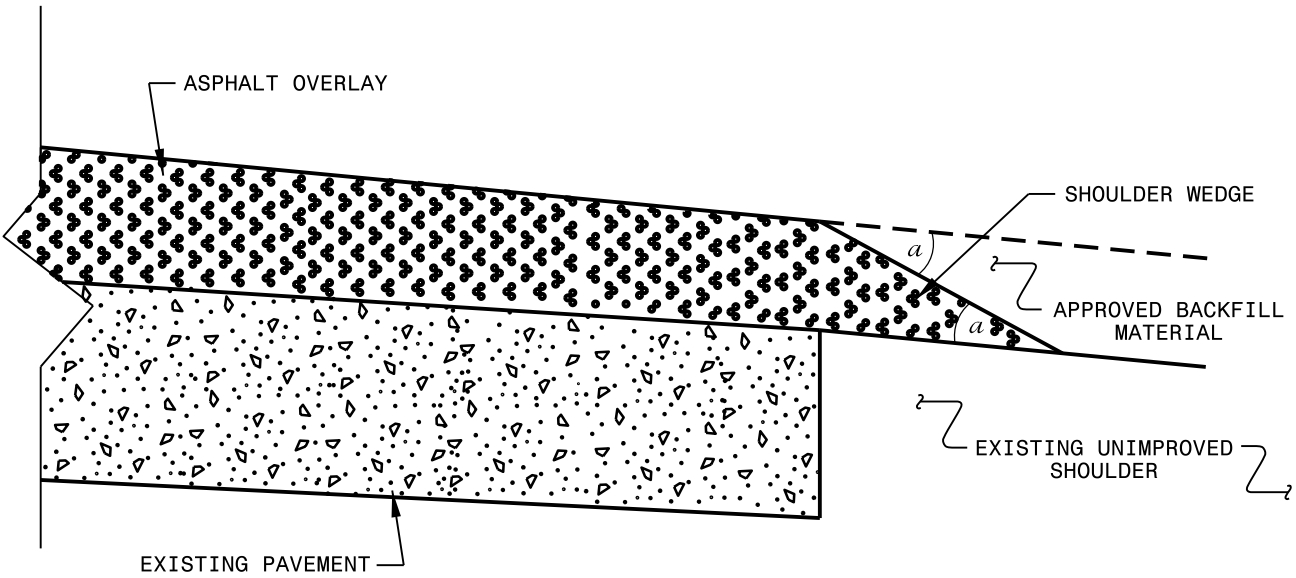
8/17/99

\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$DGN\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

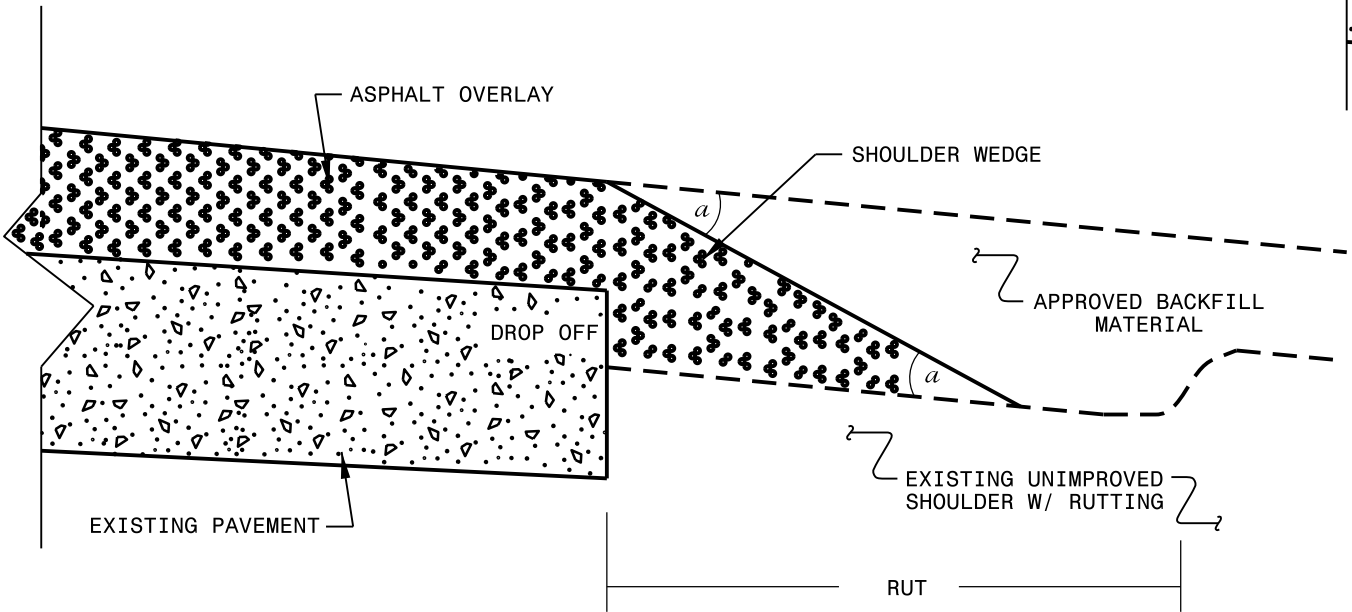
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T. SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	2/2/16
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

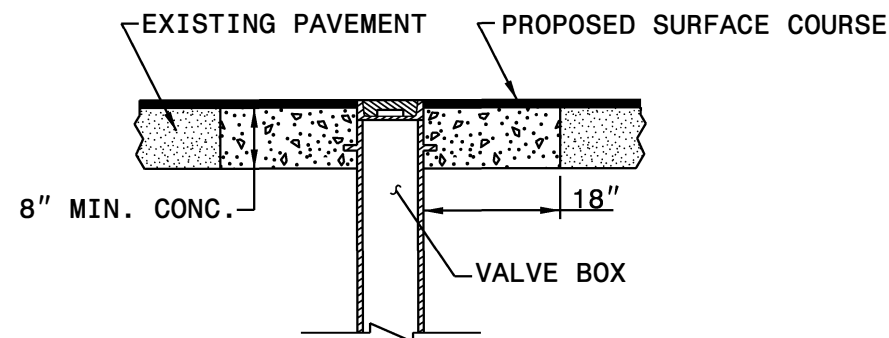
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

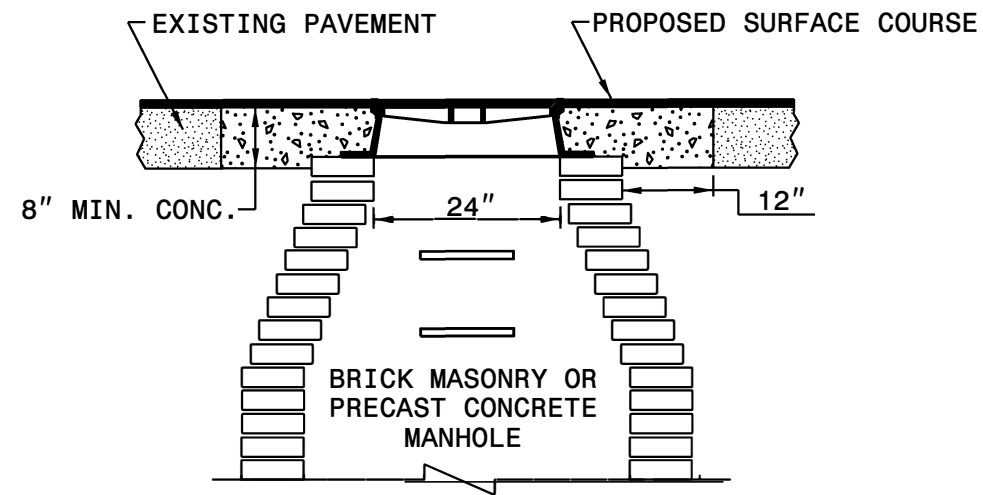
SHEET 1 OF 1
840D55

GENERAL NOTES:

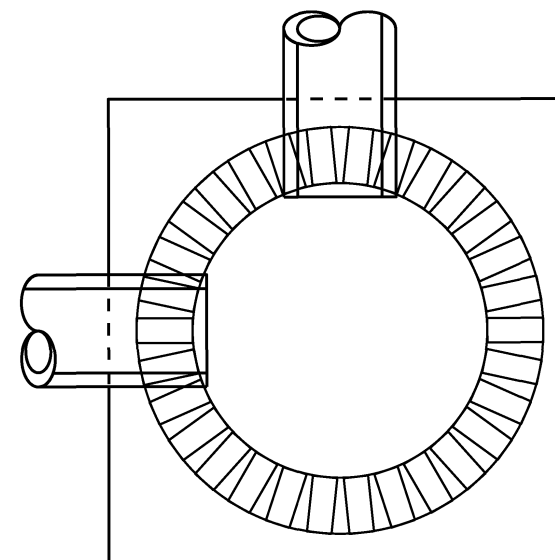
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS $\frac{1}{2}$ " +/- $\frac{1}{8}$ "



VALVE BOX CONCRETE ENCASEMENT



MANHOLE CONCRETE ENCASEMENT



ELEVATION VIEW

PLACE BRICK ACCORDING TO ELEVATION VIEW

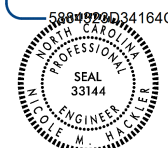
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

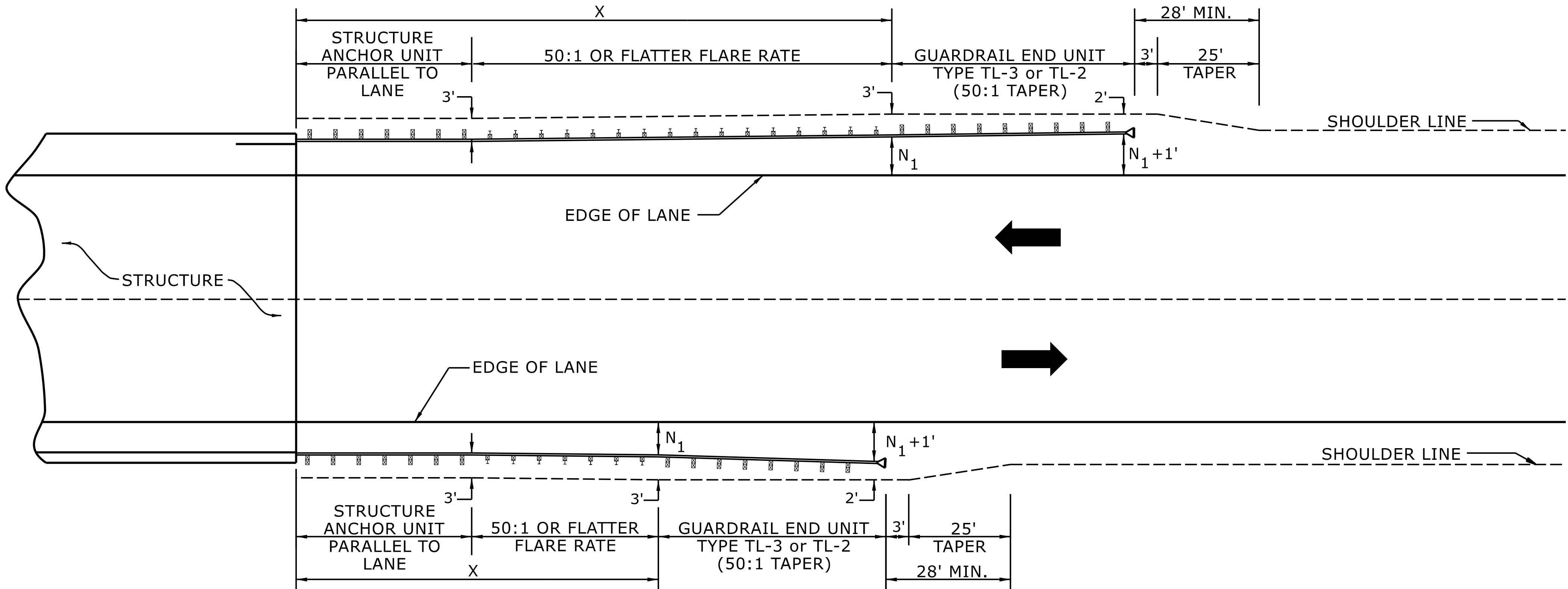
SHEET 1 OF 1
840D55

Signed by:

Nicole M. Hackler



CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
SEE PLATE FOR TITLE	
ORIGINAL BY: _____	DATE: _____
MODIFIED BY: <u>E.E. WARD</u>	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: s:\usr\materials\stand\840d55.dgn	



USE FLARE RATE AS THE CONTROL IF THE "N₁" DISTANCE IS NOT OBTAINED.
("N₁" IS BASED ON SHOULDER WIDTHS IN THE ROADWAY DESIGN MANUAL)

SEE STD. 862.03 FOR STRUCTURE ANCHOR UNITS

FOR POSTED SPEEDS ≥ 45MPH USE GREU TYPE TL-3
FOR POSTED SPEEDS < 45MPH USE GREU TYPE TL-2

GUARDRAIL LENGTH OF NEED (X) IS CALCULATED BASED ON THE AASHTO ROADSIDE DESIGN GUIDE.

LENGTHS AND OFFSETS FOR PROPOSED GUARDRAIL AT TWO LANE - TWO WAY LOCATIONS

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

SHEET 4 OF 15
862D01

Signed by:
Nicole M. Hacker
5884323D34164C5...

SEAL
033144
ENGINEER
NICOLE M. HACKLER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

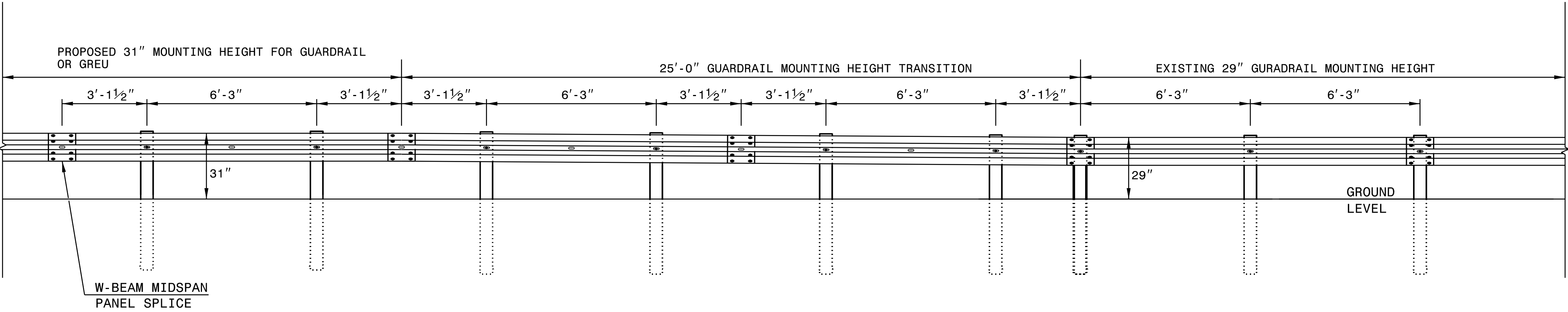
CONTRACTS STANDARDS
AND DEVELOPMENT UNIT

Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: S.CALHOUN DATE: 7-25-2024
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:

NOTE: IF EXISTING GUARDRAIL IS LOWER THAN 29", USE AN ADDITIONAL 12'-6" LONG SECTION OF GUARDRAIL,
FOR EVERY 1" OF HEIGHT DIFFERENCE, TO TRANSITION FROM EXISTING GUARDRAIL TO PROPOSED 31" GUARDRAIL.



ELEVATION VIEW

TRANSITION FROM 29" TO 31" W-BEAM GUARDRAIL MOUNTING HEIGHT

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

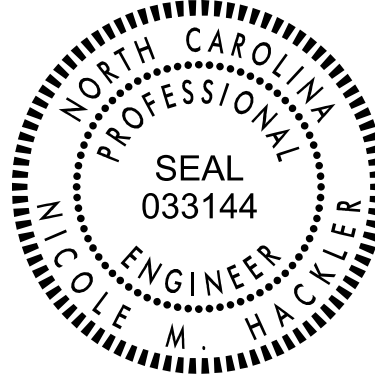
SHEET 5 OF 9

862D02

Signed by:

Nicole M. Hackler

5884323D34164C5...

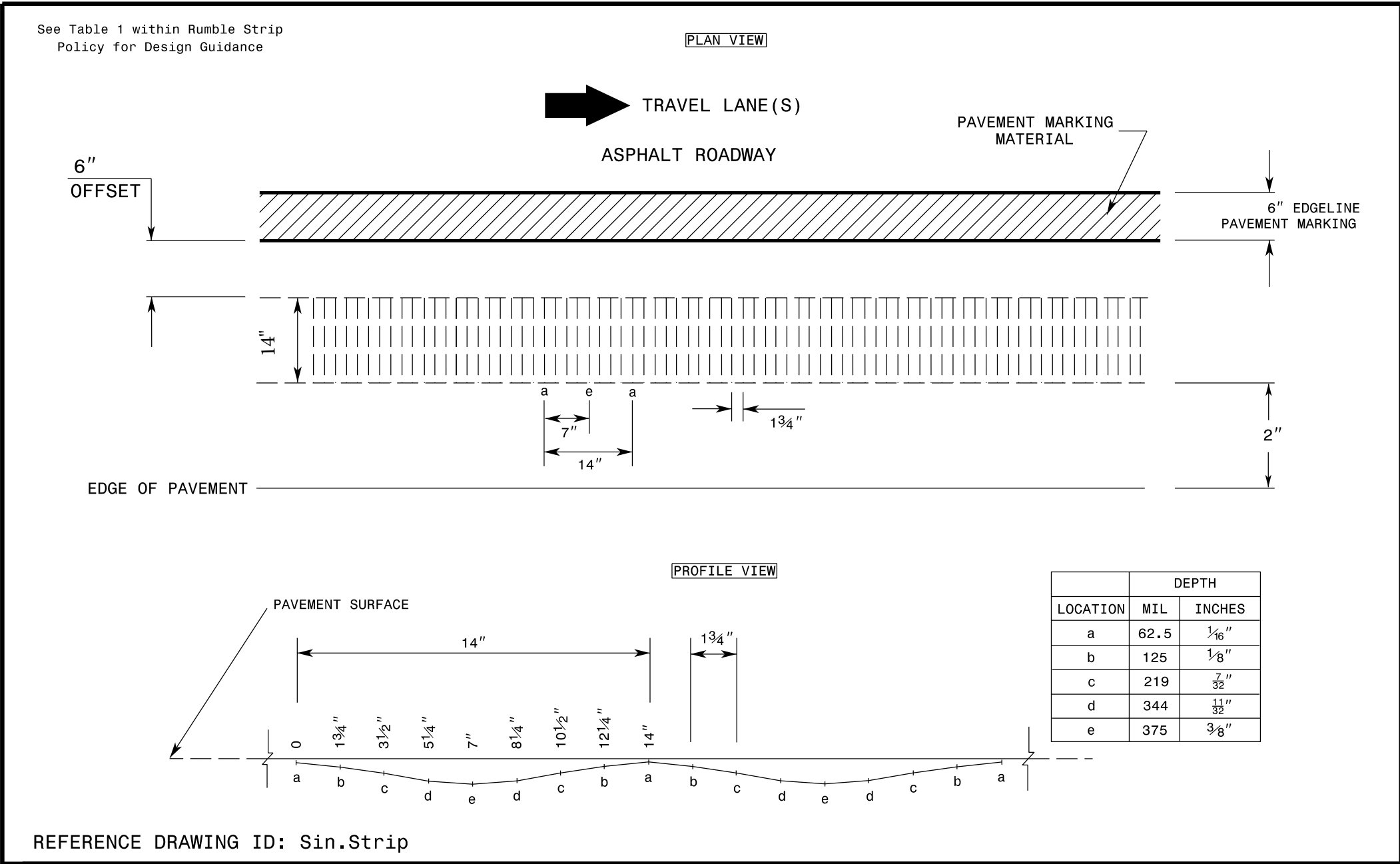


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: K. Aldridge DATE: 02-25
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:



NOTES:

1) Specification in table taken from MNDOT Research Project Final Report 2016-23: Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016

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

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
SINUSOIDAL SHOULDER RUMBLE STRIP

SHEET 2 OF 9



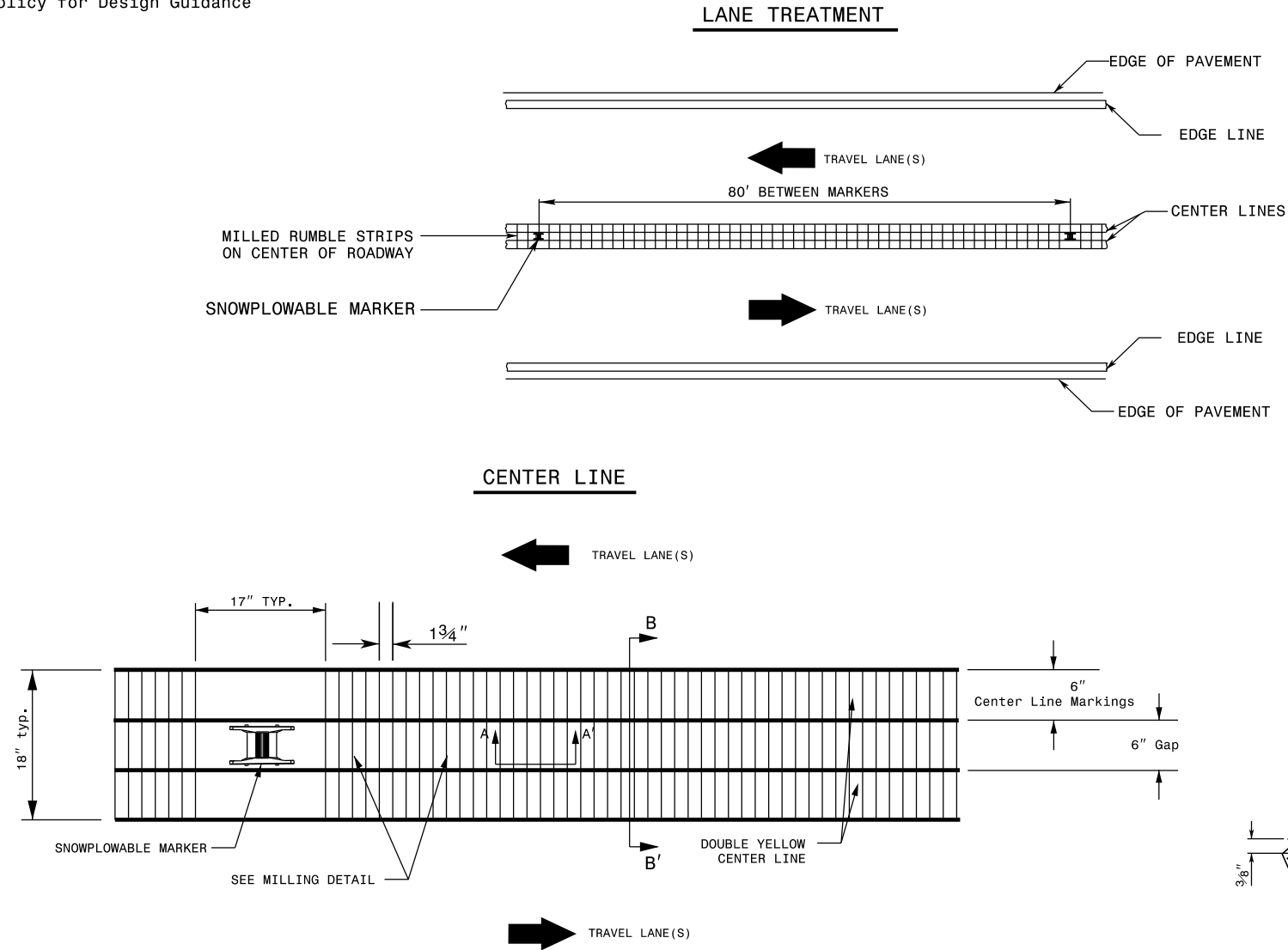
DocuSigned by:
Jessi L. Leonard
4D590D07E47C40F...
05/12/2025

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON DATE: 04-24-2025
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:

See Table 2 within Rumble Strip
Policy for Design Guidance



REFERENCE DRAWING ID: Sin.CL with Snowplowable Markers

- NOTES:**
- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
 - 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.
 - 3) INSTALL SNOWFLOWABLE MARKERS AT APPROXIMATELY 80' INCREMENTS. DO NOT MILL RUMBLE STRIPS IN SECTION WHERE SNOWFLOWABLE MARKERS ARE INSTALLED.

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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
SINUSOIDAL CENTERLINE RUMBLE STRIPE WITH SNOWFLOWABLE MARKERS

SHEET 8 OF 9



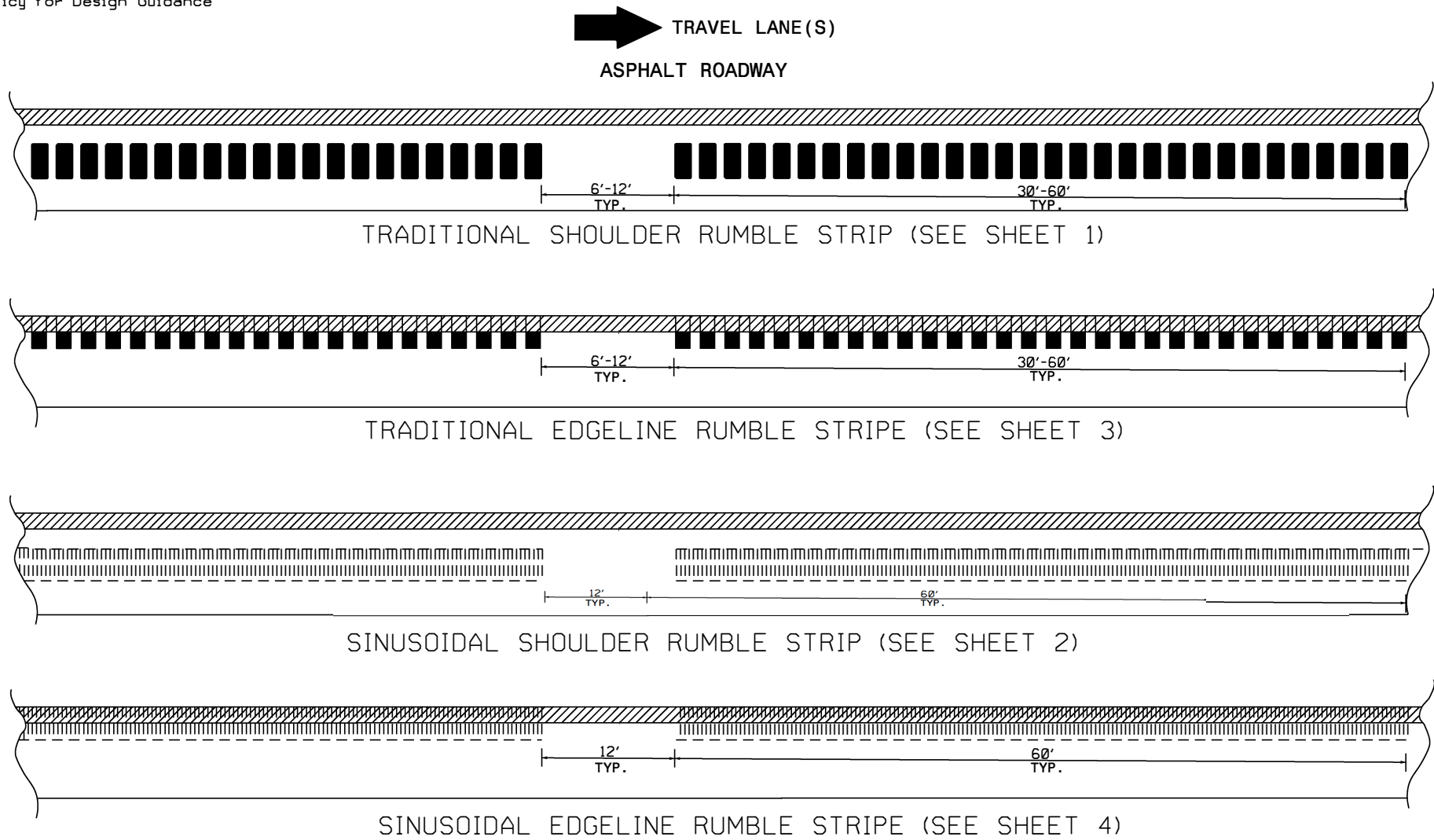
DocuSigned by:
Jessi L. Leonard
4D590D07E47C40F...
05/12/2025

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON DATE: 04-24-2025
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

See Page 4 within Rumble Strip
Policy for Design Guidance



REFERENCE DRAWING ID: Bicycle Gap

NOTES:

- 1) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF AT LEAST 5 FEET, GAPS IN MILLED PATTERNS, VARYING BETWEEN 6 AND 12 FEET, SHALL BE PROVIDED TO ALLOW BICYCLISTS TO MOVE BETWEEN THE THROUGH LANE AND THE RIGHT SHOULDER. THE PATTERN SHOULD BE A MINIMUM OF A 5:1 RUMBLE-TO-GAP RATIO.
- 2) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF 1.5 FEET UP TO 5 FEET FOR A LENGTH OF 200' OR GREATER, A BICYCLE GAP SHOULD BE CONSIDERED.
- 3) FOR ROADWAYS WITH NOMINAL PAVED SHOULDER WIDTHS OF LESS THAN 1.5 FEET, NO BICYCLE GAP IS NEEDED.

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
BICYCLE GAP FOR SHOULDER RUMBLE STRIP / EDGELINE RUMBLE STRIPE

SHEET 9 OF 9



DocuSigned by:
Jessi L. Leonard
4D590D07E47C40F...
05/12/2025

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: C. SIMPSON DATE: 04-24-2025
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: _____

PROJECT NO.	SHEET NO.
2025CPT.03.10.10821, ETC.	15

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE					0106000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1705500000-E	1881000000-E	
								LENGTH	WIDTH	BEGIN MP	END MP	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUC TION	1.5" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	SINUSOIDAL MILLED RUMBLE STRIP (14") SHOULDER	SINUSOIDAL MILLED RUMBLE STRIP (18") CENTERLINE
												CY	TON	SMI	SY	SY	TONS	TON	TON	TON	TON	TON	TON	LF	LF
2025CPT.03.10.10821	Sampson	1	NC-41 / TOMAHAWK HWY	FROM THE BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	1, 2	2	2WU	10.41	26	0	10.41	655	200	20.63	3,845	3,321	5,009			14,487	700	1,124	45	108,950	54,475
TOTAL FOR MAP NO. 1								10.41				655	200	20.63	3,845	3,321	5,009			14,487	700	1,124	45	108,950	54,475
2025CPT.03.10.10821	Sampson	2	NC-55 / HARNETT-DUNN HIGHWAY	FROM THE JOHNSTON COUNTY LINE TO THE HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	3	2	2WU	5.36	25	14.78	20.14	1,272	138	10.44	1,322	1,075				6,851		423	391	55,108	27,554
TOTAL FOR MAP NO. 2								5.36				1,272	138	10.44	1,322	1,075				6,851		423	391	55,108	27,554
TOTAL FOR PROJ NO. 2025CPT.03.10.10821								15.77				1,927	338	31.07	5,167	4,396	5,009			21,338	700	1,547	436	164,058	82,029
2025CPT.03.10.20821	Sampson	3	SR-1007 / WILDCAT RD	FROM NC HWY 41 (TOMAHAWK HWY) TO SR 1105 (DR KERR RD) [MP 0.00 - MP 6.00]	4, 5	2	2WU	6	22	0	6	733	118	11.72	4,589	2,353	3,849	6,851	200			459	23		
TOTAL FOR MAP NO. 3								6				733	118	11.72	4,589	2,353	3,849	6,851	200			459	23		
TOTAL FOR PROJ NO. 2025CPT.03.10.20821								6				733	118	11.72	4,589	2,353	3,849	6,851	200			459	23		
GRAND TOTAL								21.77				2,660	456	42.79	9,756	6,749	8,858	6,851	200	21,338	700	2,006	459	164,058	82,029

PROJECT NO.	SHEET NO.
2025CPT.03.10.10821, ETC.	16

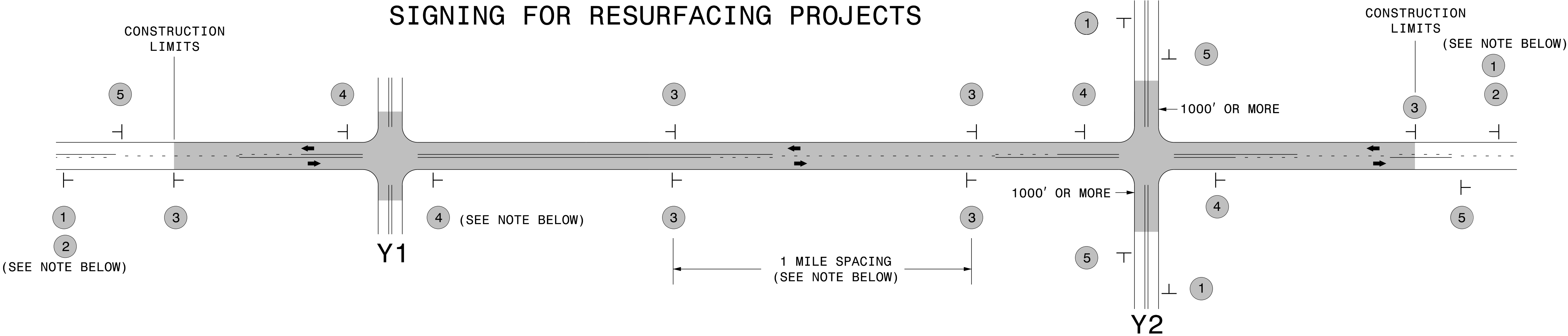
SUMMARY OF QUANTITIES

												2845000000-N	3287000000-N	3420000000-E	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	ADJUSTMENT OF METER OR VALVE BOX	GUARDRAIL END UNITS, TYPE TL-3	REMOVE & REPLACE EXISTING GUARDRAIL (GENERIC)	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	FERTILIZER FOR TEMPORARY SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL
								MI	FT			EA	EA	LF	LF	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA
2025CPT.03.10.10821	Sampson	1	NC-41 / TOMAHAWK HWY	FROM THE BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	1, 2	2	2WU	10.41	26	0	10.41	1	8	800	1,041	260	260	10.00	520	2.60	70	520	160	10.00	520	2.60	20
TOTAL FOR MAP NO. 1								10.41				1	8	800	1,041	260	260	10.00	520	2.60	70	520	160	10.00	520	2.60	20
2025CPT.03.10.10821	Sampson	2	NC-55 / HARNETT-DUNN HIGHWAY	FROM THE JOHNSTON COUNTY LINE TO THE HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	3	2	2WU	5.36	25	14.78	20.14				536	134	134	5.36	268	1.00	40	268	90	5.00	268	1.00	10
TOTAL FOR MAP NO. 2								5.36							536	134	134	5.36	268	1.00	40	268	90	5.00	268	1.00	10
TOTAL FOR PROJ NO. 2025CPT.03.10.10821								15.77				1	8	800	1,577	394	394	15.36	788	3.60	110	788	250	15.00	788	3.60	30
2025CPT.03.10.20821	Sampson	3	SR-1007 / WILDCAT RD	FROM NC HWY 41 (TOMAHAWK HWY) TO SR 1105 (DR KERR RD) [MP 0.00 - MP 6.00]	4, 5	2	2WU	6	22	0	6				600	150	150	6.00	300	1.50	40	300	90	6.00	2	1.50	12
TOTAL FOR MAP NO. 3								6							600	150	150	6.00	300	1.50	40	300	90	6.00	2	1.50	12
TOTAL FOR PROJ NO. 2025CPT.03.10.20821								6							600	150	150	6.00	300	1.50	40	300	90	6.00	2	1.50	12
GRAND TOTAL								21.77				1	8	800	2,177	544	544	21.36	1,088	5.10	150	1,088	340	21.00	790	5.10	42

PROJECT NO.	SHEET NO.
2025CPT.03.10.10821, ETC.	17

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N	4688000000-E		4700000000-E	4709000000-E	4725000000-E				4895000000-N		4900000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	12" X 90 M WHITE THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24" X 90 MILS)	THERMO STR ARROW (90 MIL)	THERMO RT ARROW (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO STR & RT ARROW (90 MIL)	POLYCARBONATE H SHAPED MARKER (Y/Y)	POLYCARBONATE H SHAPED MARKER (C/R)	YELLOW & YELLOW MARKERS
								MI	FT			SF	LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA
2025CPT.03.10.10821	Sampson	1	NC-41 / TOMAHAWK HWY	FROM THE BLADEN COUNTY LINE TO SR 1155 (WARD RD) [MP 0.00 - MP 10.41]	1, 2	2	2WU	10.41	26	0	10.41	1,168	*	108,980	79,683	60		3	3	6	2	707	27	
TOTAL FOR MAP NO. 1							10.41				1,168	108,980		79,683	60		3	3	6	2	707	27		
2025CPT.03.10.10821	Sampson	2	NC-55 / HARNETT-DUNN HIGHWAY	FROM THE JOHNSTON COUNTY LINE TO THE HARNETT COUNTY LINE [MP 14.78 - MP 20.14]	3	2	2WU	5.36	25	14.78	20.14	608		55,108	27,097		80					344		
TOTAL FOR MAP NO. 2							5.36					608		55,108	27,097		80					344		
TOTAL FOR PROJ NO. 2025CPT.03.10.10821							15.77					1,776	1.00	164,088	106,780	60	80	3	3	6	2	1,051	27	
														270,868				14				1,078		
2025CPT.03.10.20821	Sampson	3	SR-1007 / WILDCAT RD	FROM NC HWY 41 (TOMAHAWK HWY) TO SR 1105 (DR KERR RD) [MP 0.00 - MP 6.00]	4, 5	2	2WU	6	22	0	6	672	*	61,974	33,914									387
TOTAL FOR MAP NO. 3							6				672	61,974		33,914									387	
TOTAL FOR PROJ NO. 2025CPT.03.10.20821							6				672	61,974		33,914									387	
														1.000	95,888									
GRAND TOTAL								21.77				2,448	1	226,062	140,694	60	80	3	3	6	2	1,051	27	387
														366,756				14				1,078		



LEGEND

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STATIONARY SIGN

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DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3gP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

NOTES: Less than 5' – 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL

