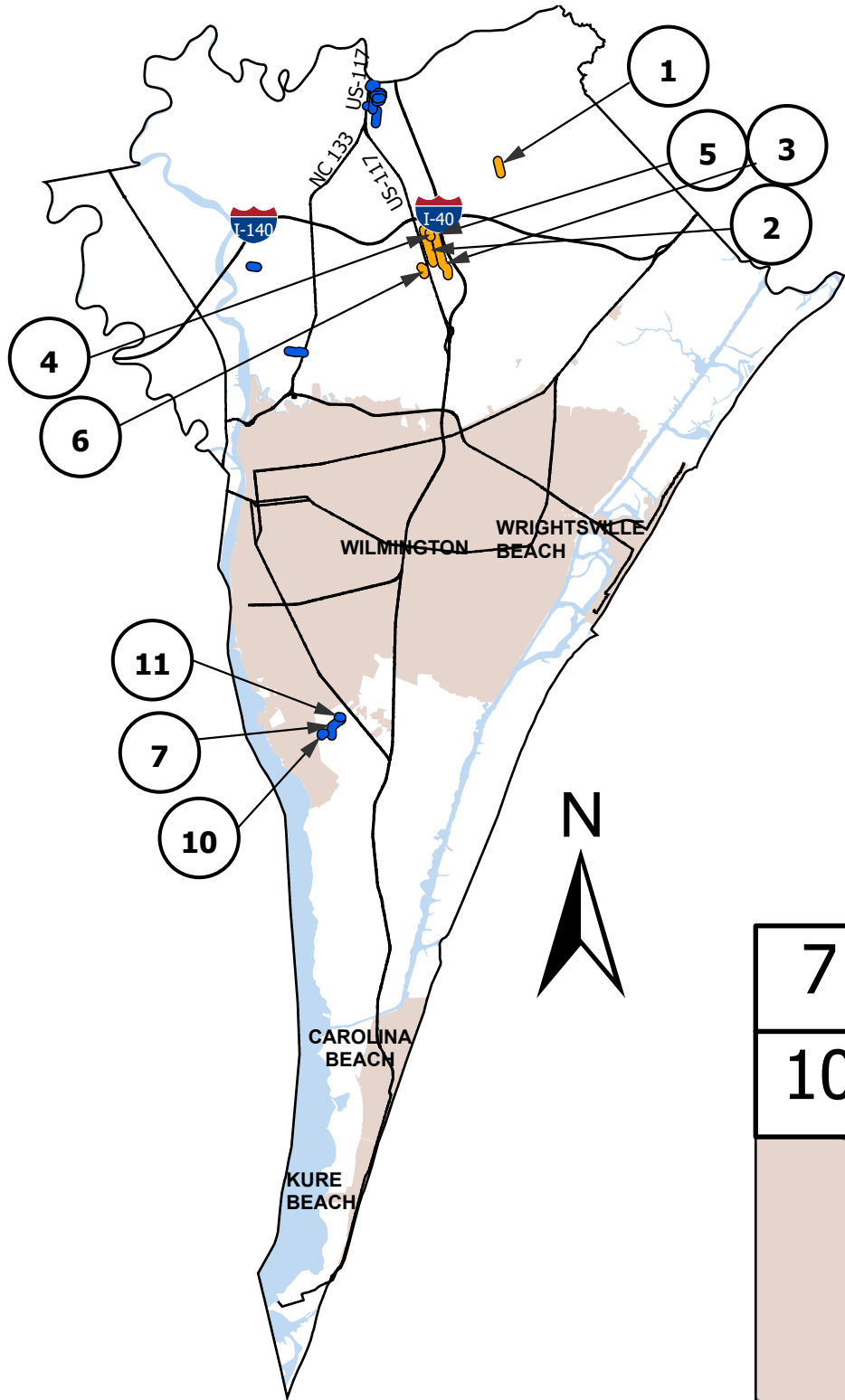
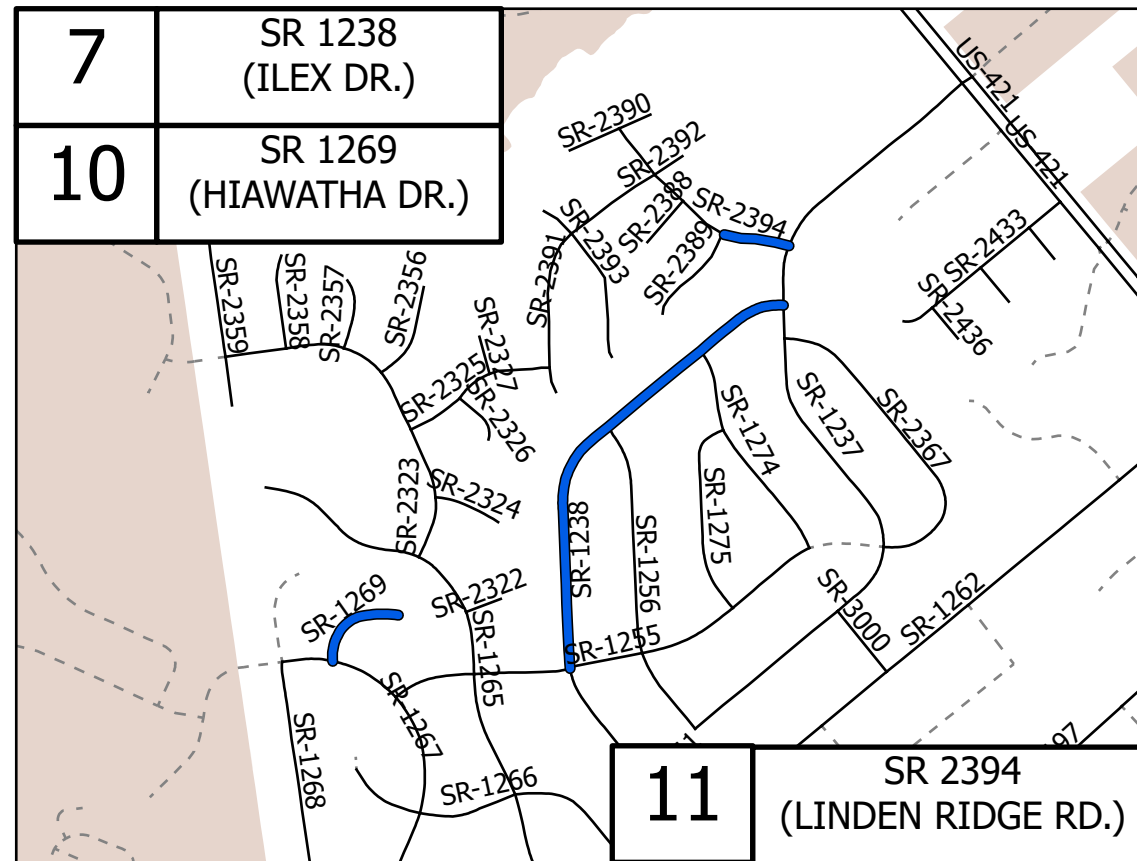
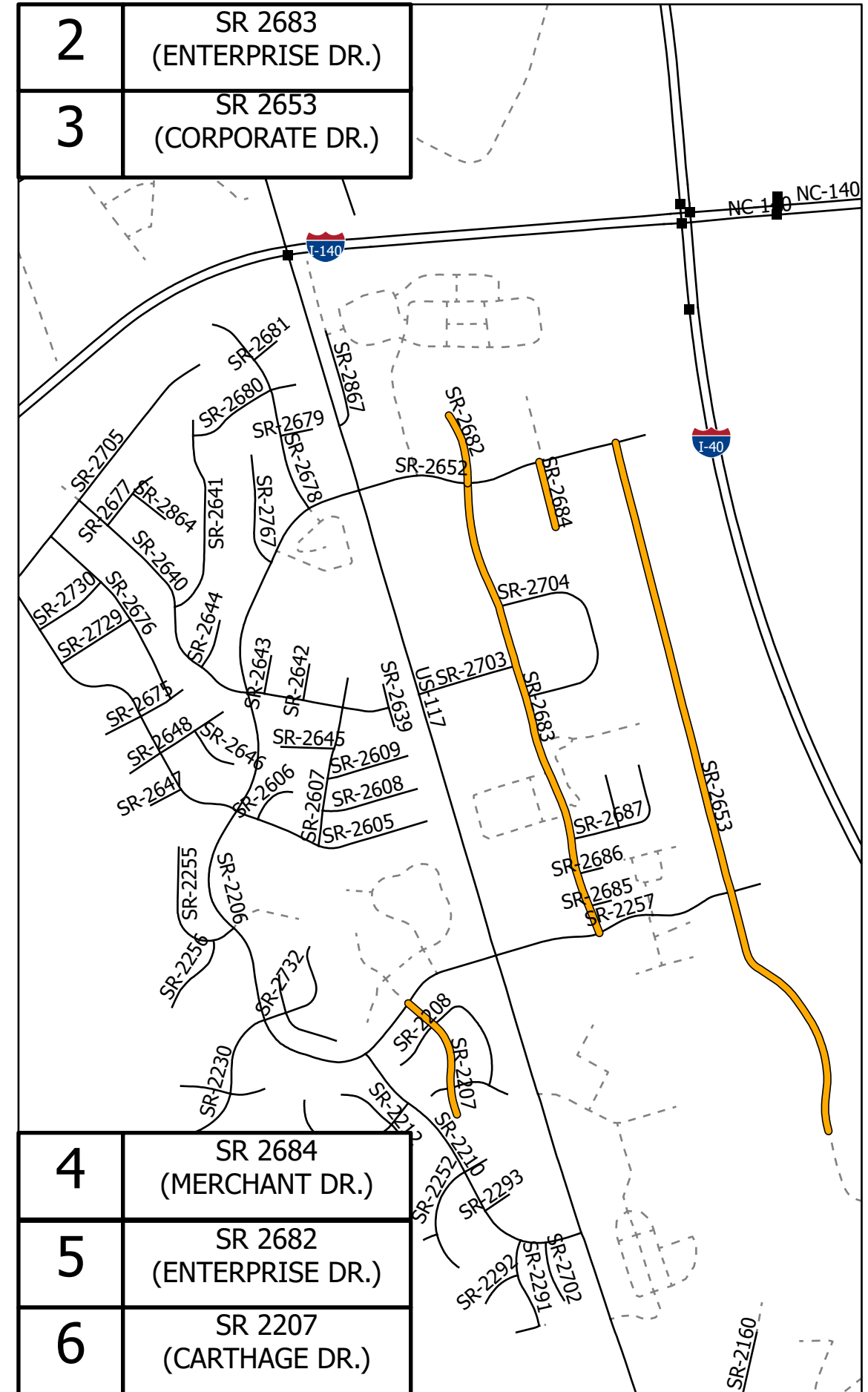
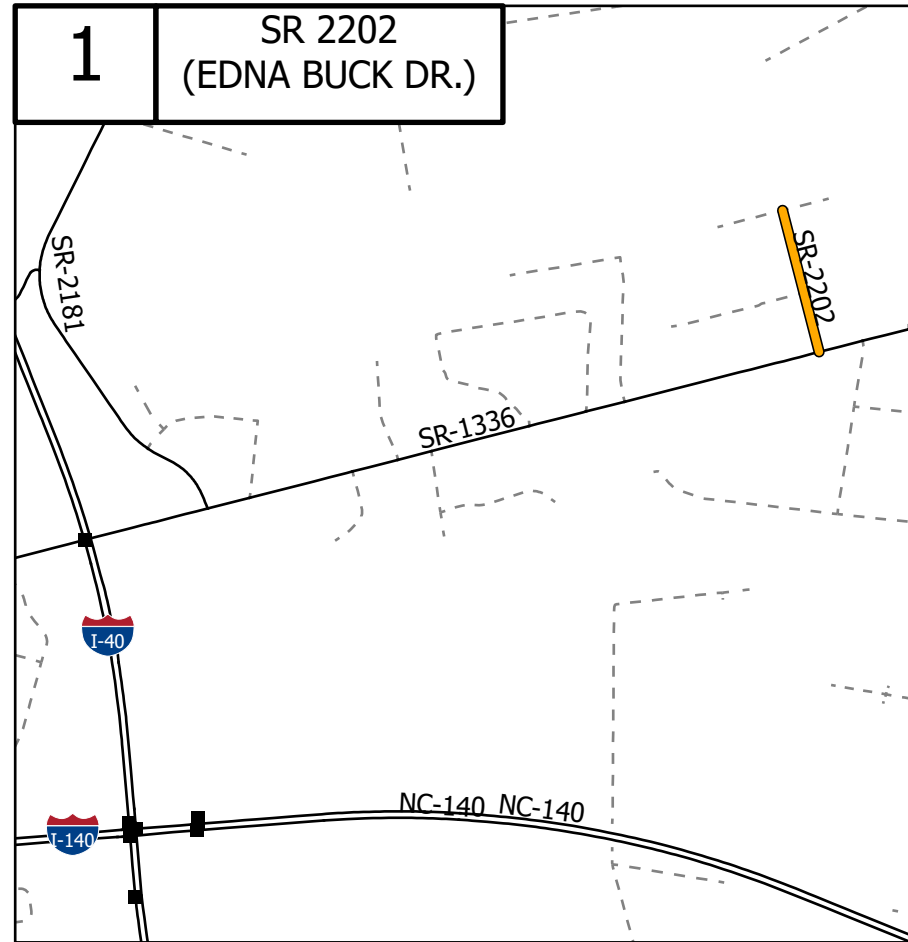


New Hanover County 1 - 7, 10-11

PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.20651, ETC	1

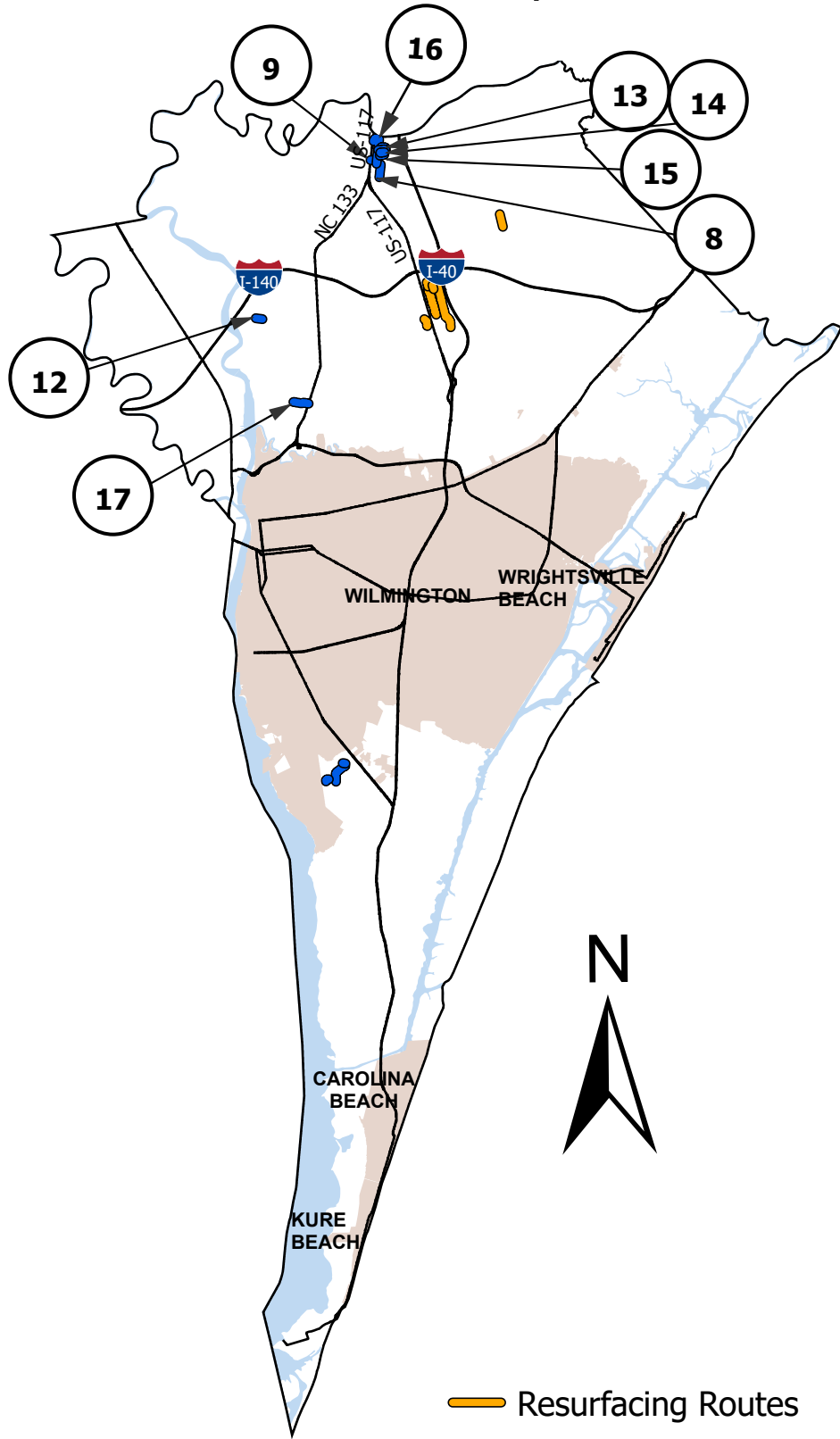


- Resurfacing Routes
- Preservation Routes
- D3 Bridges
- - - NonSystem

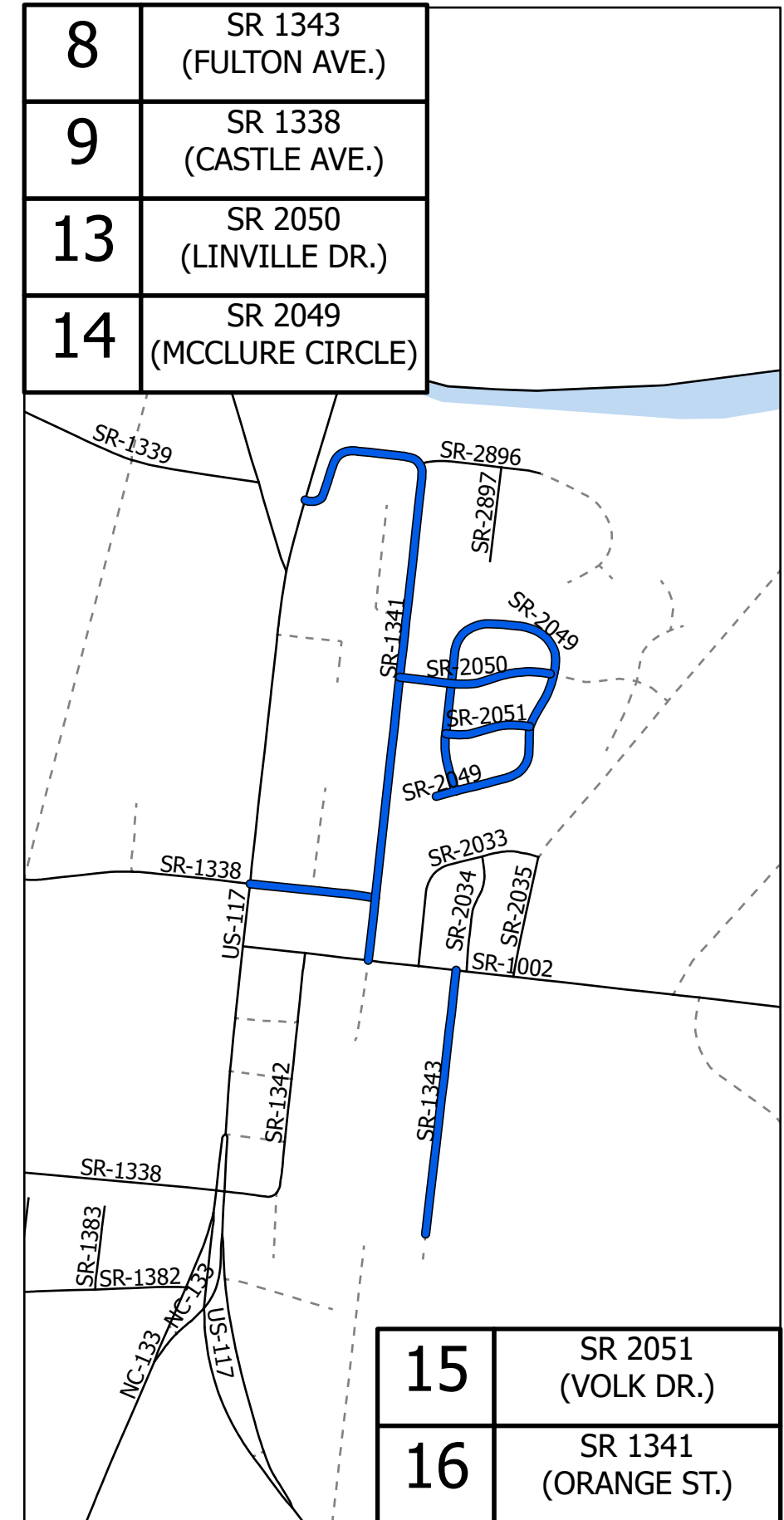
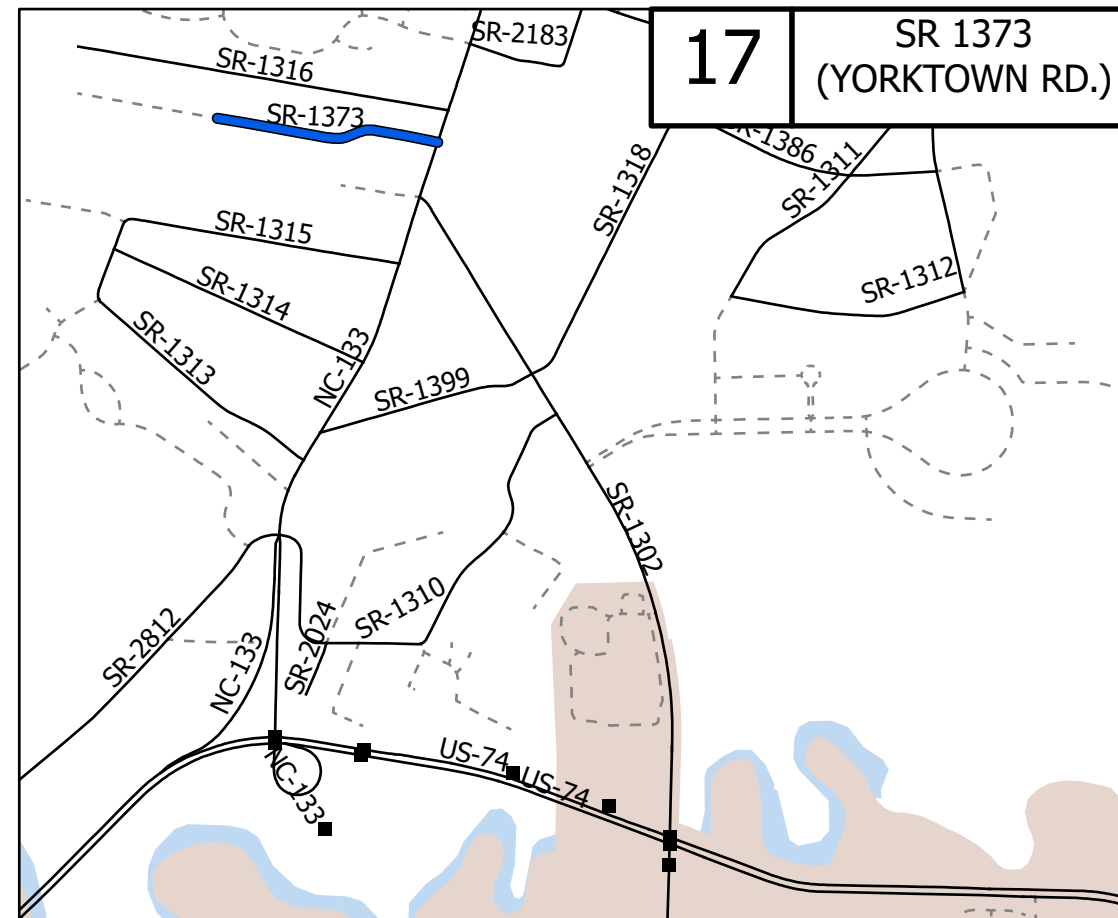
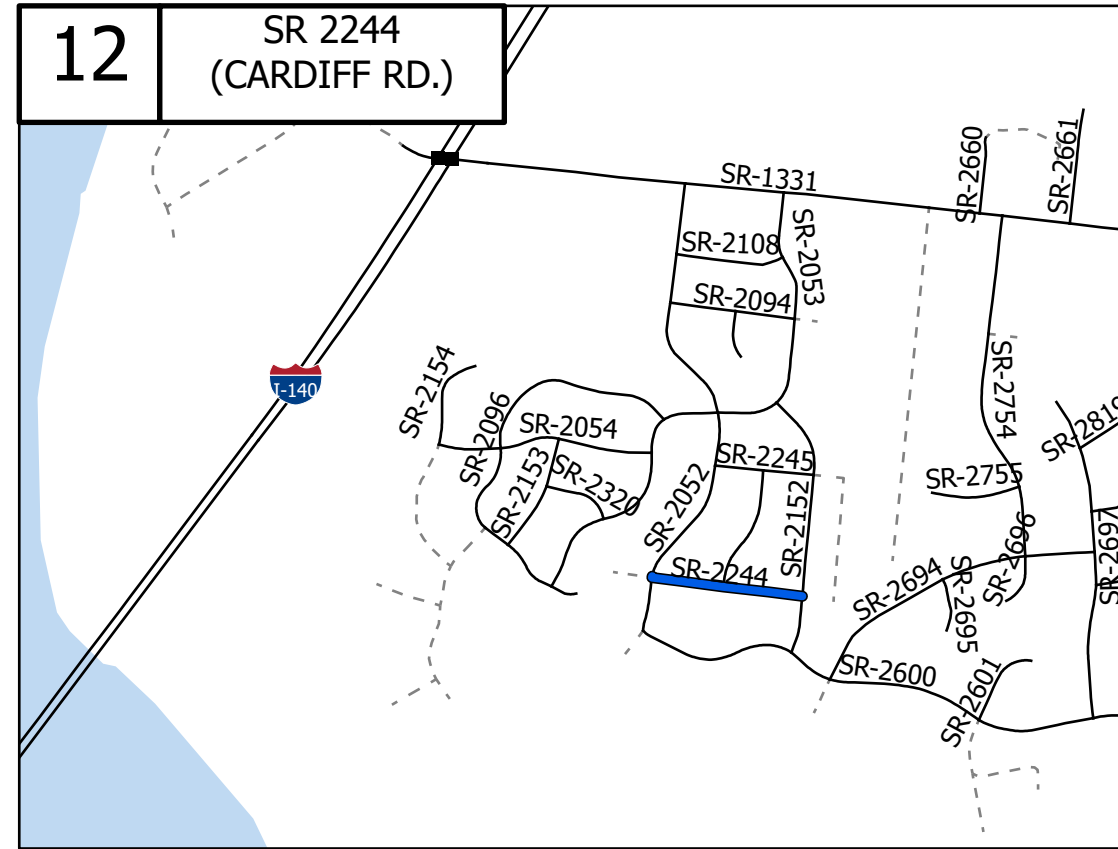


New Hanover County 8-9, 12-17

PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.20651, ETC	2



- Resurfacing Routes
- Preservation Routes
- D3 Bridges
- - - NonSystem



12 SR 2244
(CARDIFF RD.)

17 SR 1373
(YORKTOWN RD.)

8 SR 1343
(FULTON AVE.)

9 SR 1338
(CASTLE AVE.)

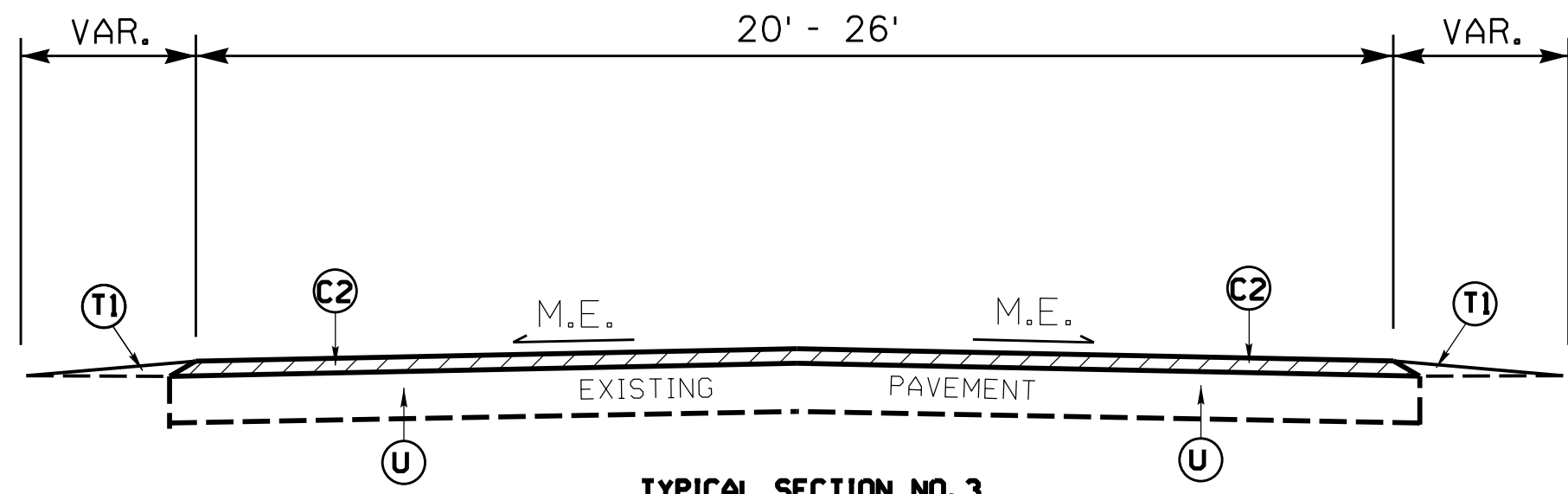
13 SR 2050
(LINVILLE DR.)

14 SR 2049
(MCCLURE CIRCLE)

15 SR 2051
(VOLK DR.)

16 SR 1341
(ORANGE ST.)

PAVEMENT SCHEDULE	
C2	1½" S9.5B
C4	¾" S4.75A
T1	EARTH MATERIAL SHOULDER RECONST.
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 3

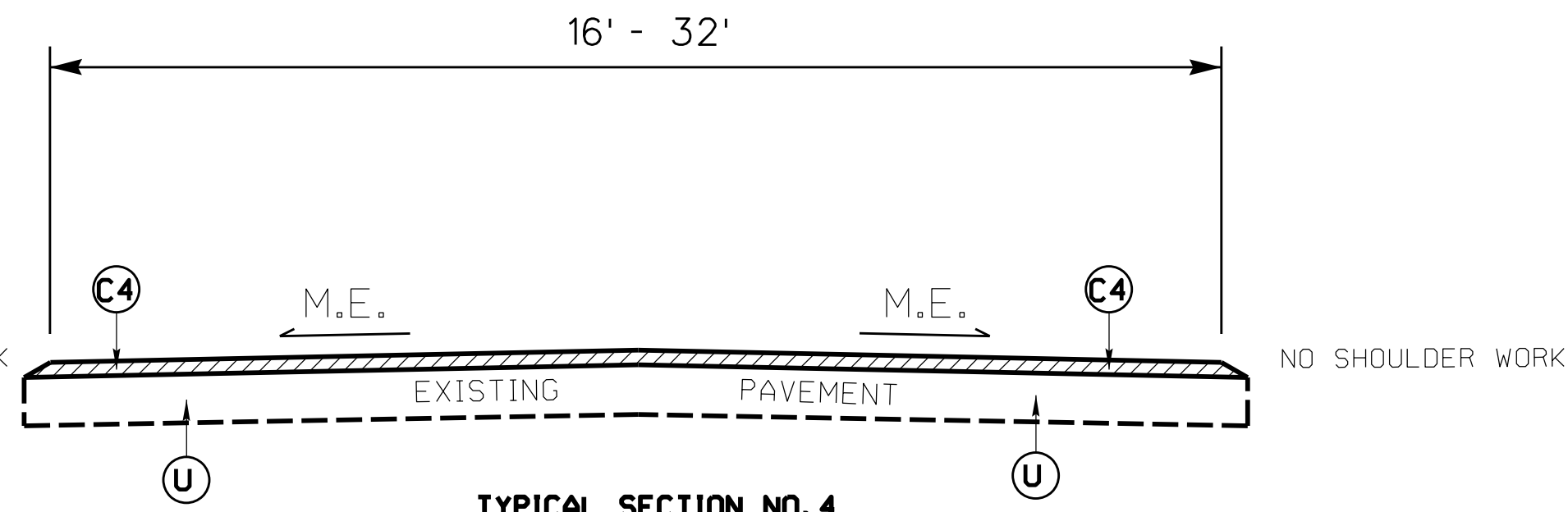
MAP NO. 4
 SR 2684 (MERCHANT CT.)
 MP 0.00 - MP 0.10

MAP NO. 5
 SR 2682 (ENTERPRISE DR.)
 MP 0.00 - MP 0.10

MAP NO. 6
 SR 2207 (CARTHAGE DR.)
 MP 0.00 - MP 0.19

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

NOTES: SHOULDER WORK ON MAP NO. 4 - 6 AS NEEDED, TO BE DETERMINED BY ENGINEER.



TYPICAL SECTION NO. 4

MAP NO. 7
 SR 1238 (ILEX DR.)
 MP 0.00 - MP 0.47

MAP NO. 8
 SR 1343 (FULTON AVE.)
 MP 0.00 - MP 0.30

MAP NO. 9
 SR 1338 (CASTLE AVE.)
 MP 2.45 - MP 2.59

MAP NO. 10
 SR 1269 (HIAWATHA DR.)
 MP 0.00 - MP 0.09

MAP NO. 11
 SR 2394 (LINDEN RIDGE RD.)
 MP 0.00 - MP 0.07

MAP NO. 12
 SR 2244 (CARDIFF RD.)
 MP 0.00 - MP 0.15

MAP NO. 13
 SR 2050 (LINVILLE DR.)
 MP 0.00 - MP 0.18

MAP NO. 14
 SR 2049 (MCCLURE CIR.)
 MP 0.00 - MP 0.55

MAP NO. 15
 SR 2051 (VOLK DR.)
 MP 0.00 - MP 0.10

MAP NO. 16
 SR 1341 (ORANGE ST.)
 MP 0.00 - MP 0.74

MAP NO. 17
 SR 1373 (YORKTOWN RD.)
 MP 0.00 - MP 0.35

REVISIONS

8/17/99
 SYSTEMS DESIGN
 NAME

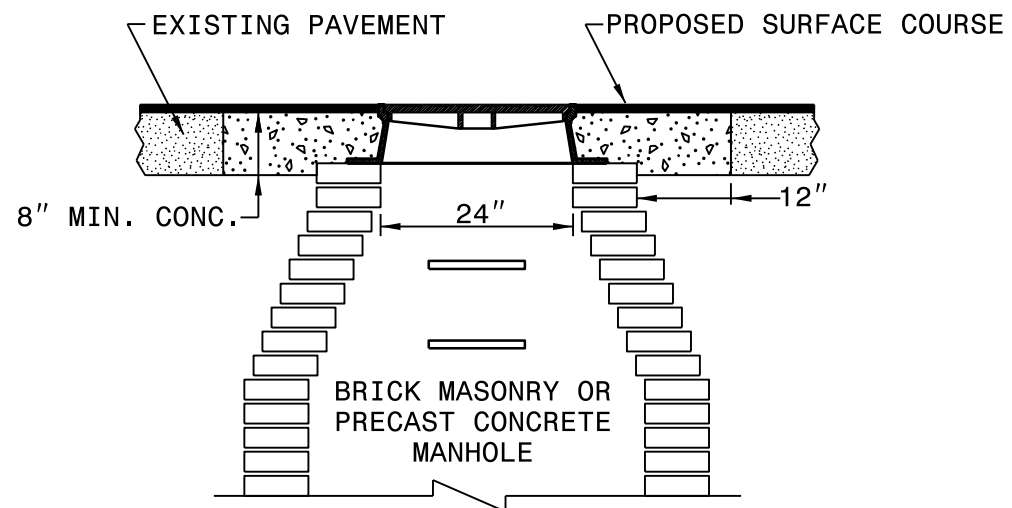
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

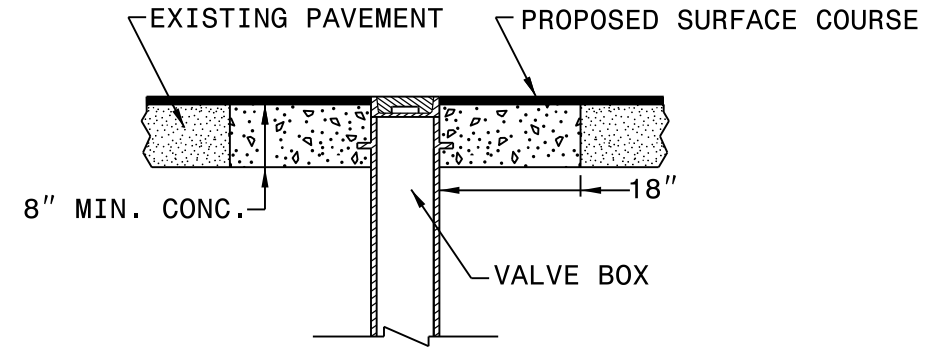
SHEET 1 OF 1
840D55

GENERAL NOTES:

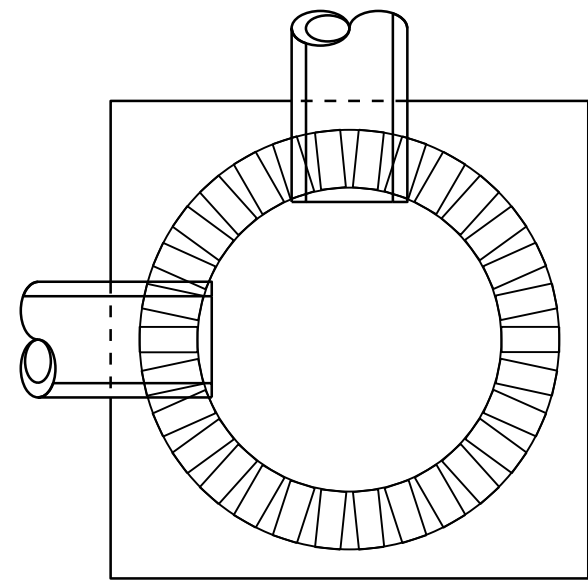
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS $\frac{1}{2}$ " +/- $\frac{1}{8}$ "
7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2018 STANDARD SPECIFICATIONS.



MANHOLE CONCRETE ENCASEMENT



VALVE BOX CONCRETE ENCASEMENT



ELEVATION VIEW

PLACE BRICK ACCORDING TO ELEVATION VIEW

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

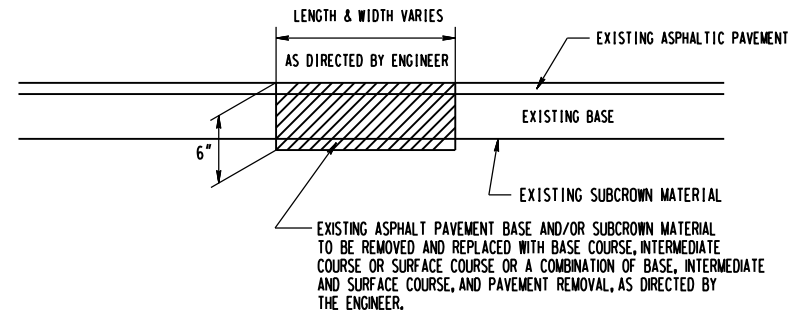
SHEET 1 OF 1
840D55

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

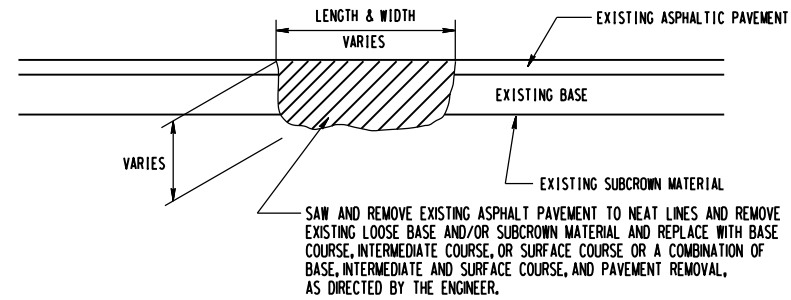
REVISIONS

28-NOV-2017 10:49
S:\Division Resurfacing\z Design Standards & Specifications\Drawings\Roadway\Roadway\840D55.dwg
8/17/99

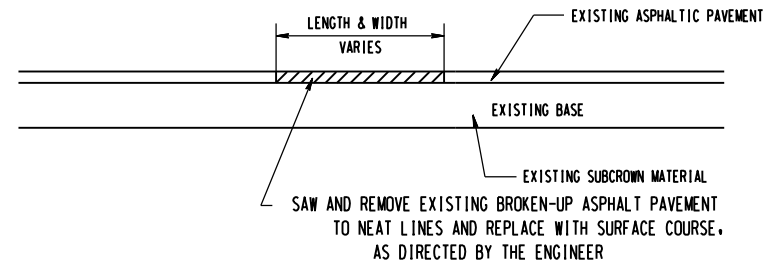
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



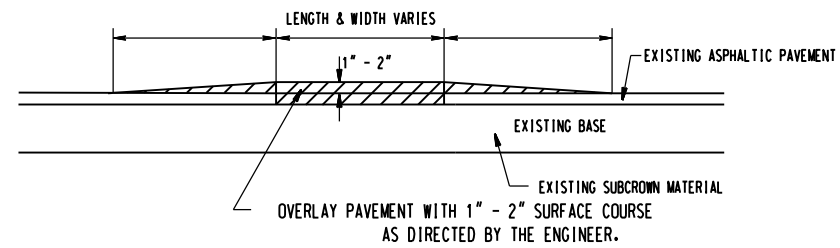
DETAIL NO. 1



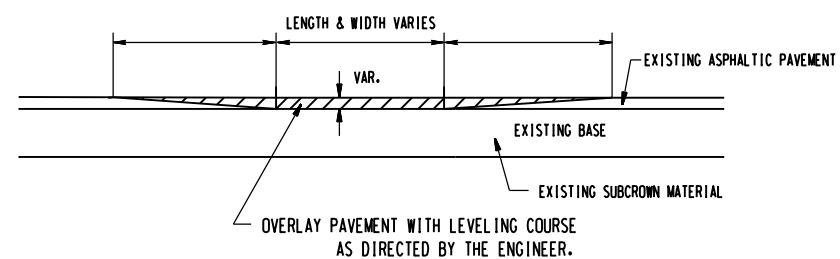
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

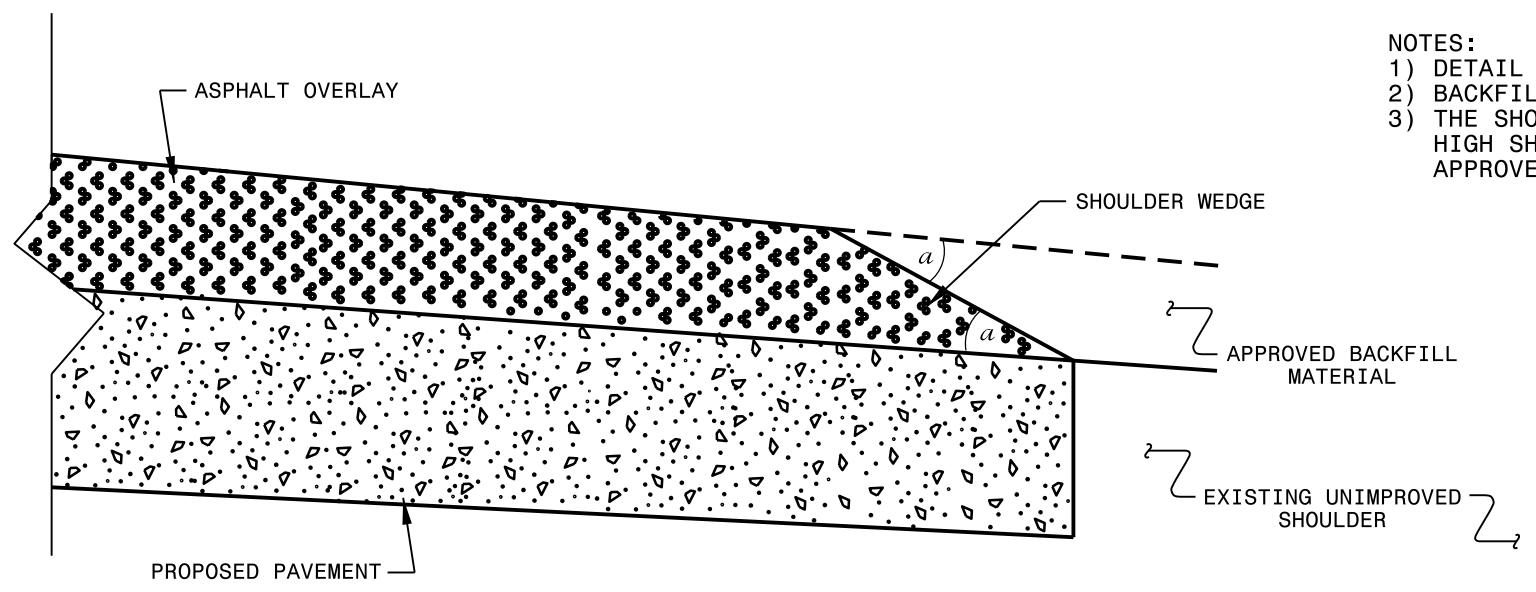


DETAIL NO. 5

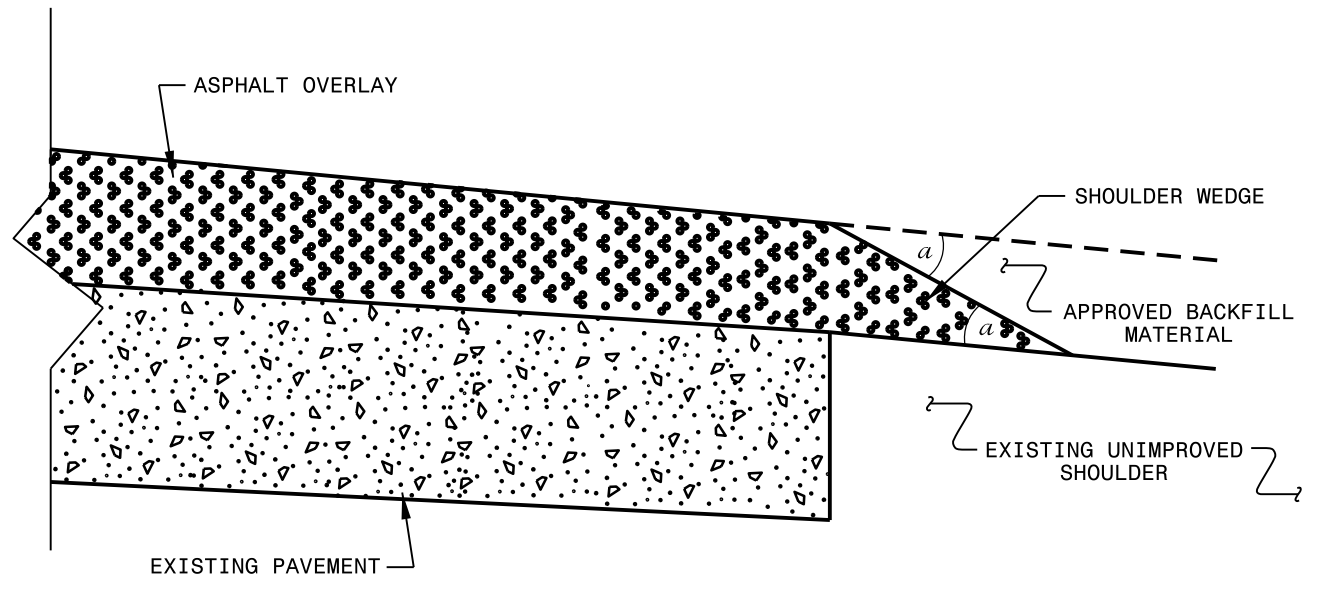
REVISIONS

20-APP-2015-1156
 C:\Users\jmkim\OneDrive\Desktop\DETAIL_PSHS\Microsoft\Station Files\3CR\20711173_Patch.dgn
 \$\$\$SYSTRANS\$\$\$

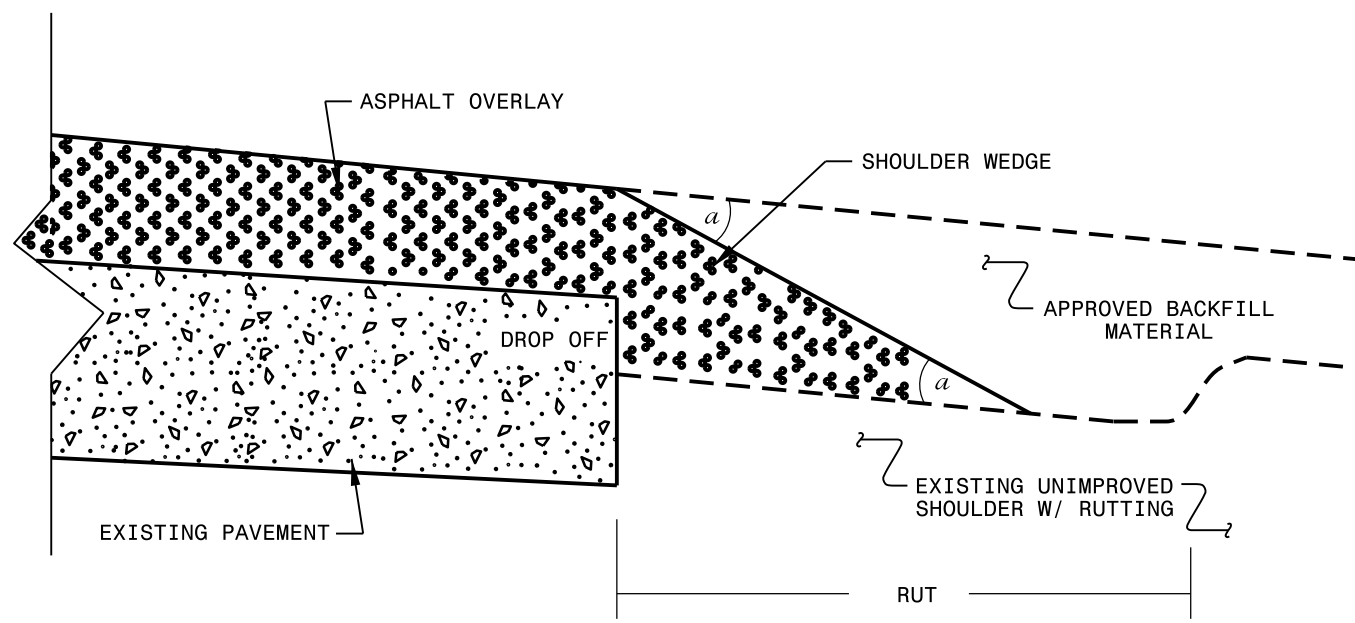
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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			

27 JUN 2018 13:22 s:\projects\Resurfacing Projects\Division 3\Sampson August 2018\Revised Shoulder Wedge Detail.dgn
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

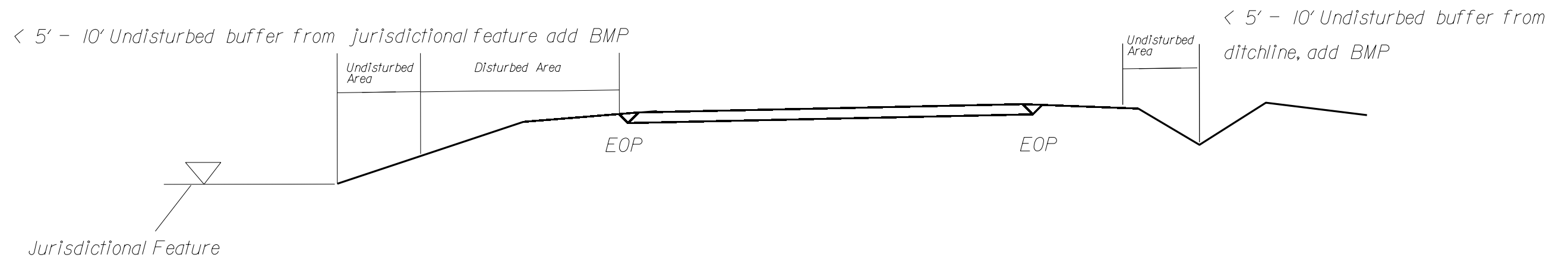
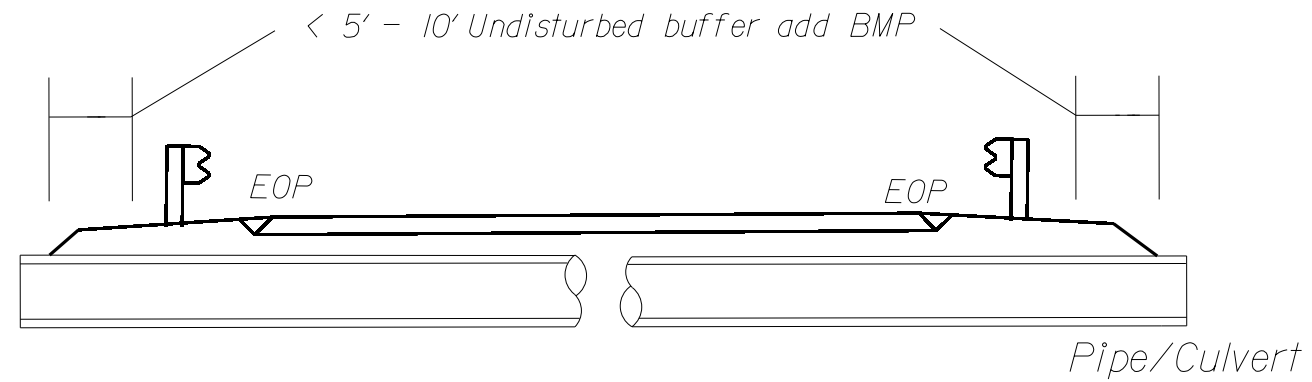
SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
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

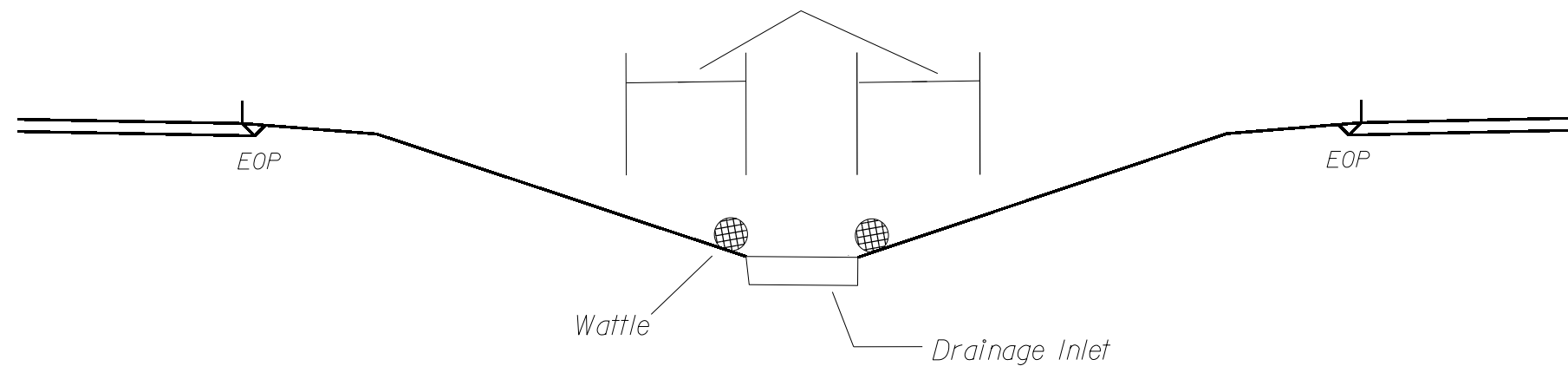
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

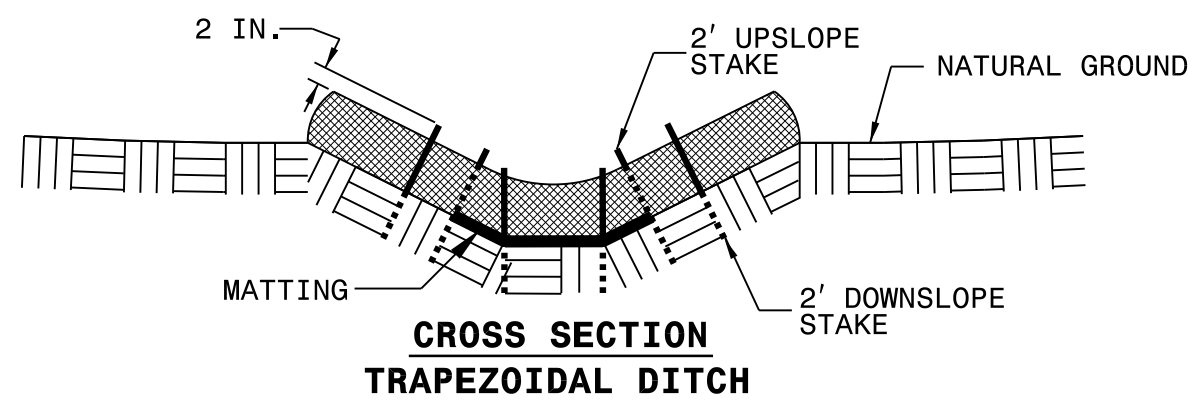
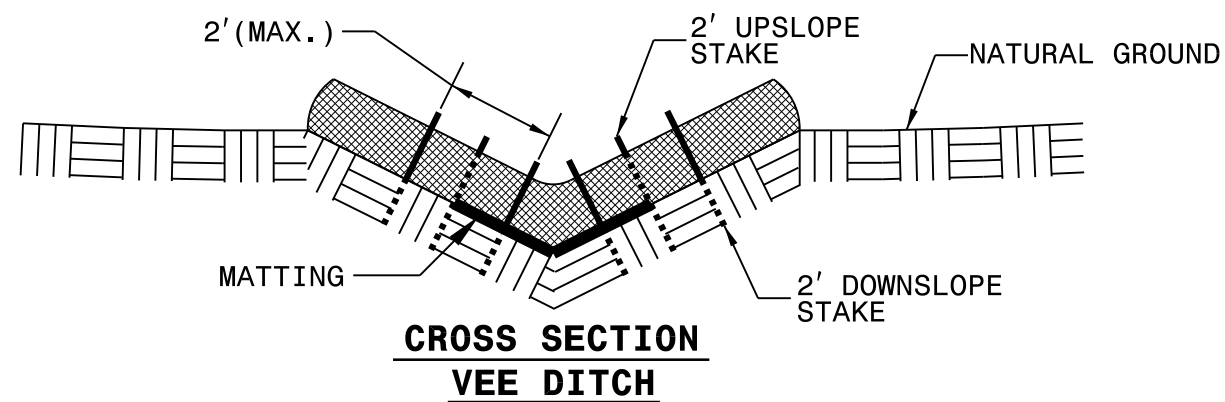
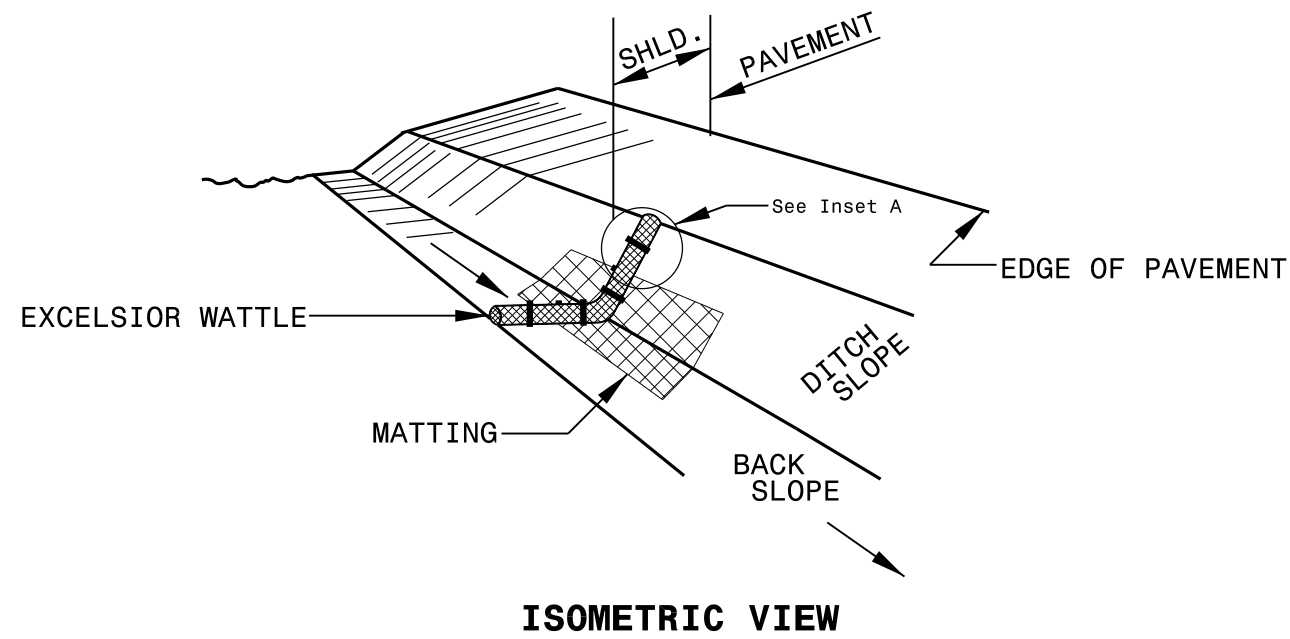


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

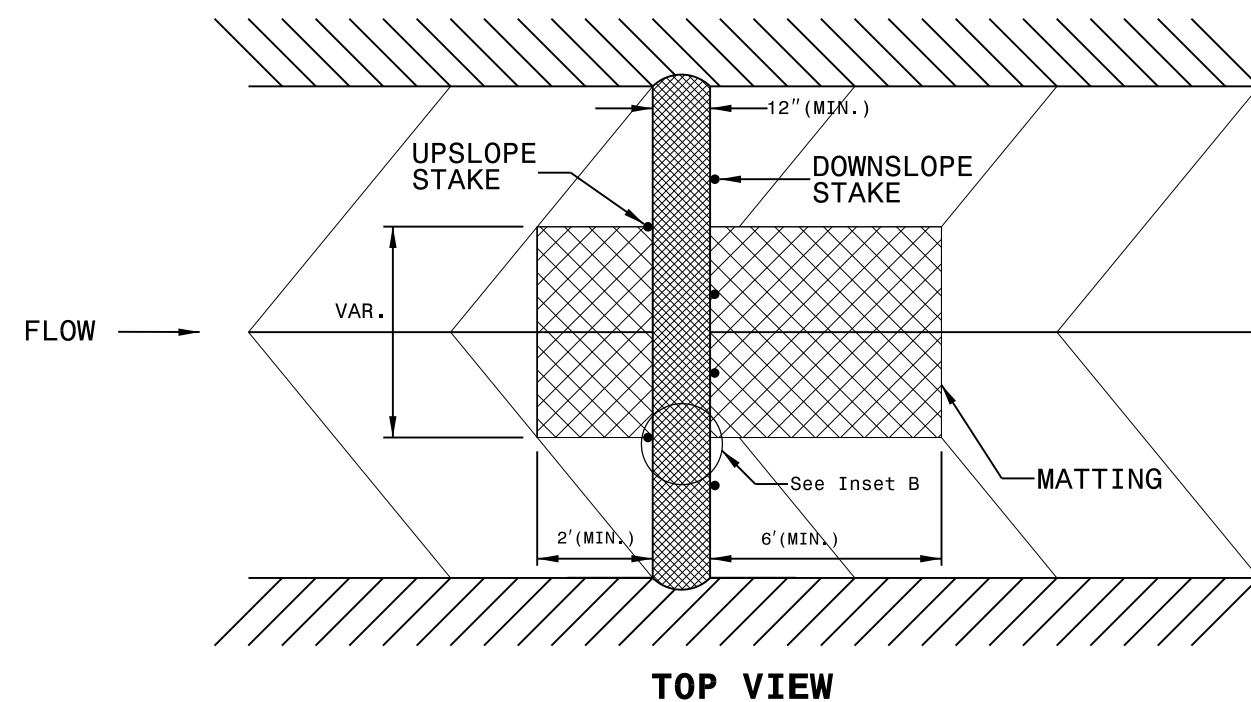
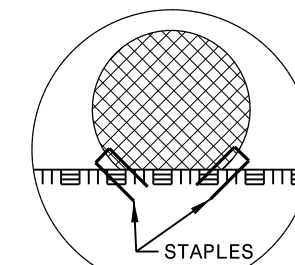
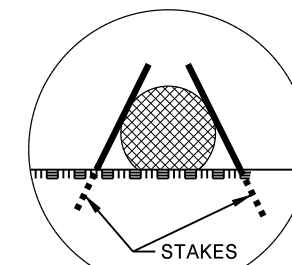
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



I:\FEB-2015\1141\01\Resurfacing\Pender County\Plan Sheets\3CR\20711.173. EC RESURF. 2015.dgn

PROJECT NO.	SHEET NO.
2023CPT.03.08.20651, Etc.	8

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0106000000-E	1220000000-E	1245000000-E	1330000000-E	1519000000-E	1526000000-E	1575000000-E	1705500000-E	2759000000-N	2830000000-N	2845000000-N	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E												
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	ADJUSTMENT OF MONUMENTS (GENERIC)	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	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												
												MI	FT	CY	TON	SMI	SY	TON	TON	TON	TON	EA	EA	EA	LF	TON	TON	ACR	LBS	TON	SY										
2023CPT.03.08.20651	New Hanover	1	SR 2202 (EDNA BUCK DRIVE)	FROM SR 1336 (SIDBURY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	1	2	2WU	NO	NO	0.30	20	46	20	0.60	112	255		18	14				30	8	8	0.30	15	0.08	10												
TOTAL FOR MAP NO. 1												0.30		46	20	0.60	112	255		18	14		30	8	8	0.30	15	0.08	10												
2023CPT.03.08.20651	New Hanover	2	SR 2683 (ENTERPRISE DRIVE)	FROM SR 2257 (SE. NORTHCHASEPKWY) TO SR 2652 (NE. NORTHCHASE PKWY.) [MP 0.00 - MP 0.68]	2	2	2WU	NO	NO	0.68	24	71		1.37	603	776	543	90	10	5	3	2	67	17	17	0.67	34	0.17	10												
TOTAL FOR MAP NO. 2												0.68		71		1.37	603	776	543	90	10	5	3	2	67	17	17	0.67	34	0.17	10										
2023CPT.03.08.20651	New Hanover	3	SR 2653 (CORPORATE DRIVE)	FROM SR 2652 (NE. NORTHCHASE PKWY.) TO END OF MAINTENANCE [MP 0.00 - MP 1.06]	2	2	2WU	NO	NO	1.06	25	111		2.10	300	1,125	881	138	15	5	7	3	106	27	27	1.06	53	0.27	20												
TOTAL FOR MAP NO. 3												1.06		111		2.10	300	1,125	881	138	15	5	7	3	106	27	27	1.06	53	0.27	20										
2023CPT.03.08.20651	New Hanover	4	SR 2684 (MERCHANT COURT)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.10	24	41		0.20	137	127		9	15	1	2	1	20	5	5	0.10	5	0.03	20												
TOTAL FOR MAP NO. 4												0.10		41		0.20	137	127		9	15	1	2	1	20	5	5	0.10	5	0.03	20										
2023CPT.03.08.20651	New Hanover	5	SR 2682 (ENTERPRISE DRIVE)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.10	26	45		0.20	72	138		9		2	2		20	5	5	0.10	5	0.03	20												
TOTAL FOR MAP NO. 5												0.10		45		0.20	72	138		9		2	2		20	5	5	0.10	5	0.03	20										
2023CPT.03.08.20651	New Hanover	6	SR 2207 (CARTHAGE DRIVE)	FROM SR 2206 (W. NORTHCHASE PKWY) TO CUL-DE-SAC [MP 0.00 - MP 0.19]	3	2	2WU	NO	NO	0.19	20	65	10	0.38	512	194		13		1	5		20	5	5	0.19	10	0.05	20												
TOTAL FOR MAP NO. 6												0.19		65	10	0.38	512	194		13		1	5		20	5	5	0.19	10	0.05	20										
TOTAL FOR PROJ NO. 2023CPT.03.08.20651												2.43		379	30	4.85	1,736	2,615	1,424	277	54	14	19	6	263	67	67	2.42	122	0.63	100										
2023CPT.03.08.20652	New Hanover	7	SR 1238 (ILEX DRIVE)	FROM SR 1237 (SILVA TERRA) TO SR 1255 (YULON DR) [MP 0.00 - MP 0.47]	4	2	2WU	NO	NO	0.47	20				150		234	17	10																						
TOTAL FOR MAP NO. 7												0.47					150		234	17	10																				
2023CPT.03.08.20652	New Hanover	8	SR 1343 (FULTON AVENUE)	FROM SR 1002 (HOLLY SHELTER RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	4	2	2WU	NO	NO	0.30	18						135	11	30																						
TOTAL FOR MAP NO. 8												0.30							135	11	30																				
2023CPT.03.08.20652	New Hanover	9	SR 1338 (CASTLE AVENUE)	FROM US 117 (CASTLE HAYNE RD.) TO SR 1341 (ORANGE ST.) [MP 2.45 - MP 2.59]	4	2	2WU	NO	NO	0.14	16				90		56	6	50																						
TOTAL FOR MAP NO. 9												0.14					90		56	6	50																				
2023CPT.03.08.20652	New Hanover	10	SR 1269 (HIAWATHA DRIVE)	FROM SR1267 (WILDERNESS RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.09]	4	2	2WU	NO	NO	0.09	32						72	6	10																						
TOTAL FOR MAP NO. 10												0.09							72	6	10																				
2023CPT.03.08.20652	New Hanover	11	SR 2394 (LINDEN RIDGE ROAD)	FROM SR 1237 (SILVA TERRA) TO SR 2389 (DELHAM CT.) [MP 0.00 TO MP 0.07]	4	2	2WU	NO	NO	0.07	24						42	3	5	1																					
TOTAL FOR MAP NO. 11												0.07							42	3	5	1																			
2023CPT.03.08.20652	New Hanover	12	SR 2244 (CARDIFF ROAD)	FROM SR 2152 (BERRY ST.) TO SR 2052 (STONE RD.) [MP 0.00 - MP 0.15]	4	2	2WU	NO	NO	0.15	20						75	5		3	3																				
TOTAL FOR MAP NO. 12												0.15							75	5		3	3																		
2023CPT.03.08.20652	New Hanover	13	SR 2050 (LINVILLE DRIVE)	FROM SR 1341 (ORANGE ST.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 TO MP 0.18]	4	2	2WU	NO	NO	0.18	20						90	7	20																						
TOTAL FOR MAP NO. 13												0.18							90	7	20																				
2023CPT.03.08.20652	New Hanover	14	SR 2049 (MCCLURE CIRCLE)	FROM SR 2049 (MCCLURE CIR.) TO CUL-DE-SAC [MP 0.00 TO MP 0.55]	4	2	2WU	NO	NO	0.55	20						274	20	15																						
TOTAL FOR MAP NO. 14												0.55							274	20	15																				
2023CPT.03.08.20652	New Hanover	15	SR 2051 (VOLK DRIVE)	FROM SR 2049 (MCCLURE CIR.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 - MP 0.10]	4	2	2WU	NO	NO	0.10	20						50	4	15																						
TOTAL FOR MAP NO. 15												0.10							50	4	15																				
2023CPT.03.08.20652	New Hanover	16	SR 1341 (ORANGE STREET)	FROM SR 1002 (HOLLY SHELTER RD.) TO US 117 (CASTLE HAYNE RD.) [MP 0.00 - MP 0.74]	4	2	2WU	NO	NO	0.74	20						369	27	20																						
TOTAL FOR MAP NO. 16												0.74							369	27	20																				
2023CPT.03.08.20652	New Hanover	17	SR 1373 (YORKTOWN ROAD)	FROM NC 133 (CASTLE HAYNE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.35]	4	2	2WU	NO	NO	0.35	20						175	13	15																						
TOTAL FOR MAP NO. 17												0.35							175	13	15																				
TOTAL FOR PROJ NO. 2023CPT.03.08.20652												3.14							240		1,572	119	190	4	3																
GRAND TOTAL												5.57		379	30	4.85	1,976	2,615	2,996	396	244	18	22	6	263	67	67	2.42	122	0.63	100										

PROJECT NO.	SHEET NO.
2023CPT.03.08.20651, Etc.	9

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	604200000-E	607101000-E	608400000-E	609000000-E	609300000-E	611700000-N	
												1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	
												LF	LF	AC	LB	TON	EA	
2023CPT.03.08.20651	New Hanover	1	SR 2202 (EDNA BUCK DRIVE)	FROM SR 1336 (SIDBURY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	1	2	2WU	NO	NO	0.30	20	15	10	0.29	15	0.08	2	
TOTAL FOR MAP NO. 1												0.30	15	10	0.29	15	0.08	2
2023CPT.03.08.20651	New Hanover	2	SR 2683 (ENTERPRISE DRIVE)	FROM SR 2257 (SE. NORTHCHASEPKWY) TO SR 2652 (NE. NORTHCHASE PKWY.) [MP 0.00 - MP 0.68]	2	2	2WU	NO	NO	0.68	24	35	20	0.65	34	0.17	2	
TOTAL FOR MAP NO. 2												0.68	35	20	0.65	34	0.17	2
2023CPT.03.08.20651	New Hanover	3	SR 2653 (CORPORATE DRIVE)	FROM SR 2652 (NE. NORTHCHASE PKWY.) TO END OF MAINTENANCE [MP 0.00 - MP 1.06]	2	2	2WU	NO	NO	1.06	25	60	20	1.03	53	0.27	2	
TOTAL FOR MAP NO. 3												1.06	60	20	1.03	53	0.27	2
2023CPT.03.08.20651	New Hanover	4	SR 2684 (MERCHANT COURT)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.10	24	20	20	0.10	5	0.03	2	
TOTAL FOR MAP NO. 4												0.10	20	20	0.10	5	0.03	2
2023CPT.03.08.20651	New Hanover	5	SR 2682 (ENTERPRISE DRIVE)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.10	26	20	20	0.10	5	0.03	2	
TOTAL FOR MAP NO. 5												0.10	20	20	0.10	5	0.03	2
2023CPT.03.08.20651	New Hanover	6	SR 2207 (CARTHAGE DRIVE)	FROM SR 2206 (W. NORTHCHASE PKWY) TO CUL-DE-SAC [MP 0.00 - MP 0.19]	3	2	2WU	NO	NO	0.19	20	20	20	0.18	10	0.05	2	
TOTAL FOR MAP NO. 6												0.19	20	20	0.18	10	0.05	2
TOTAL FOR PROJ NO. 2023CPT.03.08.20651												2.43	170	110	2.35	122	0.63	12
2023CPT.03.08.20652	New Hanover	7	SR 1238 (ILEX DRIVE)	FROM SR 1237 (SILVA TERRA) TO SR 1255 (YULON DR) [MP 0.00 - MP 0.47]	4	2	2WU	NO	NO	0.47	20							
TOTAL FOR MAP NO. 7												0.47						
2023CPT.03.08.20652	New Hanover	8	SR 1343 (FULTON AVENUE)	FROM SR 1002 (HOLLY SHELTER RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	4	2	2WU	NO	NO	0.30	18							
TOTAL FOR MAP NO. 8												0.30						
2023CPT.03.08.20652	New Hanover	9	SR 1338 (CASTLE AVENUE)	FROM US 117 (CASTLE HAYNE RD.) TO SR 1341 (ORANGE ST.) [MP 2.45 - MP 2.59]	4	2	2WU	NO	NO	0.14	16							
TOTAL FOR MAP NO. 9												0.14						
2023CPT.03.08.20652	New Hanover	10	SR 1269 (HIAWATHA DRIVE)	FROM SR1267 (WILDERNESS RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.09]	4	2	2WU	NO	NO	0.09	32							
TOTAL FOR MAP NO. 10												0.09						
2023CPT.03.08.20652	New Hanover	11	SR 2394 (LINDEN RIDGE ROAD)	FROM SR 1237 (SILVA TERRA) TO SR 2389 (DELHAM CT.) [MP 0.00 TO MP 0.07]	4	2	2WU	NO	NO	0.07	24							
TOTAL FOR MAP NO. 11												0.07						
2023CPT.03.08.20652	New Hanover	12	SR 2244 (CARDIFF ROAD)	FROM SR 2152 (BERRY ST.) TO SR 2052 (STONE RD.) [MP 0.00 - MP 0.15]	4	2	2WU	NO	NO	0.15	20							
TOTAL FOR MAP NO. 12												0.15						
2023CPT.03.08.20652	New Hanover	13	SR 2050 (LINVILLE DRIVE)	FROM SR 1341 (ORANGE ST.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 TO MP 0.18]	4	2	2WU	NO	NO	0.18	20							
TOTAL FOR MAP NO. 13												0.18						
2023CPT.03.08.20652	New Hanover	14	SR 2049 (MCCLURE CIRCLE)	FROM SR 2049 (MCCLURE CIR.) TO CUL-DE-SAC [MP 0.00 TO MP 0.55]	4	2	2WU	NO	NO	0.55	20							
TOTAL FOR MAP NO. 14												0.55						
2023CPT.03.08.20652	New Hanover	15	SR 2051 (VOLK DRIVE)	FROM SR 2049 (MCCLURE CIR.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 - MP 0.10]	4	2	2WU	NO	NO	0.10	20							
TOTAL FOR MAP NO. 15												0.10						
2023CPT.03.08.20652	New Hanover	16	SR 1341 (ORANGE STREET)	FROM SR 1002 (HOLLY SHELTER RD.) TO US 117 (CASTLE HAYNE RD.) [MP 0.00 - MP 0.74]	4	2	2WU	NO	NO	0.74	20							
TOTAL FOR MAP NO. 16												0.74						
2023CPT.03.08.20652	New Hanover	17	SR 1373 (YORKTOWN ROAD)	FROM NC 133 (CASTLE HAYNE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.35]	4	2	2WU	NO	NO	0.35	20							
TOTAL FOR MAP NO. 17												0.35						
TOTAL FOR PROJ NO. 2023CPT.03.08.20652												3.14						
GRAND TOTAL												5.57	170	110	2.35	122	0.63	12

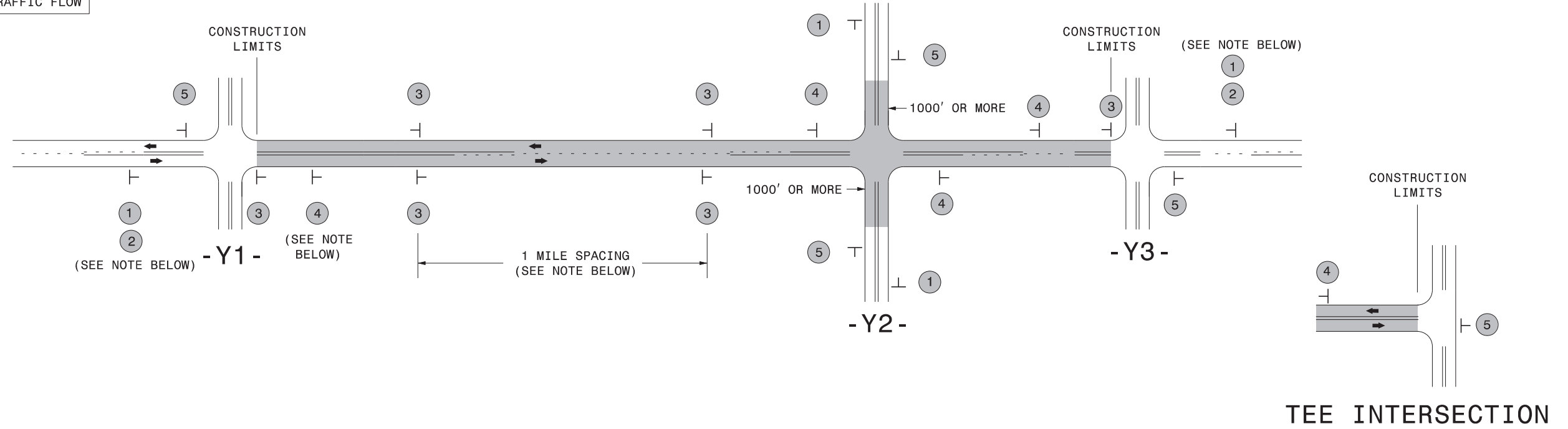
PROJECT NO.	SHEET NO.
2023CPT.03.08.20651, Etc.	10

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	445700000-N	468500000-E	490000000-N		
										TEMPORARY TRAFFIC CONTROL	4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	YELLOW & YELLOW MARKERS	
									MI	FT	LS	LF	LF	EA
2023CPT.03.08.20651	New Hanover	1	SR 2202 (EDNA BUCK DRIVE)	FROM SR 1336 (SIDBURY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	1	2	2WU	0.3	20	0.05				
TOTAL FOR MAP NO. 1									0.3		0.05			
2023CPT.03.08.20651	New Hanover	2	SR 2683 (ENTERPRISE DRIVE)	FROM SR 2257 (SE. NORTHCHASEPKWY) TO SR 2652 (NE. NORTHCHASE PKWY.) [MP 0.00 - MP 0.68]	2	2	2WU	0.68	24	0.08				
TOTAL FOR MAP NO. 2									0.68		0.08			
2023CPT.03.08.20651	New Hanover	3	SR 2653 (CORPORATE DRIVE)	FROM SR 2652 (NE. NORTHCHASE PKWY.) TO .39 MI. E OF SR 2257 (SE. NORTHCHASE PKWY.) [MP 0.00 - MP 1.06]	2	2	2WU	1.06	25	0.11				
TOTAL FOR MAP NO. 3									1.06		0.11			
2023CPT.03.08.20651	New Hanover	4	SR 2684 (MERCHANT COURT)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	3	2	2WU	0.1	24	0.05				
TOTAL FOR MAP NO. 4									0.1		0.05			
2023CPT.03.08.20651	New Hanover	5	SR 2682 (ENTERPRISE DRIVE)	FROM SR 2652 (NE NORTHCHASE PKWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.10]	3	2	2WU	0.1	26	0.05				
TOTAL FOR MAP NO. 5									0.1		0.05			
2023CPT.03.08.20651	New Hanover	6	SR 2207 (CARTHAGE DRIVE)	FROM SR 2206 (W. NORTHCHASE PKWY) TO CUL-DE-SAC [MP 0.00 - MP 0.19]	3	2	2WU	0.19	20	0.06				
TOTAL FOR MAP NO. 6									0.19		0.06			
TOTAL FOR PROJ NO. 2023CPT.03.08.20651									2.43		0.40			
2023CPT.03.08.20652	New Hanover	7	SR 1238 (ILEX DRIVE)	FROM SR 1237 (SILVA TERRA) TO SR 1255 (YULON DR) [MP 0.00 - MP 0.47]	4	2	2WU	0.47	20	0.05				
TOTAL FOR MAP NO. 7									0.47		0.05			
2023CPT.03.08.20652	New Hanover	8	SR 1343 (FULTON AVENUE)	FROM SR 1002 (HOLLY SHELTER RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.30]	4	2	2WU	0.3	18	0.05				
TOTAL FOR MAP NO. 8									0.3		0.05			
2023CPT.03.08.20652	New Hanover	9	SR 1338 (CASTLE AVENUE)	FROM US 117 (CASTLE HAYNE RD.) TO SR 1341 (ORANGE ST.) [MP 2.45 - MP 2.59]	4	2	2WU	0.14	16	0.05				
TOTAL FOR MAP NO. 9									0.14		0.05			
2023CPT.03.08.20652	New Hanover	10	SR 1269 (HIAWATHA DRIVE)	FROM SR1267 (WILDERNESS RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.09]	4	2	2WU	0.09	32	0.05				
TOTAL FOR MAP NO. 10									0.09		0.05			
2023CPT.03.08.20652	New Hanover	11	SR 2394 (LINDEN RIDGE ROAD)	FROM SR 1237 (SILVA TERRA) TO SR 2389 (DELHAM CT.) [MP 0.00 TO MP 0.07]	4	2	2WU	0.07	24	0.05				
TOTAL FOR MAP NO. 11									0.07		0.05			
2023CPT.03.08.20652	New Hanover	12	SR 2244 (CARDIFF ROAD)	FROM SR 2152 (BERRY ST.) TO SR 2052 (STONEY RD.) [MP 0.00 - MP 0.15]	4	2	2WU	0.15	20	0.06				
TOTAL FOR MAP NO. 12									0.15		0.06			
2023CPT.03.08.20652	New Hanover	13	SR 2050 (LINVILLE DRIVE)	FROM SR 1341 (ORANGE ST.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 TO MP 0.18]	4	2	2WU	0.18	20	0.06				
TOTAL FOR MAP NO. 13									0.18		0.06			
2023CPT.03.08.20652	New Hanover	14	SR 2049 (MCCLURE CIRCLE)	FROM SR 2049 (MCCLURE CIR.) TO CUL-DE-SAC [MP 0.00 TO MP 0.55]	4	2	2WU	0.55	20	0.06				
TOTAL FOR MAP NO. 14									0.55		0.06			
2023CPT.03.08.20652	New Hanover	15	SR 2051 (VOLK DRIVE)	FROM SR 2049 (MCCLURE CIR.) TO SR 2049 (MCCLURE CIR.) [MP 0.00 - MP 0.10]	4	2	2WU	0.1	20	0.05				
TOTAL FOR MAP NO. 15									0.1		0.05			
2023CPT.03.08.20652	New Hanover	16	SR 1341 (ORANGE STREET)	FROM SR 1002 (HOLLY SHELTER RD.) TO US 117 (CASTLE HAYNE RD.) [MP 0.00 - MP 0.74]	4	2	2WU	0.74	20	0.07	7,850	7,962	50	
TOTAL FOR MAP NO. 16									0.74		0.07	7,850	7,962	50
2023CPT.03.08.20652	New Hanover	17	SR 1373 (YORKTOWN ROAD)	FROM NC 133 (CASTLE HAYNE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.35]	4	2	2WU	0.35	20	0.05	3,750	3,880	25	
TOTAL FOR MAP NO. 17									0.35		0.05	3,750	3,880	25
TOTAL FOR PROJ NO. 2023CPT.03.08.20652									3.14		0.60	11,600	11,842	75
GRAND TOTAL												23,442		
									5.57		1.00	11,600	11,842	75
												23,442		

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

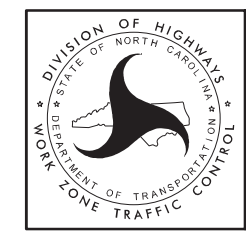
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3		- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4		- 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. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING