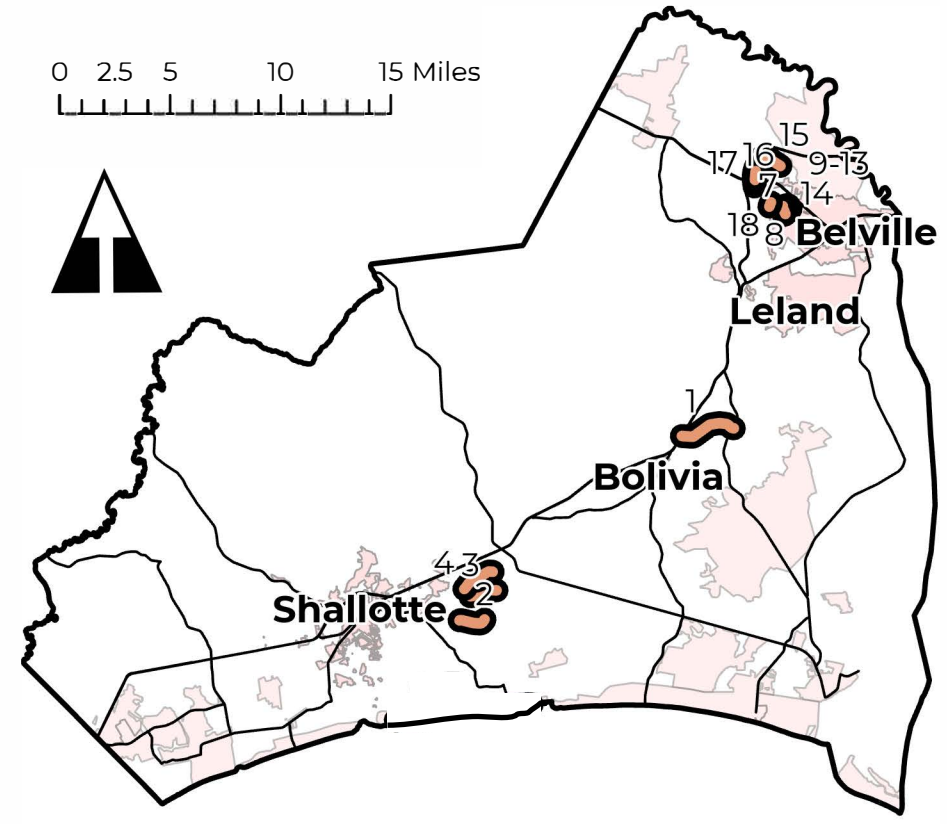
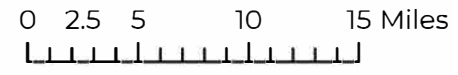


Brunswick County 1 - 6

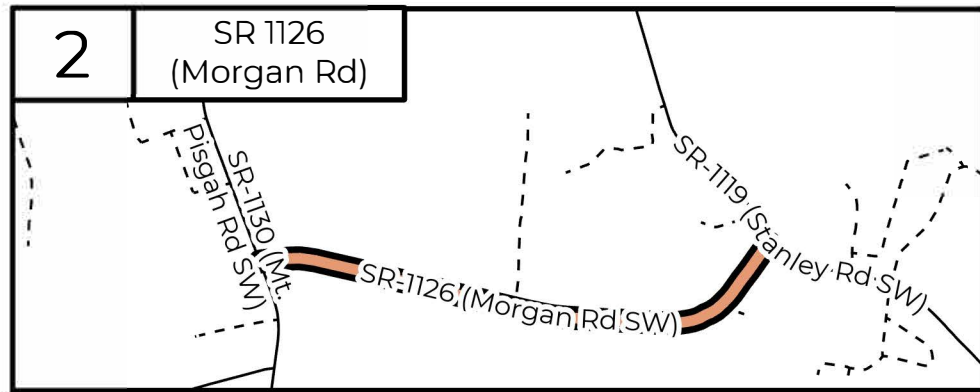
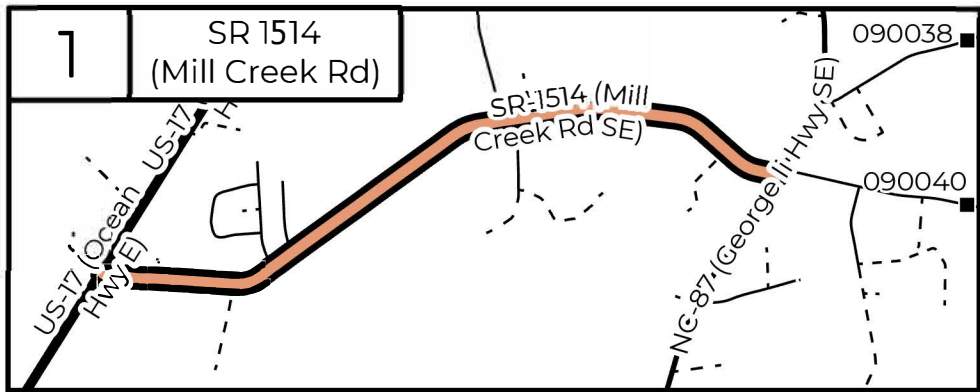
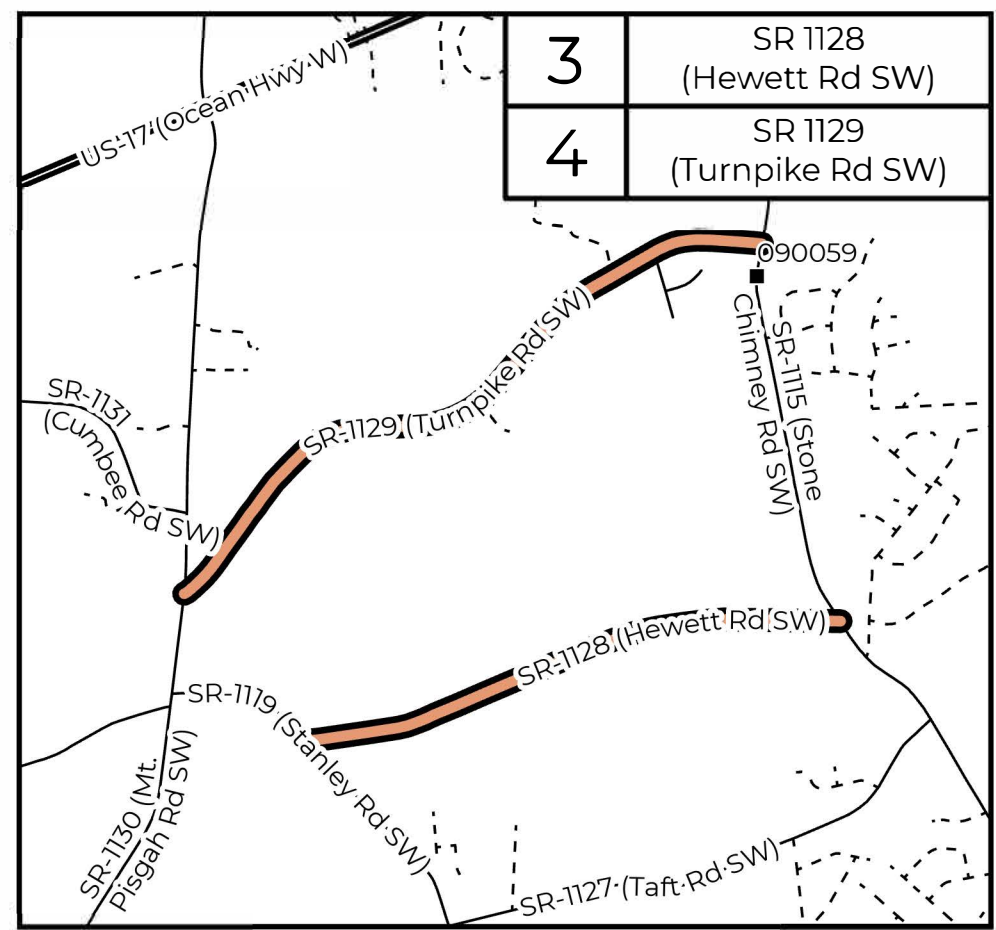


Legend

- Bridge
- State Maintained Road
- - - Municipality Road
- ▬ Road Section

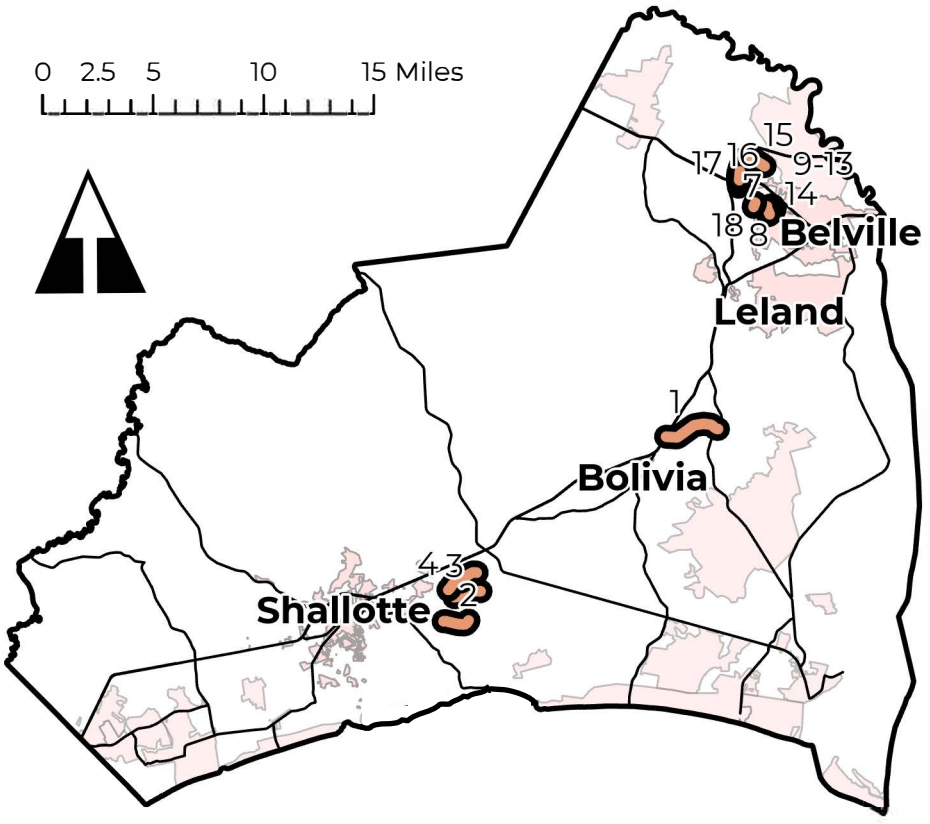
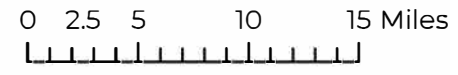
PROJECT REFERENCE NO. 2022CPT.03.07.20101, ETC.	SHEET NO. 1
--	----------------

3	SR 1128 (Hewett Rd SW)
4	SR 1129 (Turnpike Rd SW)



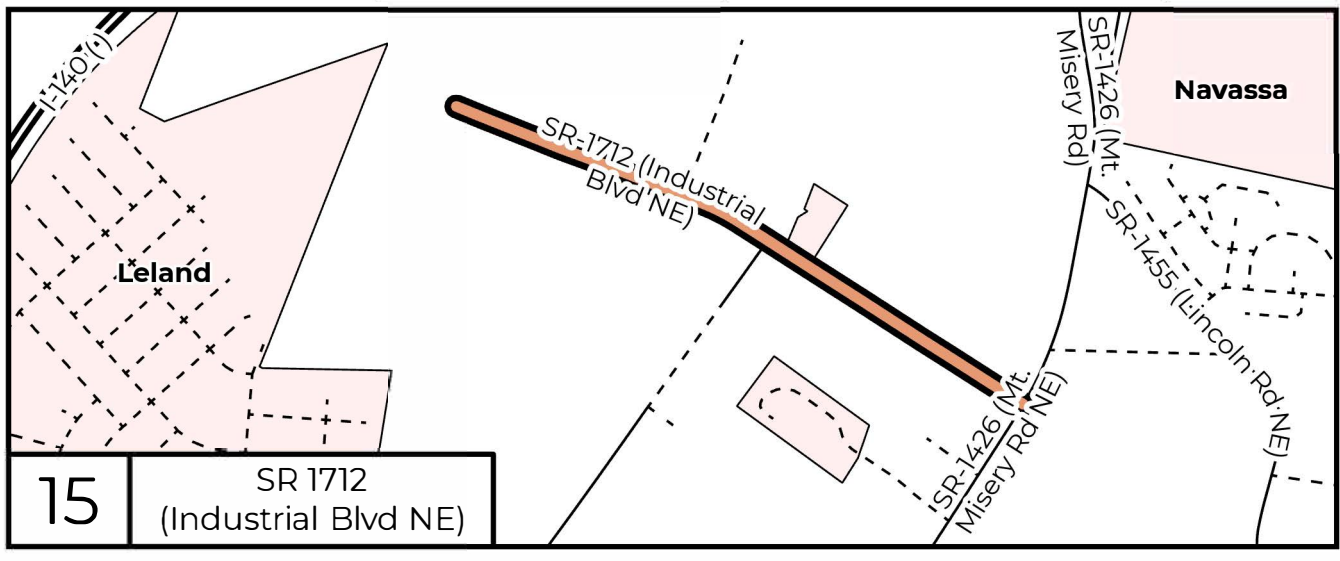
Brunswick County 7 - 18

PROJECT REFERENCE NO. 2022CPT.03.07.20101, ETC.	SHEET NO. 2
--	----------------

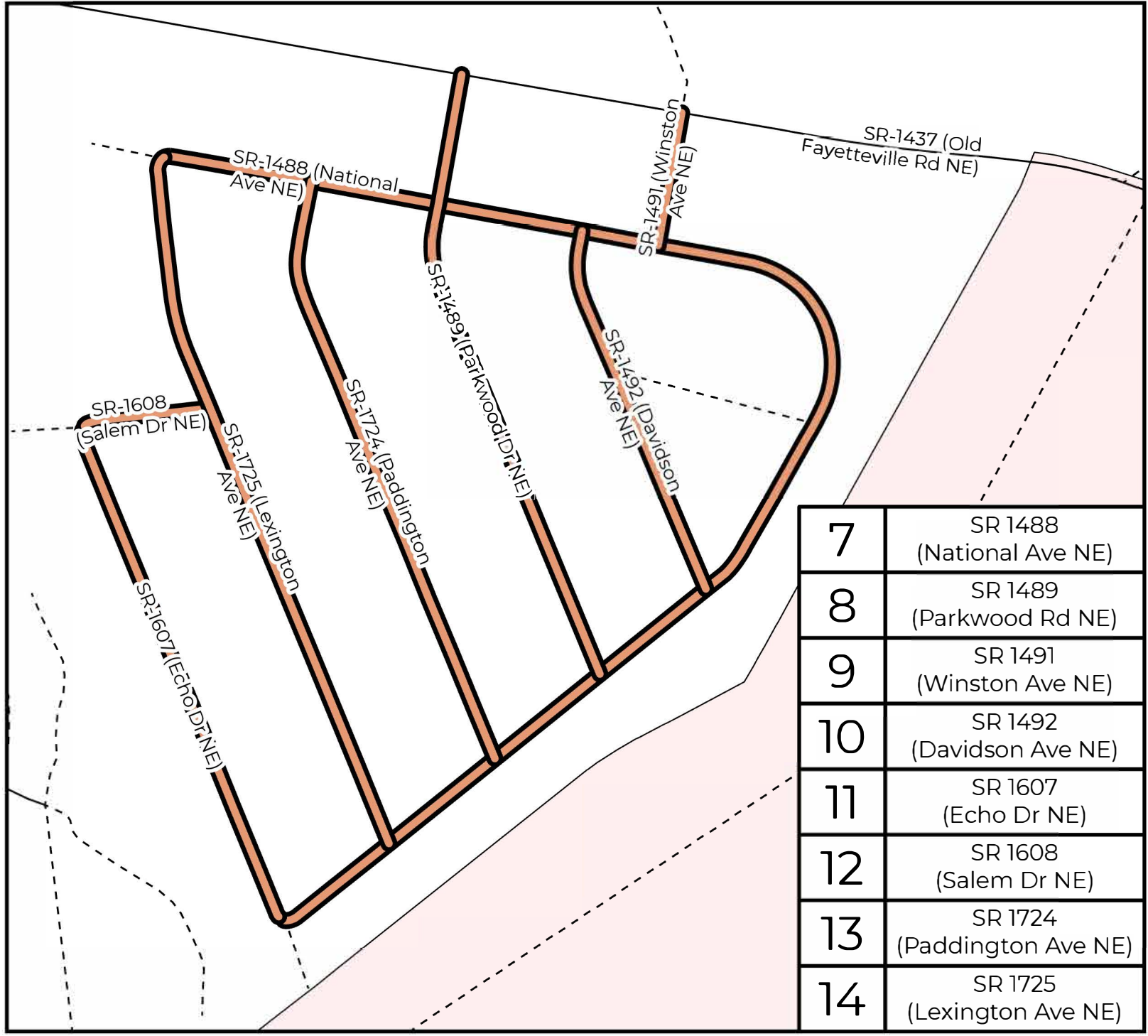


Legend

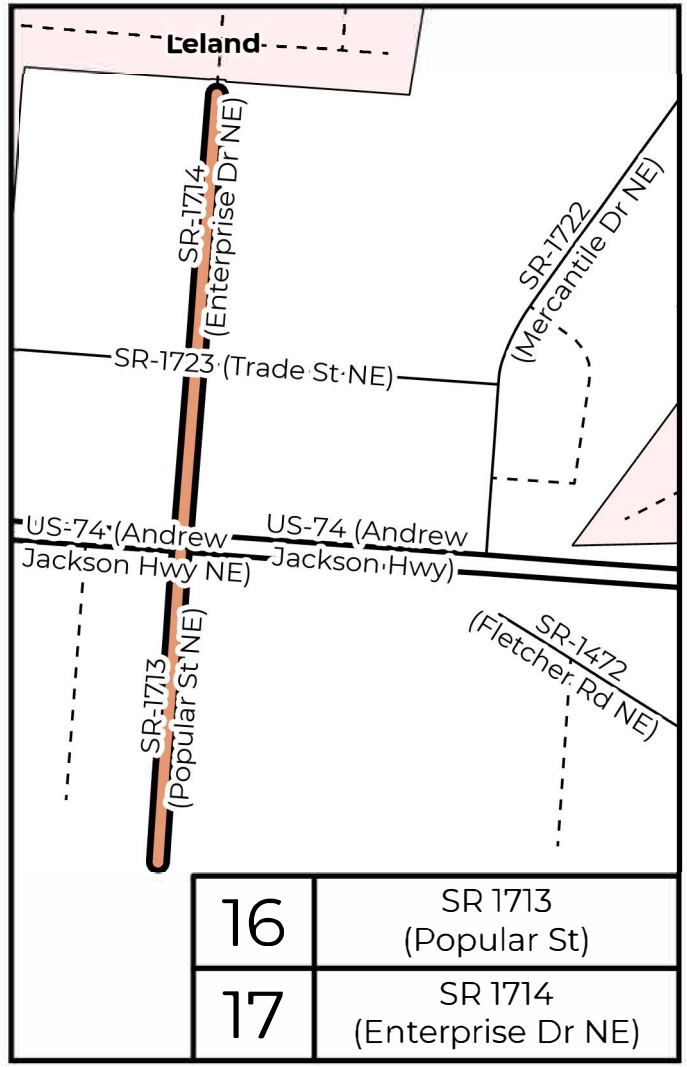
- Bridge
- State Maintained Road
- - - Municipality Road
- ▬ Road Section



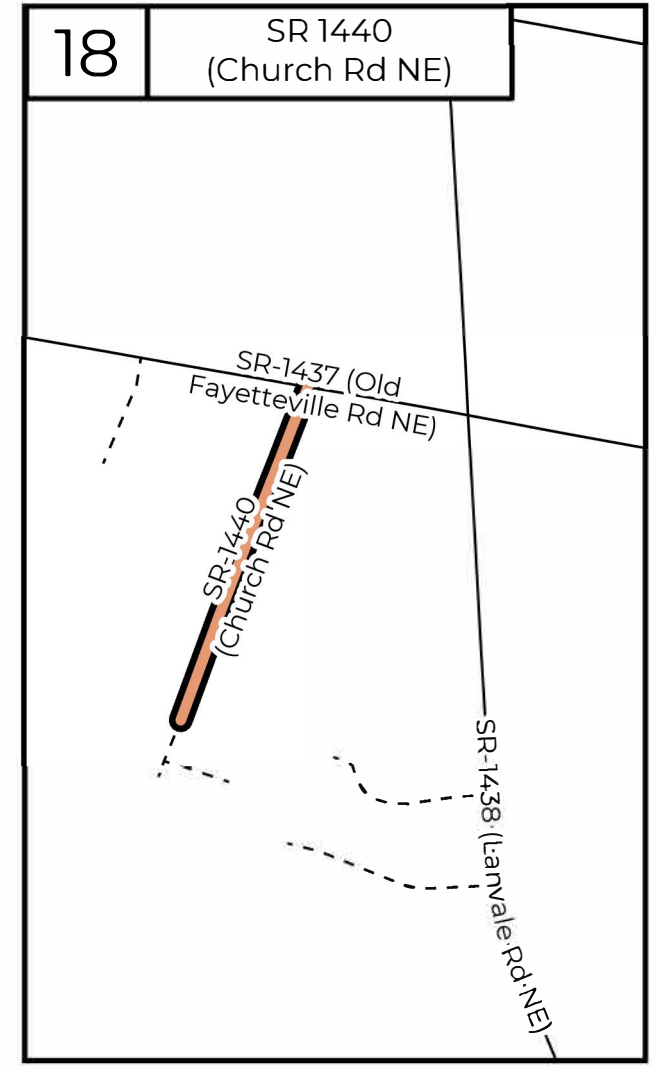
15	SR 1712 (Industrial Blvd NE)
----	---------------------------------



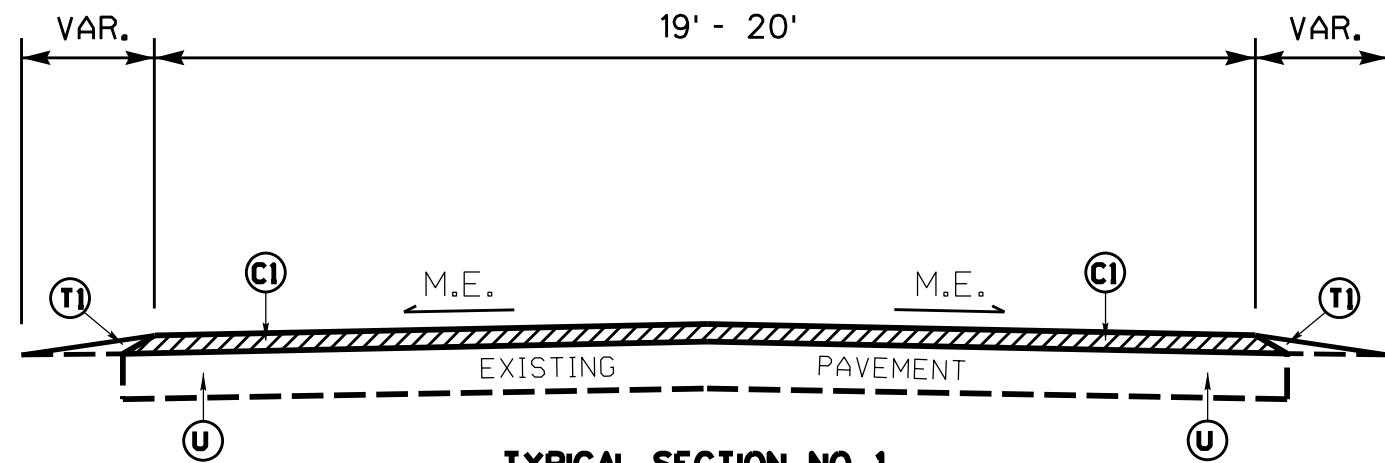
7	SR 1488 (National Ave NE)
8	SR 1489 (Parkwood Rd NE)
9	SR 1491 (Winston Ave NE)
10	SR 1492 (Davidson Ave NE)
11	SR 1607 (Echo Dr NE)
12	SR 1608 (Salem Dr NE)
13	SR 1724 (Paddington Ave NE)
14	SR 1725 (Lexington Ave NE)



16	SR 1713 (Popular St)
17	SR 1714 (Enterprise Dr NE)



18	SR 1440 (Church Rd NE)
----	---------------------------



TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C2	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110.0 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT

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

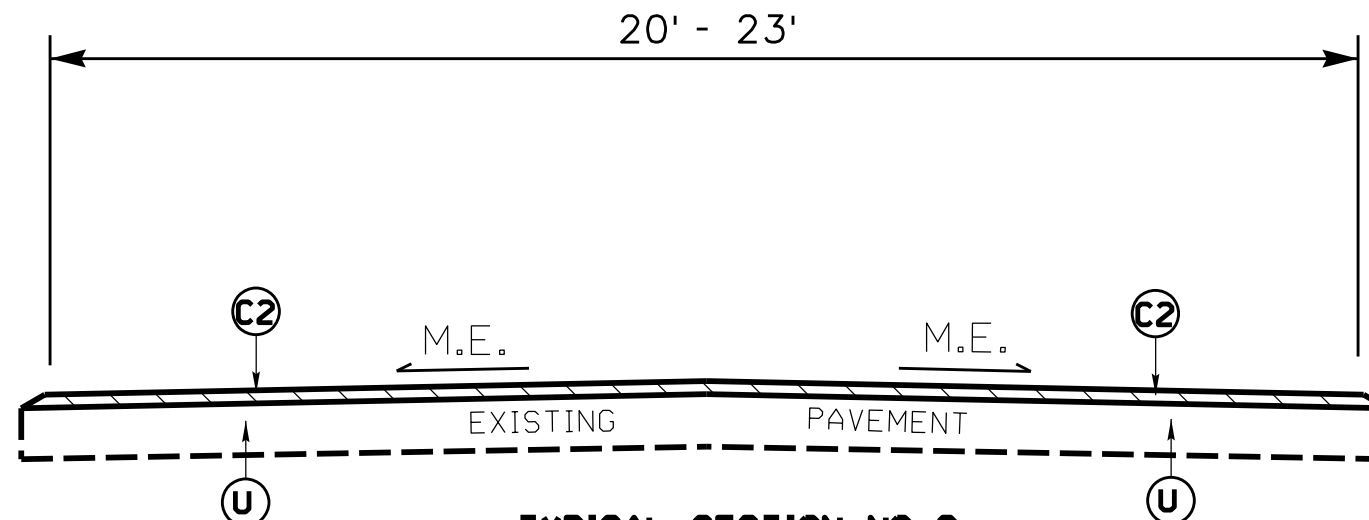
NOTES: SHOULDER WORK ON MAP NO. 1 - 4 AS NEEDED, TO BE DETERMINED BY ENGINEER.

MAP NO. 1
SR 1514 (MILL CREEK RD.)
MP 0.05 - MP 2.60

MAP NO. 2
SR 1126 (MORGAN RD.)
MP 0.01 - MP 1.22

MAP NO. 3
SR 1128 (HEWETT RD.)
MP 0.00 - MP 1.24

MAP NO. 4
SR 1129 (TURNPIKE RD.)
MP 0.01 - MP 1.59



TYPICAL SECTION NO. 2

MAP NO. 7
SR 1488 (NATIONAL AVE. NE)
MP 0.00 - MP 0.81

MAP NO. 8
SR 1489 (PARKWOOD DR. NE)
MP 0.01 - MP 0.32

MAP NO. 9
SR 1491 (WINSTON AVE. NE)
MP 0.00 - MP 0.07

MAP NO. 10
SR 1492 (DAVIDSON AVE. NE)
MP 0.01 - MP 0.20

MAP NO. 11
SR 1607 (ECHO DR. NE)
MP 0.00 - MP 0.28

MAP NO. 12
SR 1608 (SALEM DR. NE)
MP 0.00 - MP 0.07

MAP NO. 13
SR 1724 (PADDINGTON AVE. NE)
MP 0.00 - MP 0.33

MAP NO. 14
SR 1725 (LEXINGTON AVE. NE)
MP 0.00 - MP 0.39

MAP NO. 15
SR 1712 (INDUSTRIAL BLVD. NE)
MP 0.00 - MP 0.39

MAP NO. 16
SR 1713 (POPULAR ST. NE)
MP 0.00 - MP 0.28

MAP NO. 17
SR 1714 (POPULAR ST. NE/ ENTERPRISE DR. NE)
MP 0.00 - MP 0.39

MAP NO. 18
SR 1440 (CHURCH RD. NE)
MP 0.00 - MP 0.21

REVISIONS

8/17/99
SYSTEMS DESIGN

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

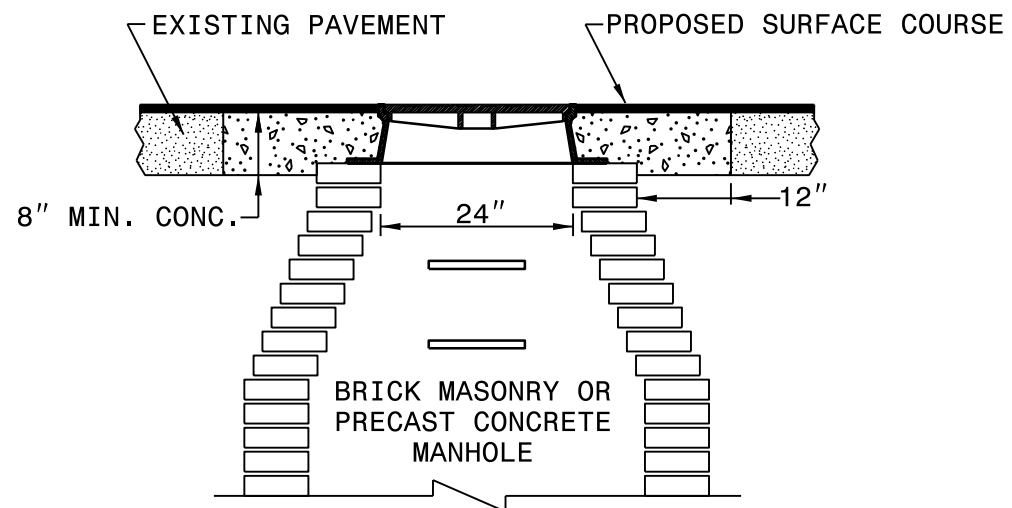
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

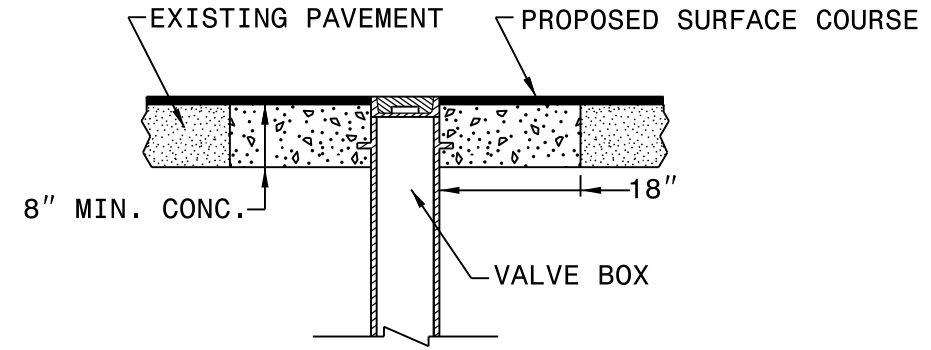
SHEET 1 OF 1
840D55

GENERAL NOTES:

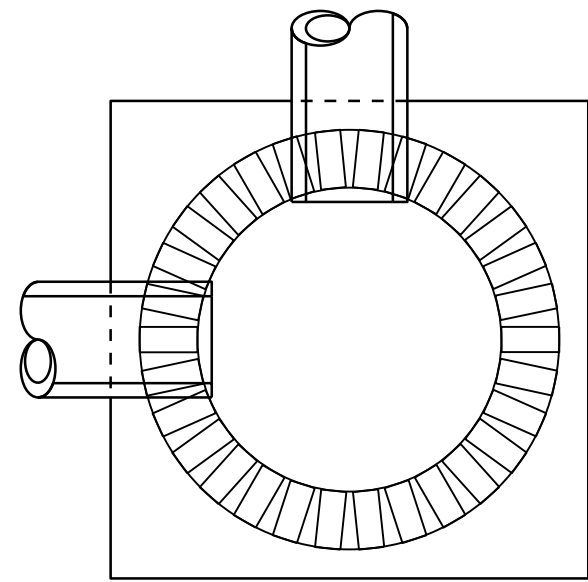
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL 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

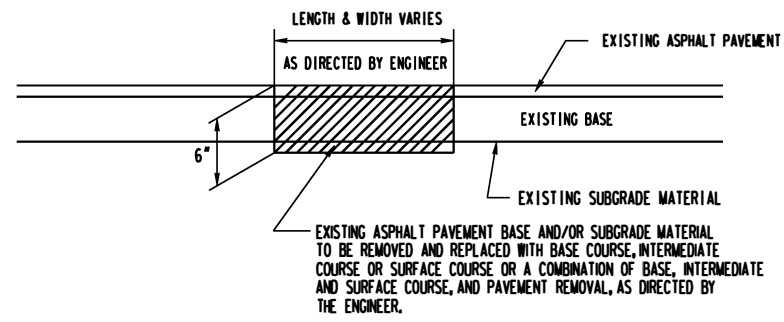
PLACE BRICK ACCORDING TO ELEVATION VIEW

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

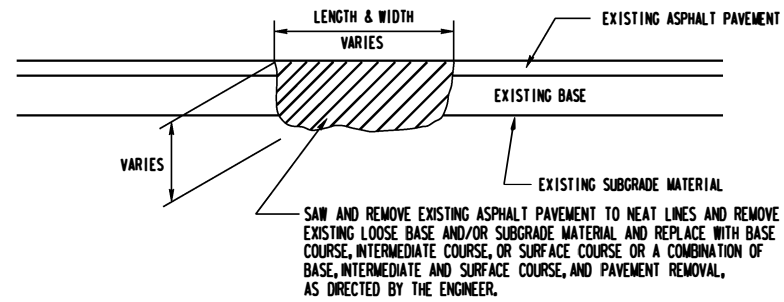
SHEET 1 OF 1
840D55

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

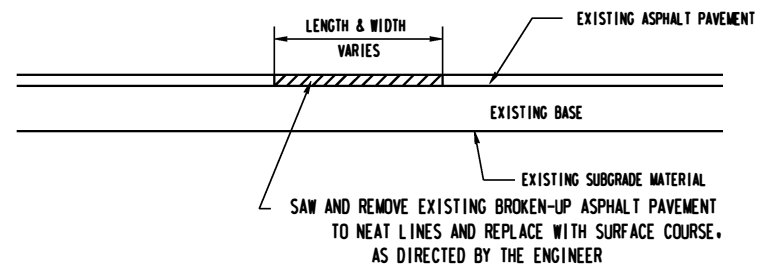
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



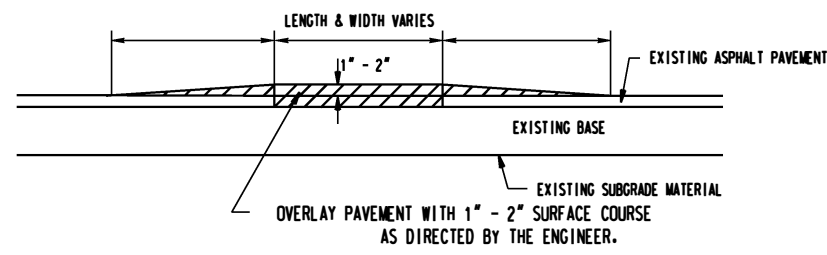
DETAIL NO. 1



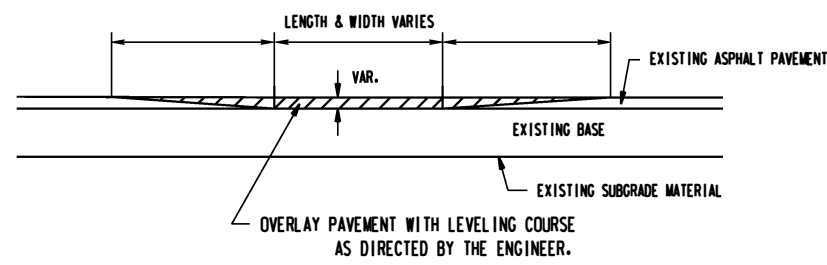
DETAIL NO. 2



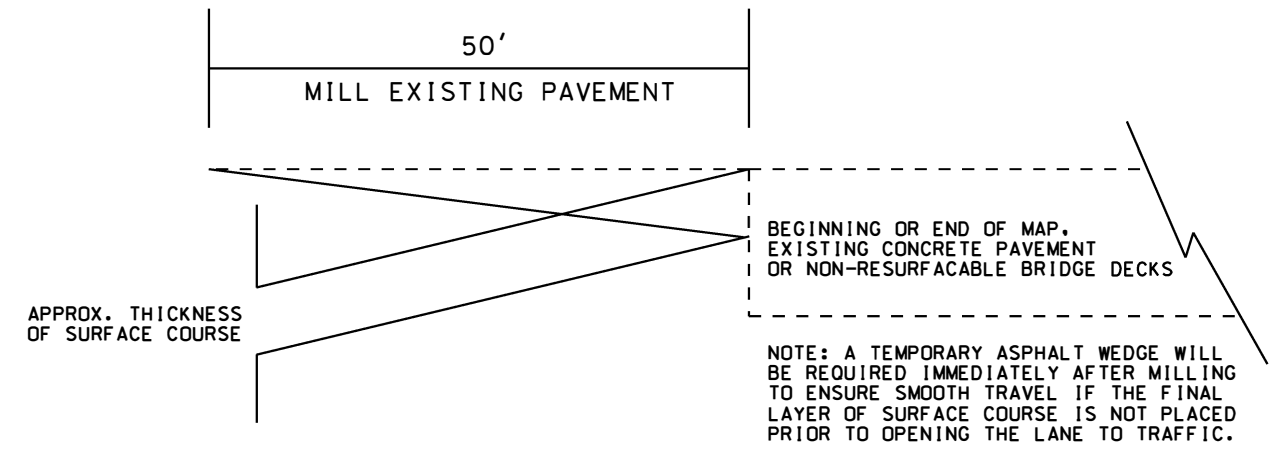
DETAIL NO. 3



DETAIL NO. 4



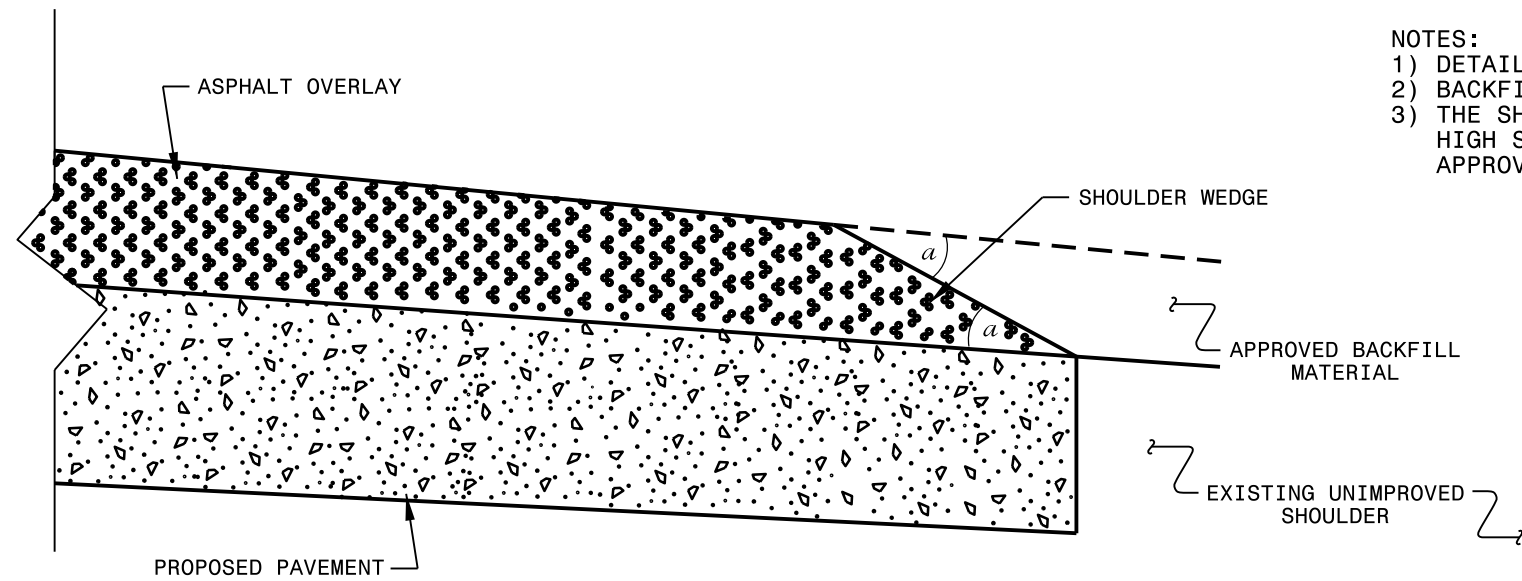
DETAIL NO. 5



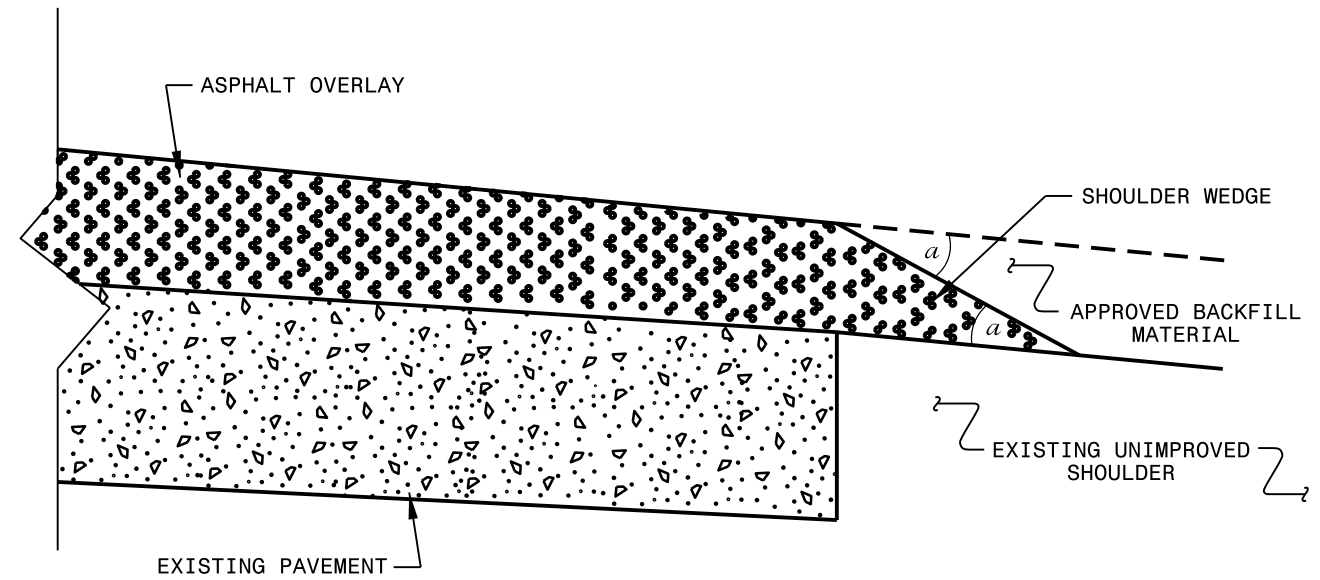
DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS:
MAY BE USED AT THE BEGINNING & END OF MAPS
AND AT APPROACH & TRAILING ENDS OF BRIDGES

28-SEP-2018 12:50 c:\pwworkspace\2022\2022CPT.03.07.20101\2022CPT.03.07.20101.dwg 2022CPT.03.07.20101.dwg 5/14/19

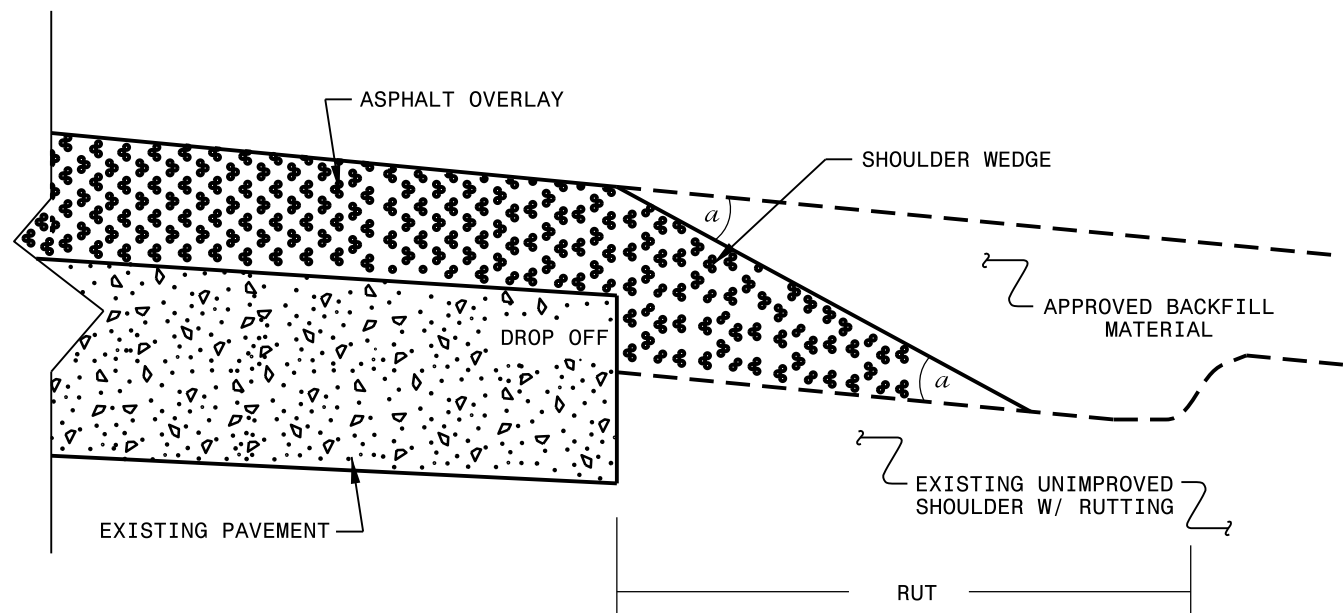
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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:\usr\details\stand\shoulderwedgedetail.dgn
 3\Sampson August 2018 Revised Shoulder Wedge Detail.dgn
 P:\porter_41_CSD_20152542

PROJECT NO.	SHEET NO.
2022CPT.03.07.20101, Etc.	7

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	1520000000-E	1526000000-E	1575000000-E	1880000000-E		2830000000-N	2845000000-N	6000000000-E	6009000000-E	6012000000-E			
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	SURFACE COURSE, \$9.58	LEVELING COURSE, \$9.58	SURFACE COURSE, \$4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC	PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE			
												MI	FT	CY	TON	SMI	SY	TON	TON	TON	TON	TON	TON	EA	EA	LF	TON	TON	
2022CPT.03.07.20101	Brunswick	1	SR 1514 (MILL CREEK ROAD)	FROM US 17 HWY. (OCEAN HWY.) TO NC 87 HWY. (GEORGE II HWY.) [MP 0.05 - MP 2.60]	1	2	2WU	NO	NO	2.55	19	390	116	5.10	485	2,478	150	166	500					255	64	64			
TOTAL FOR MAP NO. 1												2.55		390	116	5.10	485	2,478	150	166	500					255	64	64	
2022CPT.03.07.20101	Brunswick	2	SR 1126 (MORGAN ROAD)	FROM SR 1130 (MT. PISGAH RD.) TO SR 1119 (STANLEY RD.) [MP 0.01 - MP 1.22]	1	2	2WU	NO	NO	1.21	20	185	60	2.42	225	1,238	60	83	400					121	30	30			
TOTAL FOR MAP NO. 2												1.21		185	60	2.42	225	1,238	60	83	400					121	30	30	
2022CPT.03.07.20101	Brunswick	3	SR 1128 (HEWETT ROAD)	FROM SR 1115 (STONE CHIMNEY RD. SW) TO SR 1119 (STANLEY RD. NW) [MP 0.00 - MP 1.24]	1	2	2WU	NO	NO	1.24	20	189	60	2.48	225	1,268	100	85	400					124	31	31			
TOTAL FOR MAP NO. 3												1.24		189	60	2.48	225	1,268	100	85	400					124	31	31	
2022CPT.03.07.20101	Brunswick	4	SR 1129 (TURNPIKE ROAD)	FROM SR 1115 (STONE CHIMNEY RD.) TO SR 1130 (MT. PISGAH RD.) [MP 0.01 - MP 1.59]	1	2	2WU	NO	NO	1.58	20	241	90	3.16	342	1,616	80	108	500					158	40	40			
TOTAL FOR MAP NO. 4												1.58		241	90	3.16	342	1,616	80	108	500					158	40	40	
TOTAL FOR PROJ NO. 2022CPT.03.07.20101												6.58		1,005	326	13.16	1,277	6,600	390	442	1,800					658	165	165	
2022CPT.03.07.20102	Brunswick	7	SR 1488 (NATIONAL AVE. NE)	FROM SR 1725 (LEXINGTON AVE. NE) TO SR 1607 (ECHO DR. NE) [MP 0.00 - MP 0.81]	2	2	2WU	NO	NO	0.81	21		14					566	40										
TOTAL FOR MAP NO. 7												0.81			14					566	40								
2022CPT.03.07.20102	Brunswick	8	SR 1489 (PARKWOOD DR. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.32]	2	2	2WU	NO	NO	0.31	20		2					206	14										
TOTAL FOR MAP NO. 8												0.31			2					206	14								
2022CPT.03.07.20102	Brunswick	9	SR 1491 (WINSTON AVE. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	20							47	3					2					
TOTAL FOR MAP NO. 9												0.07								47	3					2			
2022CPT.03.07.20102	Brunswick	10	SR 1492 (DAVIDSON AVE. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.20]	2	2	2WU	NO	NO	0.19	20		8					126	9										
TOTAL FOR MAP NO. 10												0.19			8					126	9								
2022CPT.03.07.20102	Brunswick	11	SR 1607 (ECHO DR. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1608 (SALEM DR. NE) [MP 0.00 - MP 0.28]	2	2	2WU	NO	NO	0.28	21		2					196	14				5	2					
TOTAL FOR MAP NO. 11												0.28			2					196	14				5	2			
2022CPT.03.07.20102	Brunswick	12	SR 1608 (SALEM DR. NE)	FROM SR 1607 (ECHO DR. NE) TO 1725 (LEXINGTON AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	20							47	3					2					
TOTAL FOR MAP NO. 12												0.07								47	3					2			
2022CPT.03.07.20102	Brunswick	13	SR 1724 (PADDINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.33]	2	2	2WU	NO	NO	0.33	20							220	15				6						
TOTAL FOR MAP NO. 13												0.33								220	15				6				
2022CPT.03.07.20102	Brunswick	14	SR 1725 (LEXINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	20		12					260	18										
TOTAL FOR MAP NO. 14												0.39			12					260	18								
2022CPT.03.07.20102	Brunswick	15	SR 1712 (INDUSTRIAL BLVD. NE)	FROM SR 1426 (MT. MISERY RD. NE) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	21		20					273	19					35					
TOTAL FOR MAP NO. 15												0.39			20					273	19				35				
2022CPT.03.07.20102	Brunswick	16	SR 1713 (POPULAR ST. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.28]	2	2	2WU	NO	NO	0.28	22		8					205	14										
TOTAL FOR MAP NO. 16												0.28			8					205	14								
2022CPT.03.07.20102	Brunswick	17	SR 1714 (POPULAR ST. NE / ENTERPRISE DR. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	23							298	21				20	1					
TOTAL FOR MAP NO. 17												0.39								298	21				20	1			
2022CPT.03.07.20102	Brunswick	18	SR 1440 (CHURCH RD. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.21]	2	2	2WU	NO	NO	0.21	21							147	10				6						
TOTAL FOR MAP NO. 18												0.21								147	10				6				
TOTAL FOR PROJ NO. 2022CPT.03.07.20102												3.72			66					2,591	180				72	3	4		
GRAND TOTAL												10.3		1,005	392	13.16	1,277	6,600	390	2,591	622		1,800	72	3	4	658	165	165

PROJECT NO.	SHEET NO.
2022CPT.03.07.20101, 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	601500000-E	601800000-E	602100000-E	603600000-E	604200000-E	607101000-E	608400000-E	609000000-E	609300000-E	611700000-N		
												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	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA
2022CPT.03.07.20101	Brunswick	1	SR 1514 (MILL CREEK ROAD)	FROM US 17 HWY. (OCEAN HWY.) TO NC 87 HWY. (GEORGE II HWY.) [MP 0.05 - MP 2.60]	1	2	2WU	NO	NO	2.55	19	2.55	128	0.64	20	128	40	2.47	128	0.64	6		
TOTAL FOR MAP NO. 1											2.55		2.55	128	0.64	20	128	40	2.47	128	0.64	6	
2022CPT.03.07.20101	Brunswick	2	SR 1126 (MORGAN ROAD)	FROM SR 1130 (MT. PISGAH RD.) TO SR 1119 (STANLEY RD.) [MP 0.01 - MP 1.22]	1	2	2WU	NO	NO	1.21	20	1.21	61	0.30	10	61	20	1.17	61	0.30	2		
TOTAL FOR MAP NO. 2											1.21		1.21	61	0.30	10	61	20	1.17	61	0.30	2	
2022CPT.03.07.20101	Brunswick	3	SR 1128 (HEWETT ROAD)	FROM SR 1115 (STONE CHIMNEY RD. SW) TO SR 1119 (STANLEY RD. NW) [MP 0.00 - MP 1.24]	1	2	2WU	NO	NO	1.24	20	1.24	62	0.31	10	62	20	1.20	62	0.31	2		
TOTAL FOR MAP NO. 3											1.24		1.24	62	0.31	10	62	20	1.20	62	0.31	2	
2022CPT.03.07.20101	Brunswick	4	SR 1129 (TURNPIKE ROAD)	FROM SR 1115 (STONE CHIMNEY RD.) TO SR 1130 (MT. PISGAH RD.) [MP 0.01 - MP 1.59]	1	2	2WU	NO	NO	1.58	20	1.58	80	0.40	20	80	30	1.53	80	0.40	4		
TOTAL FOR MAP NO. 4											1.58		1.58	80	0.40	20	80	30	1.53	80	0.40	4	
TOTAL FOR PROJ NO. 2022CPT.03.07.20101											6.58		6.58	331	1.65	60	331	110	6.37	331	1.65	14	
2022CPT.03.07.20102	Brunswick	7	SR 1488 (NATIONAL AVE. NE)	FROM SR 1725 (LEXINGTON AVE. NE) TO SR 1607 (ECHO DR. NE) [MP 0.00 - MP 0.81]	2	2	2WU	NO	NO	0.81	21												
TOTAL FOR MAP NO. 7											0.81												
2022CPT.03.07.20102	Brunswick	8	SR 1489 (PARKWOOD DR. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.32]	2	2	2WU	NO	NO	0.31	20												
TOTAL FOR MAP NO. 8											0.31												
2022CPT.03.07.20102	Brunswick	9	SR 1491 (WINSTON AVE. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	20												
TOTAL FOR MAP NO. 9											0.07												
2022CPT.03.07.20102	Brunswick	10	SR 1492 (DAVIDSON AVE. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.20]	2	2	2WU	NO	NO	0.19	20												
TOTAL FOR MAP NO. 10											0.19												
2022CPT.03.07.20102	Brunswick	11	SR 1607 (ECHO DR. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1608 (SALEM DR. NE) [MP 0.00 - MP 0.28]	2	2	2WU	NO	NO	0.28	21												
TOTAL FOR MAP NO. 11											0.28												
2022CPT.03.07.20102	Brunswick	12	SR 1608 (SALEM DR. NE)	FROM SR 1607 (ECHO DR. NE) TO 1725 (LEXINGTON AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	20												
TOTAL FOR MAP NO. 12											0.07												
2022CPT.03.07.20102	Brunswick	13	SR 1724 (PADDINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.33]	2	2	2WU	NO	NO	0.33	20												
TOTAL FOR MAP NO. 13											0.33												
2022CPT.03.07.20102	Brunswick	14	SR 1725 (LEXINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	20												
TOTAL FOR MAP NO. 14											0.39												
2022CPT.03.07.20102	Brunswick	15	SR 1712 (INDUSTRIAL BLVD. NE)	FROM SR 1426 (MT. MISERY RD. NE) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	21												
TOTAL FOR MAP NO. 15											0.39												
2022CPT.03.07.20102	Brunswick	16	SR 1713 (POPULAR ST. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.28]	2	2	2WU	NO	NO	0.28	22												
TOTAL FOR MAP NO. 16											0.28												
2022CPT.03.07.20102	Brunswick	17	SR 1714 (POPULAR ST. NE / ENTERPRISE DR. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	NO	NO	0.39	23												
TOTAL FOR MAP NO. 17											0.39												
2022CPT.03.07.20102	Brunswick	18	SR 1440 (CHURCH RD. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.21]	2	2	2WU	NO	NO	0.21	21												
TOTAL FOR MAP NO. 18											0.21												
TOTAL FOR PROJ NO. 2022CPT.03.07.20102											3.72												
GRAND TOTAL											10.3		6.58	331	1.65	60	331	110	6.37	331	1.65	14	

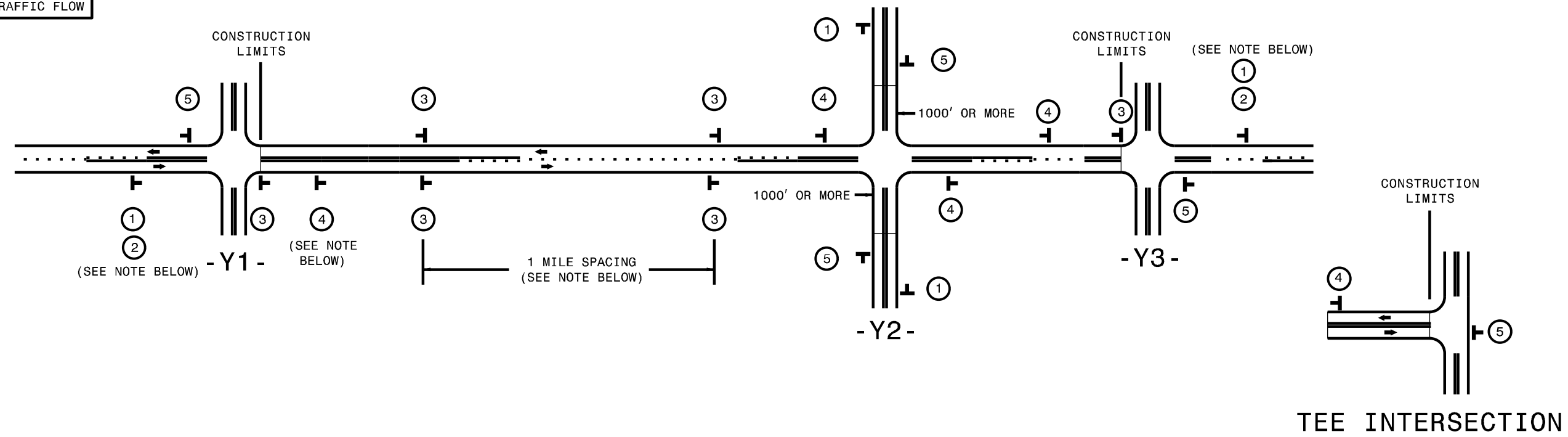
PROJECT NO.	SHEET NO.
2022CPT.03.07.20101, Etc.	9

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4720000000-E	4810000000-E		4891000000-E	4900000000-N	
										WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMO RXR 90 MILS	4" WHITE PAINT	4" YELLOW PAINT	GENERIC MARKING, 24" X 90 M WHITE THERMO	YELLOW & YELLOW MARKERS	
										SF	LS	EA	LF	LF	LF	EA	
2022CPT.03.07.20101	Brunswick	1	SR 1514 (MILL CREEK ROAD)	FROM US 17 HWY. (OCEAN HWY.) TO NC 87 HWY. (GEORGE II HWY.) [MP 0.05 - MP 2.60]	1	2	2WU	2.55	19								173
TOTAL FOR MAP NO. 1										2.55							173
2022CPT.03.07.20101	Brunswick	2	SR 1126 (MORGAN ROAD)	FROM SR 1130 (MT. PISGAH RD.) TO SR 1119 (STANLEY RD.) [MP 0.01 - MP 1.22]	1	2	2WU	1.21	20								82
TOTAL FOR MAP NO. 2										1.21							82
2022CPT.03.07.20101	Brunswick	3	SR 1128 (HEWETT ROAD)	FROM SR 1115 (STONE CHIMNEY RD. SW) TO SR 1119 (STANLEY RD. NW) [MP 0.00 - MP 1.24]	1	2	2WU	1.24	20								85
TOTAL FOR MAP NO. 3										1.24							85
2022CPT.03.07.20101	Brunswick	4	SR 1129 (TURNPIKE ROAD)	FROM SR 1115 (STONE CHIMNEY RD.) TO SR 1130 (MT. PISGAH RD.) [MP 0.01 - MP 1.59]	1	2	2WU	1.58	20								106
TOTAL FOR MAP NO. 4										1.58							106
TOTAL FOR PROJ NO. 2022CPT.03.07.20101										6.58	80	*	141,602	105,838			446
													247,440			446	
2022CPT.03.07.20102	Brunswick	7	SR 1488 (NATIONAL AVE. NE)	FROM SR 1725 (LEXINGTON AVE. NE) TO SR 1607 (ECHO DR. NE) [MP 0.00 - MP 0.81]	2	2	2WU	0.81	21								
TOTAL FOR MAP NO. 7										0.81							
2022CPT.03.07.20102	Brunswick	8	SR 1489 (PARKWOOD DR. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.32]	2	2	2WU	0.31	20								
TOTAL FOR MAP NO. 8										0.31							
2022CPT.03.07.20102	Brunswick	9	SR 1491 (WINSTON AVE. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	0.07	20								
TOTAL FOR MAP NO. 9										0.07							
2022CPT.03.07.20102	Brunswick	10	SR 1492 (DAVIDSON AVE. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.01 - MP 0.20]	2	2	2WU	0.19	20								
TOTAL FOR MAP NO. 10										0.19							
2022CPT.03.07.20102	Brunswick	11	SR 1607 (ECHO DR. NE)	FROM SR 1488 (NATIONAL AVE. NE) TO SR 1608 (SALEM DR. NE) [MP 0.00 - MP 0.28]	2	2	2WU	0.28	21								
TOTAL FOR MAP NO. 11										0.28							
2022CPT.03.07.20102	Brunswick	12	SR 1608 (SALEM DR. NE)	FROM SR 1607 (ECHO DR. NE) TO 1725 (LEXINGTON AVE. NE) [MP 0.00 - MP 0.07]	2	2	2WU	0.07	20								
TOTAL FOR MAP NO. 12										0.07							
2022CPT.03.07.20102	Brunswick	13	SR 1724 (PADDINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.33]	2	2	2WU	0.33	20								
TOTAL FOR MAP NO. 13										0.33							
2022CPT.03.07.20102	Brunswick	14	SR 1725 (LEXINGTON AVE. NE)	FROM 1488 (NATIONAL AVE. NE) TO SR 1488 (NATIONAL AVE. NE) [MP 0.00 - MP 0.39]	2	2	2WU	0.39	20								
TOTAL FOR MAP NO. 14										0.39							
2022CPT.03.07.20102	Brunswick	15	SR 1712 (INDUSTRIAL BLVD. NE)	FROM SR 1426 (MT. MISERY RD. NE) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	0.39	21								
TOTAL FOR MAP NO. 15										0.39							
2022CPT.03.07.20102	Brunswick	16	SR 1713 (POPULAR ST. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.28]	2	2	2WU	0.28	22								25
TOTAL FOR MAP NO. 16										0.28							25
2022CPT.03.07.20102	Brunswick	17	SR 1714 (POPULAR ST. NE / ENTERPRISE DR. NE)	FROM US 74/76 (ANDREW JACKSON HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.39]	2	2	2WU	0.39	23								26
TOTAL FOR MAP NO. 17										0.39				4,000	2,400		26
													4,000	2,400			
2022CPT.03.07.20102	Brunswick	18	SR 1440 (CHURCH RD. NE)	FROM SR 1437 (OLD FAYETTEVILLE RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.21]	2	2	2WU	0.21	21								
TOTAL FOR MAP NO. 18										0.21							
TOTAL FOR PROJ NO. 2022CPT.03.07.20102										3.72		*	2	4,000	2,400	25	26
													6,400			26	
GRAND TOTAL										10.3	80	1.00	2	145,602	108,238	25	472
													253,840			472	







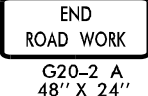
SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①	 W20-1 48" X 48"	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;">  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;">  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	②	 W7-3aP 24" X 18"	#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	 SP 13107 48" X 48"	<ul style="list-style-type: none"> - 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	 SP 13106 48" X 48"	<ul style="list-style-type: none"> - 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	 G20-2 A 48" X 24"	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

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$DCON\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

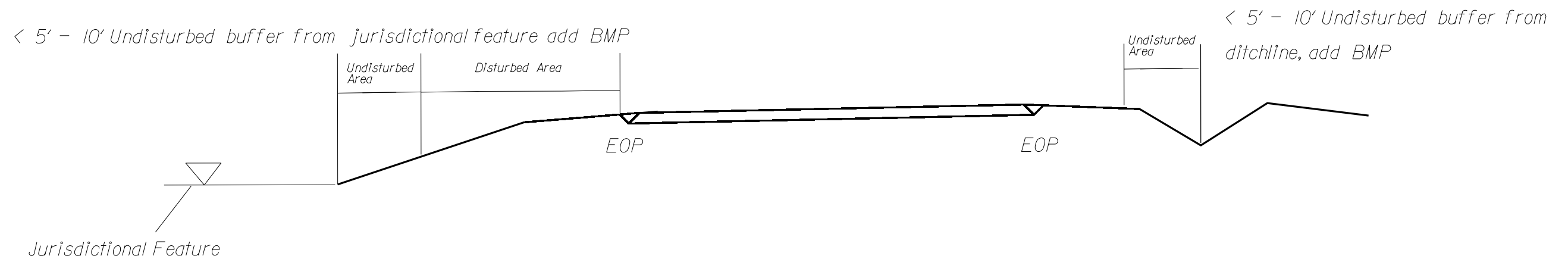
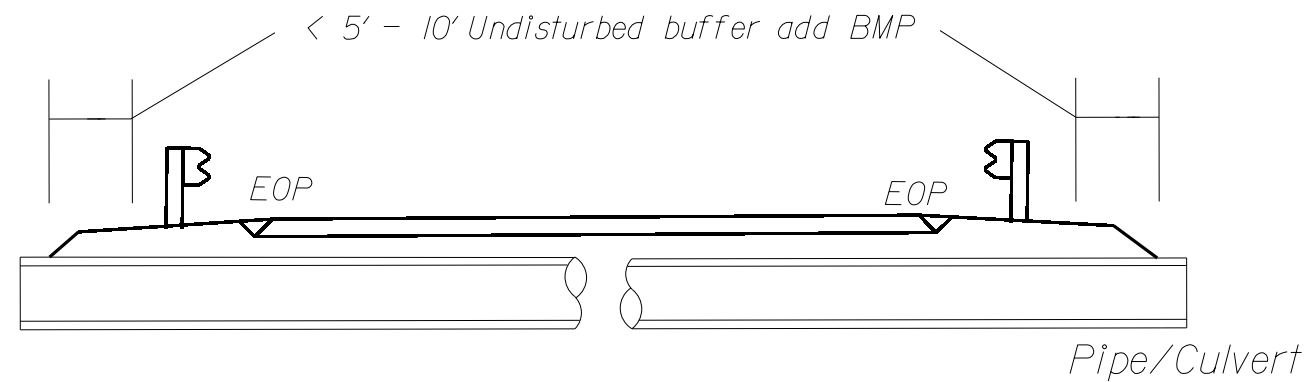
SOIL STABILIZATION TIMEFRAMES

<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.

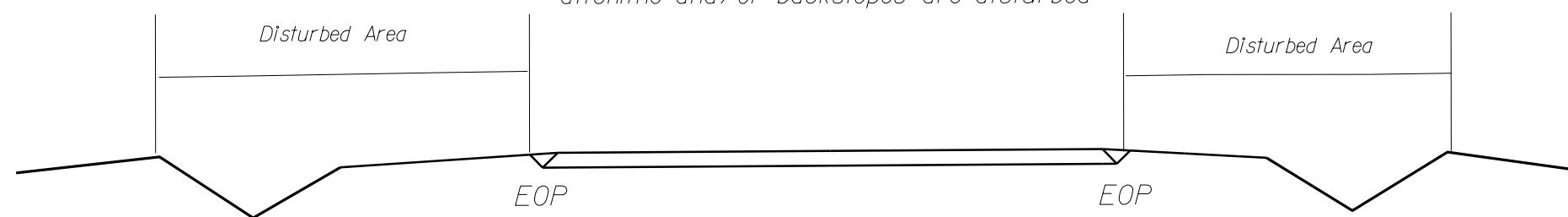
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

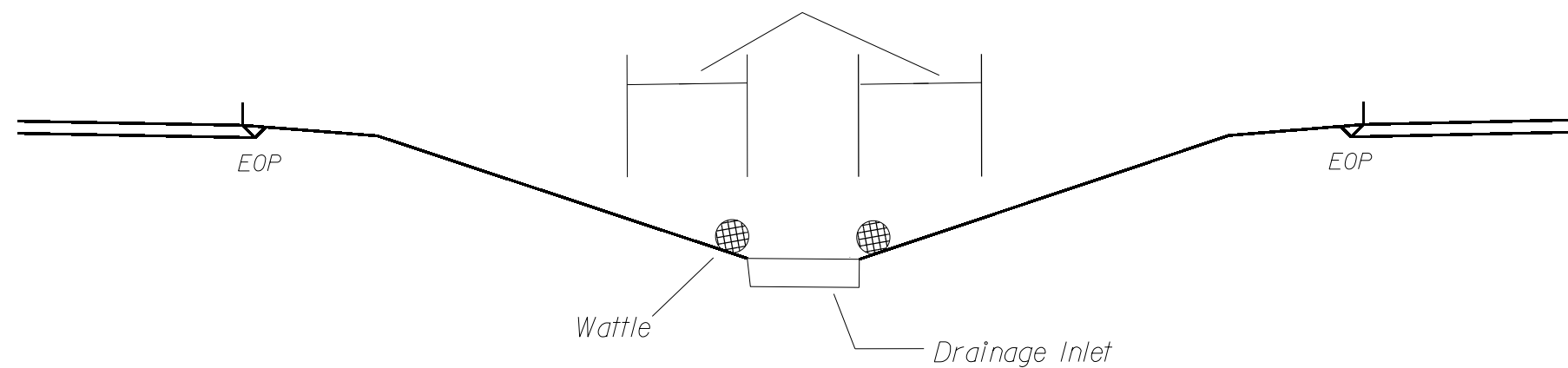
EROSION CONTROL DETAIL



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

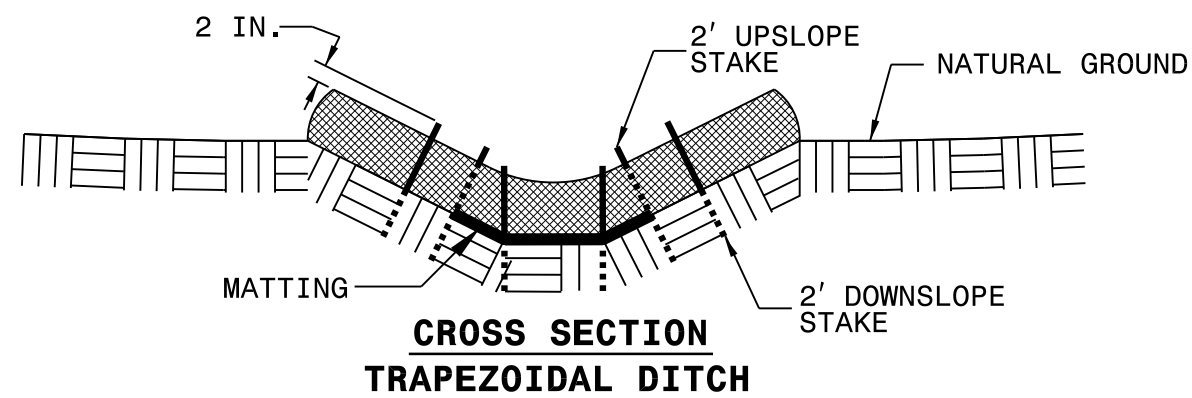
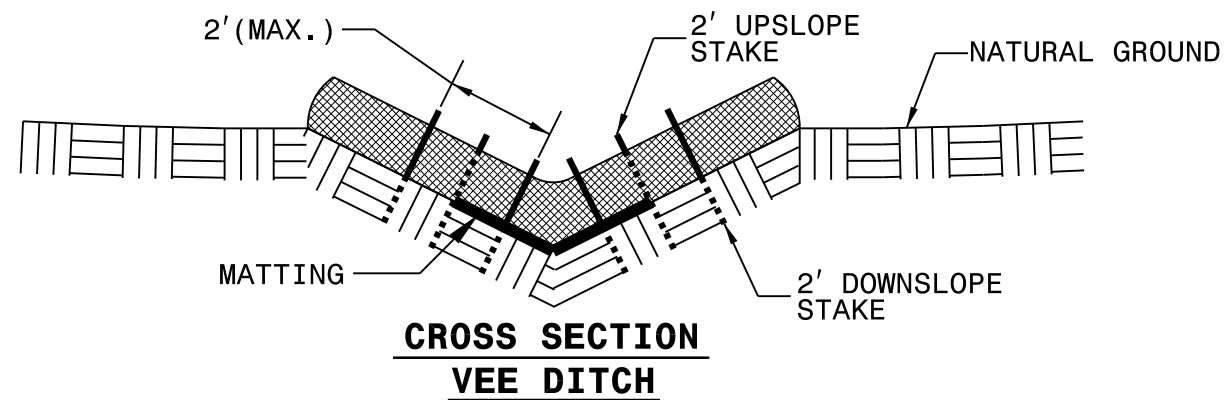
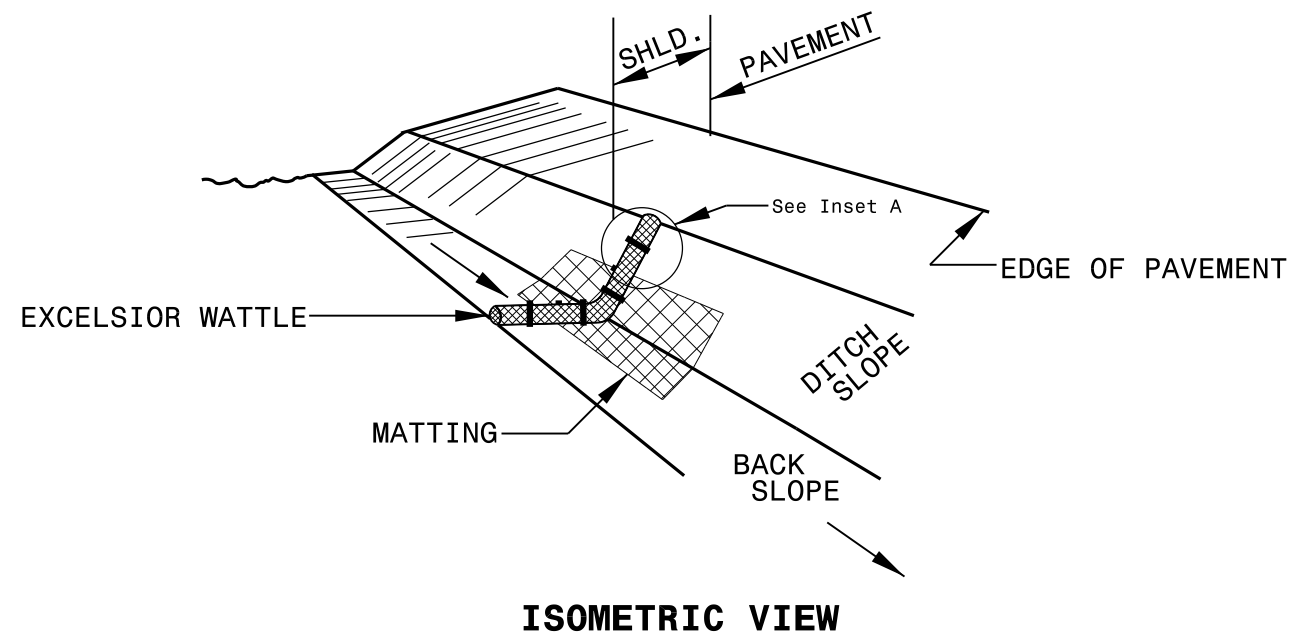


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

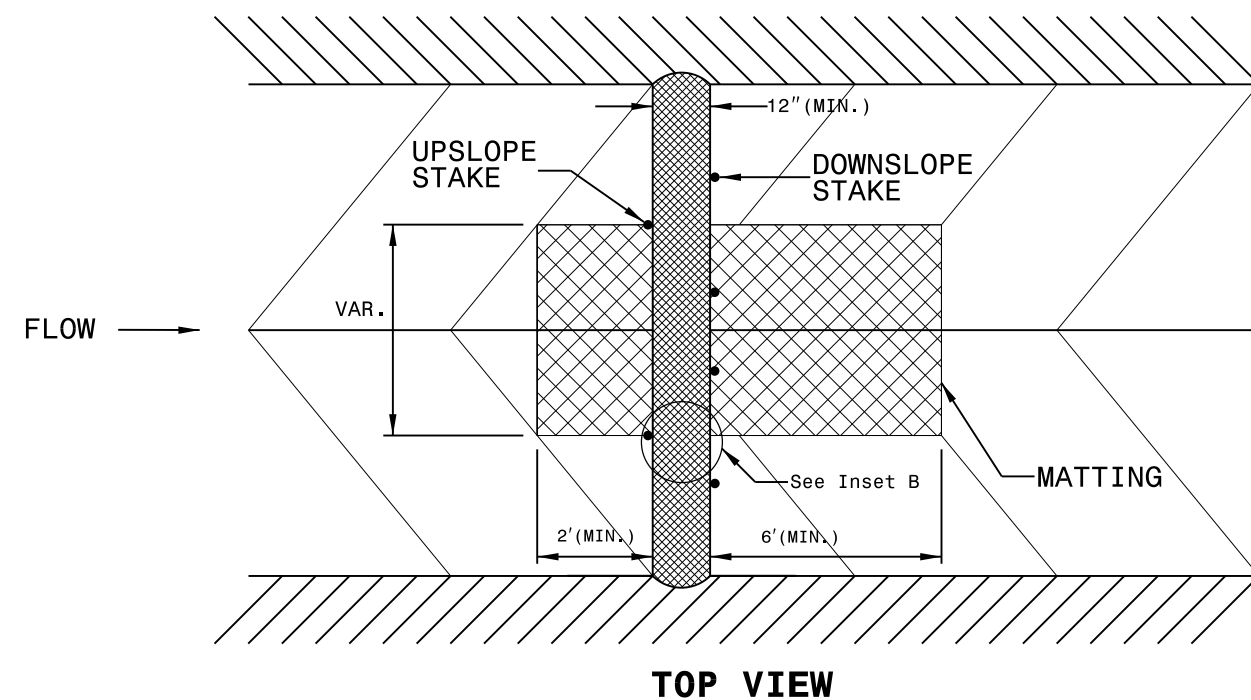
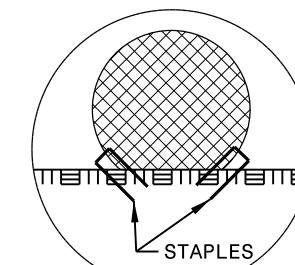
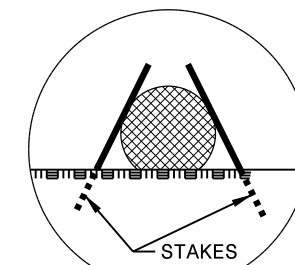
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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\16ender County\Plan Sheets\3CR.20711.173. EC RESURF. 2015.dgn
 Date: 2/15/2015 11:41 AM
 User: jrb
 Plot: 1141.dwg