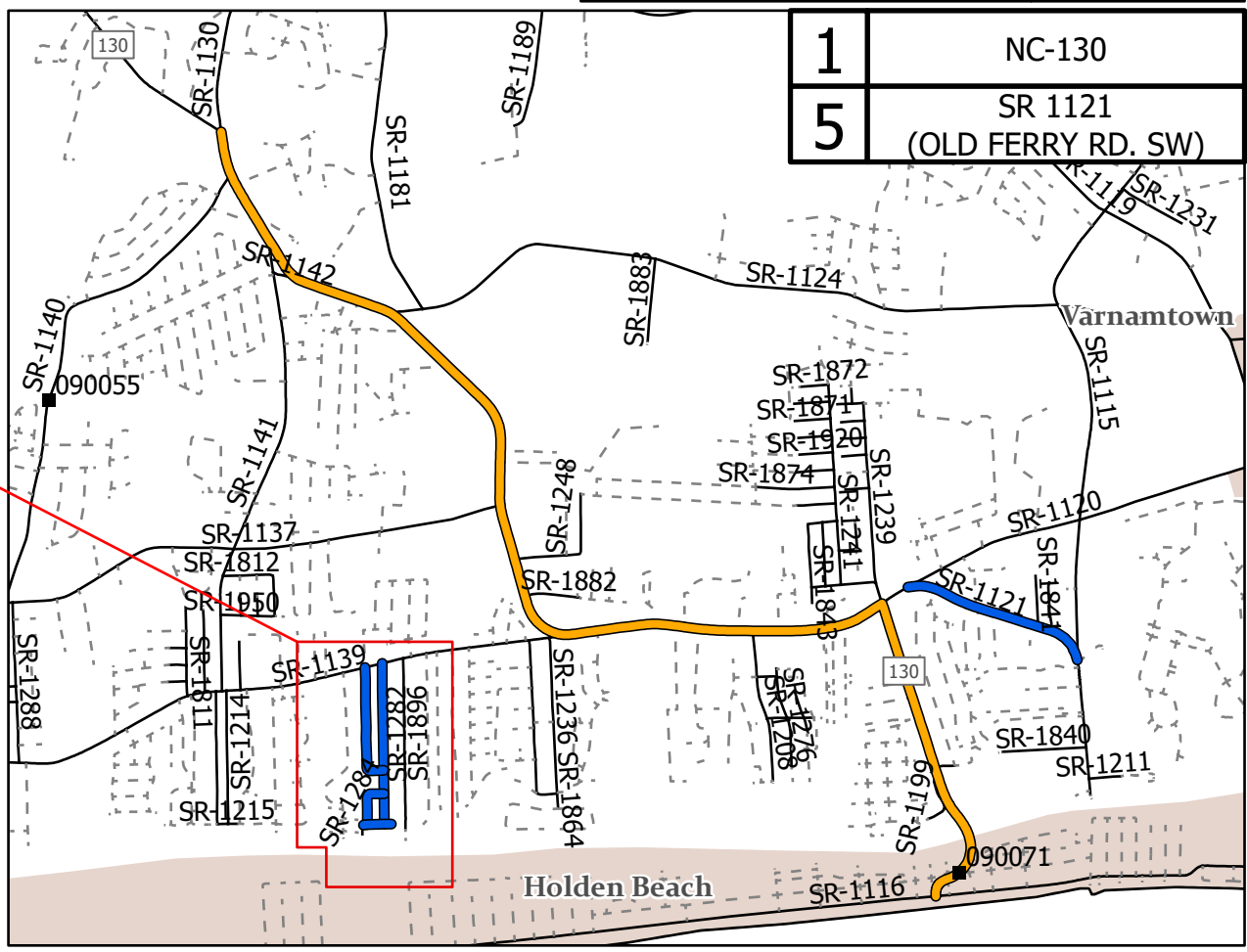
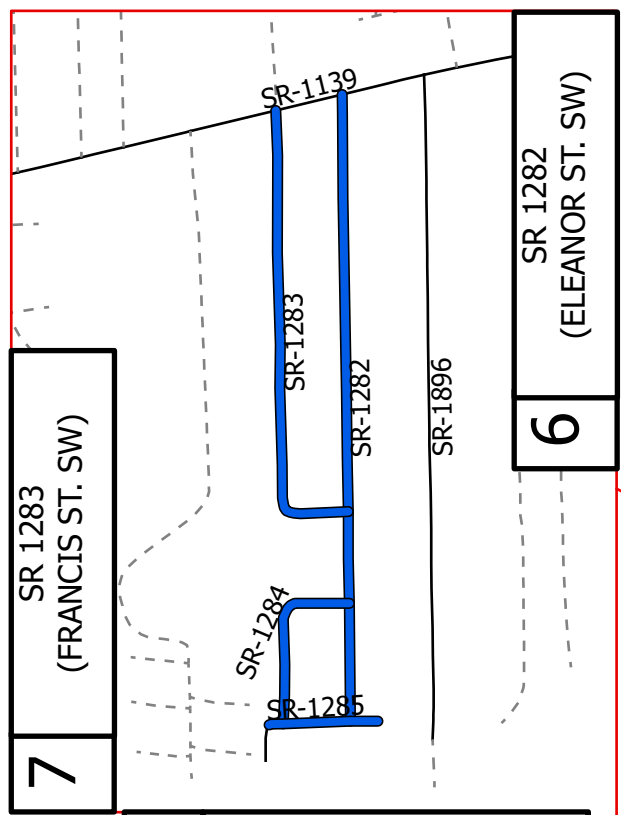
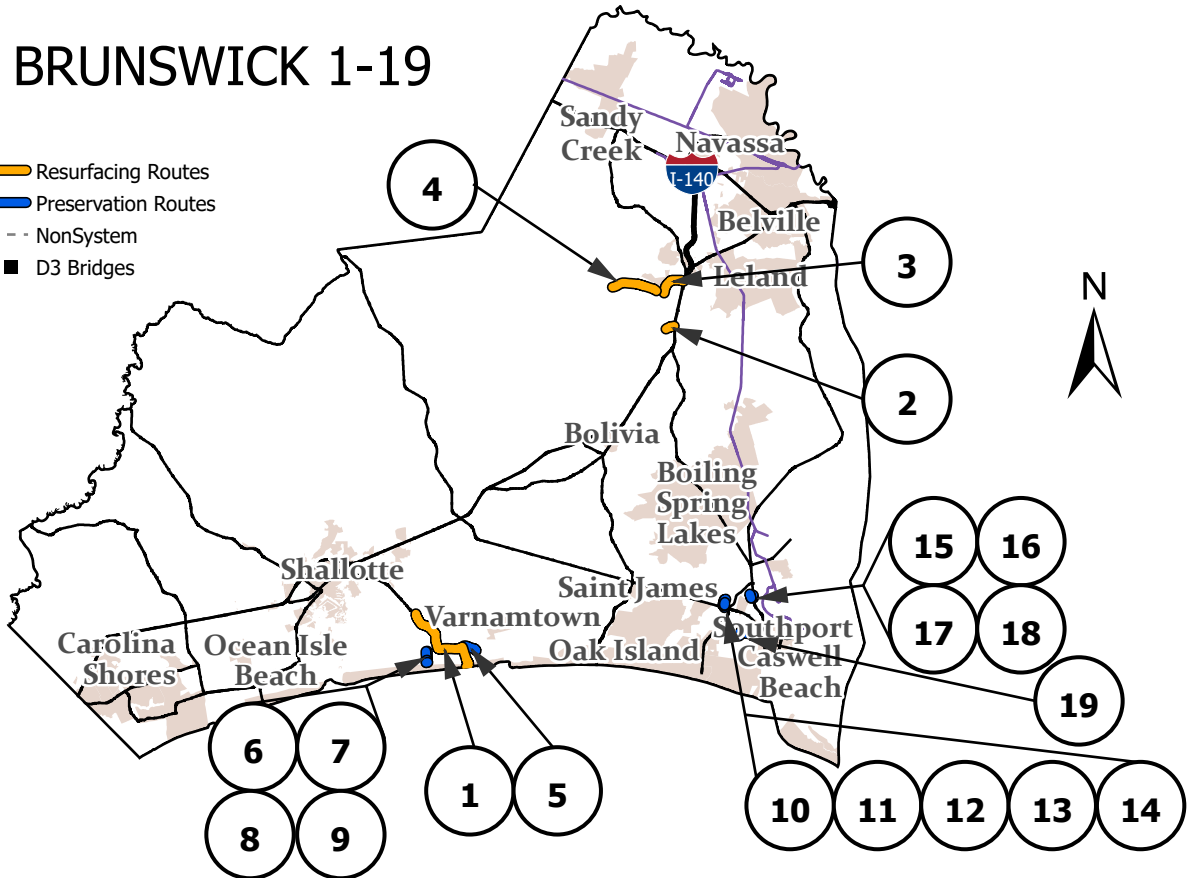


BRUNSWICK 1-19

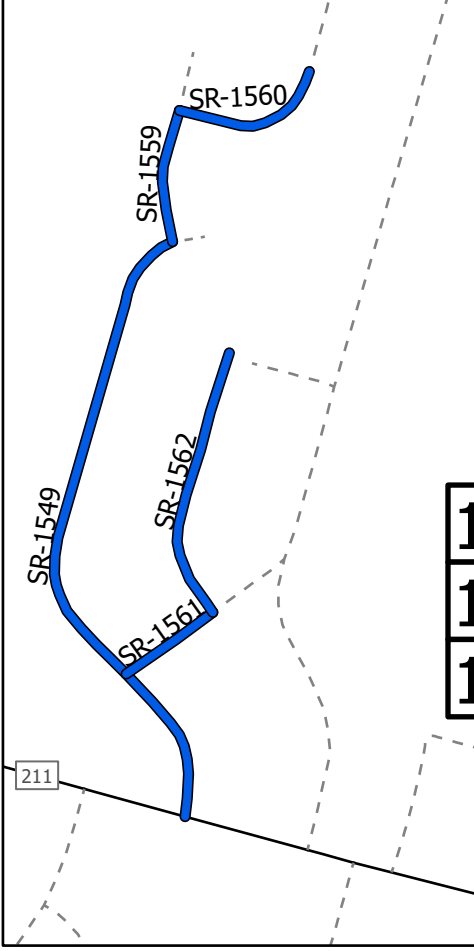
- Resurfacing Routes
- Preservation Routes
- - - NonSystem
- D3 Bridges



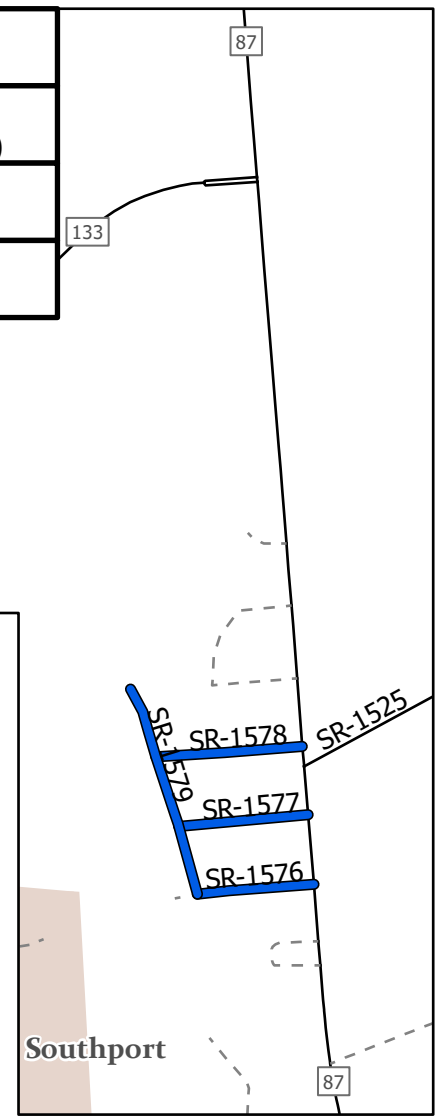
1	NC-130
5	SR 1121 (OLD FERRY RD. SW)

10	SR 1549 (OAKVIEW DR. SE)
11	SR 1559 (PINEVIEW DR. SE)

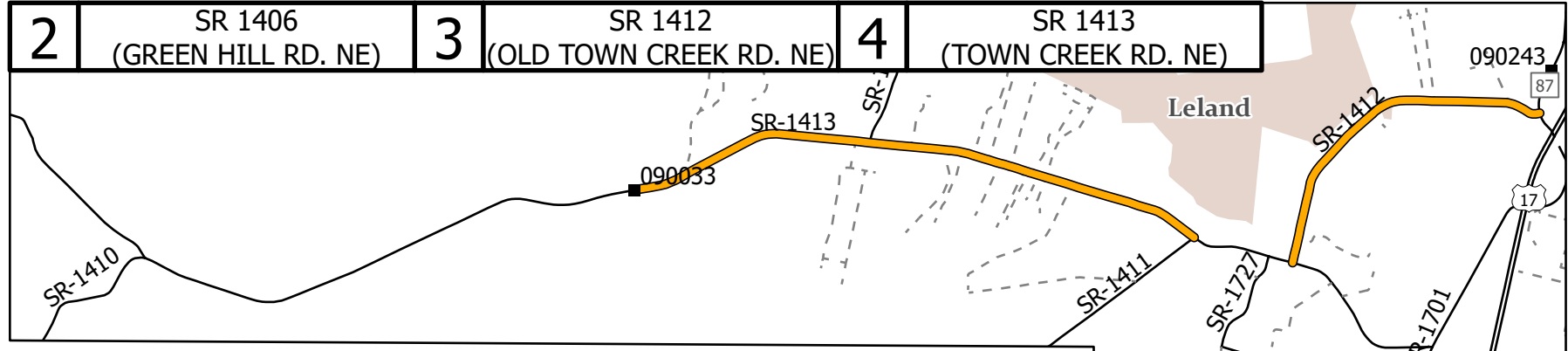
15	SR 1576 (LYNN ST. SE)
16	SR 1577 (PINE GLEN ST. SE)
17	SR 1578 (CALHOUN DR. SE)
18	SR 1579 (CAROL ST. SE)



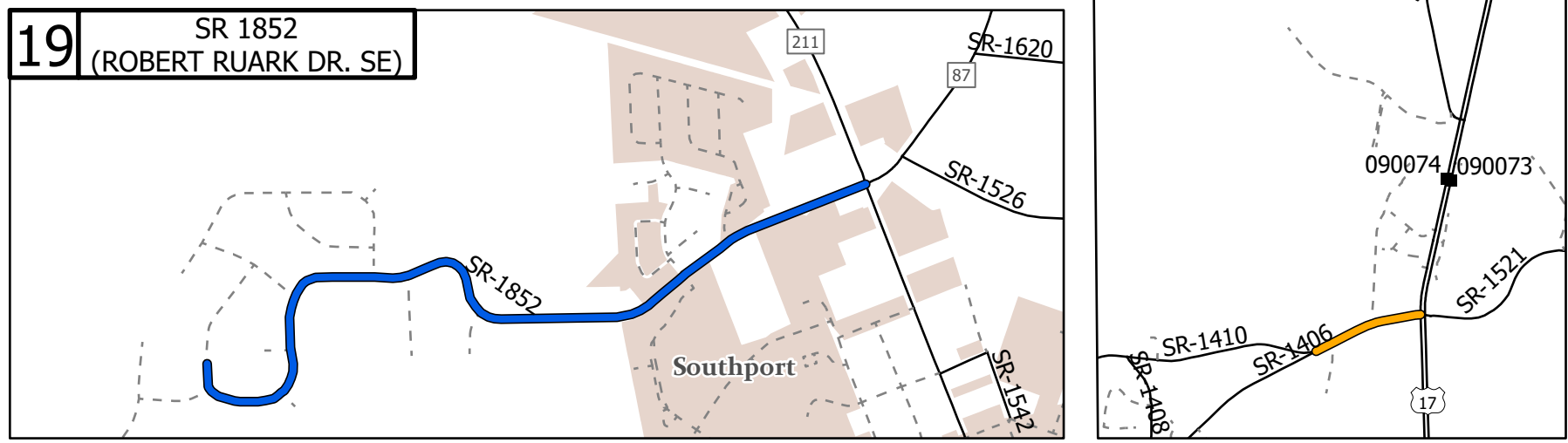
12	SR1560 (CLEARVIEW DR. SE)
13	SR 1561 (BAYVIEW DR. SE)
14	SR 1562 (LONGVIEW DR. SE)

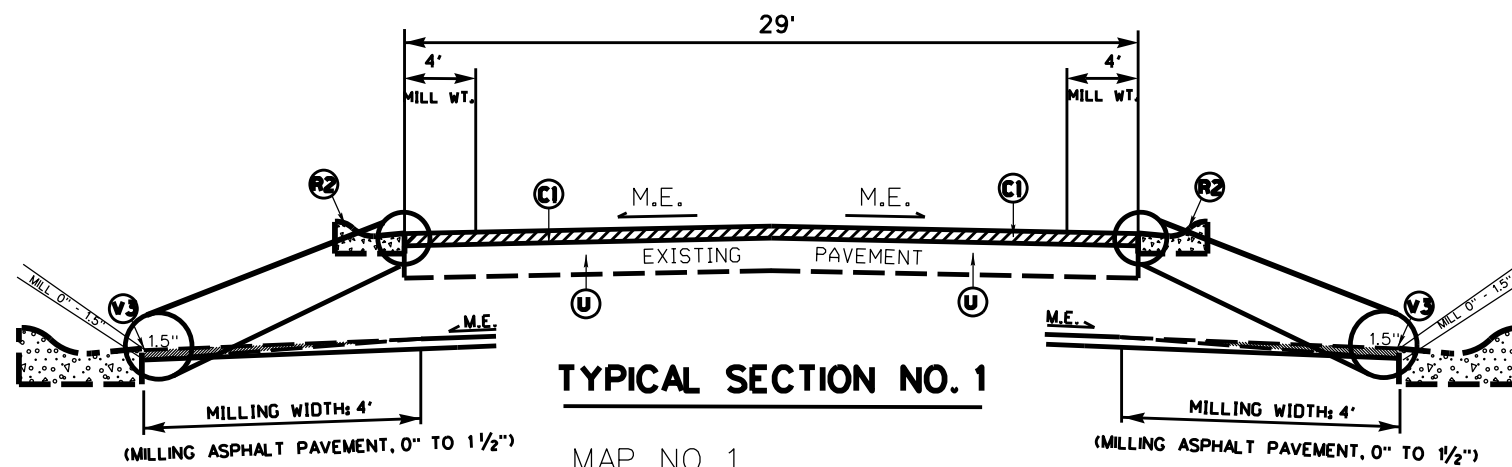


8	SR 1284 (LORETTA ST. SW)
9	SR 1285 (WILLIAM ST. SW)



19	SR 1852 (ROBERT RUARK DR. SE)
----	----------------------------------





TYPICAL SECTION NO. 1

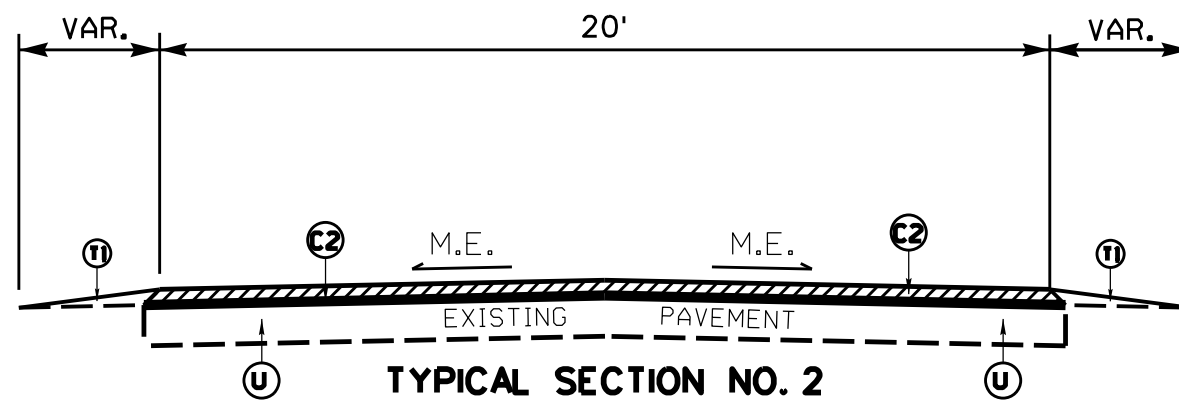
(MILLING ASPHALT PAVEMENT, 0" TO 1 1/2")
 0" - 1.5" MILLING
 MP 1.10 - MP 1.14

MAP NO. 1
 NC 130 (HOLDEN BEACH RD.)
 MP 0.00 - MP 4.39

(MILLING ASPHALT PAVEMENT, 0" TO 1 1/2")
 0" - 1.5" MILLING
 MP 1.07 - MP 1.13

Ⓟ V1 FRIS MILL 1-1/2"
 MP 2.90 - MP 3.02

Ⓟ V3 0" - 1.5" MILLING
 MP 1.10 - MP 1.14
 MP 1.07 - MP 1.13

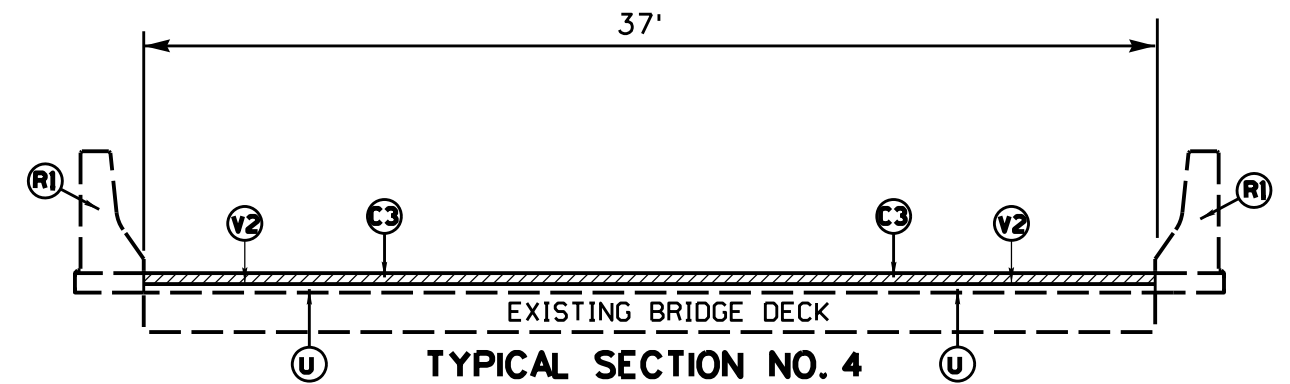


TYPICAL SECTION NO. 2

MAP NO. 2
 SR 1406 (GREEN HILL RD.)
 MP 8.63 - MP 9.07

MAP NO. 3
 SR 1412 (OLD TOWN CREEK RD.)
 MP 0.00 - MP 1.27

Ⓟ V1 FRIS MILL 1-1/2"
 MP 3.12 - MP 3.27
 MP 3.29 - MP 3.30



TYPICAL SECTION NO. 4

MAP NO. 4
 SR 1413 (TOWN CREEK RD.)
 BRUNSWICK BRIDGE NO. 033
 MP 3.27 - MP 3.29

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C3	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
C4	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
R1	EXISTING BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH
V2	MILLING ASPHALT PAVEMENT, 1" DEPTH
V3	MILLING ASPHALT PAVEMENT, 0"-1 1/2" DEPTH

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

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

REVISIONS

8/17/99

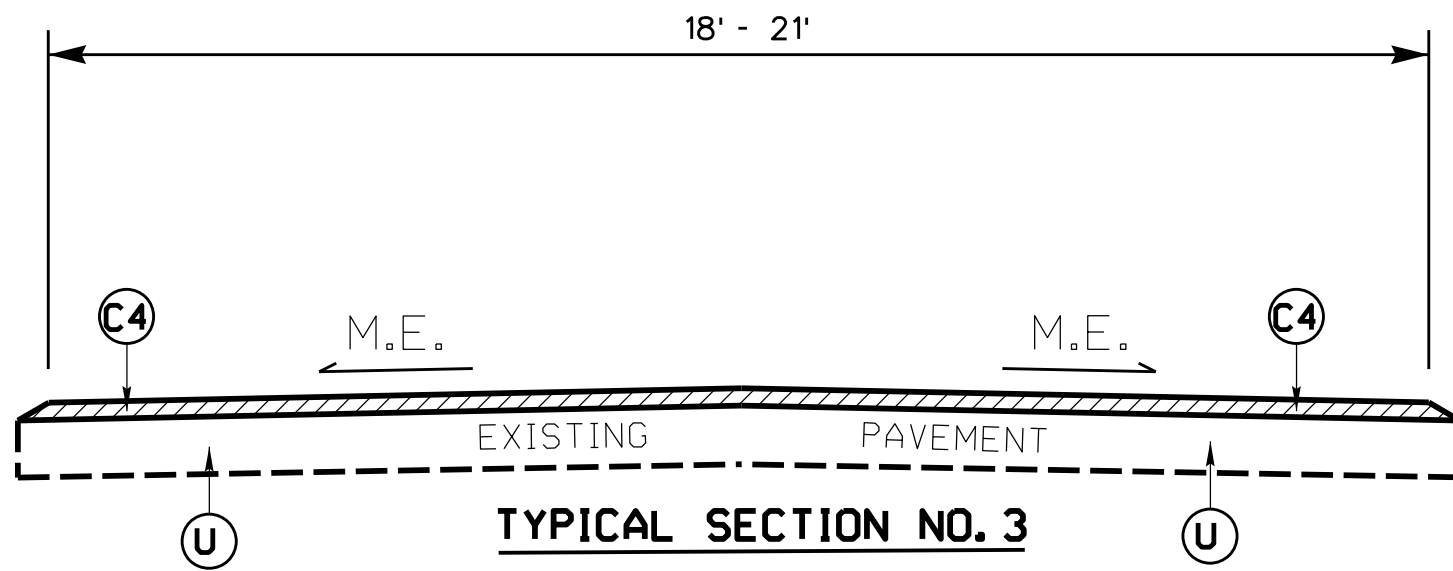
SYSTEMS DESIGN

PAVEMENT SCHEDULE	
C4	1" S4.75A
U	EXISTING PAVEMENT

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

STATE FORCES WILL MARK SHORT OVERLAYS FOR MAP 19:

MAP NO. 19
SR 1852 (ROBERT RUARK DR. SE)
MP 0.00 - MP 1.32



TYPICAL SECTION NO. 3

MAP NO. 5
SR 1121 (OLD FERRY RD. SW)
MP 0.00 - MP 0.64

MAP NO. 10
SR 1549 (OAKVIEW DR. SE)
MP 0.00 - MP 0.36

MAP NO. 15
SR 1576 (LYNN ST. SE)
MP 0.00 - MP 0.12

MAP NO. 6
SR 1282 (ELEANOR ST. SW)
MP 0.00 - MP 0.54

MAP NO. 11
SR 1559 (PINEVIEW DR. SE)
MP 0.00 - MP 0.10

MAP NO. 16
SR 1577 (PINE GLEN ST. SE)
MP 0.00 - MP 0.13

MAP NO. 7
SR 1283 (FRANCIS ST. SW)
MP 0.00 - MP 0.39

MAP NO. 12
SR 1560 (CLEARVIEW DR. SE)
MP 0.00 - MP 0.09

MAP NO. 17
SR 1578 (CALHOUN DR. SE)
MP 0.00 - MP 0.15

MAP NO. 8
SR 1284 (LORETTA ST. SW)
MP 0.00 - MP 0.15

MAP NO. 13
SR 1561 (BAYVIEW DR. SE)
MP 0.00 - MP 0.08

MAP NO. 18
SR 1579 (CAROL ST. E)
MP 0.00 - MP 0.20

MAP NO. 9
SR 1285 (WILLIAM ST. SW)
MP 0.00 - MP 0.09

MAP NO. 14
SR 1562 (LONGVIEW DR. SE)
MP 0.00 - MP 0.10

REVISIONS

**EFF.01-16-2018
REV.**

2018 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, 2018 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 12 - PVT MARKING, MARKERS AND DELINEATION	
1205.08	Pavement Markings - Symbols & Word Messages

SYSTEMS DESIGN
PLANNING
DRAWING
CHECKING
REVISIONS
DATE
BY
APP'D
DATE

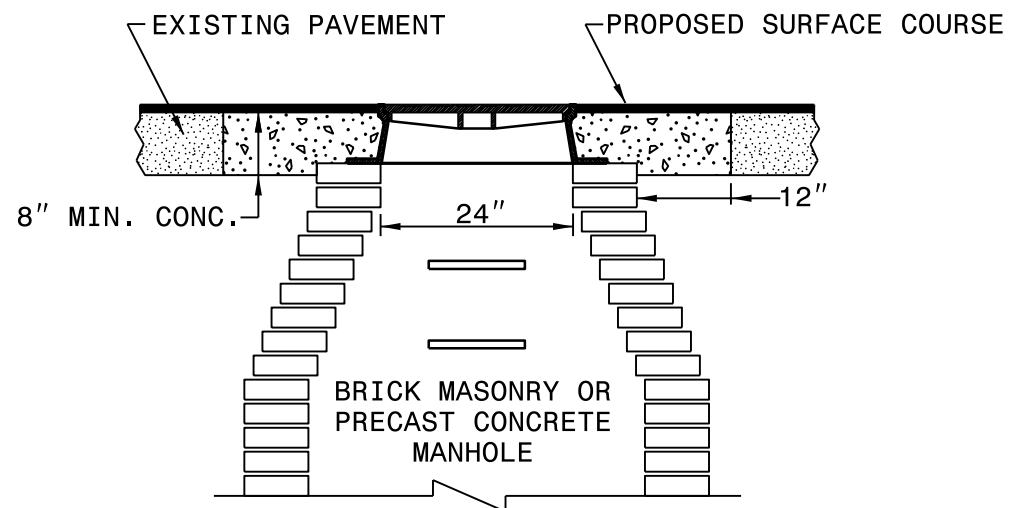
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

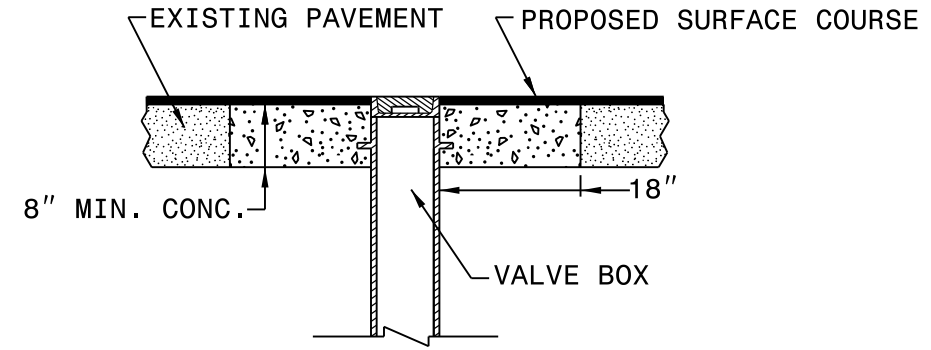
SHEET 1 OF 1
840D55

GENERAL NOTES:

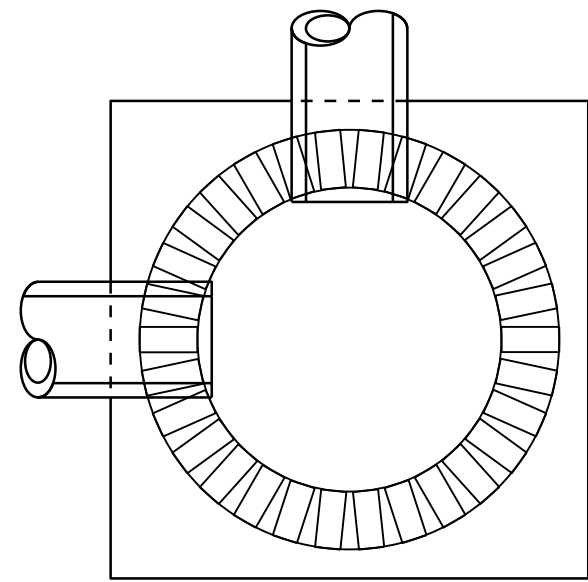
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL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

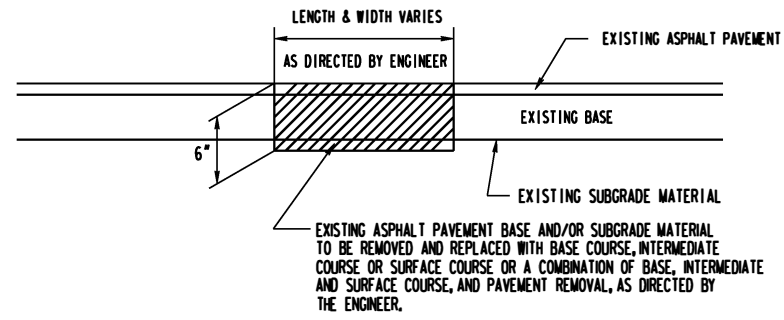
ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

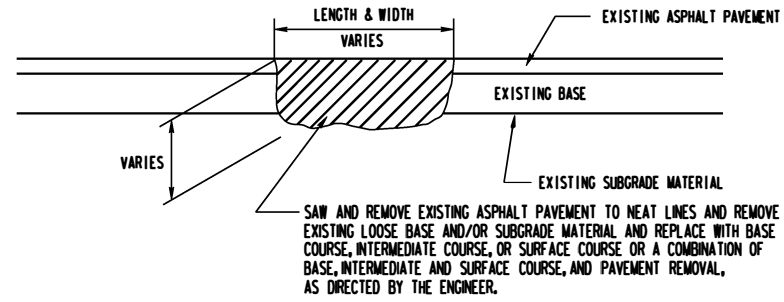
REVISIONS

28-NOV-2017 10:49
S:\Division Resurfacing\z Design Standards & CADD\CADD_Specs.Dwg\Typicals_Curb, Etc.dwg
\$\$\$\$\$

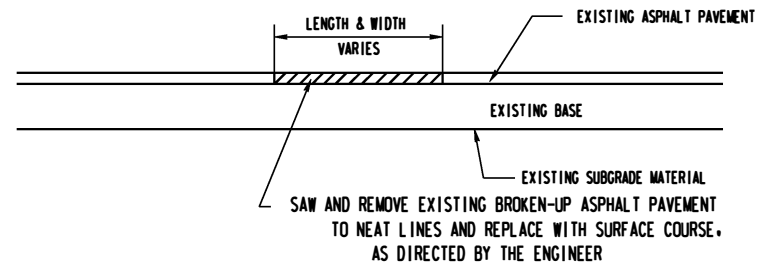
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



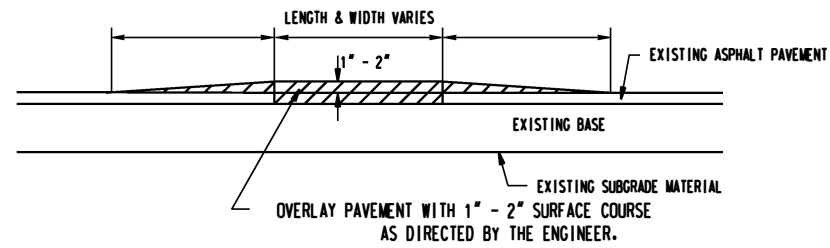
DETAIL NO. 1



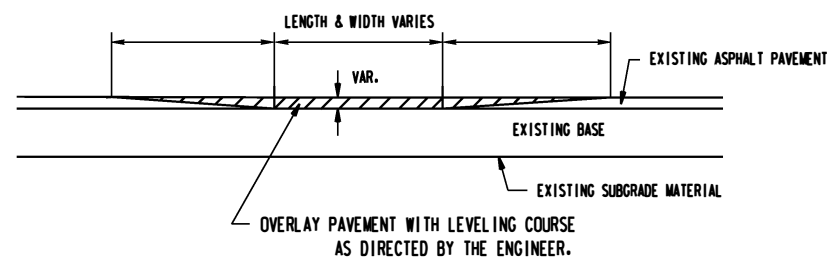
DETAIL NO. 2



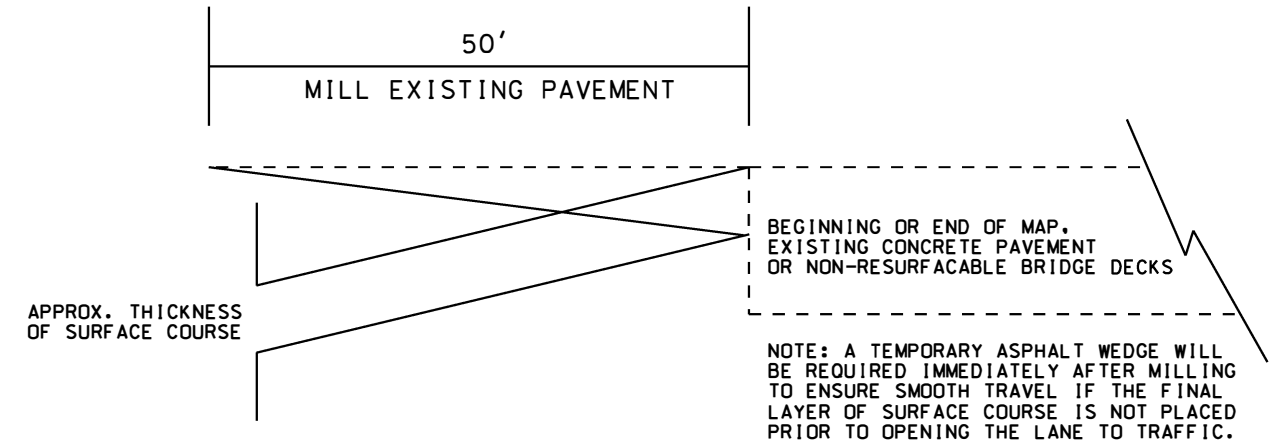
DETAIL NO. 3



DETAIL NO. 4

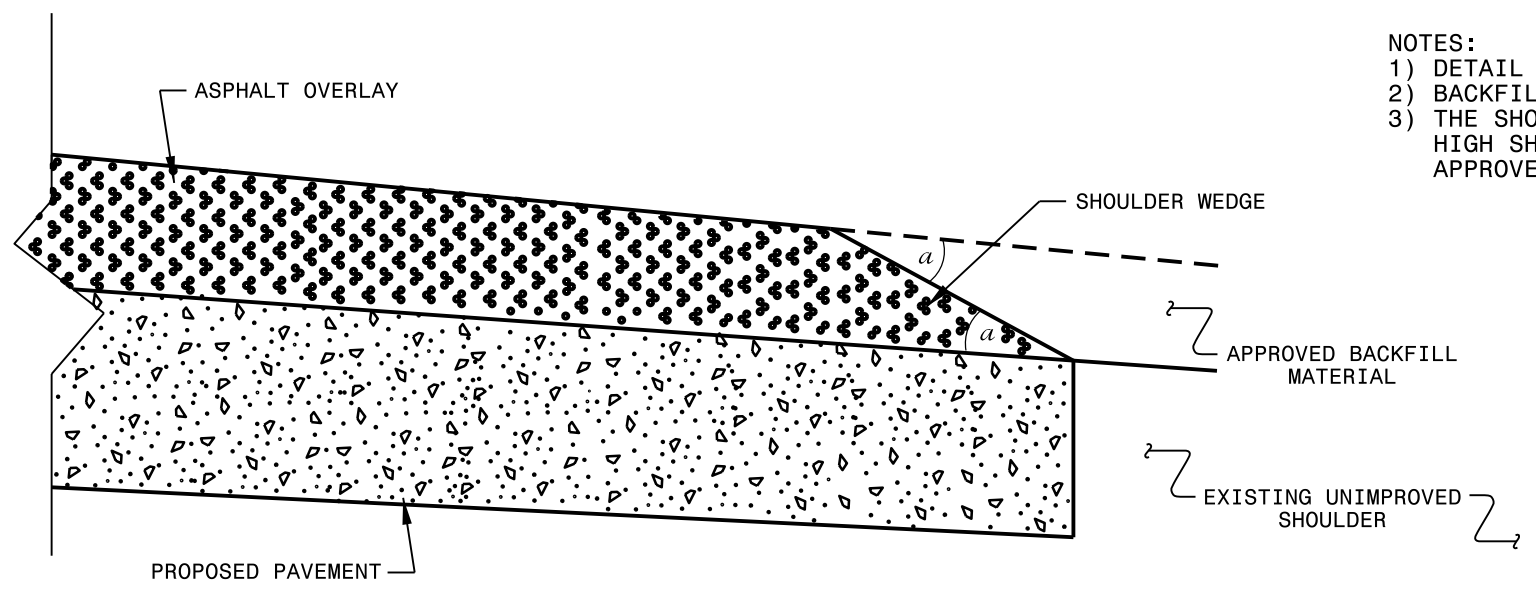


DETAIL NO. 5

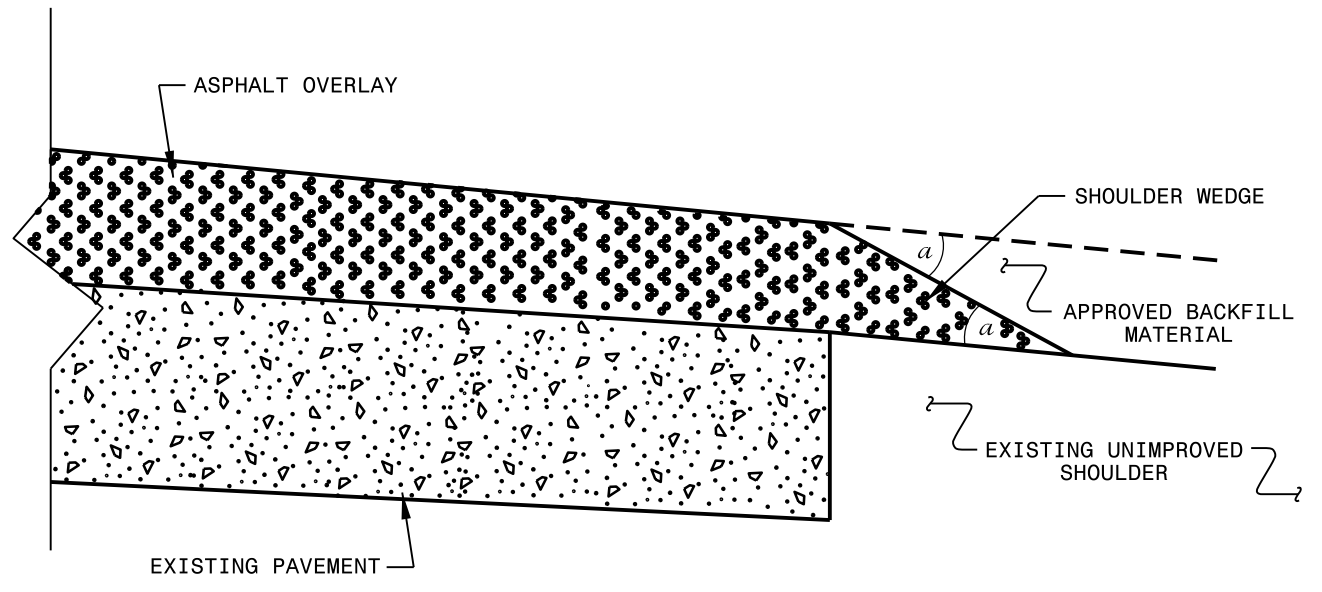


DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS:
MAY BE USED AT THE BEGINNING & END OF MAPS
AND AT APPROACH & TRAILING ENDS OF BRIDGES

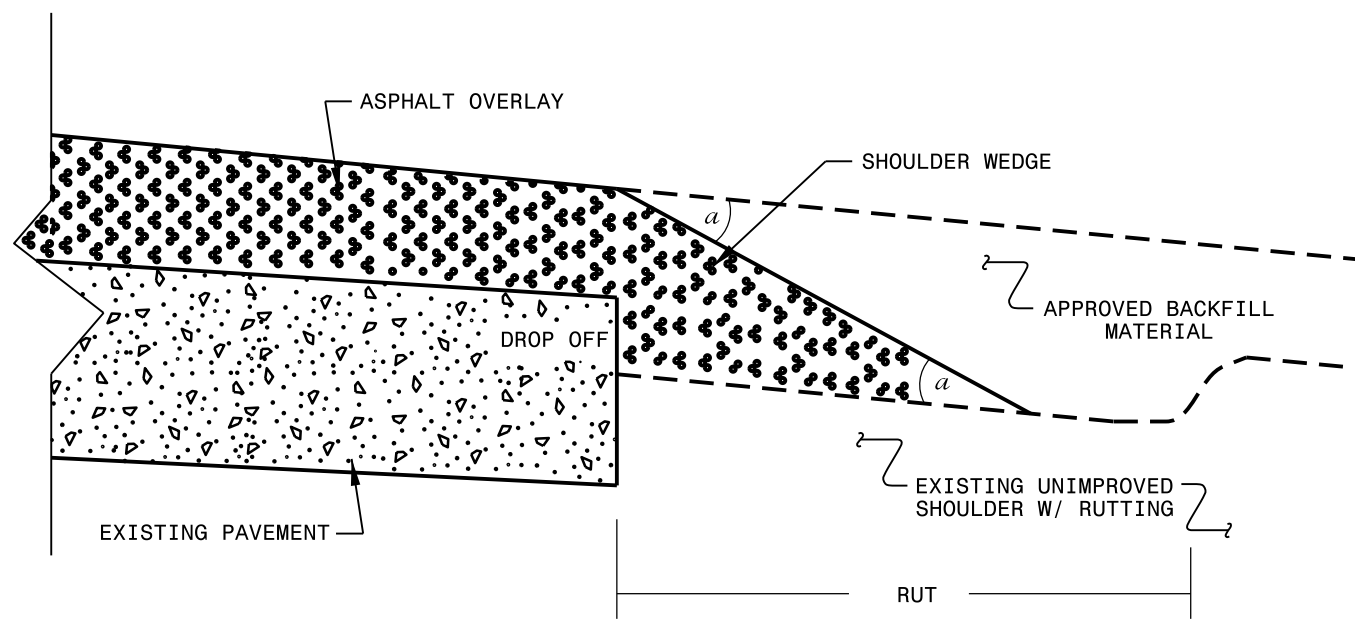
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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)

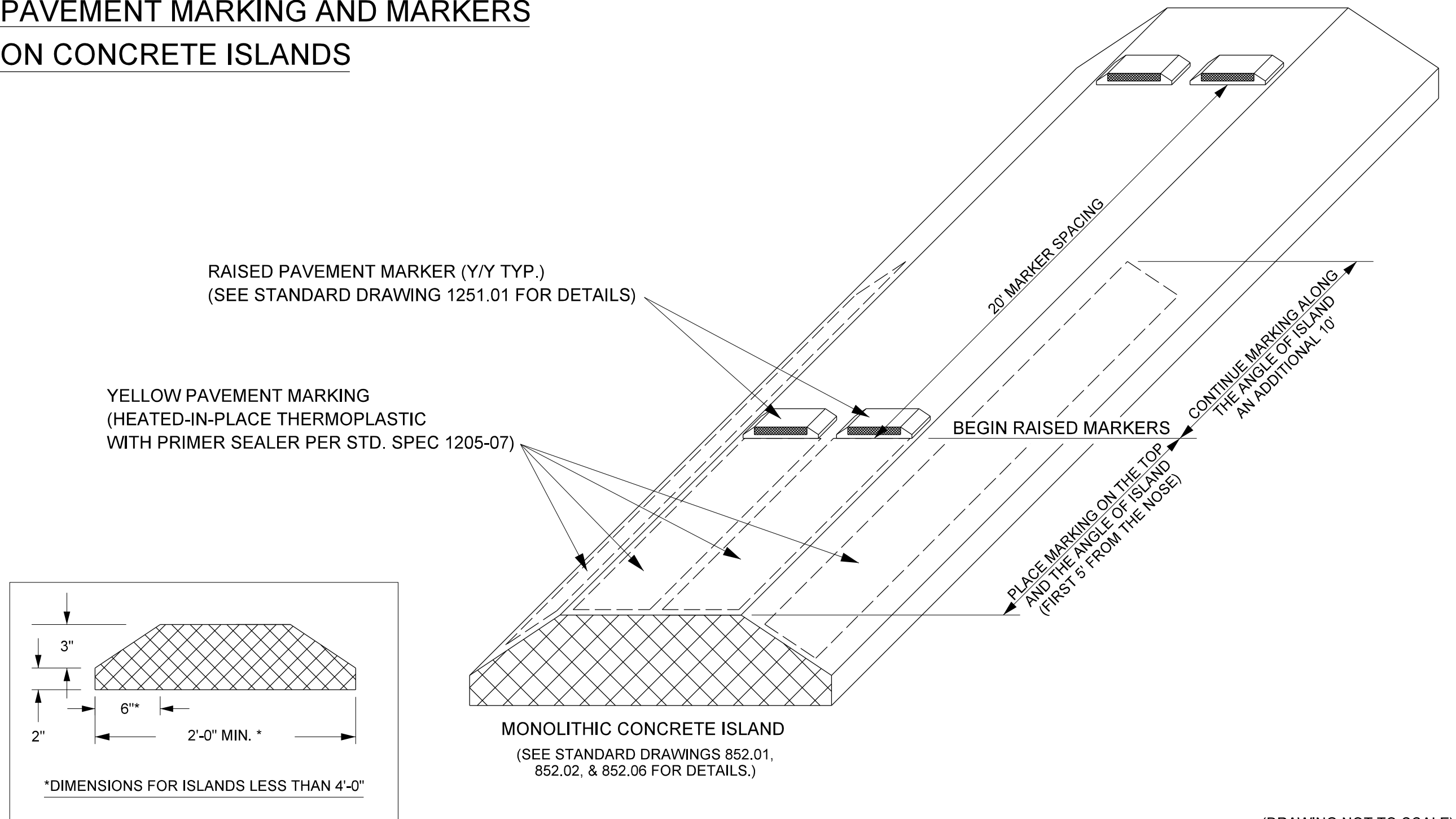
- SHOULDER WEDGE ANGLE = 30°

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_20152532

PAVEMENT MARKING DETAIL

PAVEMENT MARKING AND MARKERS ON CONCRETE ISLANDS



(DRAWING NOT TO SCALE)

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

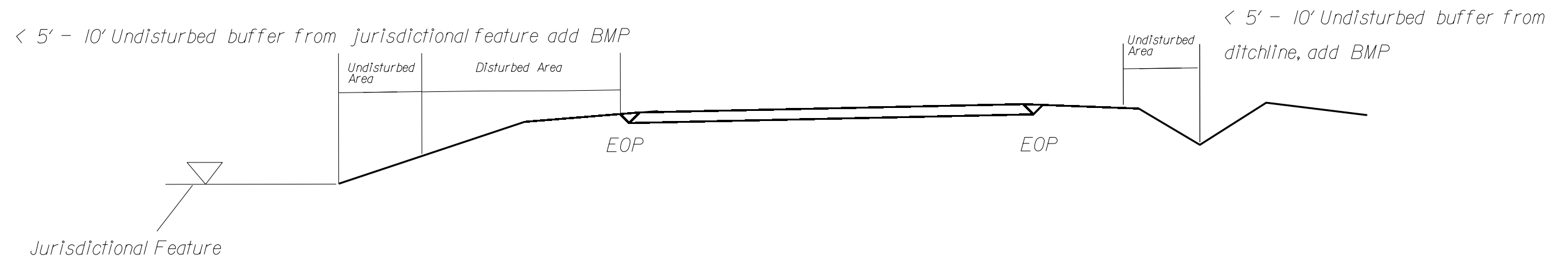
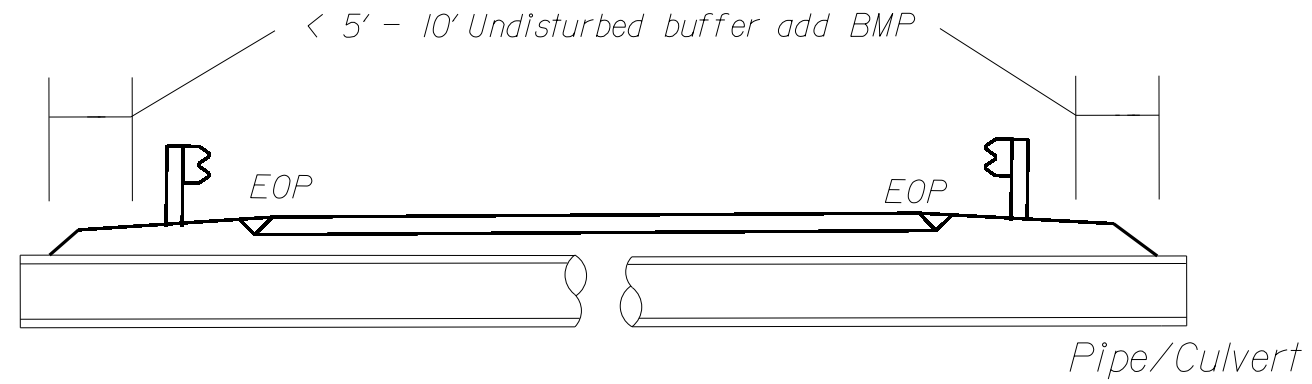
SOIL STABILIZATION TIMEFRAMES

<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

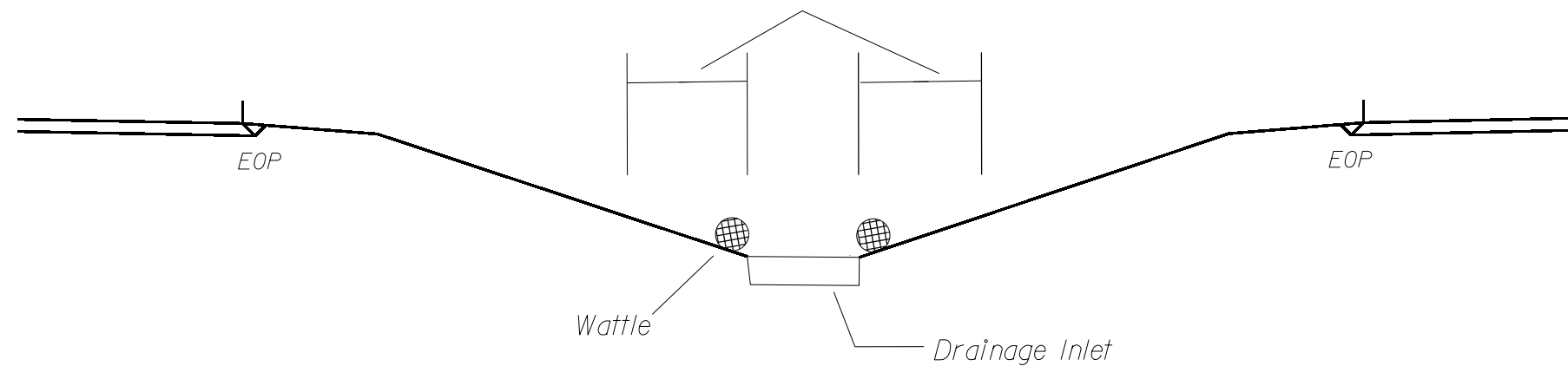
EROSION CONTROL DETAIL



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

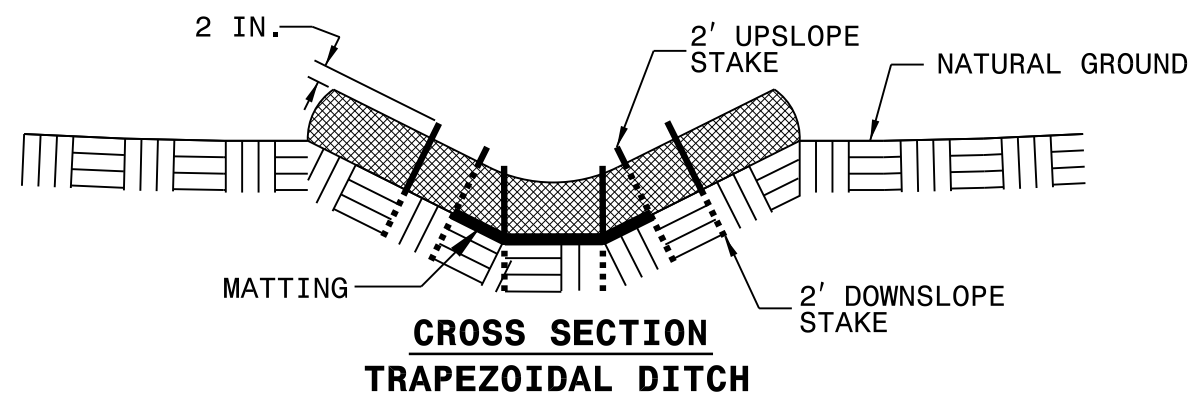
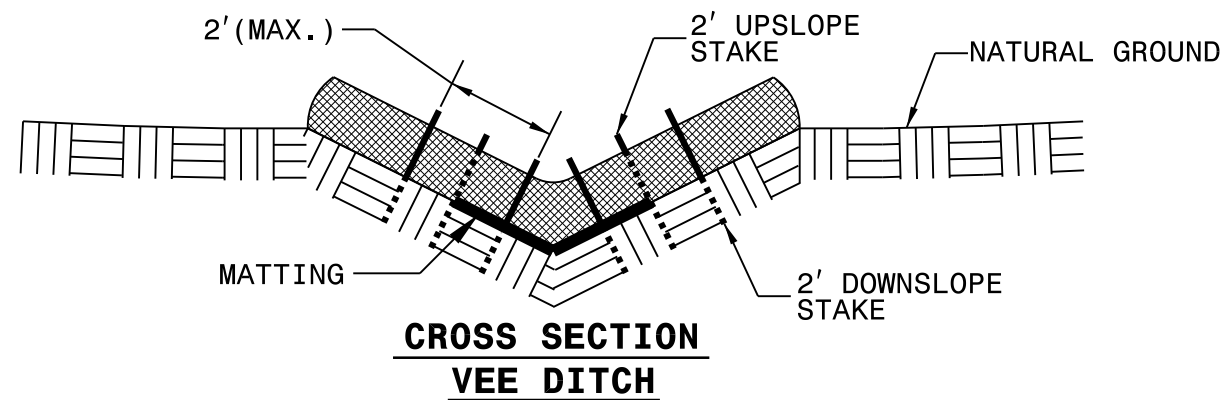
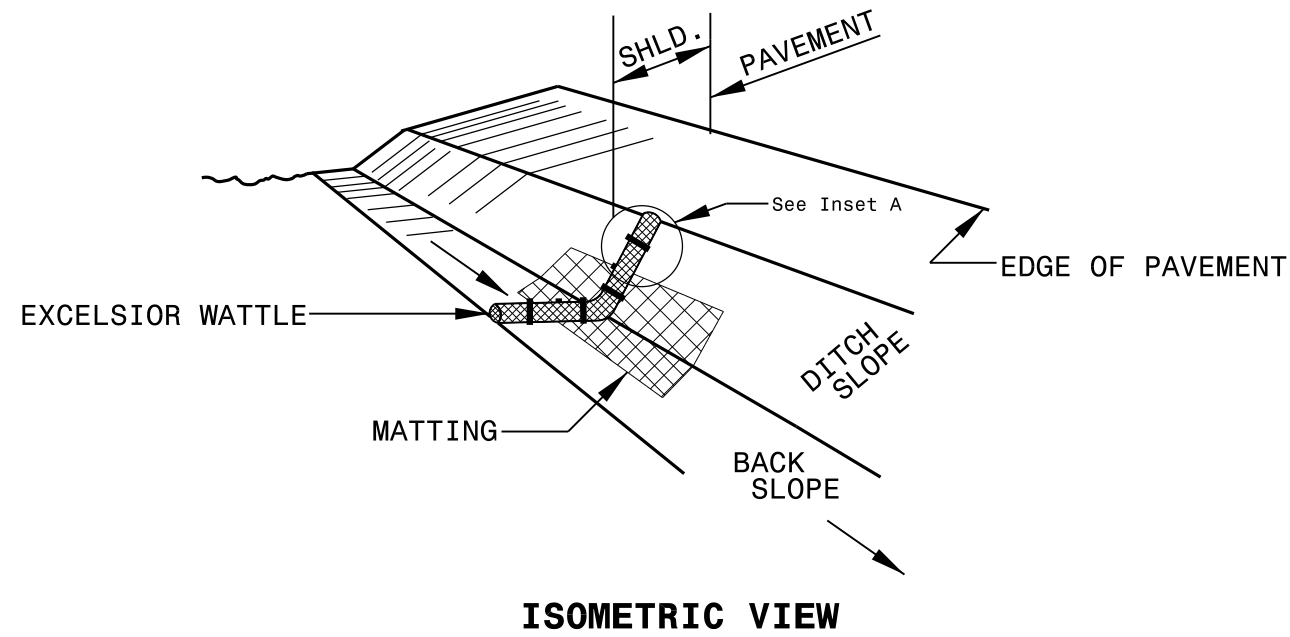


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

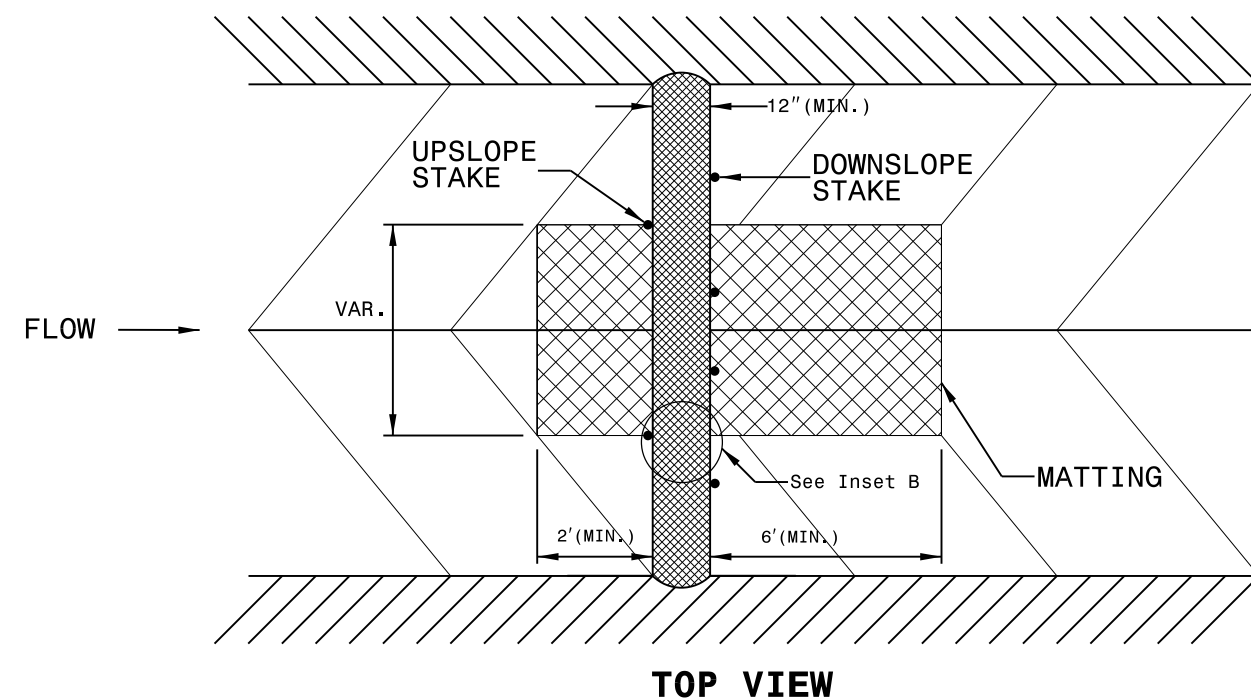
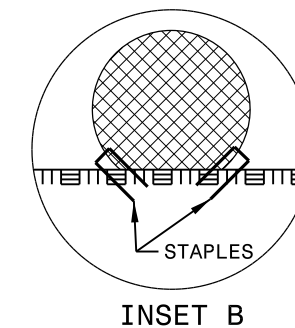
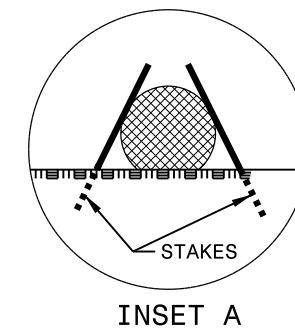
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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 Iir41
 D:\Resurfacing\Plan Sheets\3CR.20711.173. EC RESURF. 2015.dgn
 Date: 2/15/2015 10:41:10 AM
 User: jmc

PROJECT NO.	SHEET NO.
2023CPT.03.12.10101, 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	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1526000000-E						
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1.5" MILLING	1" MILLING	0" - 1.5" MILLING (GENERIC)	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5B SHORT OVERLAY	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	SURFACE COURSE, S4.75A				
												MI	FT	CY	TON	SMI	SY	SY	SY	SY	TON	TON	TON	TON	TON	TON		
2023CPT.03.12.20102	Brunswick	15	SR-1576 / LYNN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	18												74					
TOTAL FOR MAP NO. 15												0.12														74		
2023CPT.03.12.20102	Brunswick	16	SR-1577 / PINE GLEN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.13]	3	2	2WU	NO	NO	0.13	18												80					
TOTAL FOR MAP NO. 16												0.13														80		
2023CPT.03.12.20102	Brunswick	17	SR-1578 / CALHOUN DR SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.15]	3	2	2WU	NO	NO	0.15	18												93					
TOTAL FOR MAP NO. 17												0.15														93		
2023CPT.03.12.20102	Brunswick	18	SR-1579 / CAROL ST SE	FROM SR 1576 (LYNN ST. SE) TO END OF PAVEMENT [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	18												123					
TOTAL FOR MAP NO. 18												0.2														123		
2023CPT.03.12.20102	Brunswick	19	SR-1852 / ROBERT RUARK DR SE	FROM NC 211 (N. HOWE ST.) TO END OF MAINTENANCE [MP 0.00 - MP 1.32]	N/A	2	2WU	NO	NO	1.32	21												300					
TOTAL FOR MAP NO. 19												1.32													300			
TOTAL FOR PROJ NO. 2023CPT.03.12.20102												4.32													300			1,954
GRAND TOTAL																								300				
												12.67		1,218	510	16.70	3,920	434	203	1,178	3,967	300	25	6,967	20	1,954		
																	4,354				4,267							

PROJECT NO.	SHEET NO.
2023CPT.03.12.10101, Etc.	11

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	1575000000-E	1705500000-E	1880000000-E	2830000000-N	2845000000-N	3420000000-E	3435000000-N	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E		
												ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	LEVELING COURSE, S4.75A GENERIC	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	REMOVE & REPLACE EXISTING GUARDRAIL (GENERIC)	REMOVE & RESET GUARDRAIL END UNIT, TYPE TL-3 (GENERIC)	GUARDRAIL PREFAB ANCHOR POST (GENERIC)	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	
												MI	FT	TON	TON	TON	EA	EA	LF	EA	EA	LF	TON	TON	ACR
2023CPT.03.12.20102	Brunswick	15	SR-1576 / LYNN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	18	5													
TOTAL FOR MAP NO. 15											0.12		5												
2023CPT.03.12.20102	Brunswick	16	SR-1577 / PINE GLEN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.13]	3	2	2WU	NO	NO	0.13	18	6													
TOTAL FOR MAP NO. 16											0.13		6												
2023CPT.03.12.20102	Brunswick	17	SR-1578 / CALHOUN DR SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.15]	3	2	2WU	NO	NO	0.15	18	6													
TOTAL FOR MAP NO. 17											0.15		6												
2023CPT.03.12.20102	Brunswick	18	SR-1579 / CAROL ST SE	FROM SR 1576 (LYNN ST. SE) TO END OF PAVEMENT [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	18	9													
TOTAL FOR MAP NO. 18											0.2		9												
2023CPT.03.12.20102	Brunswick	19	SR-1852 / ROBERT RUARK DR SE	FROM NC 211 (N. HOWE ST.) TO END OF MAINTENANCE [MP 0.00 - MP 1.32]	N/A	2	2WU	NO	NO	1.32	21	30	200												
TOTAL FOR MAP NO. 19											1.32		30	200											
TOTAL FOR PROJ NO. 2023CPT.03.12.20102											4.32		170	247	10		1								
GRAND TOTAL											12.67		889	917	10	1	10	50	4	8	1,019	254	254	10.13	508
																			12						

PROJECT NO.	SHEET NO.
2023CPT.03.12.10101, Etc.	13

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	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E		
												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	INDUCTIVE LOOP SAWCUT		
												MI	FT	TON	SY	LF	LF	AC	LB	TON	EA	LF
2023CPT.03.12.20102	Brunswick	15	SR-1576 / LYNN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	18											
TOTAL FOR MAP NO. 15												0.12										
2023CPT.03.12.20102	Brunswick	16	SR-1577 / PINE GLEN ST SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.13]	3	2	2WU	NO	NO	0.13	18											
TOTAL FOR MAP NO. 16												0.13										
2023CPT.03.12.20102	Brunswick	17	SR-1578 / CALHOUN DR SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.15]	3	2	2WU	NO	NO	0.15	18											
TOTAL FOR MAP NO. 17												0.15										
2023CPT.03.12.20102	Brunswick	18	SR-1579 / CAROL ST SE	FROM SR 1576 (LYNN ST. SE) TO END OF PAVEMENT [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	18											
TOTAL FOR MAP NO. 18												0.2										
2023CPT.03.12.20102	Brunswick	19	SR-1852 / ROBERT RUARK DR SE	FROM NC 211 (N. HOWE ST.) TO END OF MAINTENANCE [MP 0.00 - MP 1.32]	N/A	2	2WU	NO	NO	1.32	21											
TOTAL FOR MAP NO. 19												1.32										
TOTAL FOR PROJ NO. 2023CPT.03.12.20102												4.32										
GRAND TOTAL												12.67		2.54	90	509	170	9.83	508	2.54	18	250

PROJECT NO.	SHEET NO.
2023CPT.03.12.10101, Etc.	15

THERMOPLASTIC AND PAINT QUANTITIES

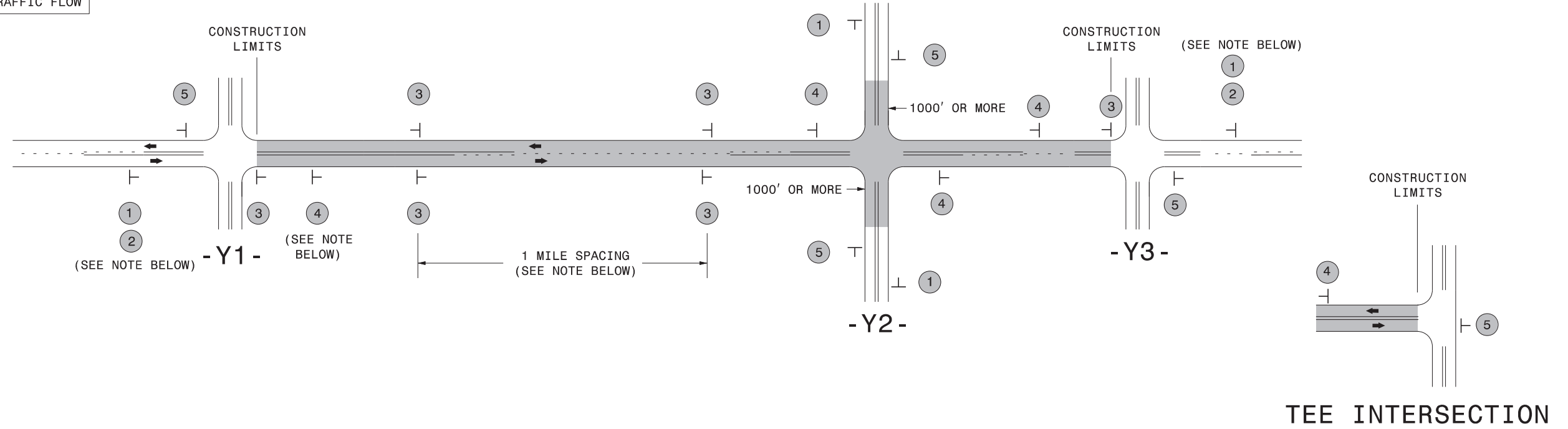
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24" X 90 MILS)	THERMO MSG ONLY (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO RT ARROW (90 MIL)	THERMO STR ARROW (90 MIL)	THERMO STR & LT ARROW (90 MIL)	4" WHITE PAINT	4" YELLOW PAINT	REMOVAL OF PAVEMENT MARKING LINES (4")	YELLOW & YELLOW MARKERS	NON CAST IRON SNOWPLOWABLE MARKERS (Y/Y)	NON CAST IRON SNOWPLOWABLE MARKERS (C/R)		
								MI	FT																			SF	LS
2023CPT.03.12.20102	Brunswick	17	SR-1578 / CALHOUN DR SE	FROM NC 87 (RIVER RD. SE) TO SR 1579 (CAROL ST. SE) [MP 0.00 - MP 0.15]	3	2	2WU	0.15	18																				
TOTAL FOR MAP NO. 17								0.15			0.01																		
2023CPT.03.12.20102	Brunswick	18	SR-1579 / CAROL ST SE	FROM SR 1576 (LYNN ST. SE) TO END OF PAVEMENT [MP 0.00 - MP 0.20]	3	2	2WU	0.2	18																				
TOTAL FOR MAP NO. 18								0.2			0.03																		
2023CPT.03.12.20102	Brunswick	19	SR-1852 / ROBERT RUARK DR SE	FROM NC 211 (N. HOWE ST.) TO END OF MAINTENANCE [MP 0.00 - MP 1.32]	N/A	2	2WU	1.32	21													10,000	10,000		40				
TOTAL FOR MAP NO. 19								1.32			0.08													10,000	10,000		40		
TOTAL FOR PROJ NO. 2023CPT.03.12.20102								4.32			0.37				6,758	5,827								10,000	10,000		85		
															12,585								20,000						
GRAND TOTAL								12.67			976	1	40	97,340	82,216	200	8	34	15	8	2		17,260	17,260	7,260	405	352	146	
														179,556					59			34,520			498				

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

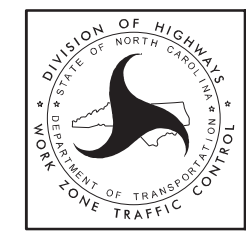
-Y- LINE SIGNING

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"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS 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" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p>
	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