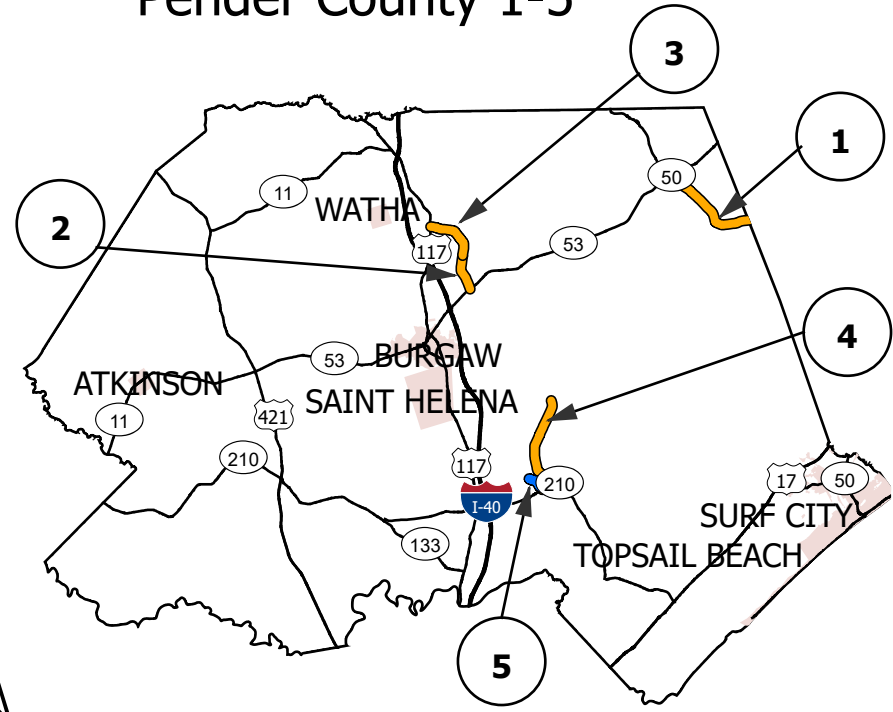
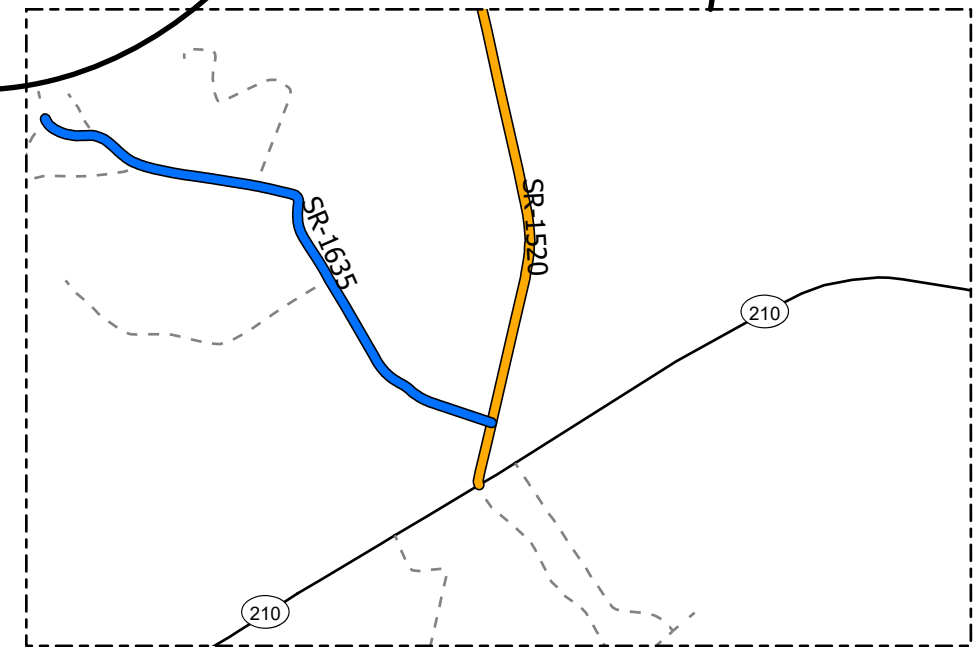
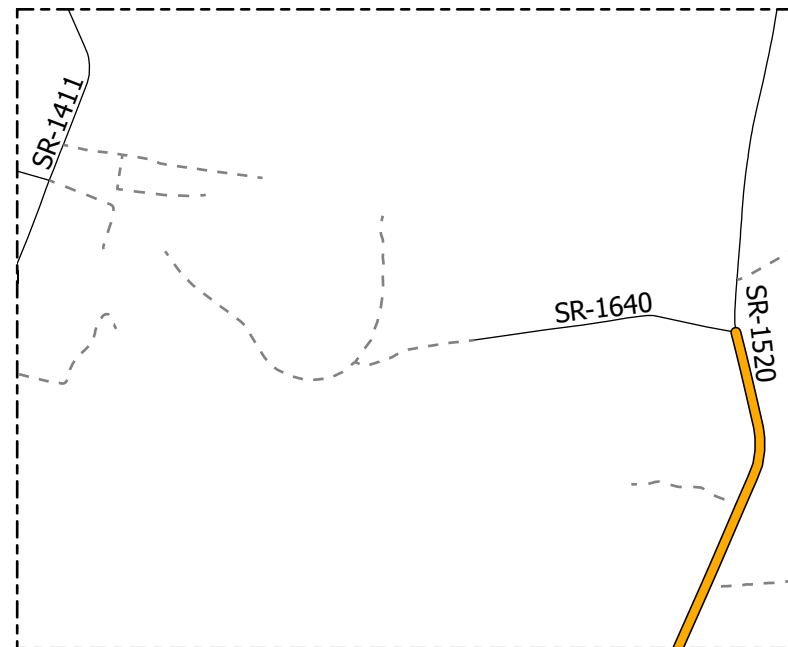
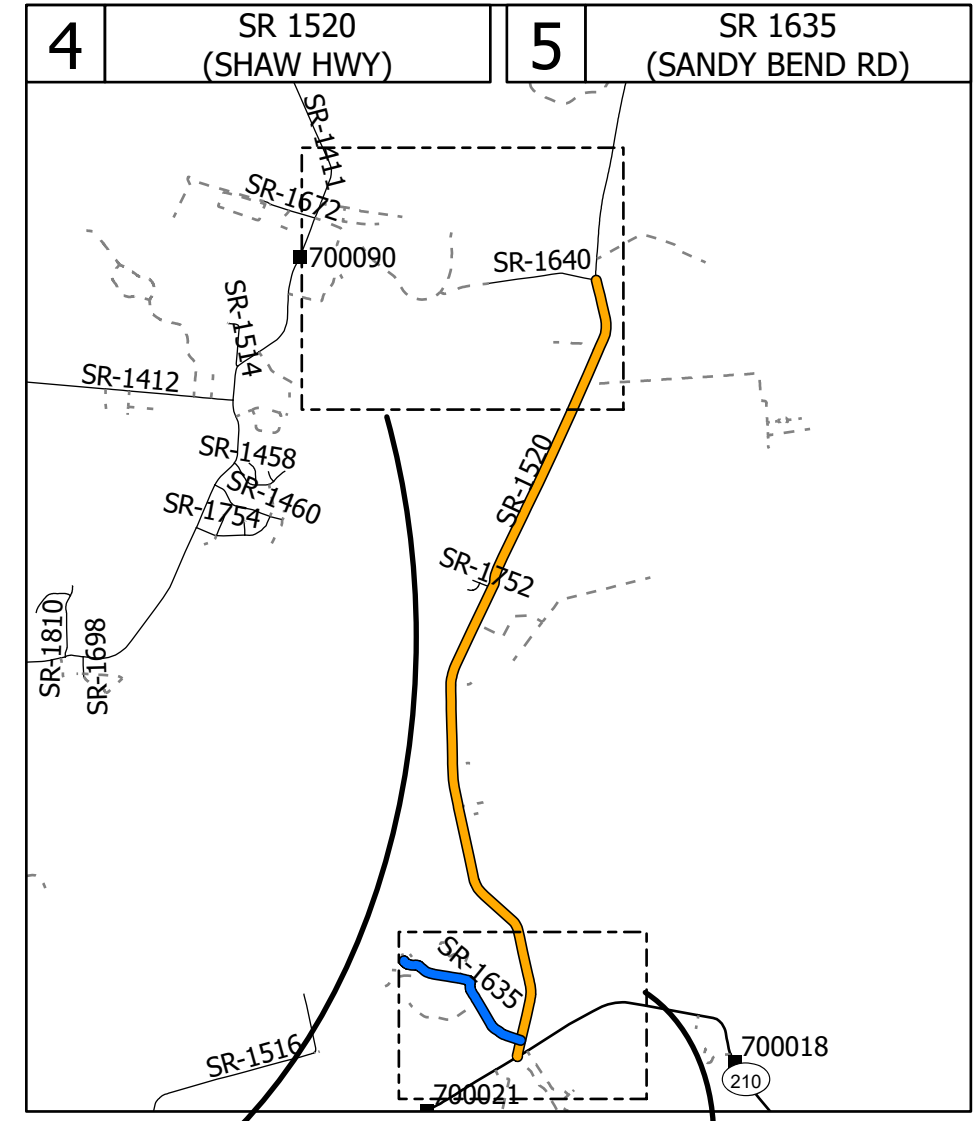
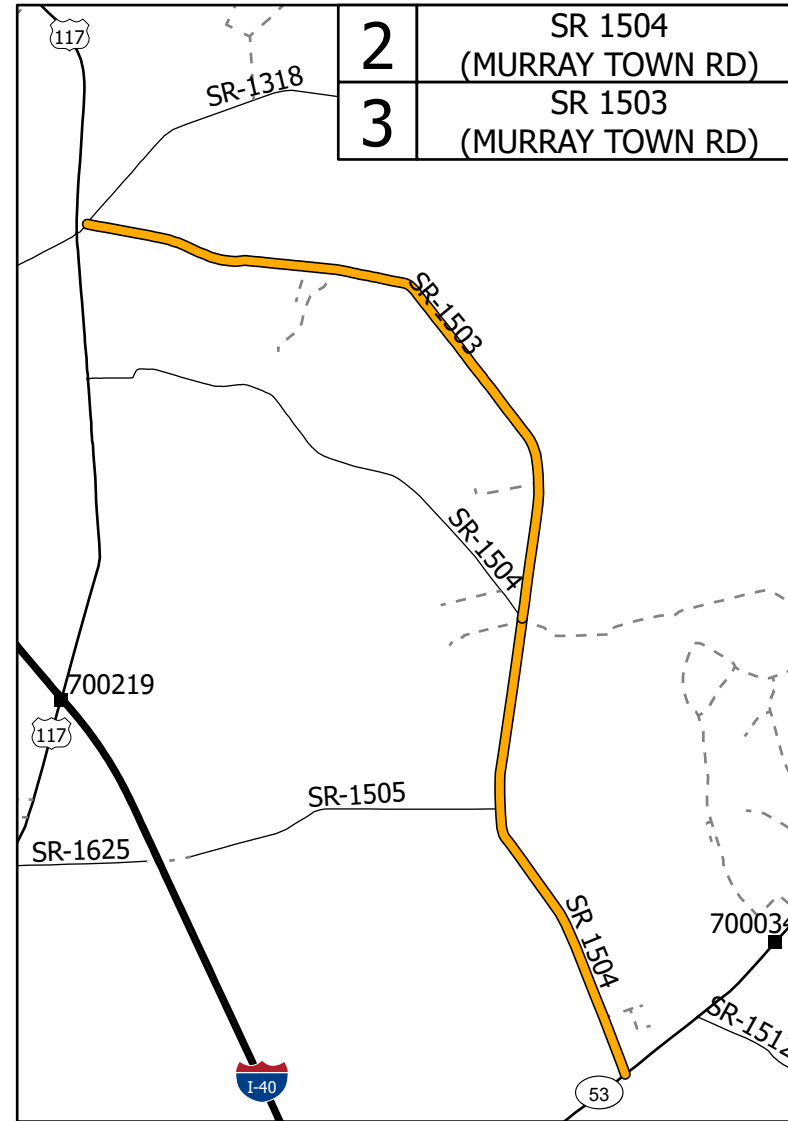
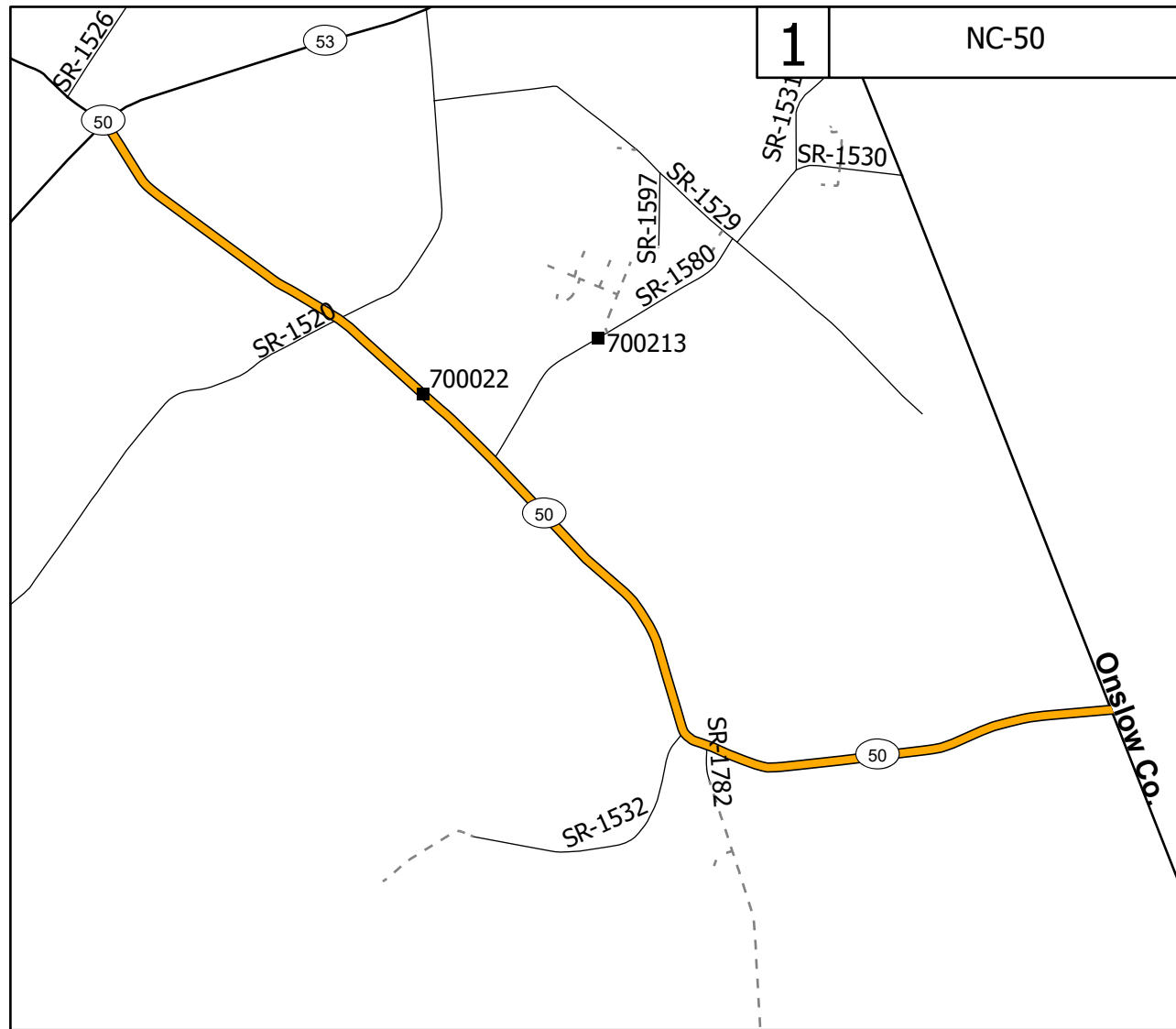


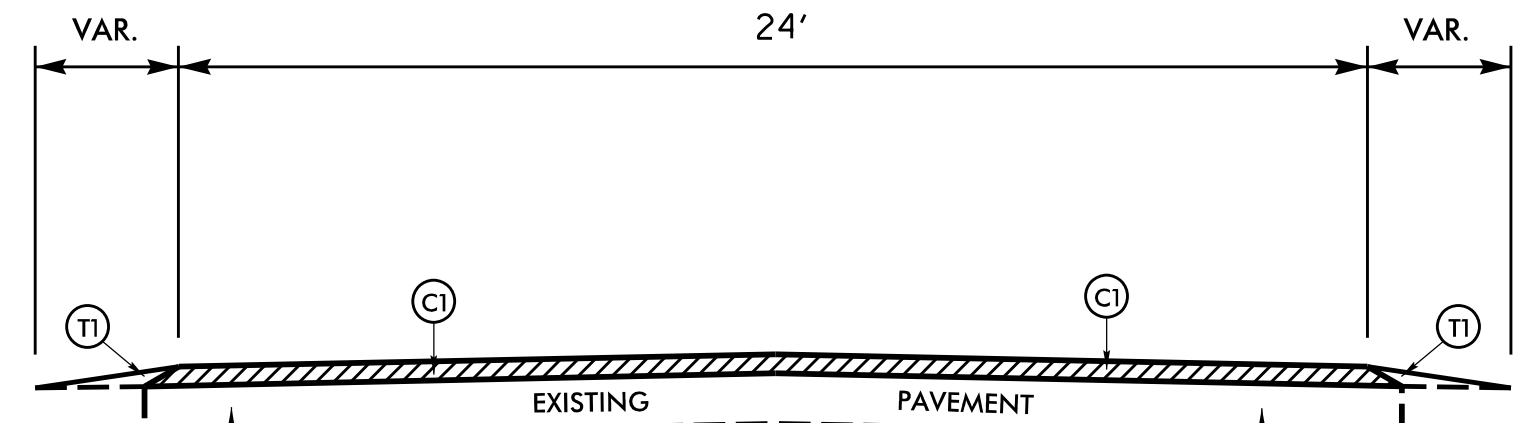
Pender County 1-5

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.03.05.10711, ETC.	1



- D3 Bridges
- Preservation Routes
- Resurfacing Routes
- Interstate
- US Route
- NC Route
- Secondary Route
- Non-System
- Other State Agency Route
- Federal Route
- Ramp
- Rest Area
- Non-System Ramp
- Non-Mainline
- Projected Route



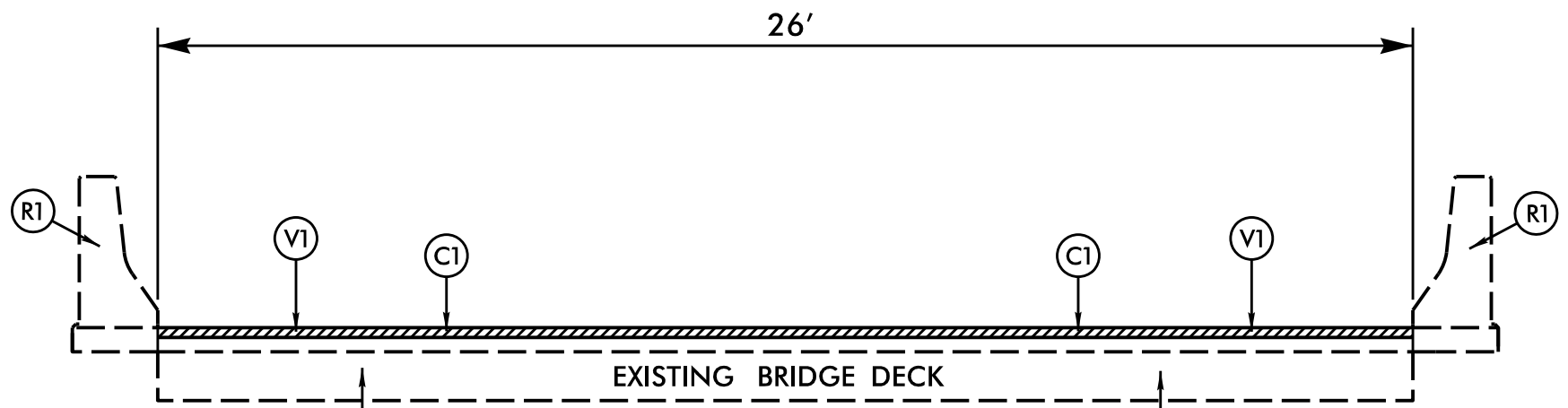


NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

TYPICAL SECTION NO. 1

NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

MAP NO. 1
NC 50
MP 26.39 – MP 29.65
MP 29.68 – MP 31.33



TYPICAL SECTION NO. 2

MAP NO. 1
NC 50
PENDER BRIDGE NO. 22
MP 29.65 – MP 29.68

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. 3/4" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 82.5 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	AGGREGATE SHOULDER BORROW (SHOULDER RECONSTRUCTION)
T2	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH

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

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

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

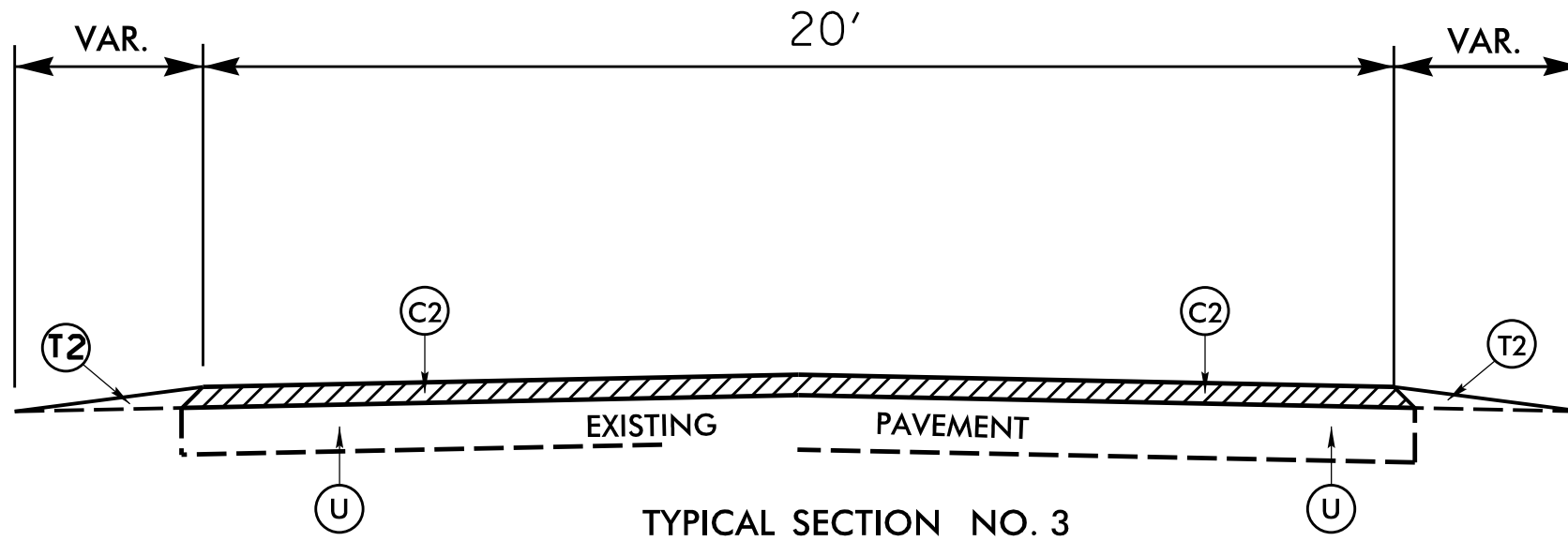
EFF. 01-16-2018
REV.

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

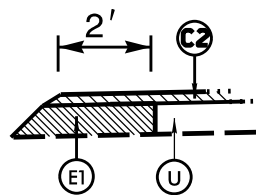
REVISIONS

8/17/99

SECTION 100
DRAWN: SJS
CHECKED: SJS
DATE: 8/17/99



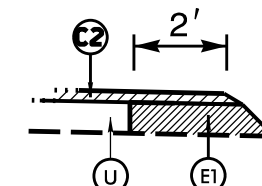
PAVEMENT SCHEDULE	
C2	1 1/2" S9.5B
C3	3/4" S4.75A
E1	5" B 25.0C
T2	EARTH MATERIAL SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT



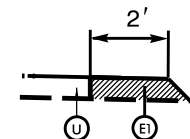
NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

MAP NO. 2
SR 1504 (MURRAY TOWN RD.)
MP 0.00 – MP 1.77

MAP NO. 3
SR 1503 (MURRAY TOWN RD.)
MP 0.00 – MP 2.55

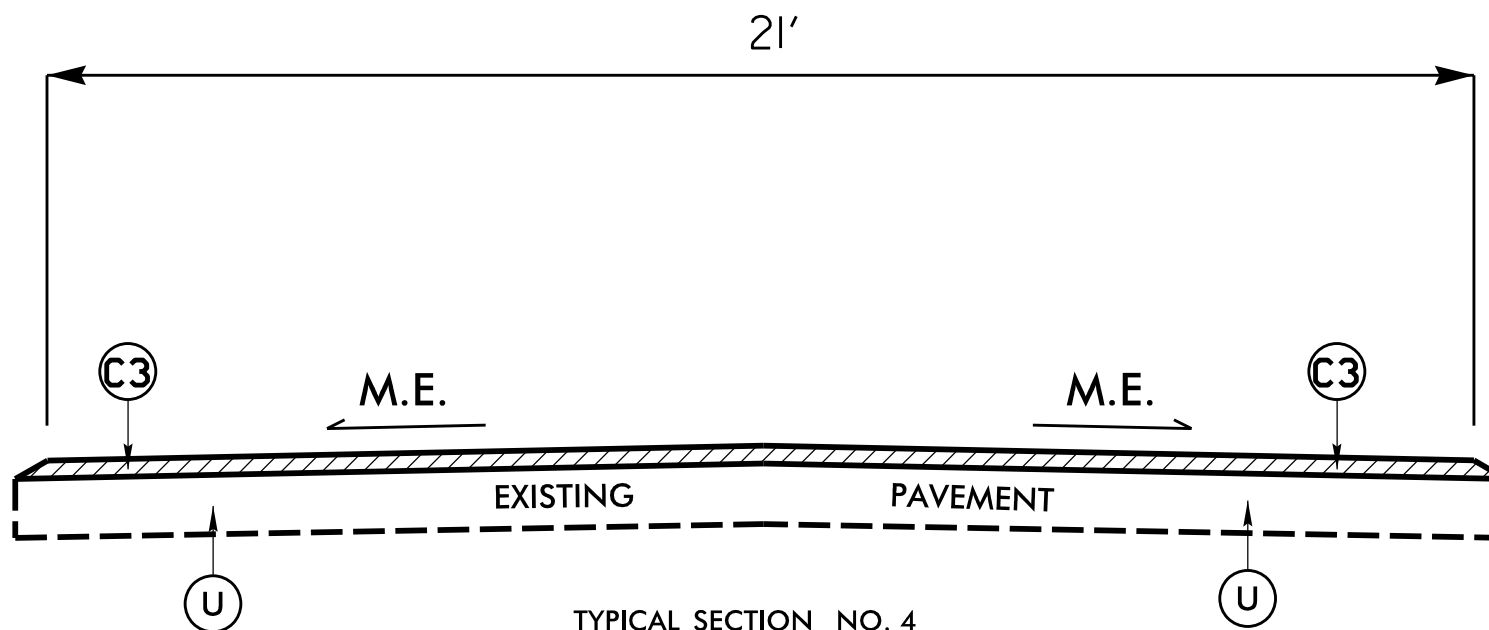


NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS



NOTE: STATE FORCES WILL MARK SPIRAL AND SYMMETRICAL WIDENING LOCATIONS

MAP NO. 4
SR 1520 (SHAW HWY.)
SYMMETRICAL WIDENING
MP 0.00 – MP 3.00
SPIRAL WIDENING
MP 4.38 – MP 4.55



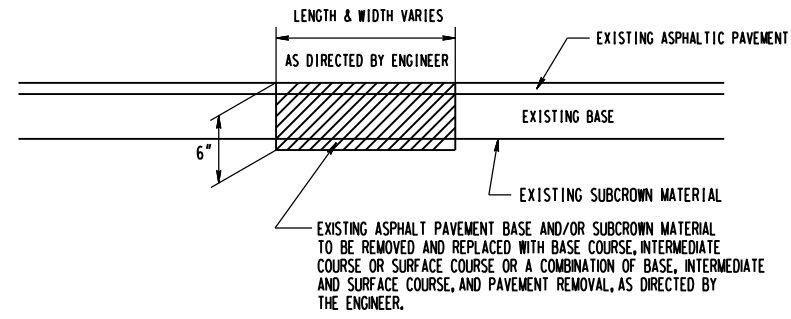
TYPICAL SECTION NO. 4

MAP NO. 5
SR 1635 (SANDY BEND RD.)
MP 0.00 – MP 0.86

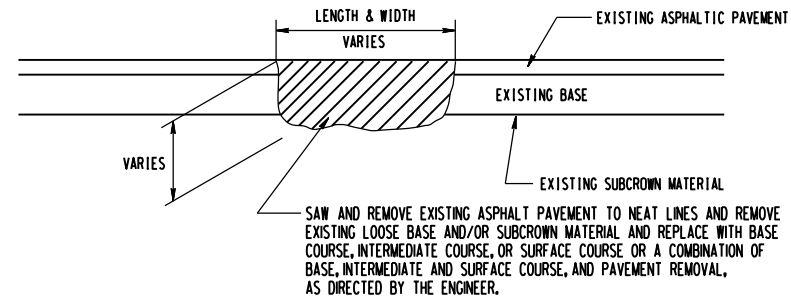
REVISIONS

SECTION NAME: SR 1504, SR 1503, SR 1520, SR 1635
DATE: 8/17/99

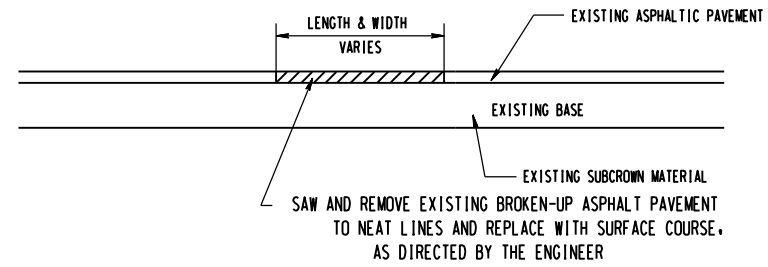
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



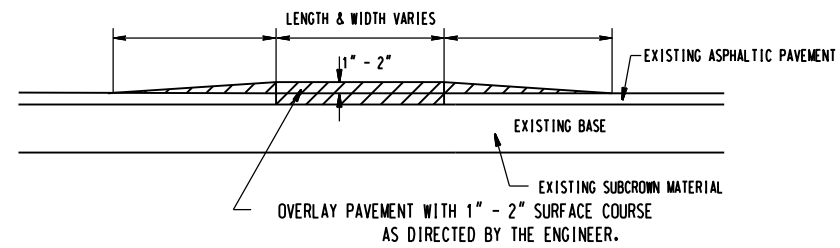
DETAIL NO. 1



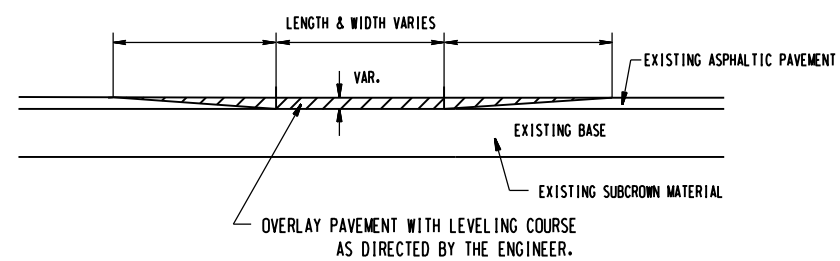
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

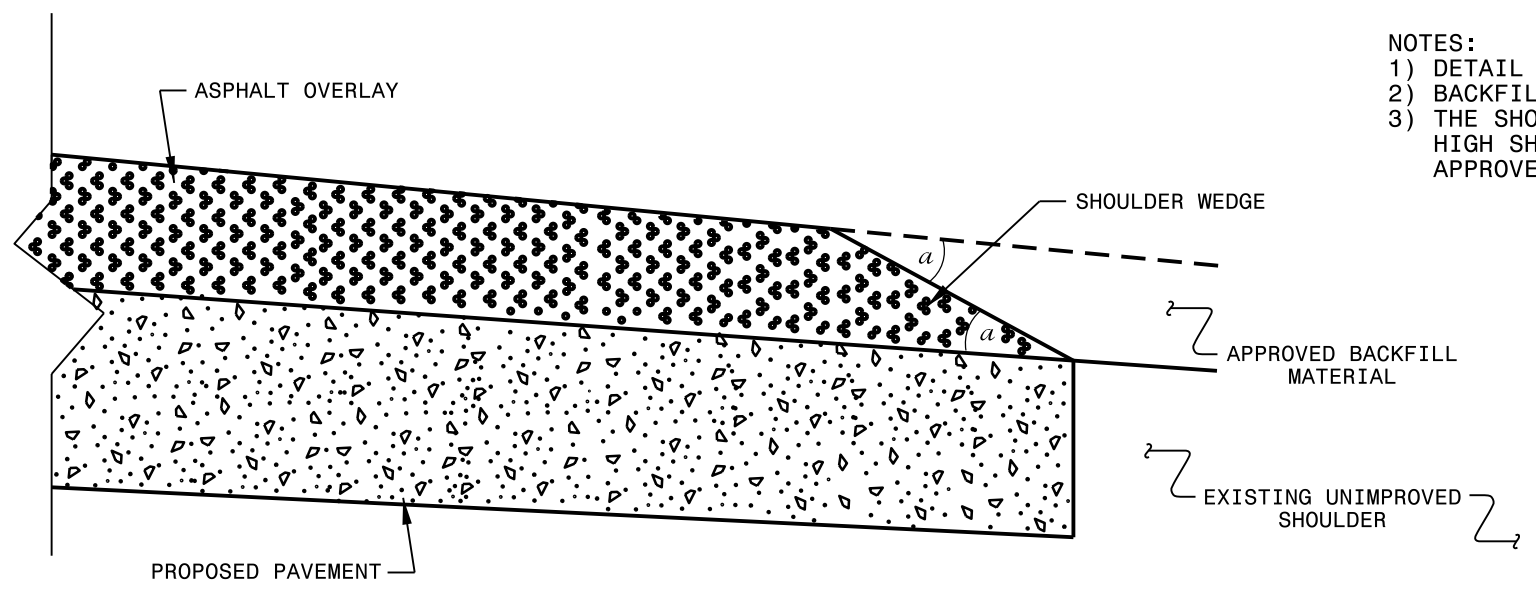


DETAIL NO. 5

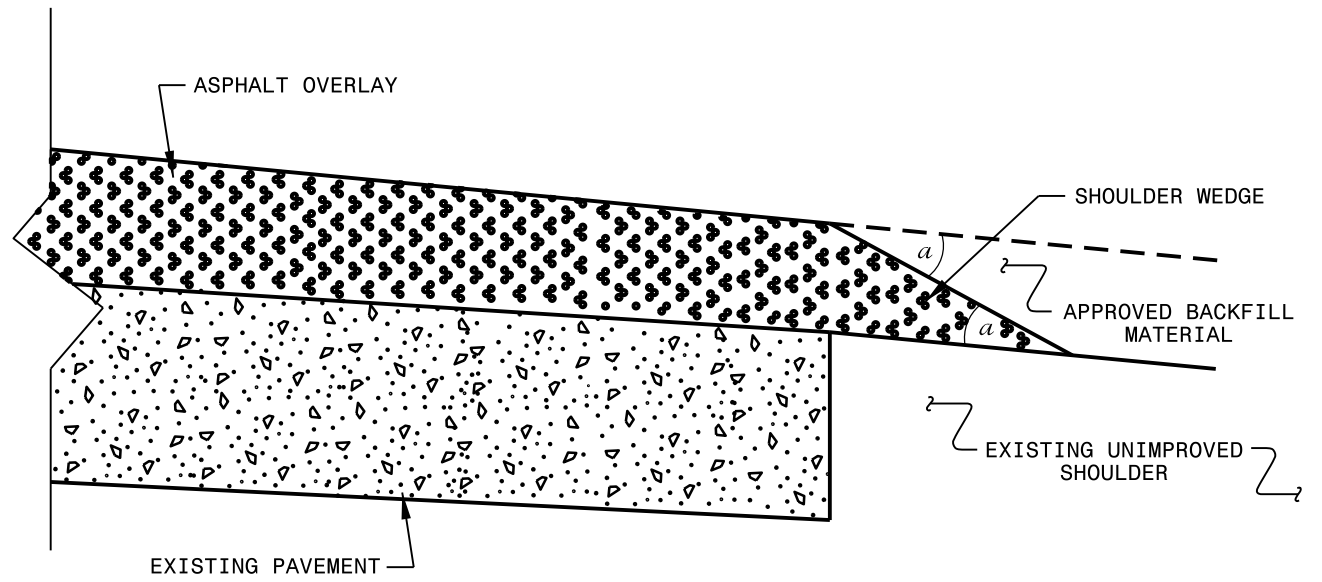
REVISIONS

20-APP-2015-1156
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 \$\$\$SUSFRNME\$\$\$

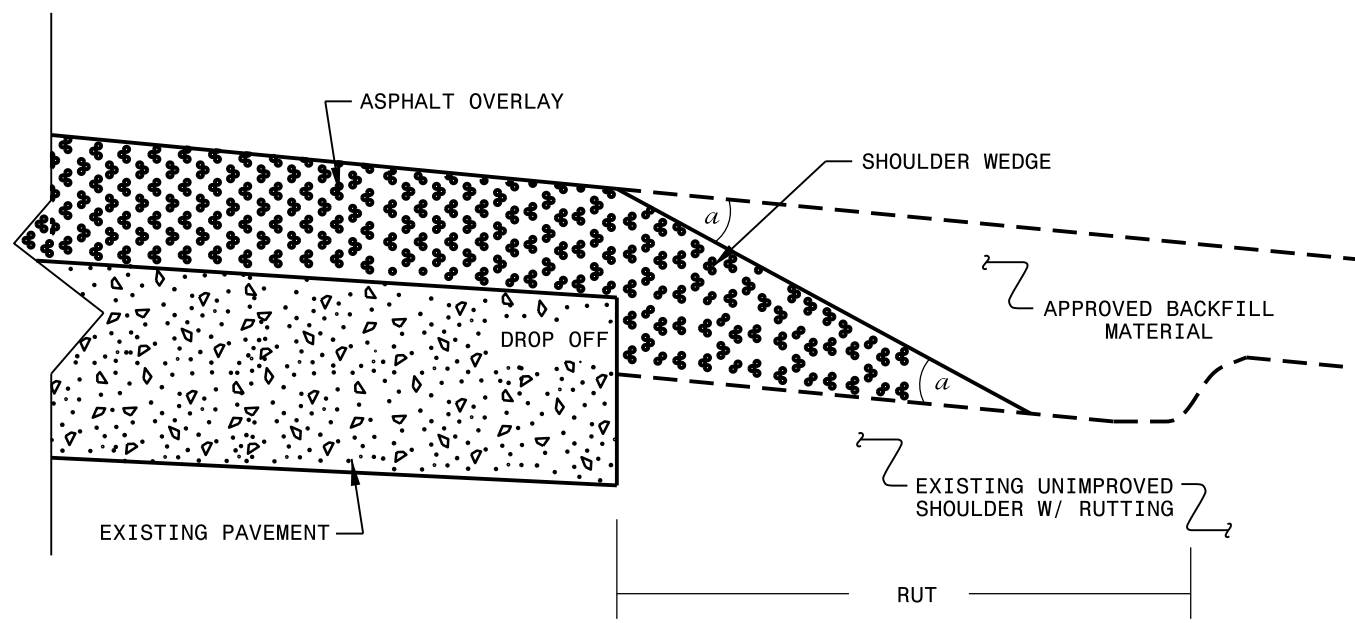
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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
 P:\porter_41_CSD_2018_05_25.dwg

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

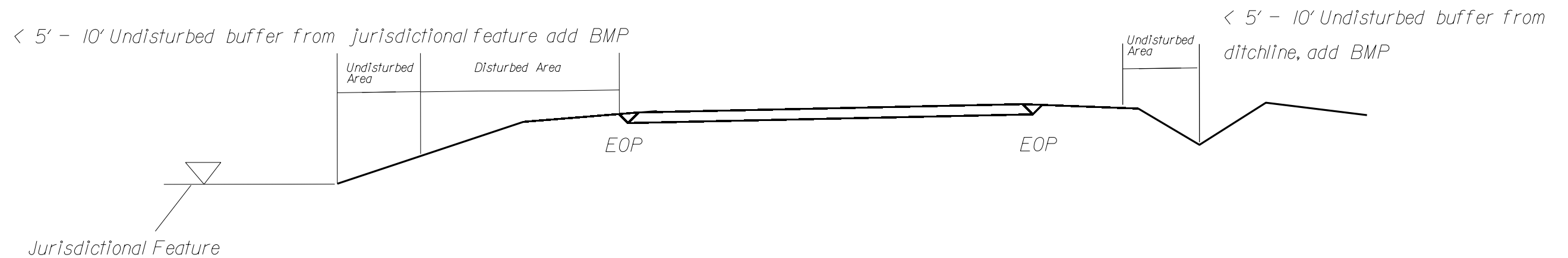
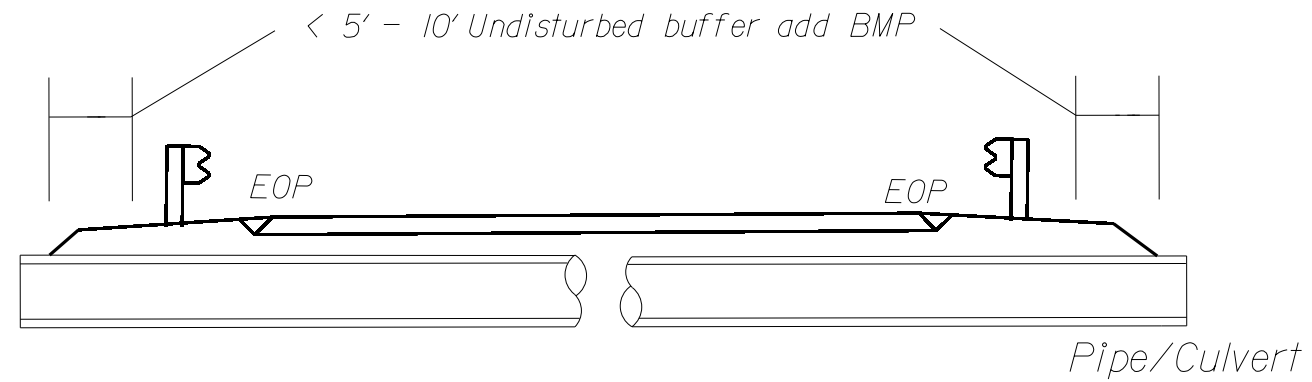
SOIL STABILIZATION TIMEFRAMES

<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

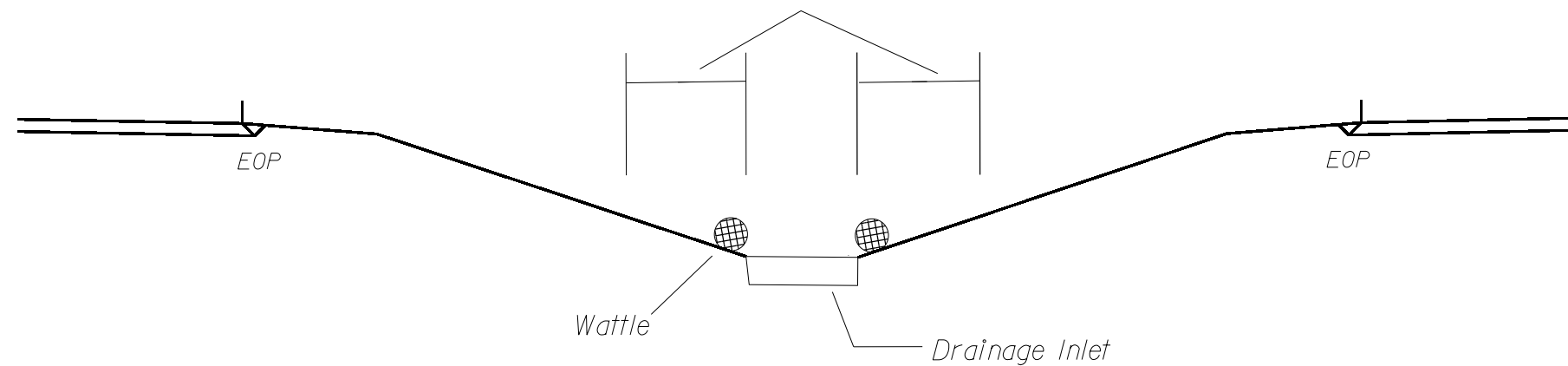
EROSION CONTROL DETAIL



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

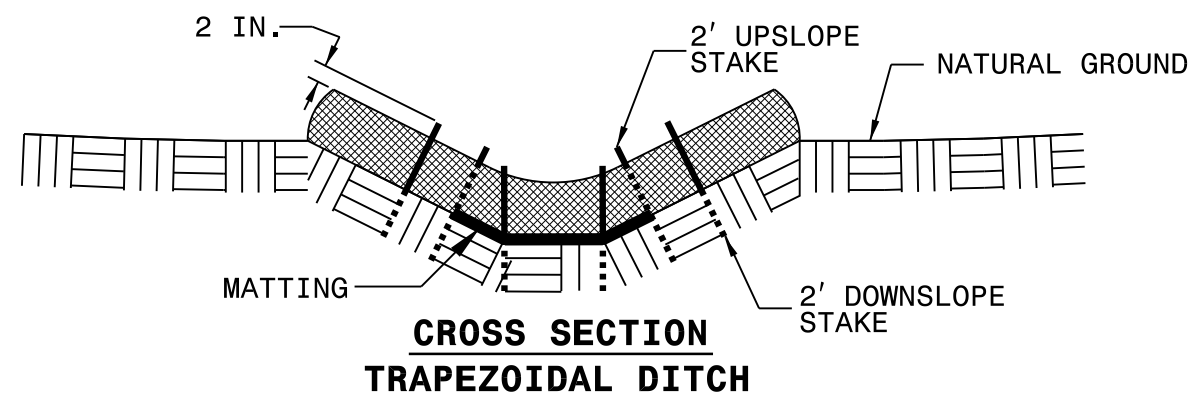
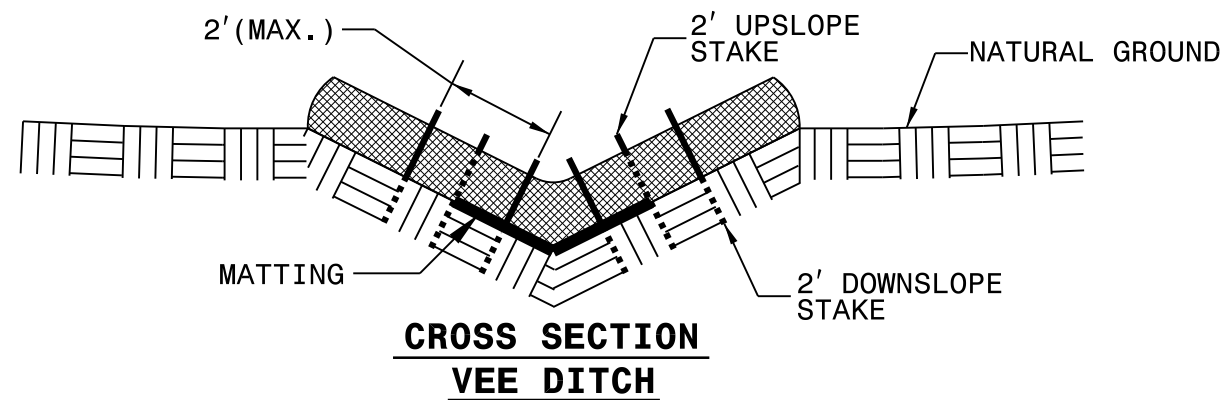
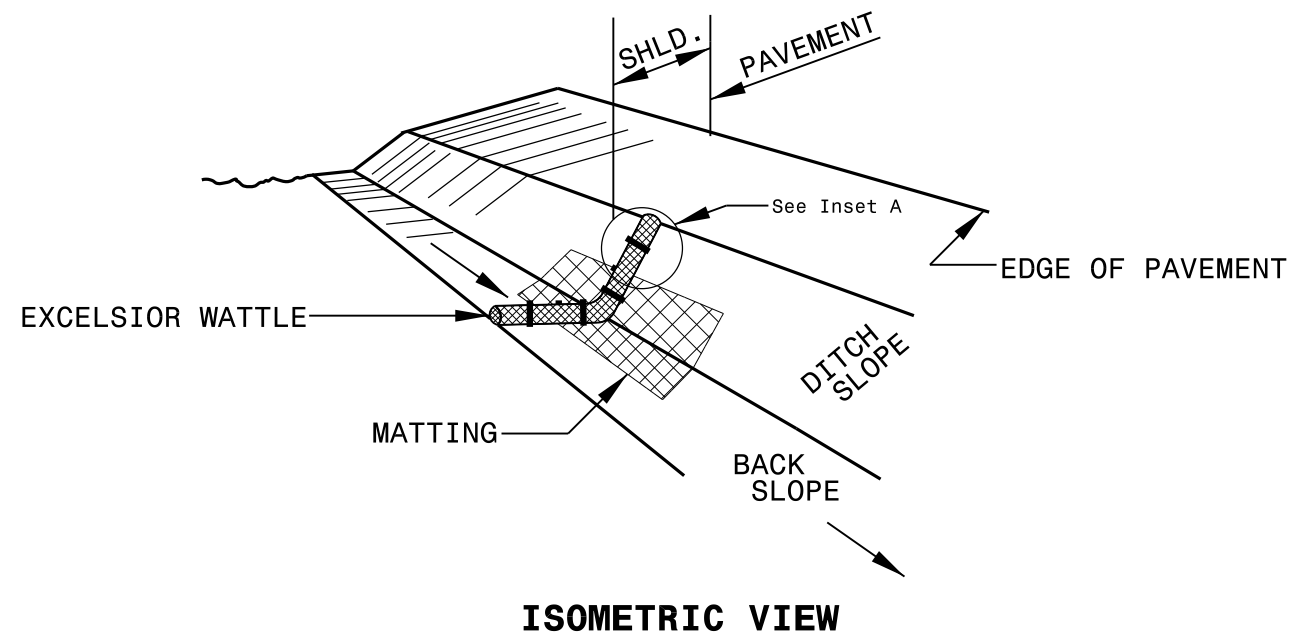


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

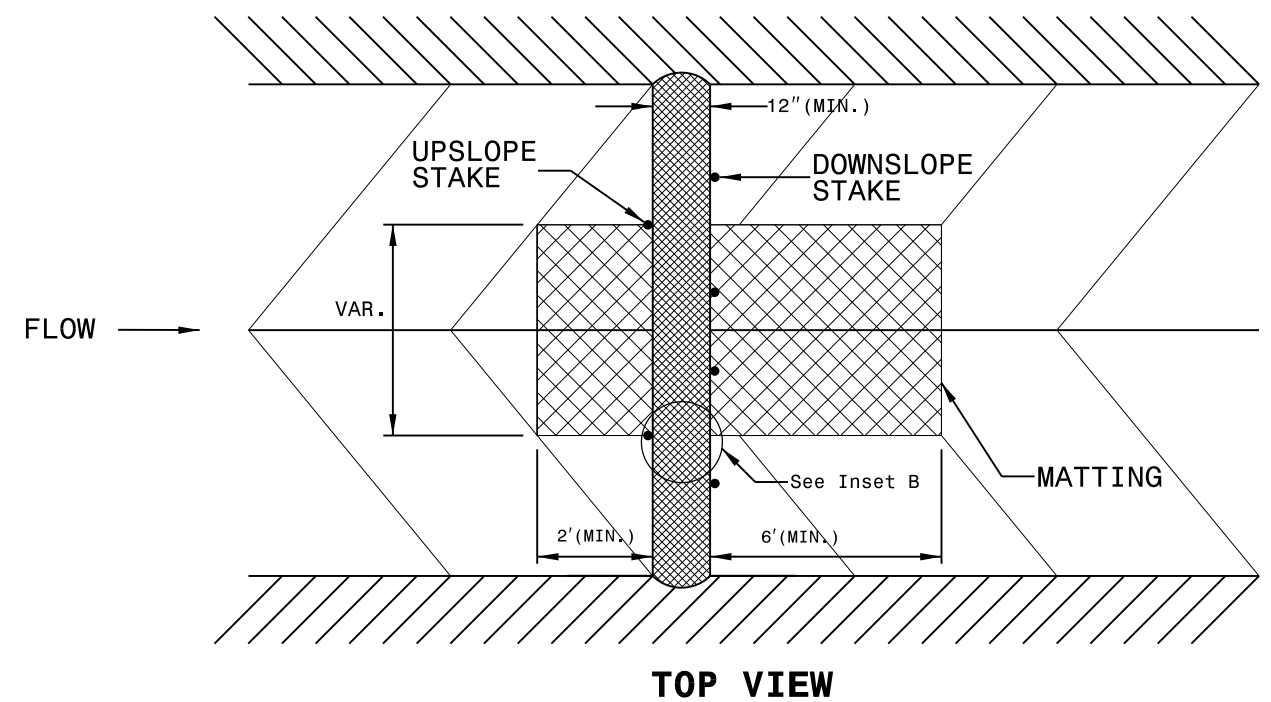
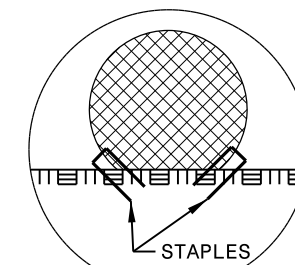
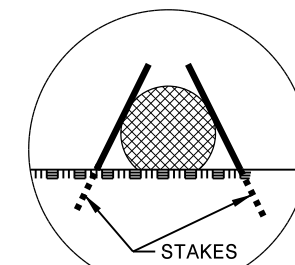
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



PROJECT NO.	SHEET NO.
2024CPT.03.05.10711, ETC.	6

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	1260000000-E	1297000000-E	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1526000000-E	1575000000-E	1705500000-E	2738000000-E	6000000000-E			
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1.5" MILLING	0" - 1.5" MILLING (GENERIC)	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	REMOVE AND REPLACE 5" MONOLITHIC CONCRETE ISLANDS (GENERIC)	TEMPORARY SILT FENCE			
												MI	FT	CY	TON	SMI	TON	SY	SY	SY	TONS	TON	TON	TON	TON	TON	TON	SY	LF		
2024CPT.03.05.10711	Pender	1	NC-50	FROM ONSLOW CO. LINE TO NC 53 (BURGAW HWY.) [MP 26.39 - MP 31.33]	1,2	2	2WU	NO	NO	4.94	24		240	9.88	2,470	493	46	530	236			6,387	50		400	60	40	494			
TOTAL FOR MAP NO. 1												4.94			240	9.88	2,470	493	46	530	236			6,387	50		400	60	40	494	
TOTAL FOR PROJ NO. 2024CPT.03.05.10711												4.94			240	9.88	2,470	493	46	530	236			6,387	50		400	60	40	494	
2024CPT.03.05.20711	Pender	2	SR-1504 / MURRAY TOWN RD	FROM NC HWY. 53 TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 1.77]	3	2	2WU	NO	NO	1.77	20	270	80	3.54				229	138	1,827	20				136	120		177			
TOTAL FOR MAP NO. 2												1.77			270	80	3.54			229	138	1,827	20			136	120		177		
2024CPT.03.05.20711	Pender	3	SR-1503 / MURRAY TOWN RD	FROM SR 1318 (CROOMS BRIDGE RD.) TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 2.55]	3	2	2WU	NO	NO	2.55	20	390	120	5.10				112	301	2,648	40				200	125		255			
TOTAL FOR MAP NO. 3												2.55			390	120	5.10			112	301	2,648	40			200	125		255		
2024CPT.03.05.20711	Pender	4	SR-1520 / SHAW HWY	FROM NC 210 TO .17 MI. S. SR 1640 (CARL MEEKS RD.) [MP 0.00 - MP 3.00]		2	2WU	NO	NO	4.55	4			6.00	180				2,030						91			100			
TOTAL FOR MAP NO. 4												4.55				6.00	180				2,030				91			100			
TOTAL FOR PROJ NO. 2024CPT.03.05.20711												8.87			660	200	14.64	180		341	2,469	4,475	60			427	245		532		
2024CPT.03.05.20712	Pender	5	SR-1635 / SANDY BEND RD	FROM SR 1520 (SHAW HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.86]	4	2	2WU	NO	NO	0.86	21													467	36	60					
TOTAL FOR MAP NO. 5												0.86													467	36	60				
TOTAL FOR PROJ NO. 2024CPT.03.05.20712												0.86													467	36	60				
GRAND TOTAL												14.67			660	440	24.52	2,650	493	46	871	2,705	4,475	60	6,387	50	467	863	365	40	1,026

PROJECT NO.	SHEET NO.
2024CPT.03.05.10711, ETC.	7

SUMMARY OF QUANTITIES

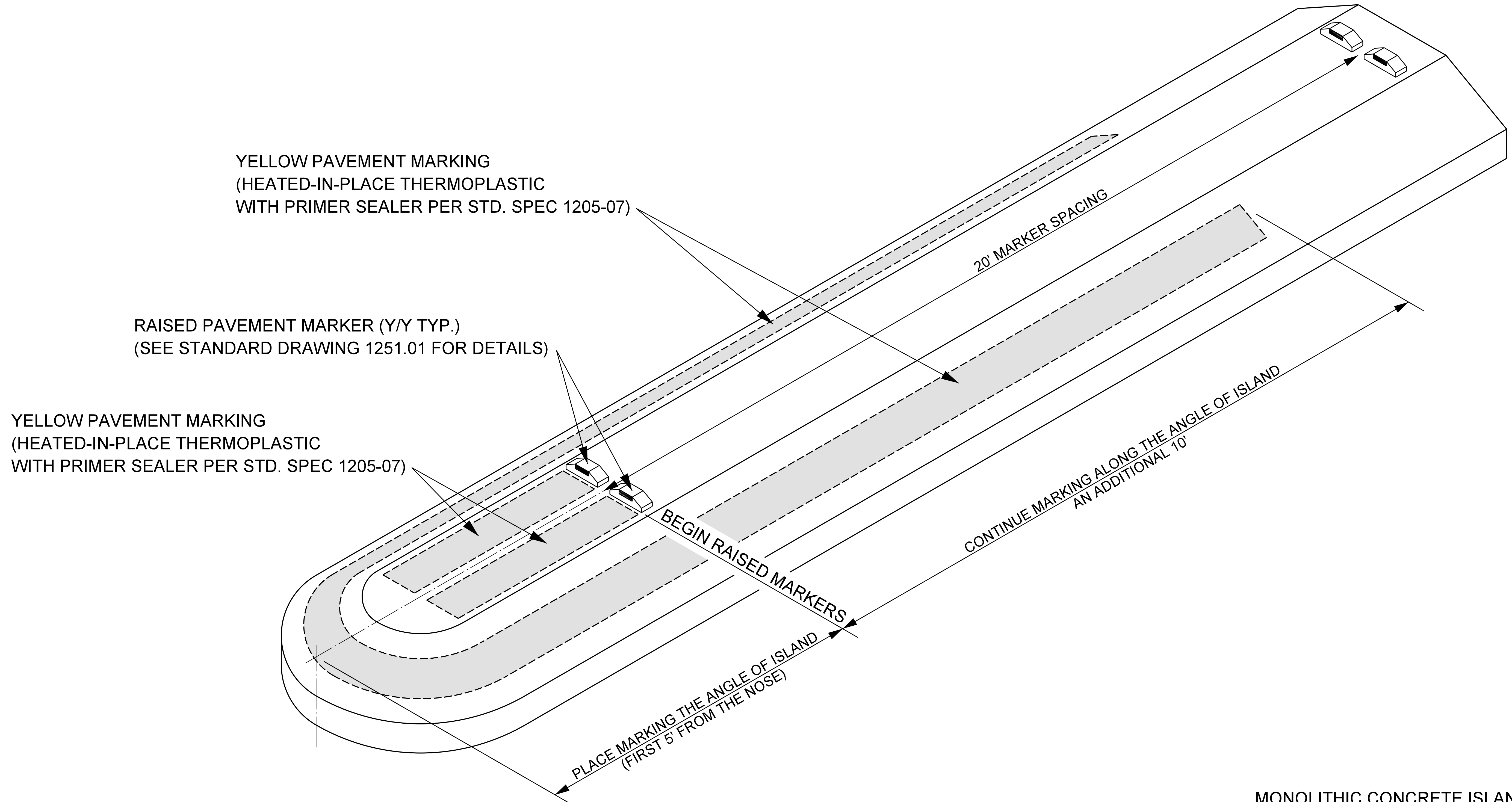
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	6117500000-N	7444000000-E								
												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	CONCRETE WASHOUT STRUCTURE	INDUCTIVE LOOP SAWCUT								
												MI	FT	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	EA	LF						
2024CPT.03.05.10711	Pender	1	NC-50	FROM ONSLOW CO. LINE TO NC 53 (BURGAW HWY.) [MP 26.39 - MP 31.33]	1,2	2	2WU	NO	NO	4.94	24	124	124	4.94	247	1.24	40	247	80	4.79	247	1.24	10	1	160								
TOTAL FOR MAP NO. 1												4.94				4.94	247	1.24	40	247	80	4.79	247	1.24	10	1	160						
TOTAL FOR PROJ NO. 2024CPT.03.05.10711												4.94				4.94	247	1.24	40	247	80	4.79	247	1.24	10	1	160						
2024CPT.03.05.20711	Pender	2	SR-1504 / MURRAY TOWN RD	FROM NC HWY. 53 TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 1.77]	3	2	2WU	NO	NO	1.77	20	44	44	1.77	89	0.44	20	100	30	1.72	89	0.44	4										
TOTAL FOR MAP NO. 2												1.77				1.77	89	0.44	20	100	30	1.72	89	0.44	4								
2024CPT.03.05.20711	Pender	3	SR-1503 / MURRAY TOWN RD	FROM SR 1318 (CROOMS BRIDGE RD.) TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 2.55]	3	2	2WU	NO	NO	2.55	20	64	64	2.55	128	0.64	20	128	40	2.47	128	0.64	6										
TOTAL FOR MAP NO. 3												2.55				2.55	128	0.64	20	128	40	2.47	128	0.64	6								
2024CPT.03.05.20711	Pender	4	SR-1520 / SHAW HWY	FROM NC 210 TO .17 MI. S. SR 1640 (CARL MEEKS RD.) [MP 0.00 - MP 3.00]		2	2WU	NO	NO	4.55	4	20	20	0.67	34	0.17	10	40	20	0.65	34	0.17	2										
TOTAL FOR MAP NO. 4												4.55				4.55	20	0.67	34	0.17	10	40	20	0.65	34	0.17	2						
TOTAL FOR PROJ NO. 2024CPT.03.05.20711												8.87				8.87	128	1.28	499	251	1.25	50	268	90	4.84	251	1.25	12					
2024CPT.03.05.20712	Pender	5	SR-1635 / SANDY BEND RD	FROM SR 1520 (SHAW HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.86]	4	2	2WU	NO	NO	0.86	21																						
TOTAL FOR MAP NO. 5												0.86				0.86																	
TOTAL FOR PROJ NO. 2024CPT.03.05.20712												0.86				0.86																	
GRAND TOTAL												14.67				14.67	252	2.52	9.93	498	2.49	90	515	170	9.63	498	2.49	22	1	160			

PROJECT NO.	SHEET NO.
2024CPT.03.05.10711, ETC.	8

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4510000000-N	4685000000-E		4810000000-E	4900000000-N	4905100000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" WHITE PAINT	YELLOW & YELLOW MARKERS	NON CAST IRON SNOWPLOWABLE MARKERS (Y/Y)
								MI	FT	SF	LS	HR	LF	LF	LF	EA	EA
2024CPT.03.05.10711	Pender	1	NC-50	FROM ONSLOW CO. LINE TO NC 53 (BURGAW HWY.) [MP 26.39 - MP 31.33]	1	2	2WU	4.94	24	560	0.34	40	53,154	39,866		16	330
TOTAL FOR MAP NO. 1								4.94		560	0.34	40	53,154	39,866		16	330
TOTAL FOR PROJ NO. 2024CPT.03.05.10711								4.94		560	0.34	40	53,154	39,866		16	330
													93,020		16		
2024CPT.03.05.20711	Pender	2	SR-1504 / MURRAY TOWN RD	FROM NC HWY. 53 TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 1.77]	2	2	2WU	1.77	20	208	0.15		18,692	14,018		117	
TOTAL FOR MAP NO. 2								1.77		208	0.15		18,692	14,018		117	
2024CPT.03.05.20711	Pender	3	SR-1503 / MURRAY TOWN RD	FROM SR 1318 (CROOMS BRIDGE RD.) TO SR 1504 (MURPHY RD.) [MP 0.00 - MP 2.55]	2	2	2WU	2.55	20	288	0.19		27,438	20,579		170	
TOTAL FOR MAP NO. 3								2.55		288	0.19		27,438	20,579		170	
2024CPT.03.05.20711	Pender	4	SR-1520 / SHAW HWY	FROM NC 210 TO .17 MI. S. SR 1640 (CARL MEEKS RD.) [MP 0.00 - MP 3.00]	3	2	2WU	4.55	4	528	0.30				63,360		
TOTAL FOR MAP NO. 4								4.55		528	0.30				63,360		
TOTAL FOR PROJ NO. 2024CPT.03.05.20711								8.87		1,024	0.64		46,130	34,597	63,360	287	
													80,727				
2024CPT.03.05.20712	Pender	5	SR-1635 / SANDY BEND RD	FROM SR 1520 (SHAW HWY.) TO END OF MAINTENANCE [MP 0.00 - MP 0.86]	3	2	2WU	0.86	21		0.02						
TOTAL FOR MAP NO. 5								0.86			0.020						
TOTAL FOR PROJ NO. 2024CPT.03.05.20712								0.86			0.020						
GRAND TOTAL								14.67		1,584	1	40	99,284	74,463	63,360	303	330
													173,747				

CONCRETE ISLAND PAVEMENT MARKING & MARKER DETAIL



(DRAWING NOT TO SCALE)

MONOLITHIC CONCRETE ISLAND
(SEE STANDARD DRAWINGS 852.01,
852.02, & 852.06 FOR DETAILS.)

FIGURE 1

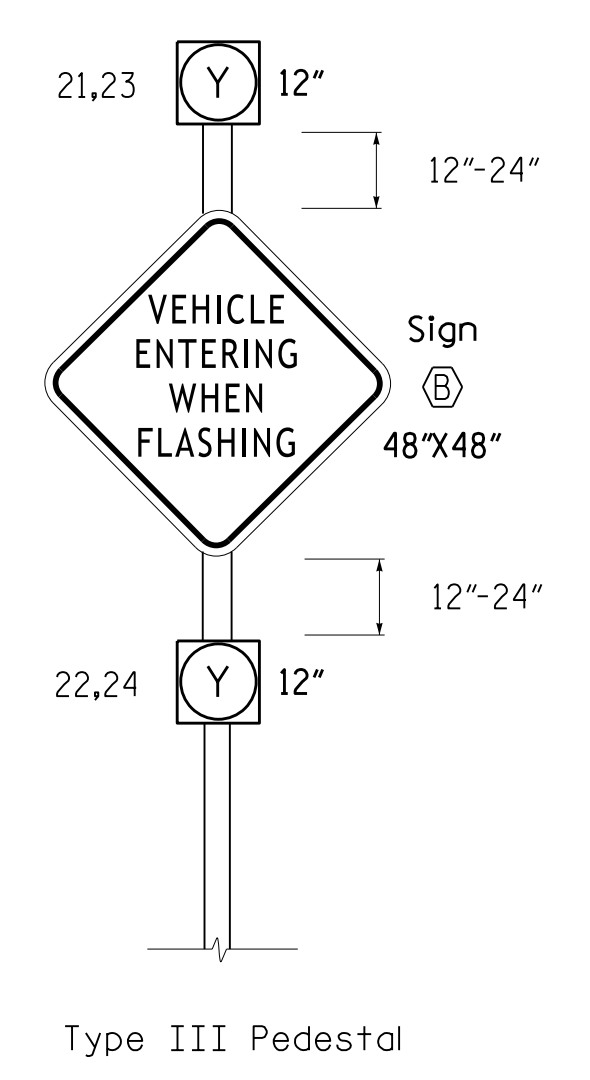
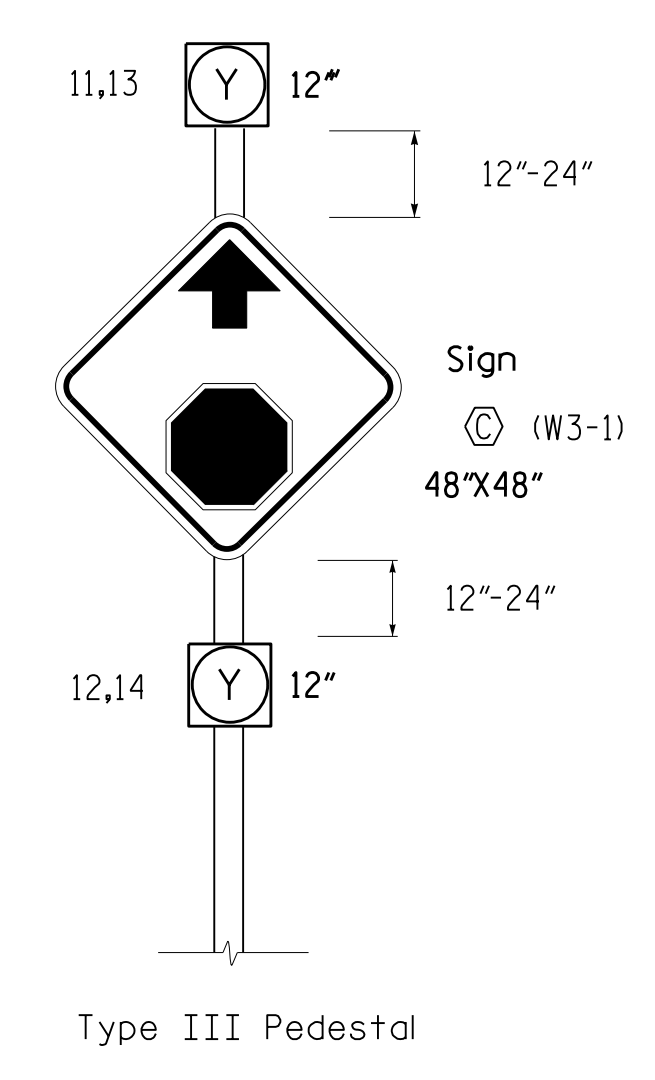


FIGURE 2



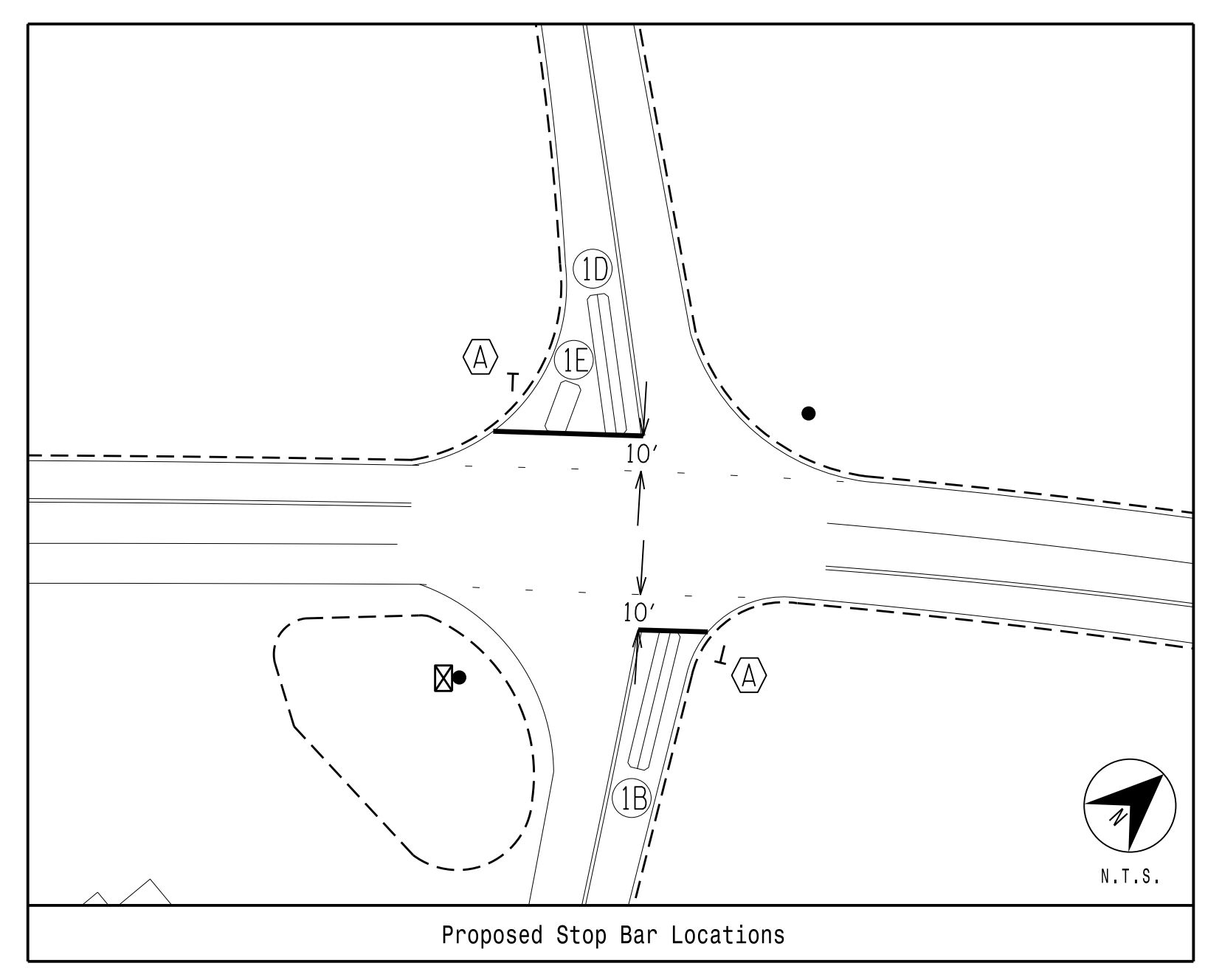
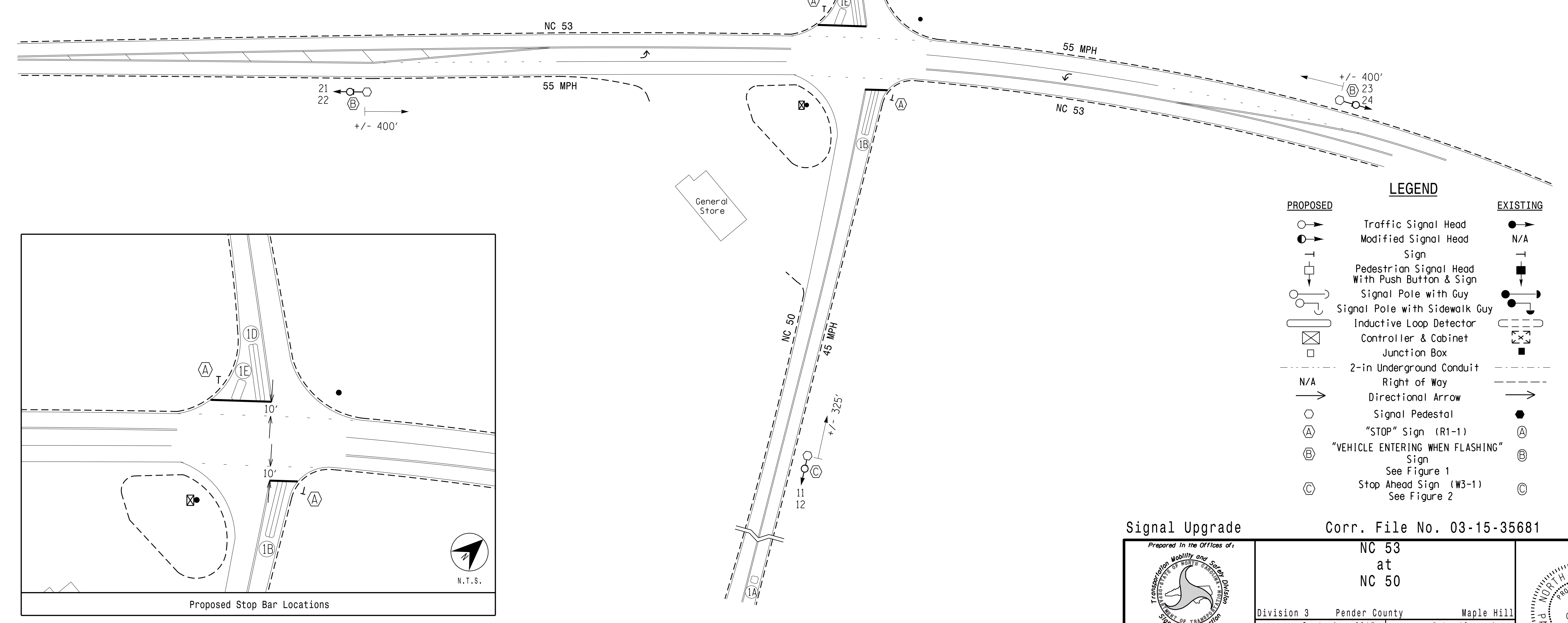
SIGNAL FACE	INTERVAL	
	1	2
11,12	OFF	ON
13,14	OFF	ON
21,22	ON	OFF
23,24	ON	OFF

NEMA LOOP & DETECTOR UNIT INSTALLATION CHART with TS-1 CABINET												
INDUCTIVE LOOPS						DETECTOR UNITS						
LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW EXISTING	UNIT NO.	NEW EXISTING	CHANNEL	NEMA PHASE	FEATURE	TIME	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
1A	6X6	6	575	X -	1	X -	1	-	EXTEND	9.25 SEC.	ALL	NO
1B	6X40	2-4-2	0	X -	1	X -	1	-	EXTEND	5 SEC.	ALL	NO
1C	6X6	6	575	X -	2	X -	2	-	EXTEND	9.25 SEC.	ALL	NO
1D	6X40	2-4-2	0	X -	1	X -	2	-	EXTEND	5 SEC.	ALL	NO
1E	6X15	3	0	X -	3	X -	1	-	EXTEND	5 SEC.	ALL	NO

Actuated Flasher

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Set all detector units to presence mode.
3. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
4. Flash beacons 11,12 when actuated by loop 1A and 13, 14 when actuated by loop 1C.
5. Flash beacons 21, 22, 23, 24 when actuated by loops 1A, 1B, 1C, 1D, 1E.
6. Remove existing overhead flasher.
7. Remove existing stop bars.



LEGEND	
PROPOSED	EXISTING
	N/A
N/A	

Signal Upgrade
Corr. File No. 03-15-35681

Prepared In the Offices of:
TRANSPORTATION MOBILITY AND SAFETY DIVISION
DEPARTMENT OF TRANSPORTATION
SIGNAL DESIGN SECTION

750 N. Greenfield Pkwy, Garner, NC 27529

NC 53
at
NC 50

Division 3 Pender County Maple Hill
PLAN DATE: September 2015 REVIEWED BY: P.L. Alexander
PREPARED BY: K.G. Peedin, Jr REVIEWED BY:

REVISIONS: _____ INIT. DATE _____

SCALE: 0 50
1"=50'

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
PAMELA L. ALEXANDER
023489
11/10/2015
SIG. INVENTORY NO. 03-0347

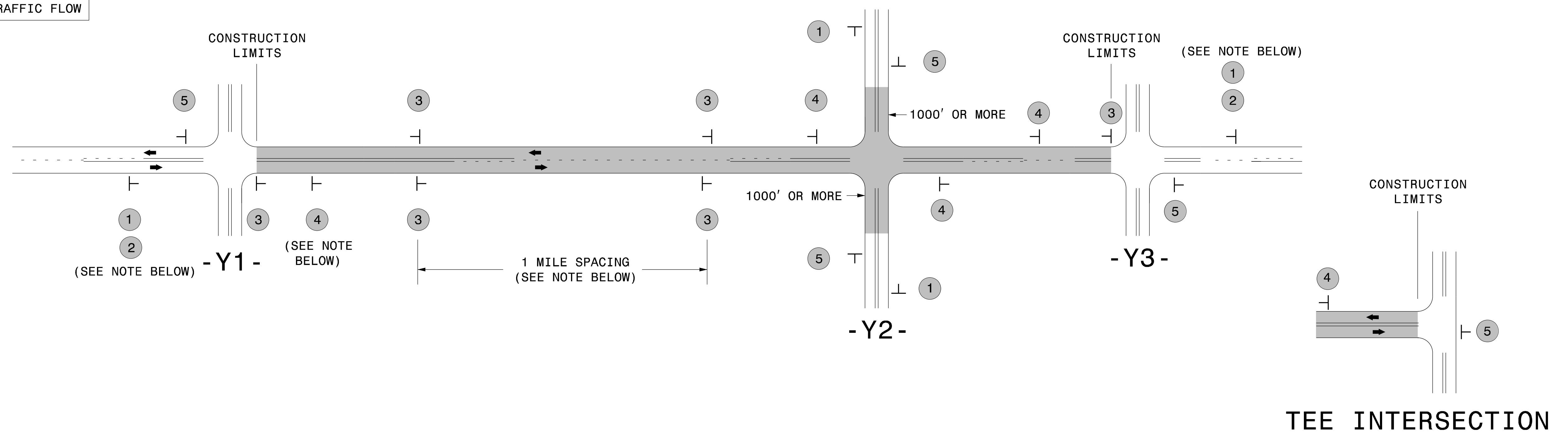
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k.p.peedin

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

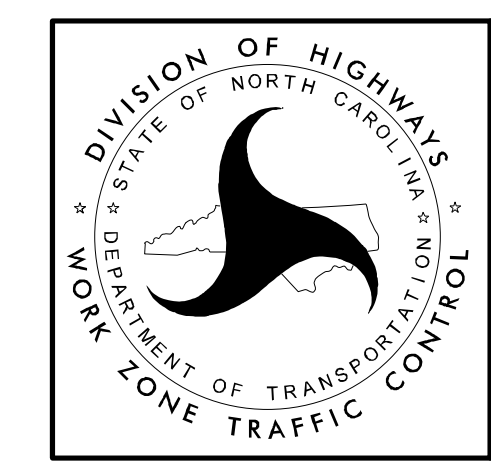
-Y- LINE SIGNING

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" </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	 NEXT XX MILES 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	 END ROAD WORK 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