

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION 6

PLANS
Letting Date: October 7, 2026

CONTRACT ID: DF00563

TIP NO.: -----

FEDERAL AID NO.: STATE FUNDED

WBS ELEMENT NO.: 2027CPT.06.05.10781.1, 2027CPT.06.05.20781.1, 52122, 52221, 52222 & 52223

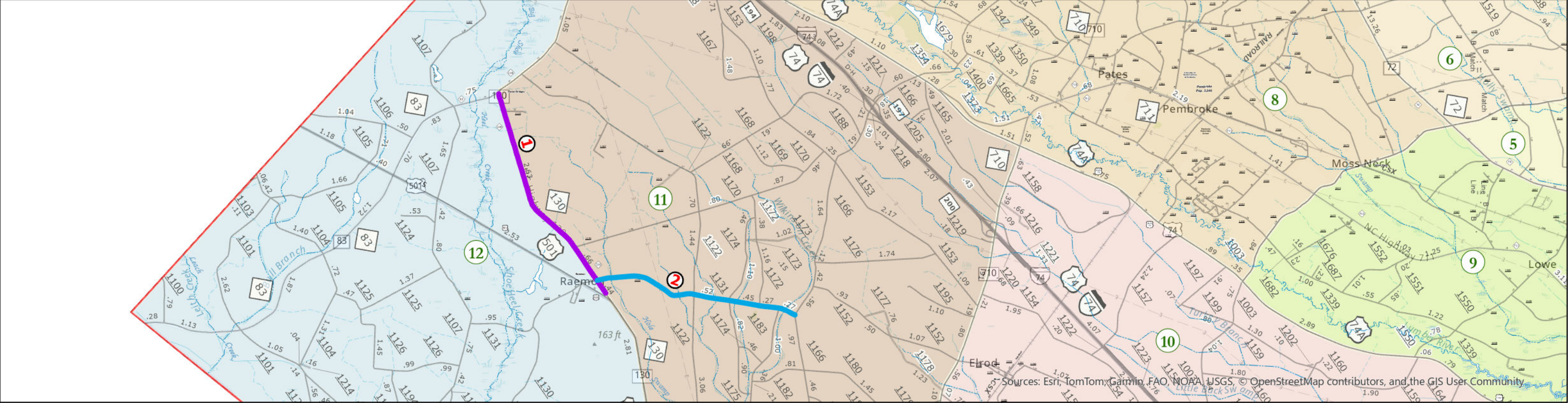
ROUTE NO.: VARIES

LOCATION: VARIES

COUNTY: ROBESON

LENGTH OF PROJECT: 11.90 MILES

TYPE OF WORK: MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION



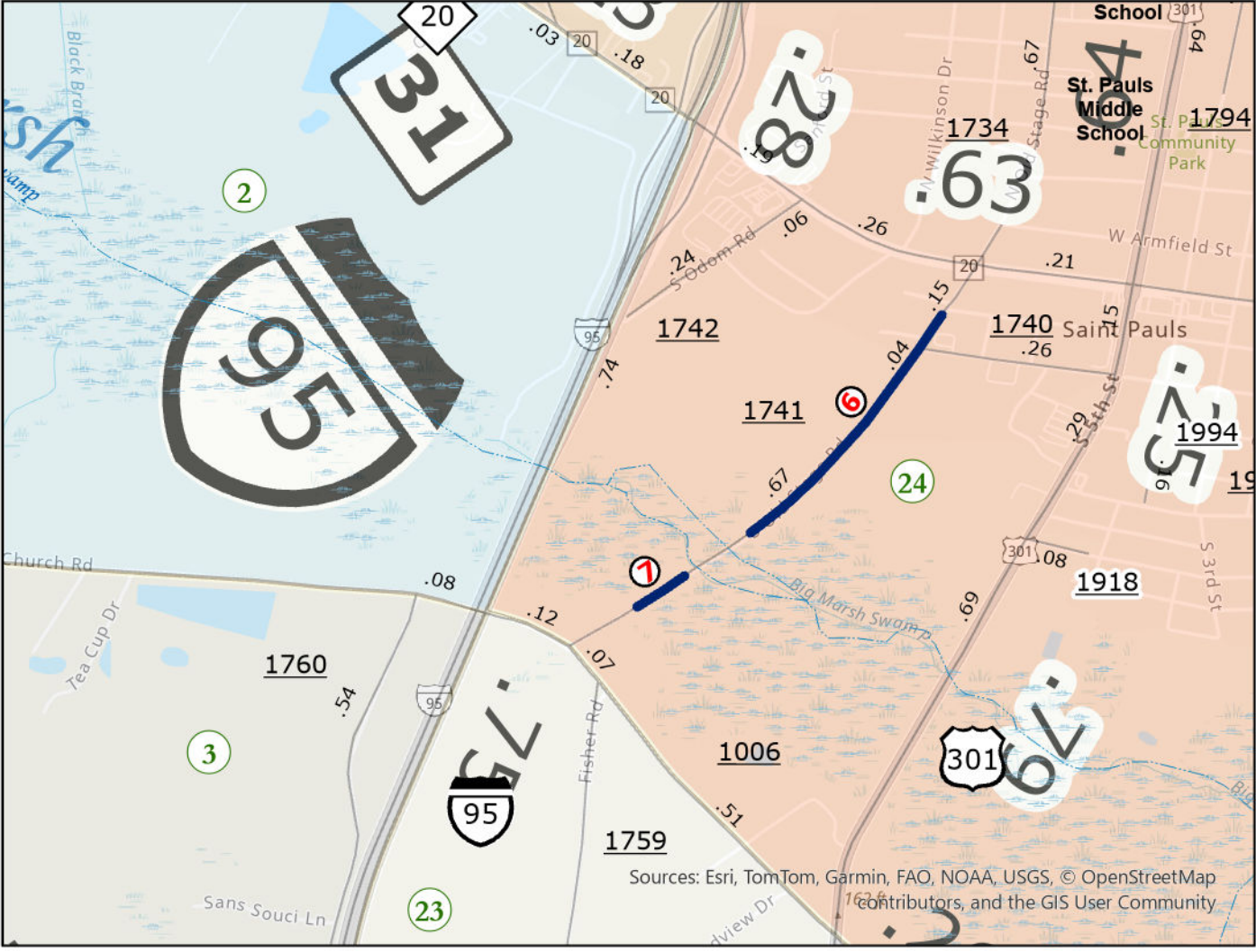
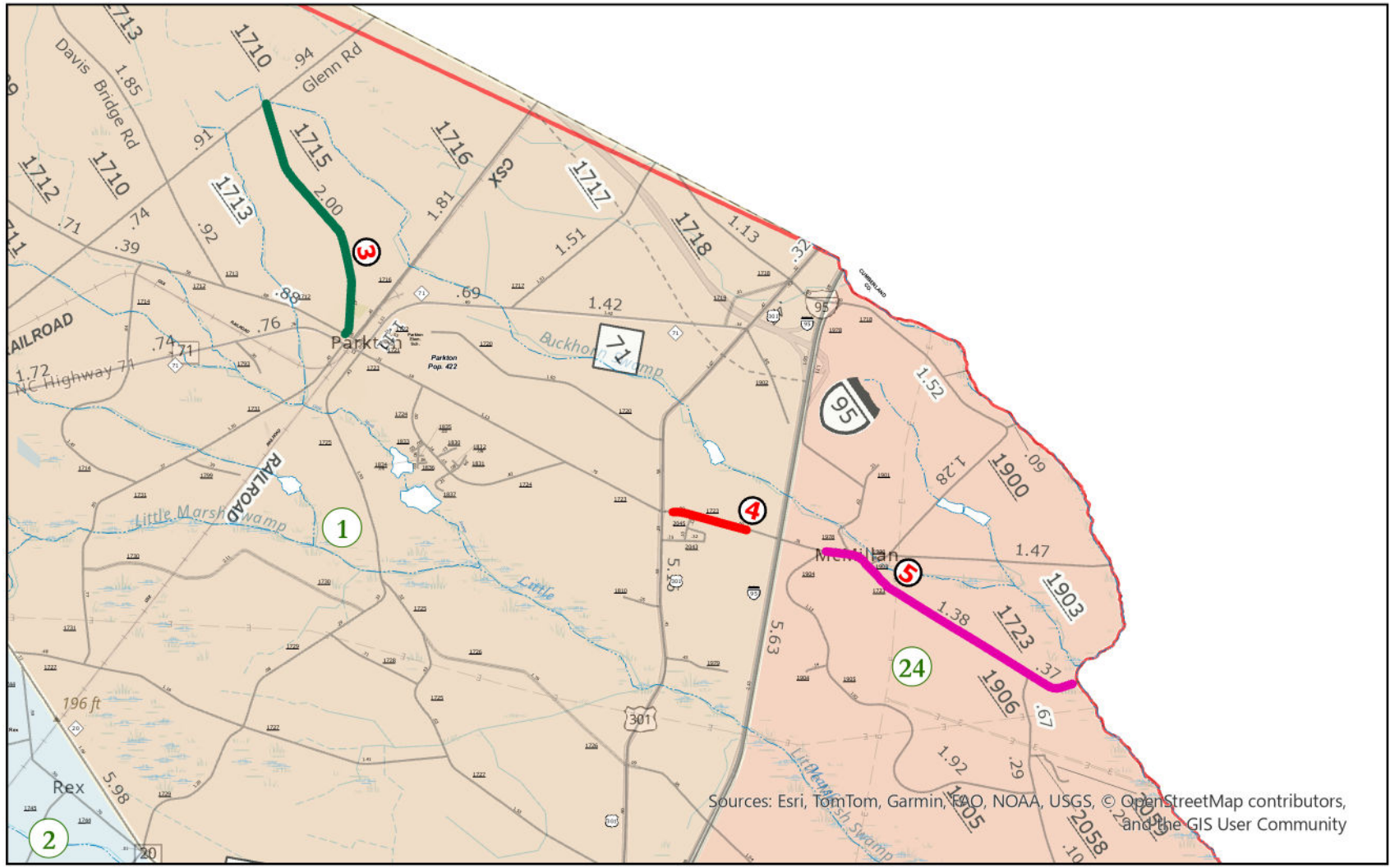
Robeson County Resurfacing, 2026

Contract: DF00563

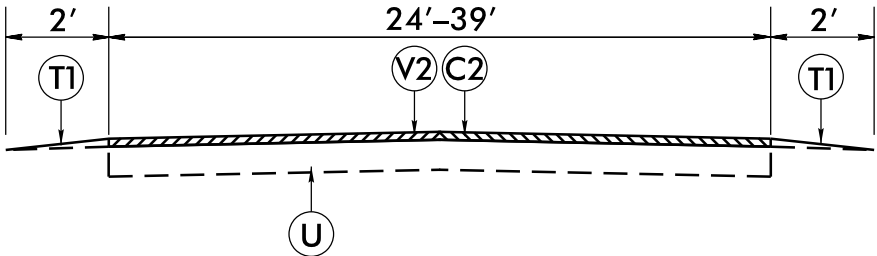
Legend

- WBS: 2027CPT.06.05.10781.1
- WBS: 2027CPT.06.05.20781.1
- WBS: 52122
- WBS: 52221
- WBS: 52222
- WBS: 52223

N

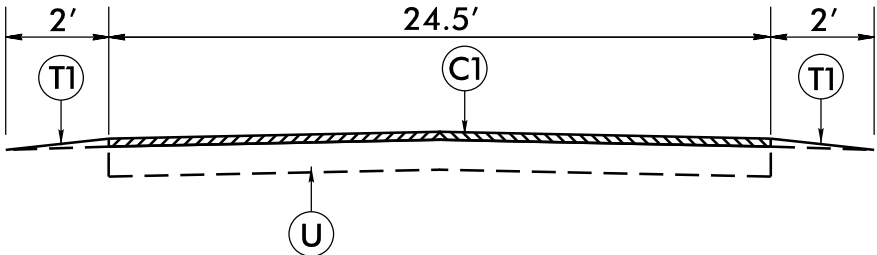


PAVEMENT SCHEDULE	
C1	1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION WITH AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT
V1	0" - 1½" MILLING
V2	¾" MILLING
V3	1½" MILLING



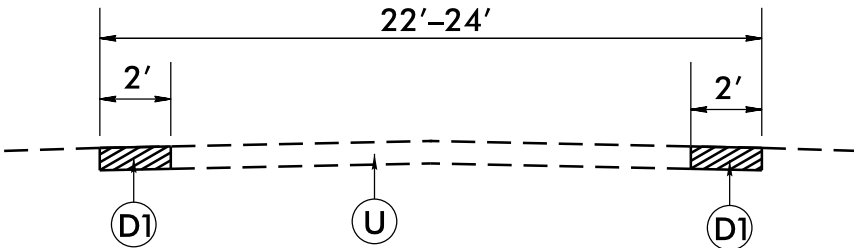
TYPICAL SECTION NO. 1

-PLUS 2' INSIDE CURVE WIDENING (SEE DETAIL)

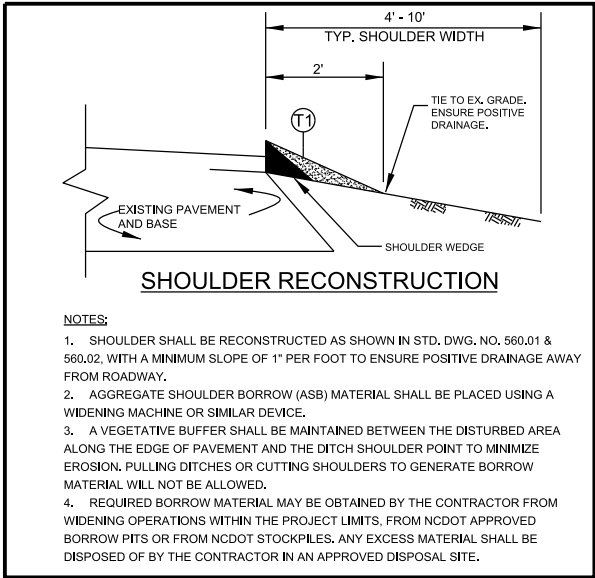
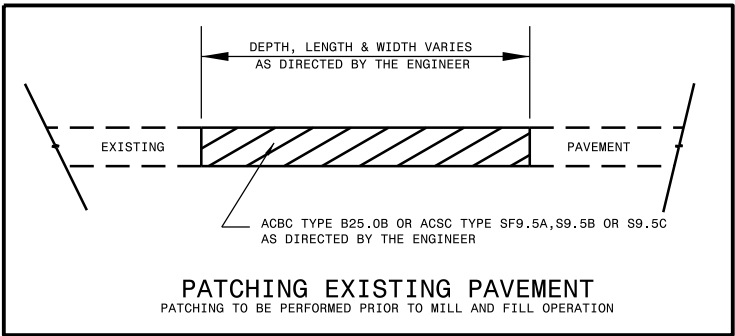
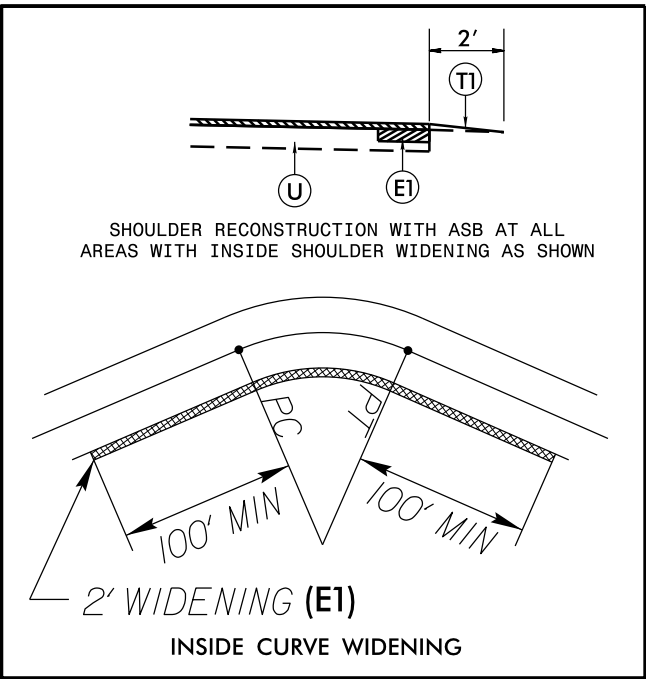


TYPICAL SECTION NO. 2

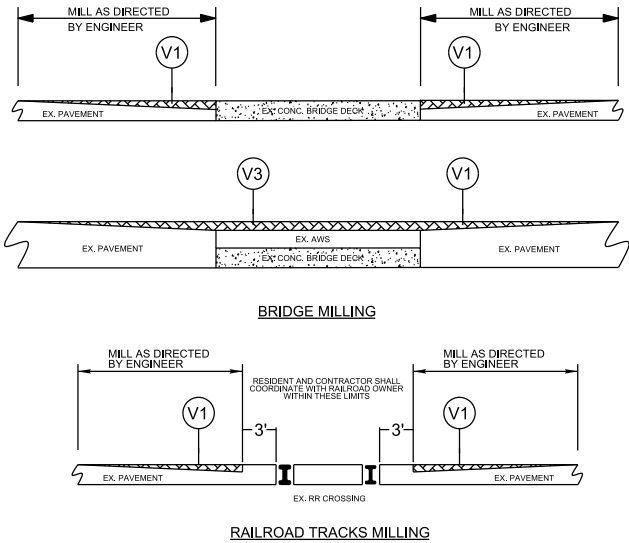
-PLUS 2' INSIDE CURVE WIDENING (SEE DETAIL)



TYPICAL SECTION NO. 3



- NOTES:
- SHOULDER SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM ROADWAY.
 - AGGREGATE SHOULDER BORROW (ASB) MATERIAL SHALL BE PLACED USING A WIDENING MACHINE OR SIMILAR DEVICE.
 - A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION, PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
 - REQUIRED BORROW MATERIAL MAY BE OBTAINED BY THE CONTRACTOR FROM WIDENING OPERATIONS WITHIN THE PROJECT LIMITS, FROM NCDOT APPROVED BORROW PITS OR FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.



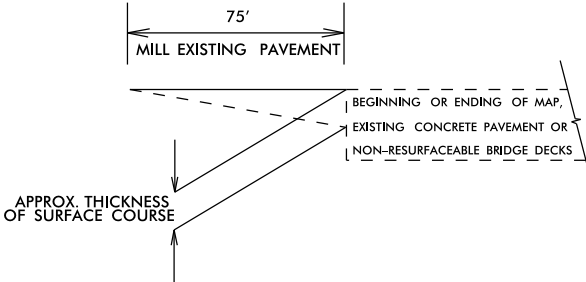
- NOTE:
- MILLING SHALL BE PERFORMED AT RR CROSSINGS, BRIDGE DECKS AND BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.
 - FOR RR CROSSINGS, RAILROAD OWNER MUST AUTHORIZE ACCESS TO RIGHT OF WAY PRIOR TO ENTRY.

NOTES TO CONTRACTOR

FOR SURFACE MIXES OVER 1" IN THICKNESS, MILL THE EXISTING PAVEMENT IN ACCORDANCE WITH THE FOLLOWING SKETCH AS DIRECTED BY THE ENGINEER.

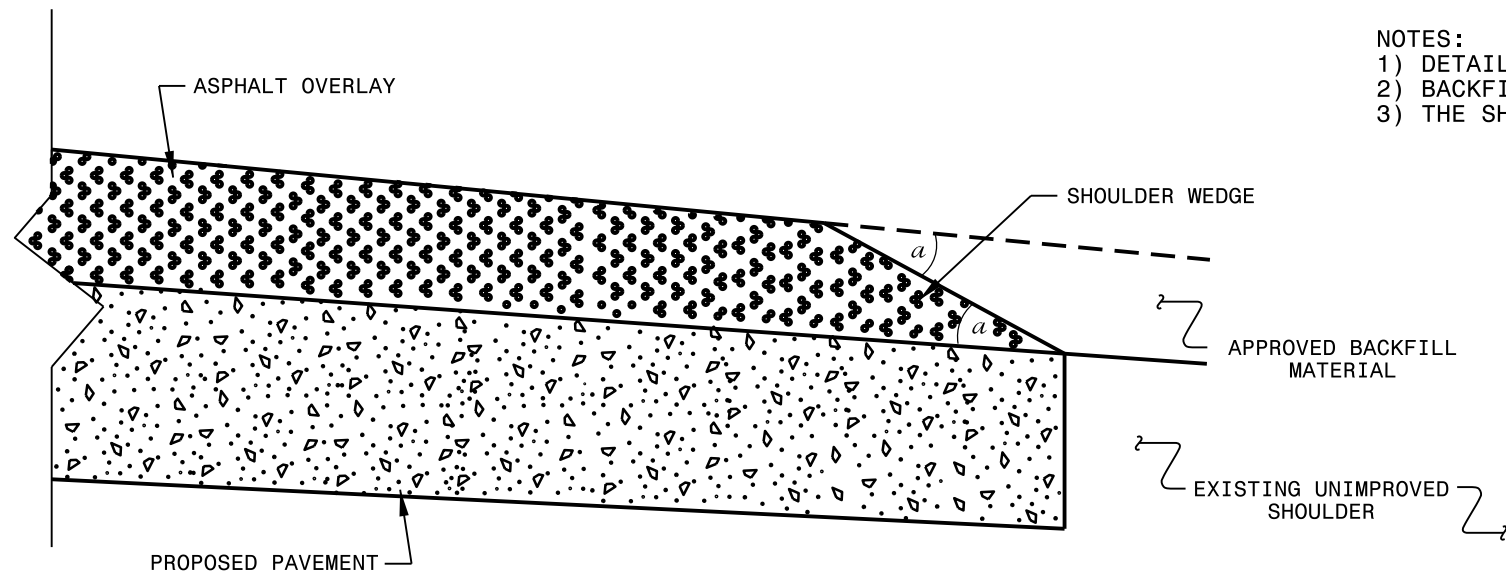
LOCATIONS SHALL INCLUDE TIES INTO EXISTING CONCRETE PAVEMENT, AT BRIDGE APPROACHES WHERE THE BRIDGE WILL NOT BE RESURFACED, AND AT THE BEGINNING AND ENDING POINT OF EACH RESURFACING MAP.

PERFORM THE WORK IN ACCORDANCE WITH SECTION 607 OF THE JANUARY 2024 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. RESURFACING WILL BE ACCOMPLISHED AT THE SAME TIME AS THE MILLING OPERATION.

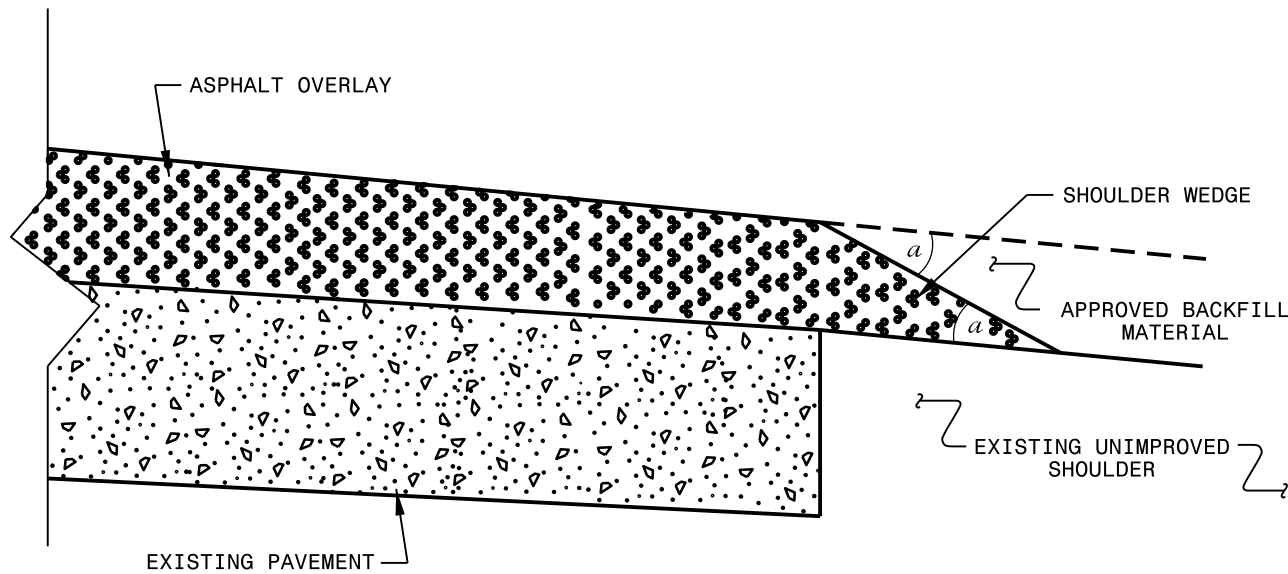


MILLING AT PAVEMENT TIE-INS DETAIL

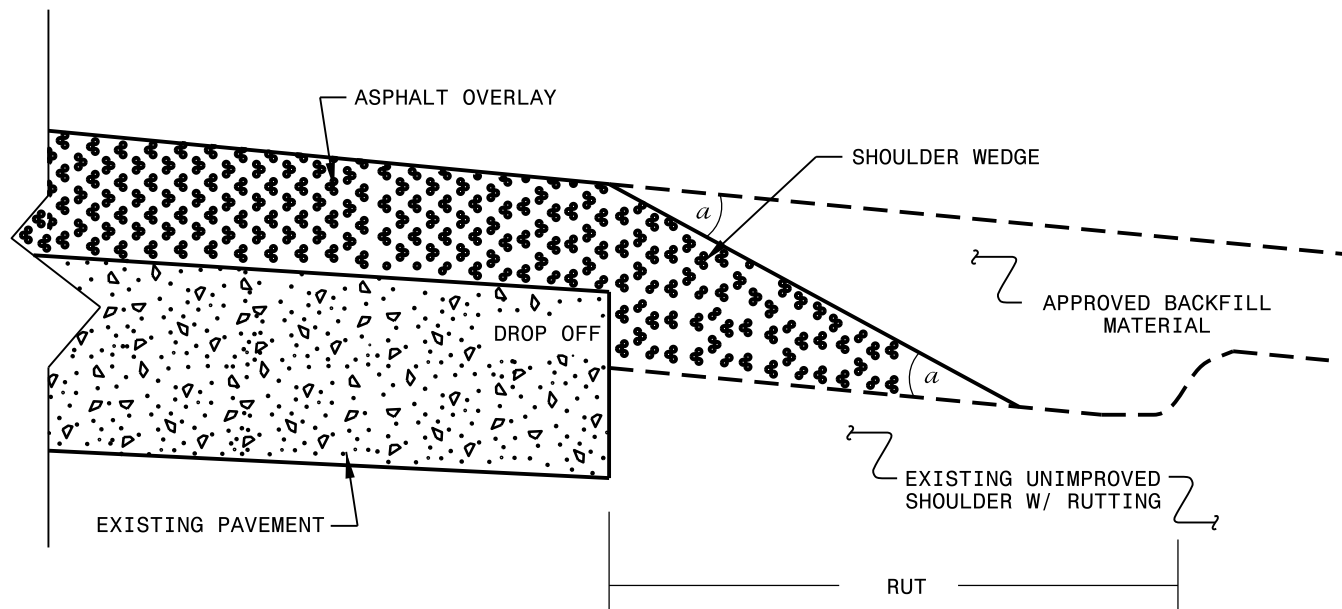
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

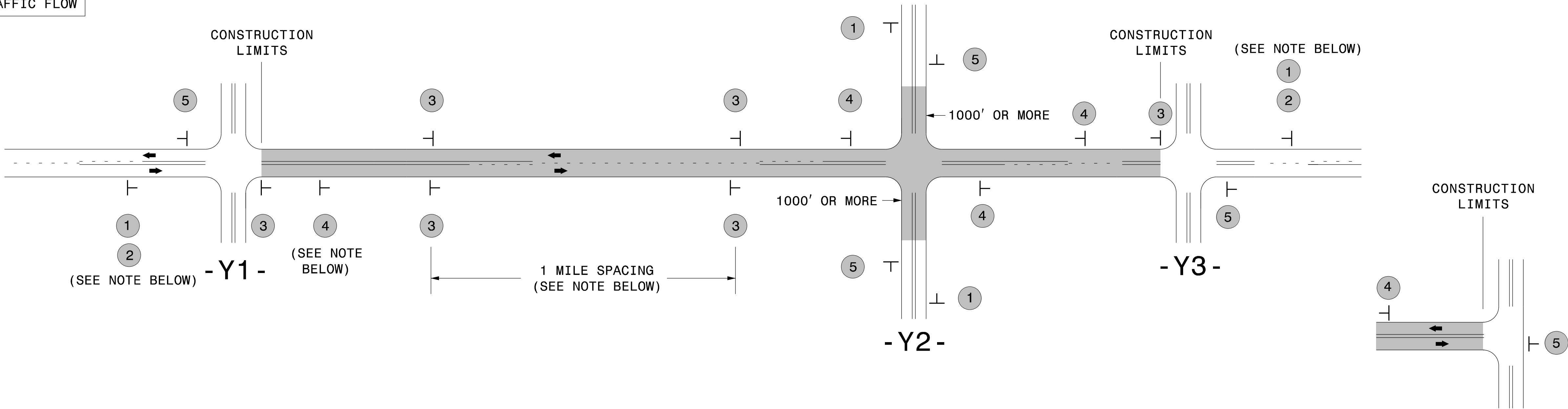
CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T. SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW

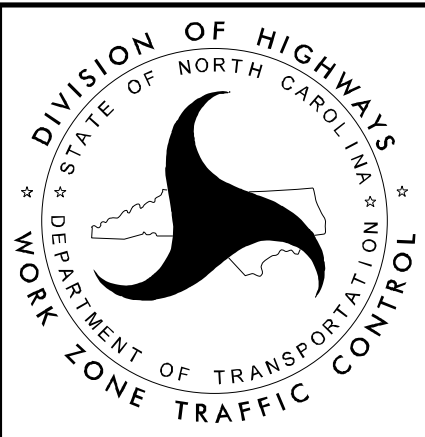


TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

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

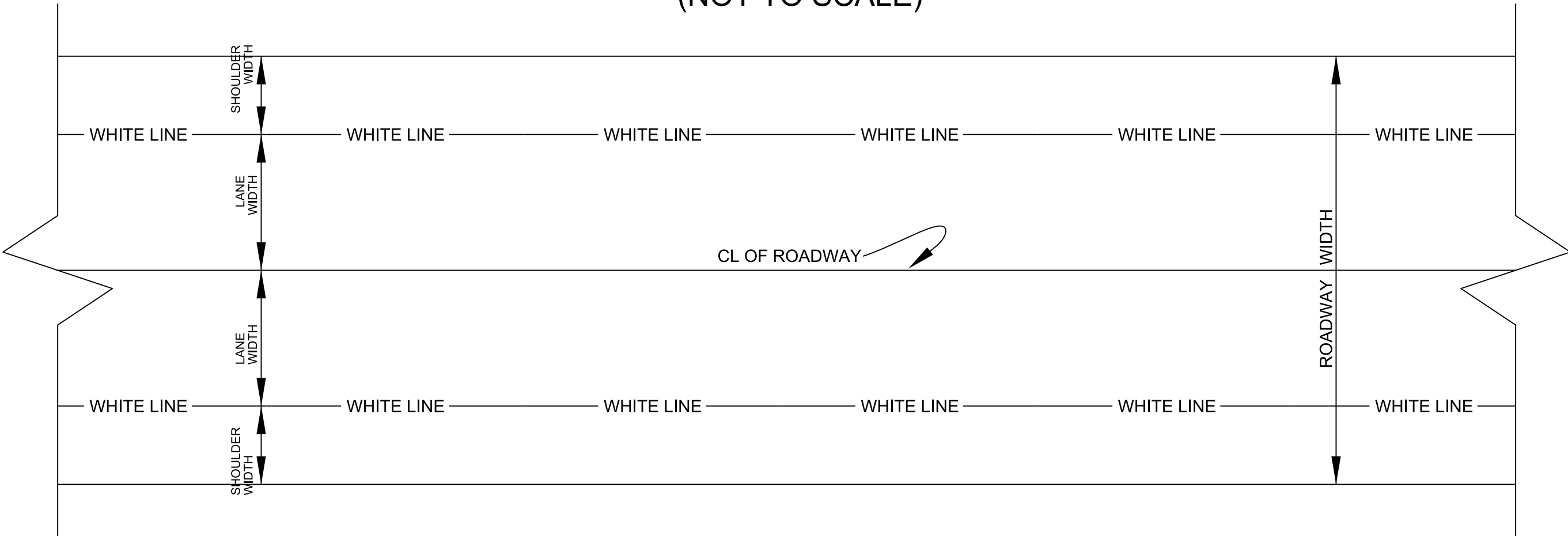
GUIDELINES FOR LANE WIDTHS ON RESURFACING PROJECTS

Contractor shall place the new pavement markings in accordance with this table and detail unless otherwise directed by the Engineer.

TWO LANE - TWO WAY ROADWAY - 55 MPH		
ROADWAY WIDTH	LANE WIDTH	SHOULDER WIDTH
18'	9' *	0'
20'	10' *	0'
22'	10'	1'
24'	10'	2'
26'	11'	2'
28'	12'	2'
32'	12'	4'
* May vary due to pavement width		

TWO LANE - TWO WAY ROADWAY		50
MPH OR LESS		
ROADWAY WIDTH	LANE WIDTH	SHOULDER WIDTH
18'	9' *	0'
20'	10' *	0'
22'	10'	1'
24'	10'	2'
26'	11'	2'
28'	11'	3'
32'	11'	5'
* May vary due to pavement width		

SCHEMATIC OF ROADWAY
(NOT TO SCALE)



PROJECT NO.	SHEET NO.	TOTAL NO.
PT.06.05.10781.1, 2027CPT.06.05.2		
52221, ETC.		

SUMMARY OF QUANTITIES

												1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1491000000-E	1503000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	2830000000-N	2845000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTI ON	AGGREGATE SHOULDER BORROW	0.75" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	INTERMEDIATE COURSE, I19.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX
								MI	FT			TONS	SMI	TON	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	
2027CPT.06.05.10781.1	Robeson	1	NC-130	FROM PROJECT LIMITS DF00556 TO PVMT JT. EAST OF NC 83	1	2		3.860	24	30.290	34.150	103	7.67	1,260	54,870	1,633	132				4,720	10	291	5		
TOTAL FOR MAP NO. 1								3.860				103	7.67	1,260	54,870	1,633	132				4,720	10	291	5		
TOTAL FOR PROJ NO. 2027CPT.06.05.10781.1								3.860				103	7.67	1,260	54,870	1,633	132				4,720	10	291	5		
2027CPT.06.05.20781.1	Robeson	2	SR-1131 / MIDWAY RD	FROM NC 130 TO SR 1166	2	2		3.010	24.5	2.260	5.270	90	6.02	973		2,480	449		3,836	10			278	5		
TOTAL FOR MAP NO. 2								3.010				90	6.02	973		2,480	449		3,836	10			278	5		
TOTAL FOR PROJ NO. 2027CPT.06.05.20781.1								3.010				90	6.02	973		2,480	449		3,836	10			278	5		
52221	Robeson	3	SR-1715 / ARMORY RD	FROM SR 1712 TO SR 1710	3	2		1.990	22	0.000	1.990	28						1,065					51		6	
TOTAL FOR MAP NO. 3								1.990				28						1,065					51		6	
TOTAL FOR PROJ NO. 52221								1.990				28						1,065					51		6	
52222	Robeson	4	SR-1723 / E PARKTON TOBEMORY RD	FROM BEGIN CONSTRUCTION I-5987-B TO US 301 RAB PVMT JOINT	3	2		0.510	24	2.610	3.120	17						273					13			
TOTAL FOR MAP NO. 4								0.510				17						273					13			
TOTAL FOR PROJ NO. 52222								0.510				17						273					13			
52223	Robeson	5	SR-1723 / E PARKTON TOBEMORY RD	FROM CUMBERLAND CO LINE TO END CONSTRUCTION I-5987-B	3	2		2.020	24	0.040	2.060	18						1,081					52			
TOTAL FOR MAP NO. 5								2.020				18						1,081					52			
TOTAL FOR PROJ NO. 52223								2.020				18						1,081					52			
52122	Robeson	6	SR-1741 / S OLD STAGE RD	FROM W. BLUE ST TO BRIDGE PAVMENT JOINT	3	2		0.430	24	0.090	0.520	3						230					11		4	2
TOTAL FOR MAP NO. 6								0.430				3						230					11		4	2
52122	Robeson	7	SR-1741 / S OLD STAGE RD	FROM BRIDGE PAVMENT JOINT TO SR 1006 PAVEMENT JOINT	3	2		0.080	24	0.630	0.710							43					2			
TOTAL FOR MAP NO. 7								0.080										43					2			
TOTAL FOR PROJ NO. 52122								0.510				3						273					13		4	2
GRAND TOTAL								11.900				259	13.69	2,233	54,870	4,113	581	2,692	3,836	10	4,720	10	698	10	10	2

PROJECT NO.	SHEET NO.	TOTAL NO.
.06.05.10781.1, 2027CPT.06.05 52221, ETC.		

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N	4685000000-E		4688000000-E		4810000000-E		4900000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GE NERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	4" YELLOW PAINT	4" WHITE PAINT	YELLOW & YELLOW MARKERS
								MI	FT			SF	LS	LF	LF	LF	LF	LF	LF	EA
2027CPT.06.05.10781.1	Robeson	1	NC-130	FROM PROJECT LIMITS DF00556 TO PVMT JT. EAST OF NC 83	1	2		3.86	24	30.29	34.15	438	1.00			30,571	40,762	30,571	40,762	255
TOTAL FOR MAP NO. 1								3.86				438	1.000			30,571	40,762	30,571	40,762	255
TOTAL FOR PROJ NO. 2027CPT.06.05.10781.1								3.86				438	1.000			30,571	40,762	30,571	40,762	255
																71,333		71,333		
2027CPT.06.05.20781.1	Robeson	2	SR-1131 / MIDWAY RD	FROM NC 130 TO SR 1166	2	2		3.01	24.5	2.26	5.27	337		31,800	20,600					205
TOTAL FOR MAP NO. 2								3.01				337		31,800	20,600					205
TOTAL FOR PROJ NO. 2027CPT.06.05.20781.1								3.01				337		31,800	20,600					205
														52,400						
52221	Robeson	3	SR-1715 / ARMORY RD	FROM SR 1712 TO SR 1710	3	2		1.99	22	0	1.99	223		21,014						
TOTAL FOR MAP NO. 3								1.99				223		21,014						
TOTAL FOR PROJ NO. 52221								1.99				223		21,014						
														21,014						
52222	Robeson	4	SR-1723 / E PARKTON TOBEMORY RD	FROM BEGIN CONSTRUCTION I-5987- B TO US 301 RAB PVMT JOINT	3	2		0.51	24	2.61	3.12	57		5,386						
TOTAL FOR MAP NO. 4								0.51				57		5,386						
TOTAL FOR PROJ NO. 52222								0.51				57		5,386						
														5,386						
52223	Robeson	5	SR-1723 / E PARKTON TOBEMORY RD	FROM CUMBERLAND CO LINE TO END CONSTRUCTION I-5987-B	3	2		2.02	24	0.04	2.06	226		21,331						
TOTAL FOR MAP NO. 5								2.02				226		21,331						
TOTAL FOR PROJ NO. 52223								2.02				226		21,331						
														21,331						
52122	Robeson	6	SR-1741 / S OLD STAGE RD	FROM W. BLUE ST TO BRIDGE PAYMENT JOINT	3	2		0.43	24	0.09	0.52	57		4,541						
TOTAL FOR MAP NO. 6								0.43				57		4,541						
52122	Robeson	7	SR-1741 / S OLD STAGE RD	FROM BRIDGE PAYMENT JOINT TO SR 1006 PAVEMENT JOINT	3	2		0.08	24	0.63	0.71	57		845						
TOTAL FOR MAP NO. 7								0.08				57		845						
TOTAL FOR PROJ NO. 52122								0.51				114		5,386						
														5,386						
GRAND TOTAL								11.9				1,395	1.000	84,917	20,600	30,571	40,762	30,571	40,762	460
														105,517		71,333		71,333		