

WBS NO: 2024CPT.01.07.20581, ETC.

CONTRACT: DA00580

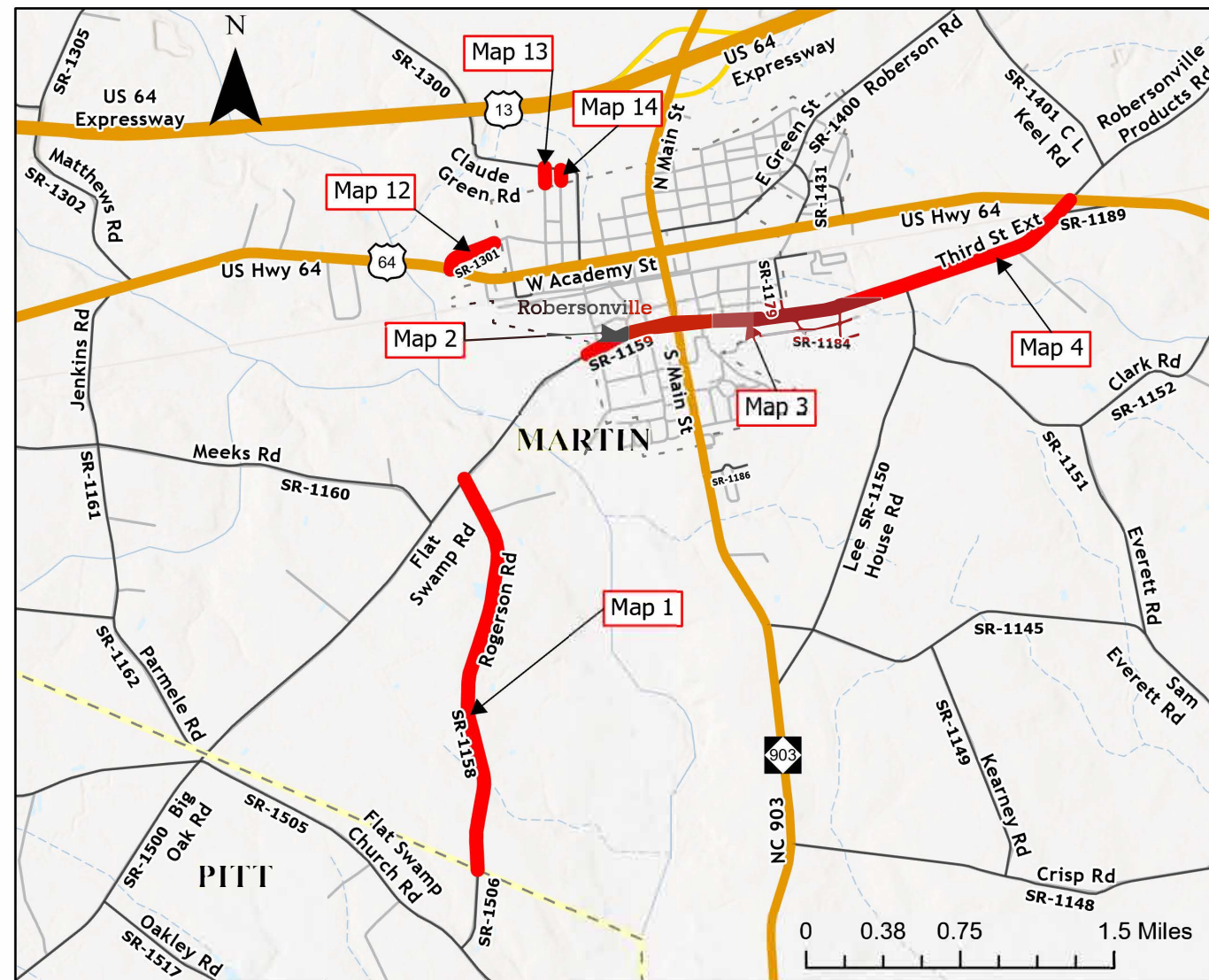
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.07.20581, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.07.20581		P.E., CONST.
2024CPT.01.07.20582		P.E., CONST.

TYPE OF WORK: *MILLING, RESURFACING, SHOULDER RECONSTRUCTION, THIN LIFT RESURFACING, & LONG-LIFE PAVEMENT MARKINGS*

MAP	ROUTE	FROM	TO
01	SR 1158 (Rogerson Rd.)	Pitt Co	SR 1159 (Flat Swamp Rd.)
02	SR 1159 (West 3rd St.)	C&G	NC 903
03	SR 1159 (East 3rd St.)	NC 903	C&G
04	SR 1159 (3rd St. Ext.)	C&G	US 64
12	SR 1301 (West Green St.)	End Maint	US 64 Alt
13	SR 1350 (Everett St.)	End Maint	SR 1300 (Claude Green Rd.)
14	SR 1351 (Pecan St.)	End Maint	SR 1300 (Claude Green Rd.)



PROJECT LENGTH

MAP	LENGTH	MAP	LENGTH
01	1.6	12	0.22
02	0.38	13	0.06
03	0.81	14	0.04
04	0.86		

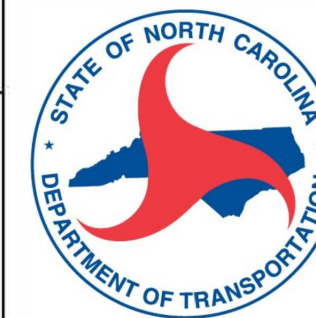
Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

C. E. SLACHTA
DIVISION CONTRACT ENGINEER

J. S. ABEL, JR.
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



WBS NO: 2024CPT.01.07.20581, ETC.

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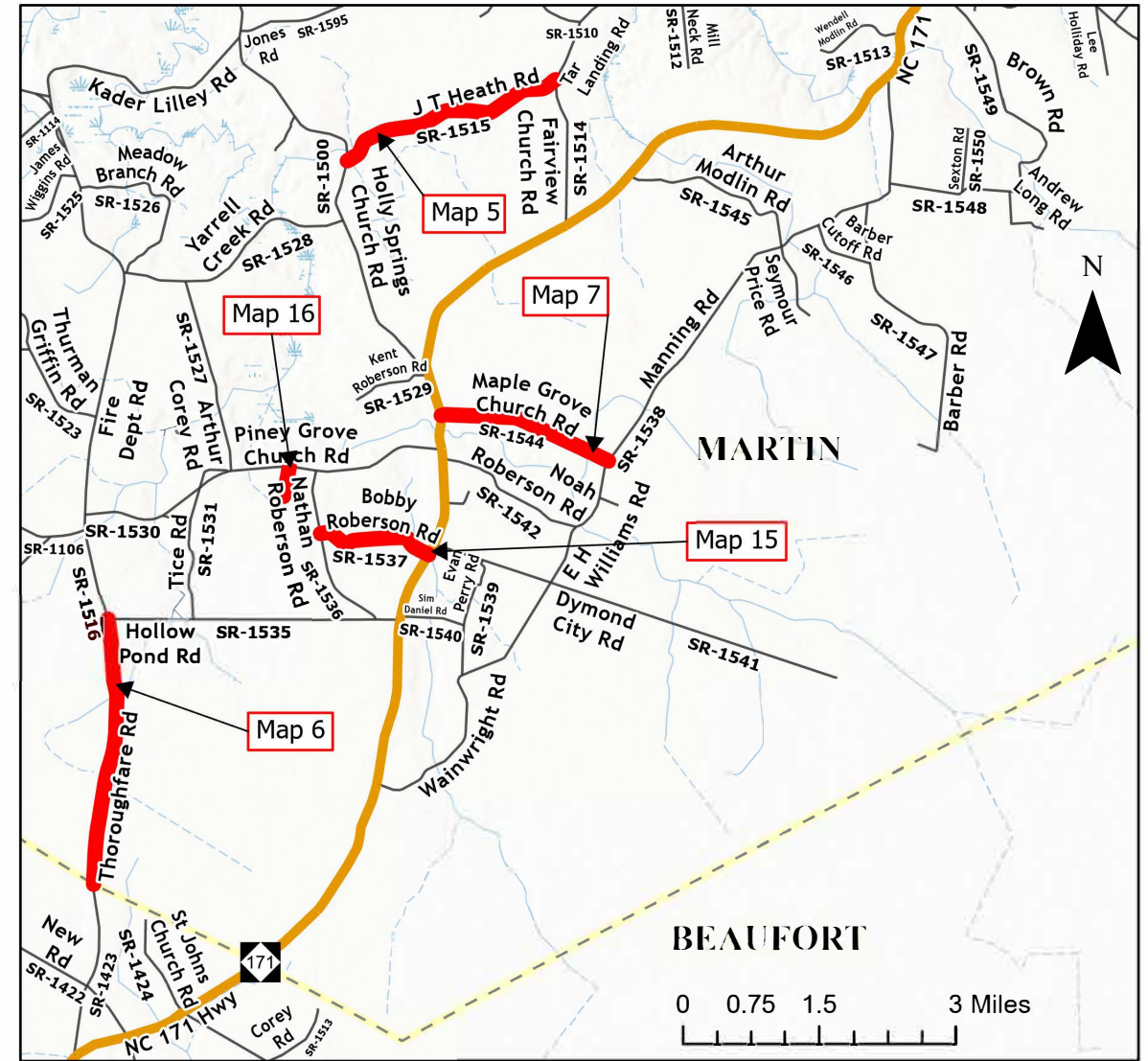
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

MARTIN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.07.20581, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.07.20581		P.E., CONST.
2024CPT.01.07.20582		P.E., CONST.

TYPE OF WORK: MILLING, RESURFACING, SHOULDER RECONSTRUCTION, THIN LIFT RESURFACING, & LONG-LIFE PAVEMENT MARKINGS

MAP	ROUTE	FROM	TO
05	SR 1515 (J.T. Heath Rd.)	SR 1514 (Fairview Church Rd.)	SR 1500 (Holly Springs Church Rd.)
06	SR 1516 (Thoroughfare Rd.)	Beaufort Co	SR 1535 (Hollow Pond Rd.)
07	SR 1544 (Maple Grove Church Rd.)	SR 1538 (E H Williams Rd.)	NC 171
15	SR 1537 (Bobby Roberson Rd.)	SR 1536 (Nathan Roberson Rd.)	NC 171
16	SR 1573 (Jim Manning Rd.)	SR 1530 (Piney Grove Church Rd.)	Dead End



PROJECT LENGTH			
MAP	LENGTH	MAP	LENGTH
05	2.09	15	1.07
06	2.38	16	0.27
07	1.58		

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<p>B. N. BRASWELL, PE <i>DIV. PROJ. DEVELOPMENT ENGINEER</i></p> <p>C. E. SLACHTA <i>DIVISION CONTRACT ENGINEER</i></p>	<p>J. S. ABEL, JR. <i>DIVISION PROJECT TEAM LEAD</i></p> <p>D. H. STALLINGS <i>DIVISION DESIGN ENGINEER</i></p>
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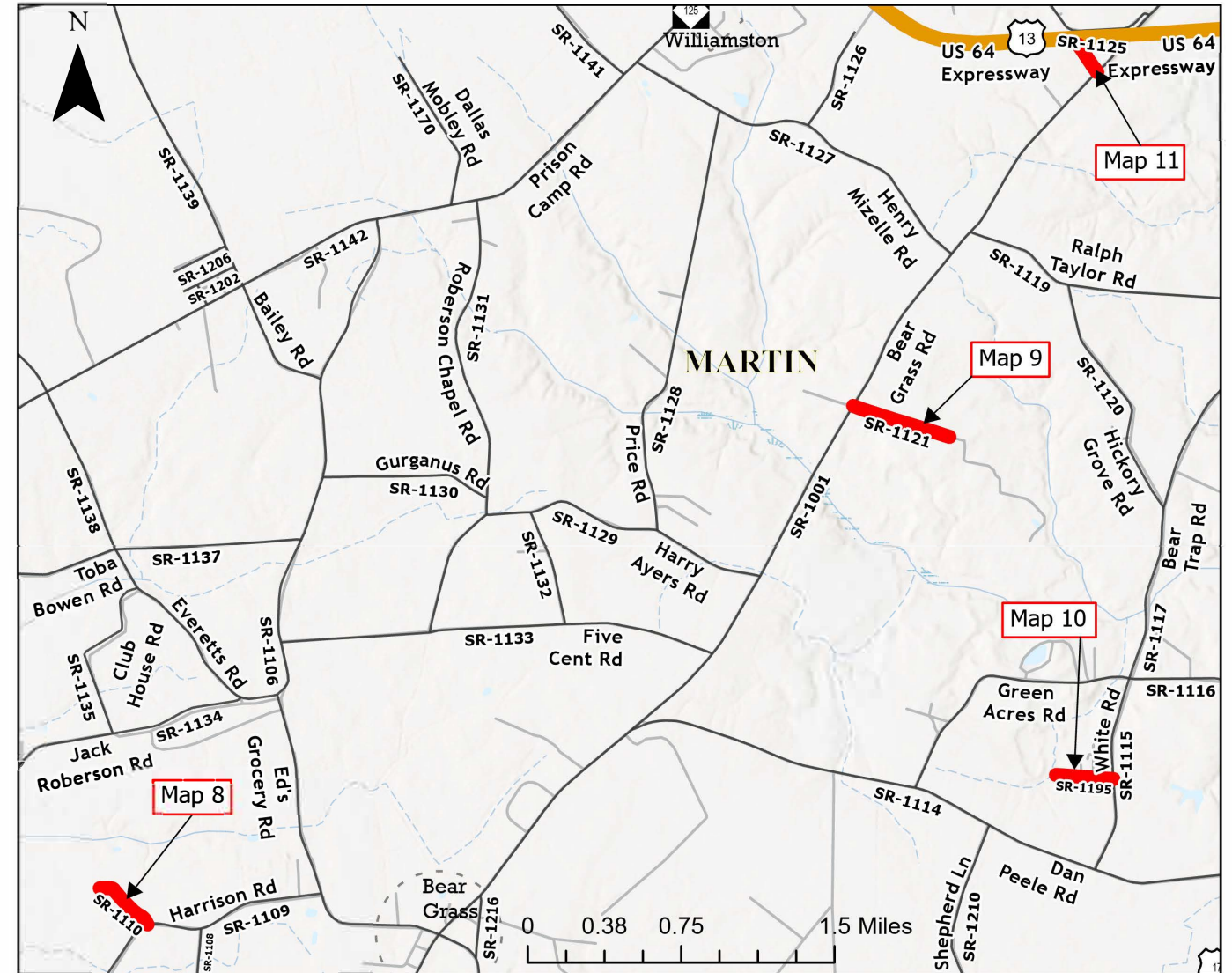
**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

MARTIN

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.07.20581, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.07.20582		P.E., CONST.

TYPE OF WORK: THIN LIFT RESURFACING & LONG-LIFE PAVEMENT MARKINGS

MAP	ROUTE	FROM	TO
08	SR 1110 (Jenny Harrison Rd.)	Dead End	SR 1109 (Harrison Rd.)
09	SR 1121 (Elli Bowen Rd.)	End Maint	SR 1001 (Bear Grass Rd.)
10	SR 1195 (Riddick Trailer Park Rd.)	Dead End	SR 1115 (White Rd.)
11	SR 1214 (Brivershar Dr.)	SR 1001 (Bear Grass Rd.)	Dead End



PROJECT LENGTH

MAP	LENGTH
08	0.25
09	0.40
10	0.23
11	0.13

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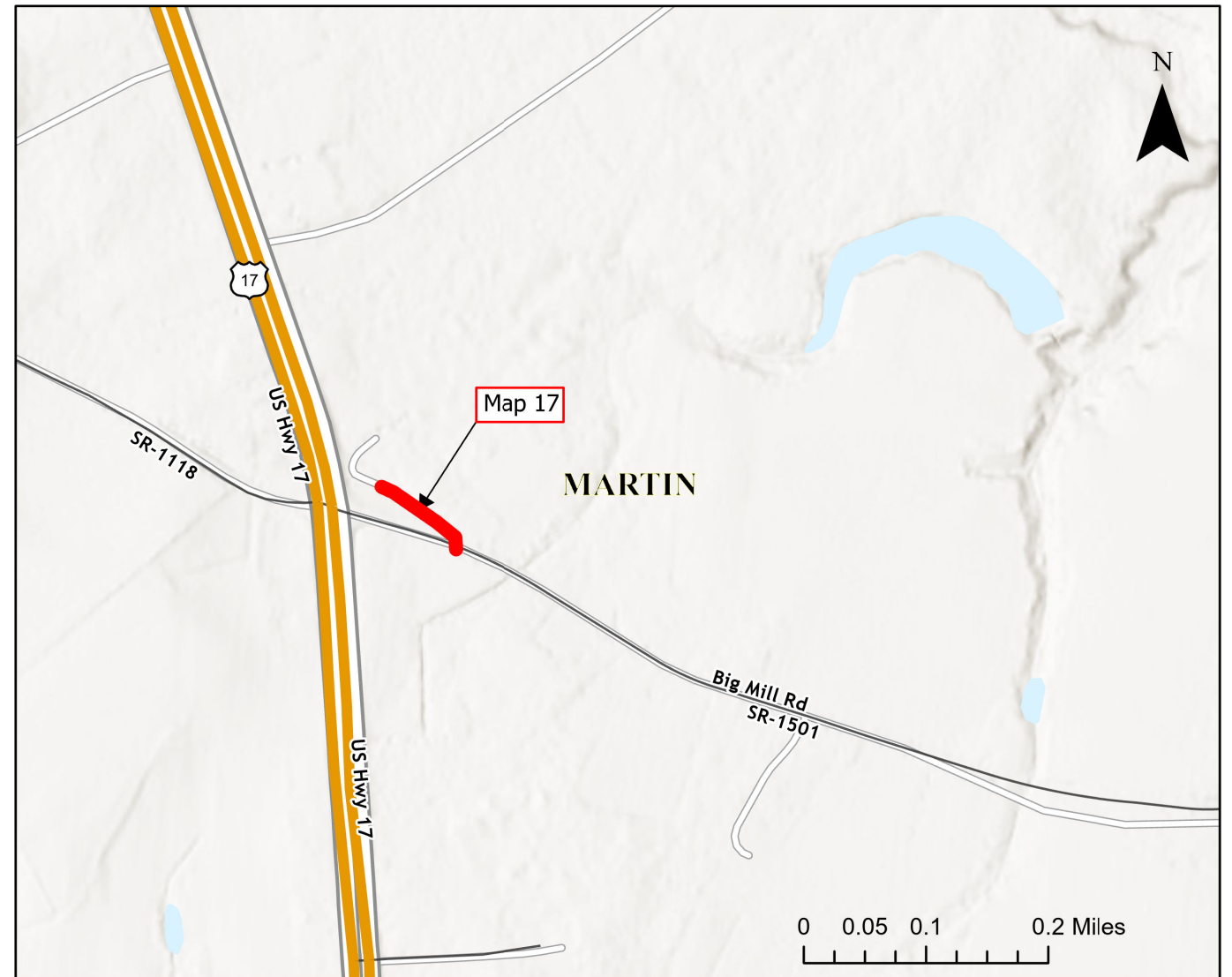
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: THIN LIFT RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.01.07.20581, ETC.	4
STATE PROJECT NUMBER		DESCRIPTION
2024CPT.01.07.20582		P.E., CONST

MAP	ROUTE	FROM	TO
17	Almond Ln	SR 1501 (Big Mill Rd)	Dead End



PROJECT LENGTH

MAP	LENGTH
17	0.09

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DIVISION PROJECT TEAM LEAD

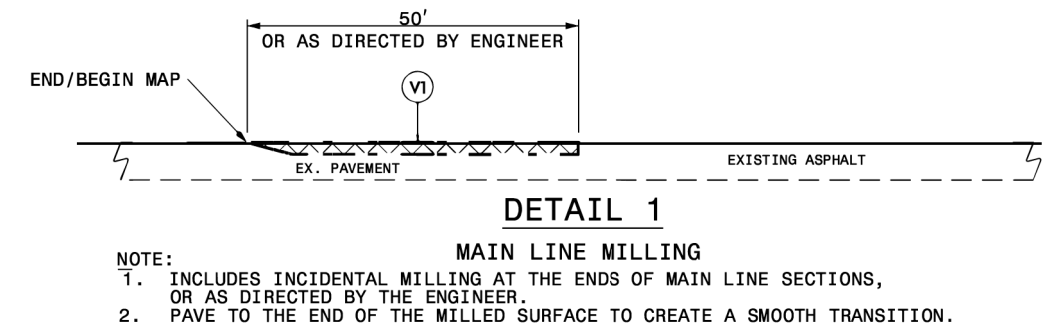
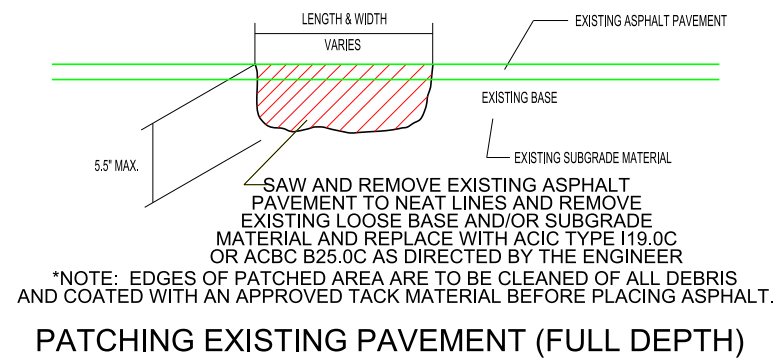
D. H. STALLINGS
DIVISION DESIGN ENGINEER



C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING ASPHALT PAVEMENT.
T	EARTH MATERIAL
U	EXISTING PAVEMENT

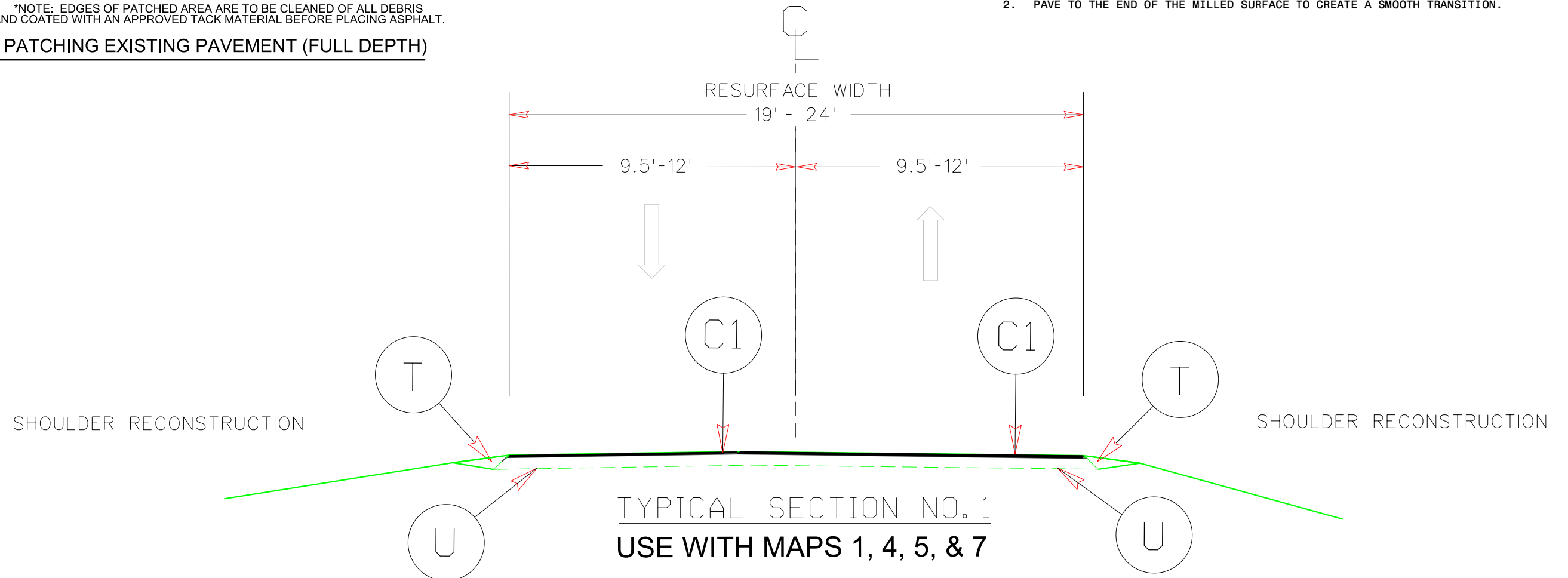
NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5B TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5B



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

PATCHING EXISTING PAVEMENT (FULL DEPTH)

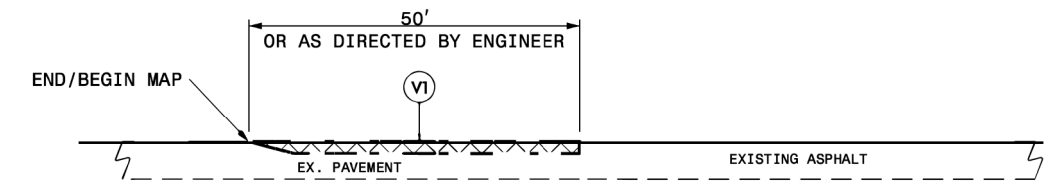


PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING ASPHALT PAVEMENT.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT

NOTES:

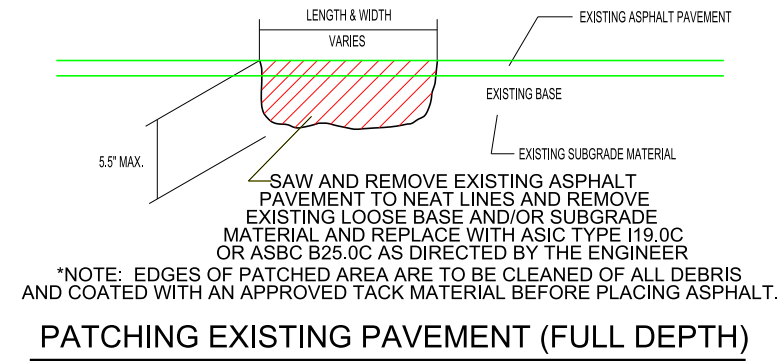
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5B TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5B



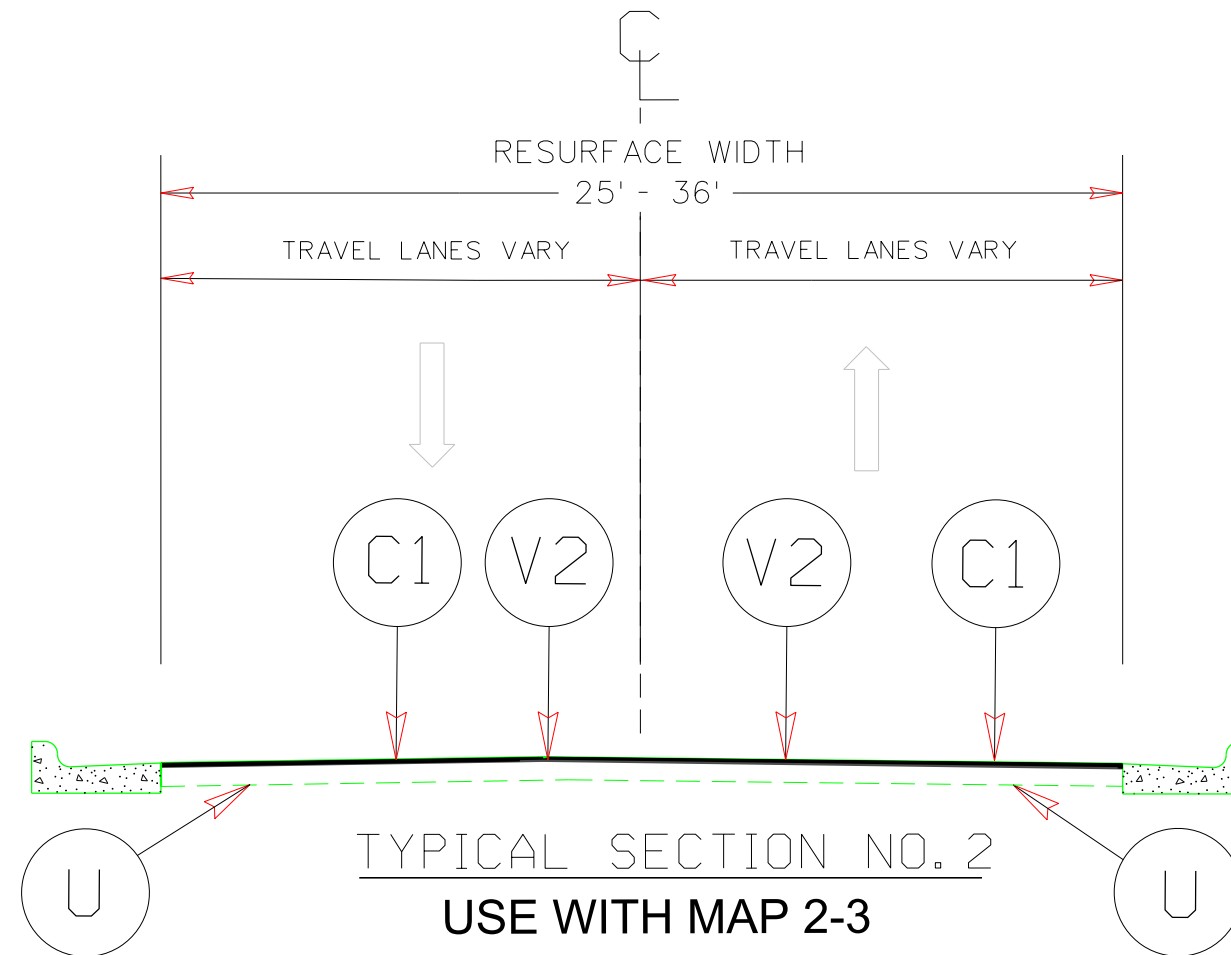
DETAIL 1

MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.



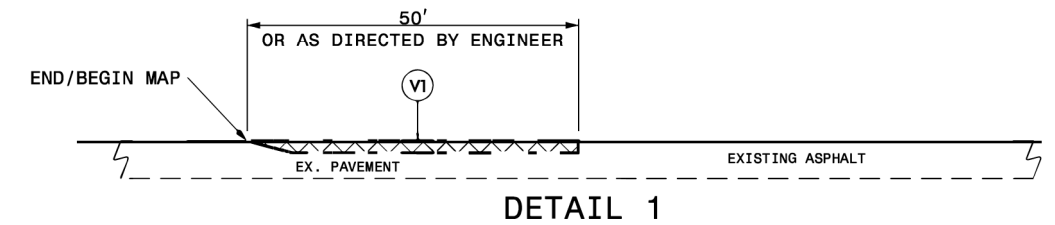
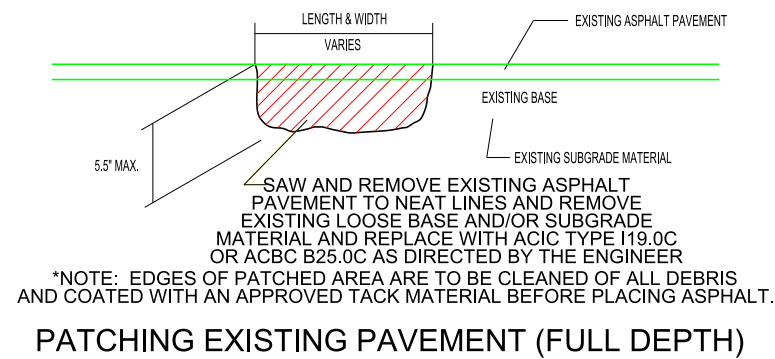
PAVEMENT SCHEDULE

C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING ASPHALT PAVEMENT.
T	EARTH MATERIAL
U	EXISTING PAVEMENT

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.01.07.20581, ETC.	7

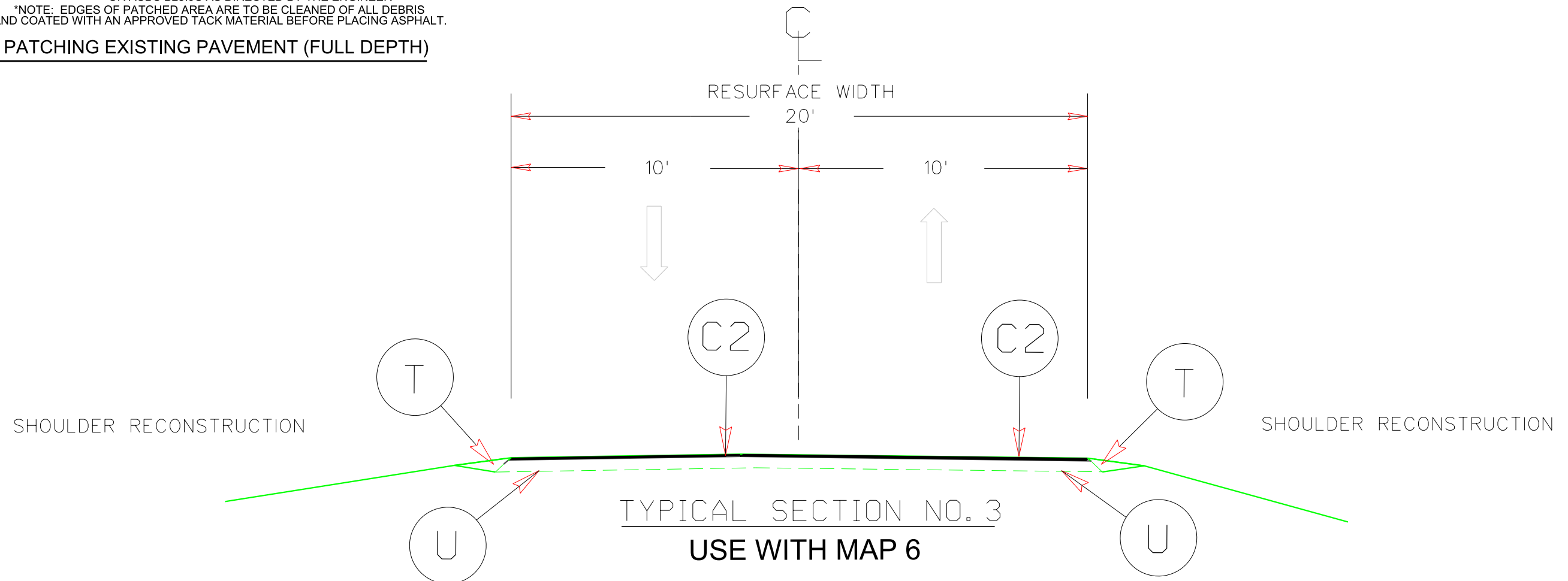
NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 2.0" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 2.0" OF S9.5C



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

PATCHING EXISTING PAVEMENT (FULL DEPTH)



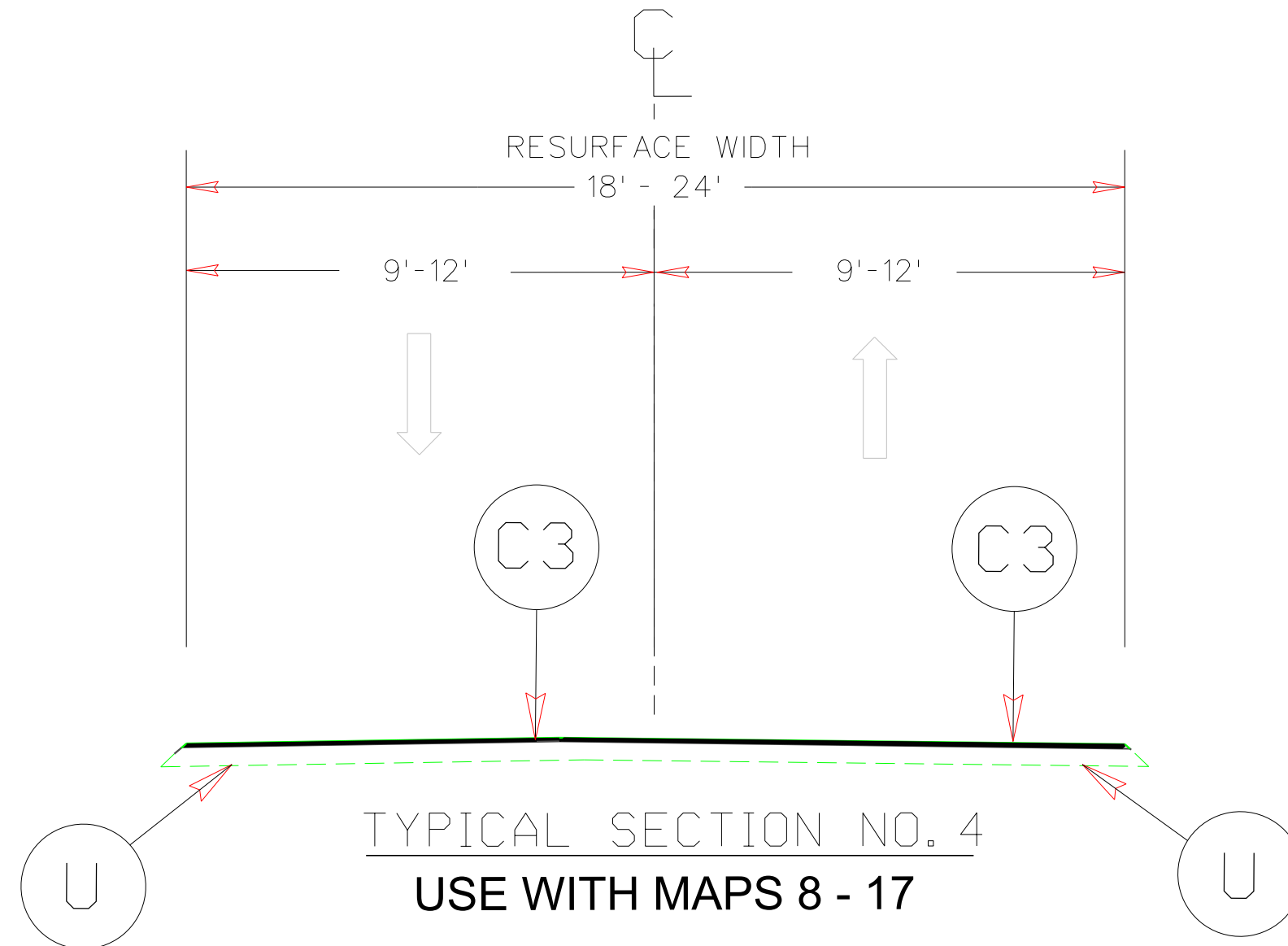
PAVEMENT SCHEDULE

C3	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YD.
U	EXISTING PAVEMENT

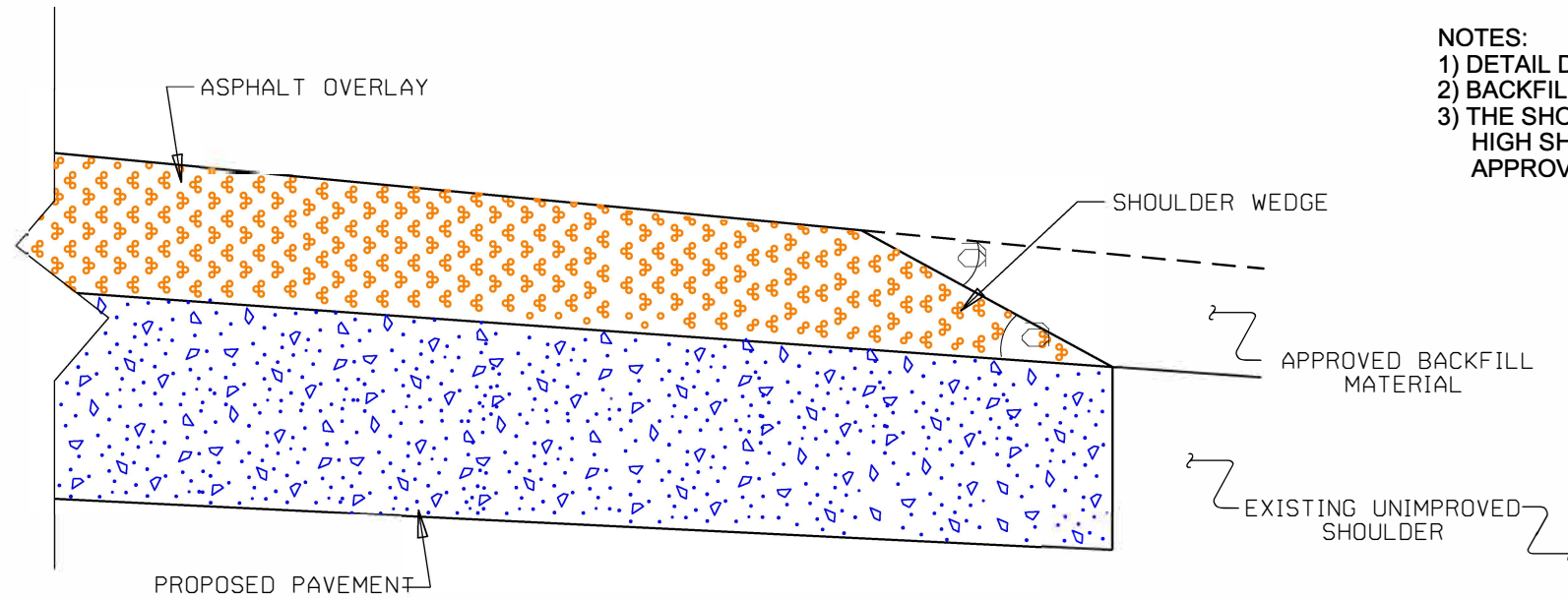
PROJECT REFERENCE NO.	SHEET NO.
2024CPT.01.07.20581, ETC.	8

NOTES:

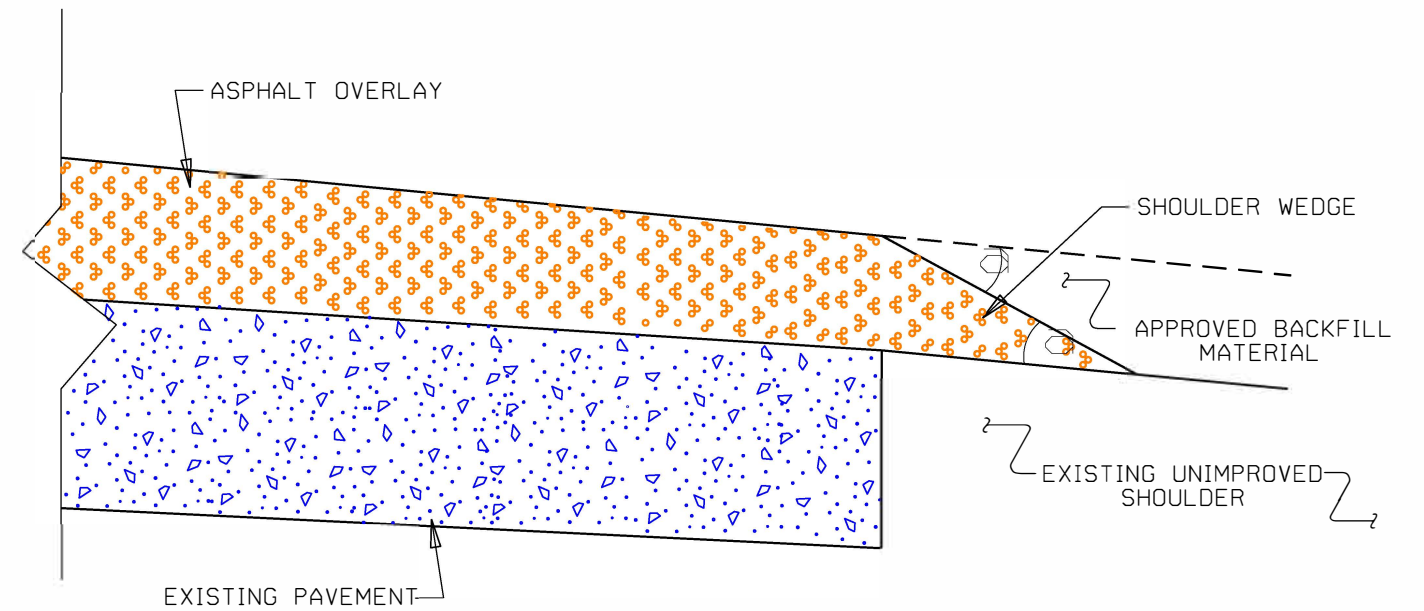
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.25" OF S9.5B TO BE APPLIED THE FULL WIDTH OF THE ROADWAY



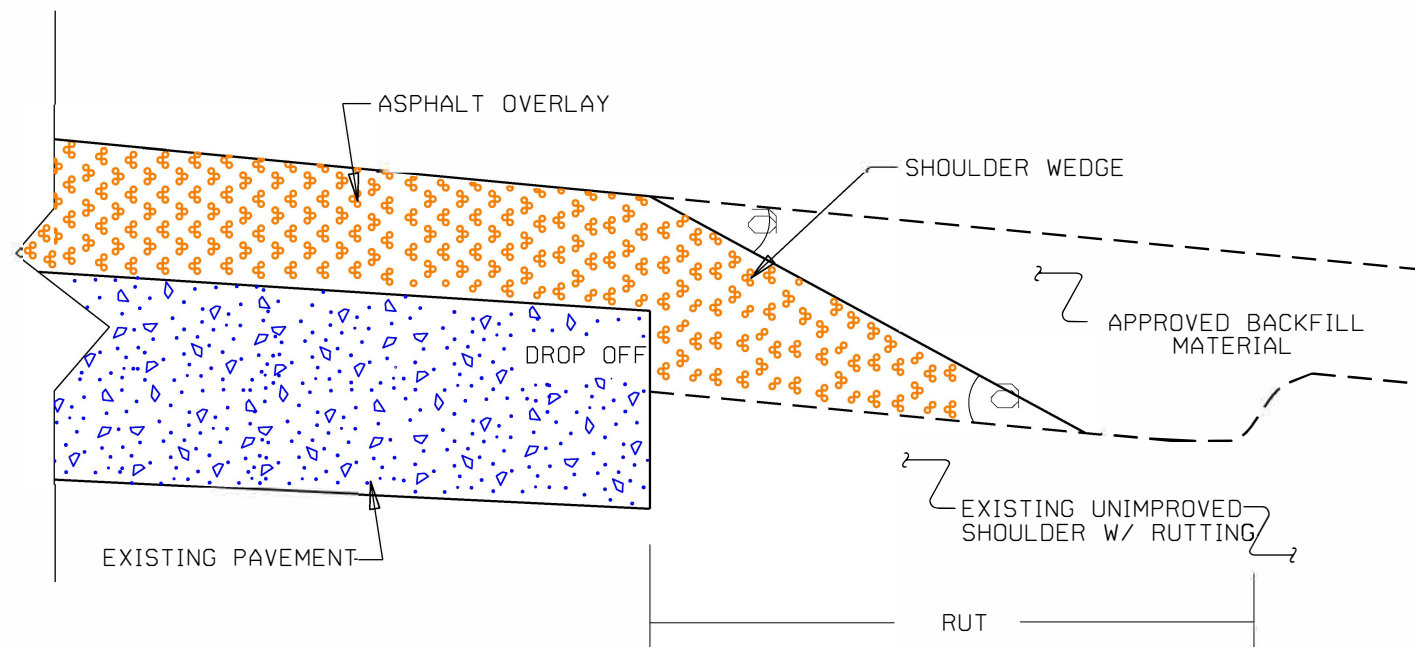
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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: 10/16/12		
CHECKED BY:	DATE:		
FILE SPEC.: ssusr/details/stand/shoulderwedgedetail.dgn			

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.01.07.20581, 2024CPT.01.07.20582	10	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH		MOBILIZATION	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT (1½")	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, 59.5B	ASPHALT CONC SURFACE COURSE, 59.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (FULL DEPTH)	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOXES	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL
										MI	FT																
2024CPT.01.07.20581	Martin	1	SR-1158 / ROGERSON ROAD	FROM SR 1159 (FLAT SWAMP ROAD) (MP 0.00) TO PITT COUNTY LINE (MP 1.60)	1	2	2WU	NO	NO	1.60	19	1	48	75	3.20			1,629		106	10			100	40	1.6	1
2024CPT.01.07.20581	Martin	2	SR-1159 / WEST THIRD STREET (SECTION #1)	FROM C&G (MP 2.20) TO NC 903 (MP 2.576)	2	2	2WU	NO	NO	0.38	25	*				5,515	305	529		35	5	6	4				
2024CPT.01.07.20581	Martin	3	SR-1159 / EAST THIRD STREET (SECTION #2)	FROM NC 903 TO C&G	2	2	2WU	NO	NO	0.83	36	*				17,530	745	1,695		113	65	2	3				
2024CPT.01.07.20581	Martin	4	SR-1159 / EAST THIRD STREET EXTENDED (SECTION #3)	FROM END OF C&G (MP 3.394) TO US 64 (MP 4.24)	1	2	2WU	NO	NO	0.85	24	*	25	30	1.69		1,165	1,197		79	25			100	40	0.8	
2024CPT.01.07.20581	Martin	5	SR-1515 / J T HEATH ROAD	FROM SR 1514 (FAIRVIEW CHURCH RD.) TO SR 1500 (HOLLY SPRINGS CHURCH RD.)	1	2	2WU	NO	NO	2.09	20	*	63	50	4.18		350	2,239		146	5			100	40	2.1	
2024CPT.01.07.20581	Martin	6	SR-1516 / THOROUGHFARE ROAD	FROM SR 1535 (HOLLOW POND ROAD) (MP 7.09) TO BEAUFORT COUNTY LINE (MP 9.48)	3	2	2WU	NO	NO	2.38	20	*	71	95	4.76		300		3,469	209	95			100	40	2.4	
2024CPT.01.07.20581	Martin	7	SR-1544 / MAPLE GROVE CHURCH ROAD	FROM NC 171 (MP 0.00) TO SR 1538 (E H WILLIAMS ROAD) (MP 1.582)	1	2	2WU	NO	NO	1.58	18	*	47	35	3.16			1,527		99	5			100	40	1.6	
TOTAL FOR PROJ NO. 2024CPT.01.07.20581										9.70		*	254	285	16.99	23,045	2,865	8,816	3,469	787	210	8	7	500	200	8.50	1
2024CPT.01.07.20582	Martin	8	SR-1110 / JENNY HARRISON ROAD	FROM SR 1109 (HARRISON ROAD) (MP 0.00) TO DEAD END (MP 0.25)	4	2	2WU	NO	NO	0.25	18	*		14				201		13							
2024CPT.01.07.20582	Martin	9	SR-1121 / EU BOWEN ROAD	FROM SR 1001 (BEAR GRASS ROAD) (MP 0.00) TO EOM (MP 0.40)	4	2	2WU	NO	NO	0.40	20	*		24				357		23							
2024CPT.01.07.20582	Martin	10	SR-1195 / REDDICK TRAILER PARK ROAD	FROM DEAD END (MP 0.00) TO SR 1115 (WHITE ROAD) (MP 0.23)	4	2	2WU	NO	NO	0.23	18	*		2				185		12							
2024CPT.01.07.20582	Martin	11	SR-1214 / BRIVERSHAR DRIVE	FROM SR 1001 (BEAR GRASS ROAD) (MP 0.00) TO EOM (MP 0.13)	4	2	2WU	NO	NO	0.13	20	*		9				124		8							
2024CPT.01.07.20582	Martin	12	SR-1301 / WEST GREEN STREET	FROM US 64 ALT (MP 0.00) TO EOM (MP 0.22)	4	2	2WU	NO	NO	0.22	24	*		4				235		15							
2024CPT.01.07.20582	Martin	13	SR-1350 / EVERETT STREET	FROM SR 1300 (CLAUDE GREEN ROAD) (MP 0.00) TO EOM (MP 0.06)	4	2	2WU	NO	NO	0.06	20	*		4				54		3							
2024CPT.01.07.20582	Martin	14	SR-1351 / PECAN STREET	FROM SR 1300 (CLAUDE GREEN ROAD) (MP 0.00) TO EOM (MP 0.04)	4	2	2WU	NO	NO	0.04	18	*		5				32		2							
2024CPT.01.07.20582	Martin	15	SR-1537 / BOBBY ROBERSON ROAD	FROM NC 171 (MP 0.00) TO SR 1536 (NATHAN ROBERSON ROAD) (MP 1.10)	4	2	2WU	NO	NO	1.10	20	*		20				981		64							
2024CPT.01.07.20582	Martin	16	SR-1573 / JIM MANNING ROAD	FROM SR 1530 (PINEY GROVE CHURCH ROAD) (MP 0.00) TO DEAD END (MP 0.27)	4	2	2WU	NO	NO	0.27	18	*		27				217		14							
2024CPT.01.07.20582	Martin	17	ALMOND LANE	FROM DEAD END (MP 0.00) TO SR 1501 (BIG MILL ROAD) (MP 0.09)	4	2	2WU	NO	NO	0.09	18	*						72		5							
TOTAL FOR PROJ NO. 2024CPT.01.07.20582										2.79		*		109				2,458		159							
GRAND TOTAL										12.49		1	254	394	16.99	23,045	2,865	11,274	3,469	946	210	8	7	500	200	8.50	1

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.01.07.20581, 2024CPT.01.07.20582	11	

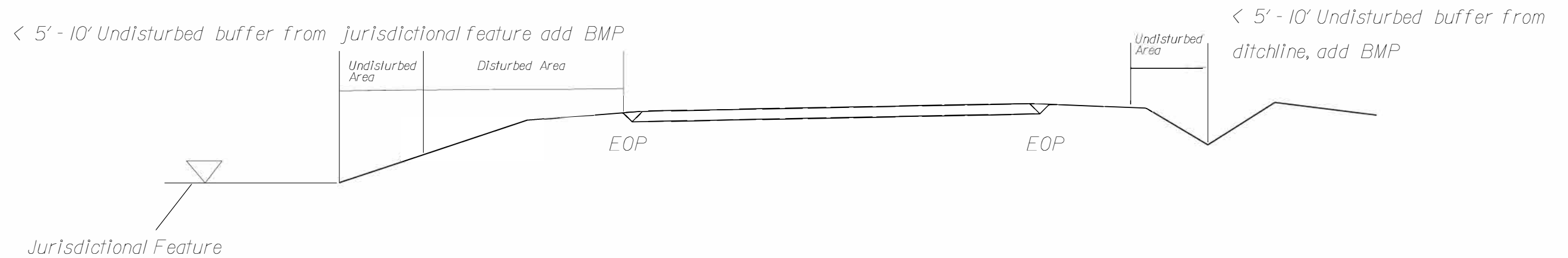
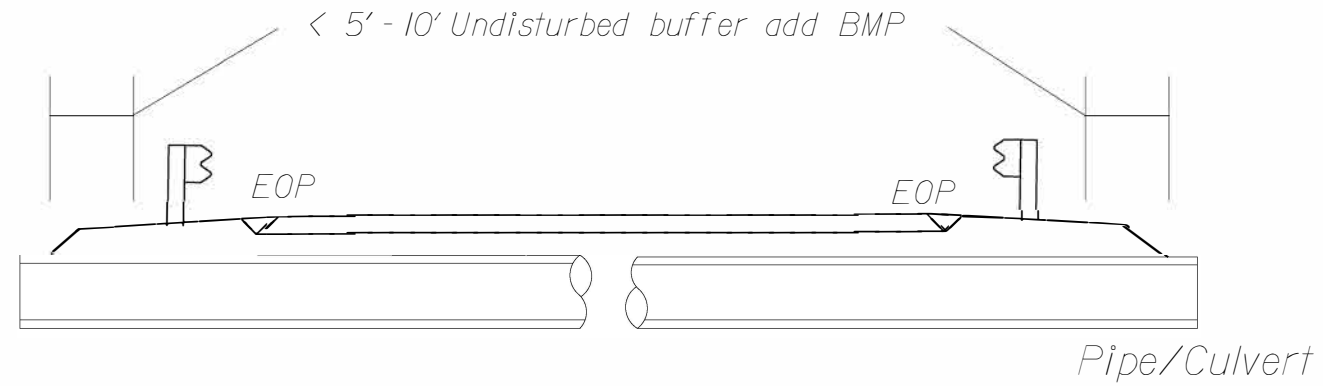
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH		WORK ZONE ADVANCE / GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	THERMO PAVEMENT MARKING LINES (24" 90 MILS) (SP)	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS), RXR	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW	4810000000-E		4825000000-E	4830000000-E	4835000000-E	4840000000-N	4845000000-N	4890000000-E						
								MI	FT								PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW						PAINT PAVEMENT MARKING LINES (12")	PAINT PAVEMENT MARKING LINES (16")	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING LINES (24")	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) WHITE	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) YELLOW	
								SF	LS								LF	LF						EA	EA	LF	LF	EA	EA	LF
2024CPT.01.07.20581	Martin	1	SR-1158 / ROGERSON ROAD	FROM SR 1159 (FLAT SWAMP ROAD) (MP 0.00) TO PITT COUNTY LINE (MP 1.60)	1	2	ZWU	1.60	19	150	1							16,896	10,560					16,896	10,560					
2024CPT.01.07.20581	Martin	2	SR-1159 / WEST THIRD STREET (SECTION #1)	FROM C&G (MP 2.20) TO NC 903 (MP 2.576)	2	2	ZWU	0.38	25	180	*															3,856				
2024CPT.01.07.20581	Martin	3	SR-1159 / EAST THIRD STREET (SECTION #2)	FROM NC 903 TO C&G	2	2	ZWU	0.83	36	120	*	80		90		20								20			11,716			
2024CPT.01.07.20581	Martin	4	SR-1159 / EAST THIRD STREET EXTENDED (SECTION #3)	FROM END OF C&G (MP 3.394) TO US 64 (MP 4.24)	1	2	ZWU	0.85	24	120	*		80	72	8			8,976	5,610			80	72	8		8,976	5,610			
2024CPT.01.07.20581	Martin	5	SR-1515 / J T HEATH ROAD	FROM SR 1514 (FAIRVIEW CHURCH RD.) TO SR 1500 (HOLLY SPRINGS CHURCH RD.)	1	2	ZWU	2.09	20	150	*							22,070	13,794							22,070	13,794			
2024CPT.01.07.20581	Martin	6	SR-1516 / THOROUGHFARE ROAD	FROM SR 1535 (HOLLOW POND ROAD) (MP 7.09) TO BEAUFORT COUNTY LINE (MP 9.48)	3	2	ZWU	2.38	20	254	*							25,362	15,798							25,362	15,798			
2024CPT.01.07.20581	Martin	7	SR-1544 / MAPLE GROVE CHURCH ROAD	FROM NC 171 (MP 0.00) TO SR 1538 (E H WILLIAMS ROAD) (MP 1.582)	1	2	ZWU	1.58	18	120	*							16,705	10,441							16,705	10,441			
TOTAL FOR PROJ NO. 2024CPT.01.07.20581																		90,009	71,775			162	8	20	8	20	90,009	71,775		
																161,784												161,784		
2024CPT.01.07.20582	Martin	8	SR-1110 / JENNY HARRISON ROAD	FROM SR 1109 (HARRISON ROAD) (MP 0.00) TO DEAD END (MP 0.25)	4	2	ZWU	0.25	18	48	*																			
2024CPT.01.07.20582	Martin	9	SR-1121 / ELI BOWEN ROAD	FROM SR 1001 (BEAR GRASS ROAD) (MP 0.00) TO EOM (MP 0.40)	4	2	ZWU	0.4	20	48	*																			
2024CPT.01.07.20582	Martin	10	SR-1195 / REDDICK TRAILER PARK ROAD	FROM DEAD END (MP 0.00) TO SR 1115 (WHITE ROAD) (MP 0.23)	4	2	ZWU	0.23	18	48	*																			
2024CPT.01.07.20582	Martin	11	SR-1214 / BRIVERSHAR DRIVE	FROM SR 1001 (BEAR GRASS ROAD) (MP 0.00) TO DEAD END (MP 0.13)	4	2	ZWU	0.13	20	48	*							1,372	858							1,372	858			
2024CPT.01.07.20582	Martin	12	SR-1301 / WEST GREEN STREET	FROM US 64 ALT (MP 0.00) TO EOM (MP 0.22)	4	2	ZWU	0.22	24	48	*																			
2024CPT.01.07.20582	Martin	13	SR-1350 / EVERETT STREET	FROM SR 1300 (CLAUDE GREEN ROAD) (MP 0.00) TO EOM (MP 0.06)	4	2	ZWU	0.06	20	48	*																			
2024CPT.01.07.20582	Martin	14	SR-1351 / PECAN STREET	FROM SR 1300 (CLAUDE GREEN ROAD) (MP 0.00) TO EOM (MP 0.04)	4	2	ZWU	0.04	18	48	*																			
2024CPT.01.07.20582	Martin	15	SR-1537 / BOBBY ROBERSON ROAD	FROM NC 171 (MP 0.00) TO SR 1536 (NATHAN ROBERSON ROAD) (MP 1.10)	4	2	ZWU	1.1	20	48	*							11,299	7,062							11,299	7,062			
2024CPT.01.07.20582	Martin	16	SR-1573 / JIM MANNING ROAD	FROM SR 1530 (PINEY GROVE CHURCH ROAD) (MP 0.00) TO DEAD END (MP 0.27)	4	2	ZWU	0.27	18	48	*							2,851	1,782							2,851	1,782			
2024CPT.01.07.20582	Martin	17	ALMOND LANE	FROM DEAD END (MP 0.00) TO SR 1501 (BIG MILL ROAD) (MP 0.09)	4	2	ZWU	0.09	18	48	*							15,522	9,702							15,522	9,702			
TOTAL FOR PROJ NO. 2024CPT.01.07.20582																		15,522	9,702							15,522	9,702			
																25,224												25,224		
GRAND TOTAL																				105,531	81,477			162	8	20	8	20	105,531	81,477
																187,008												187,008		

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

BMP Options: Wattle or Silt Fence

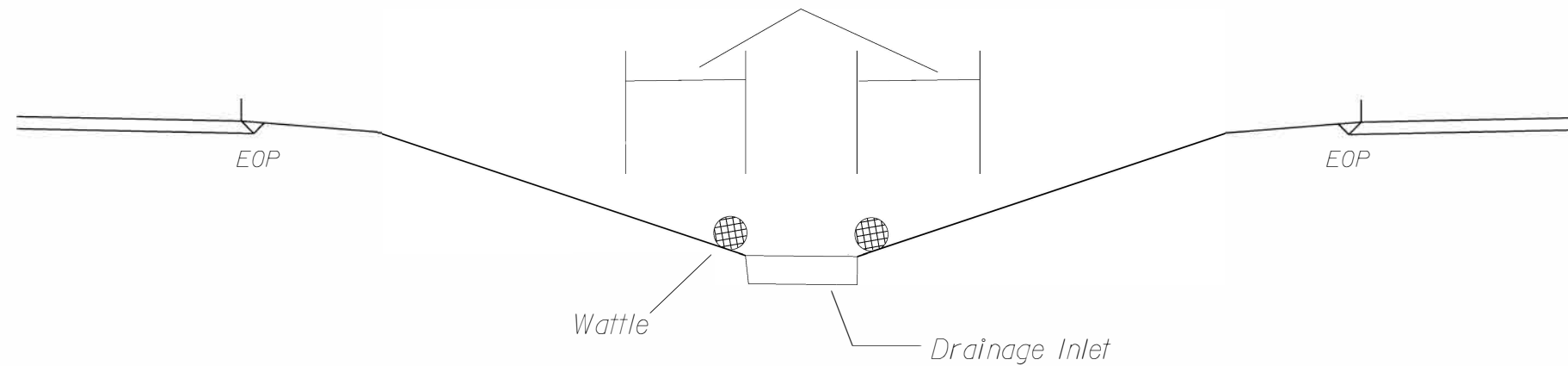
EROSION CONTROL DETAIL



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

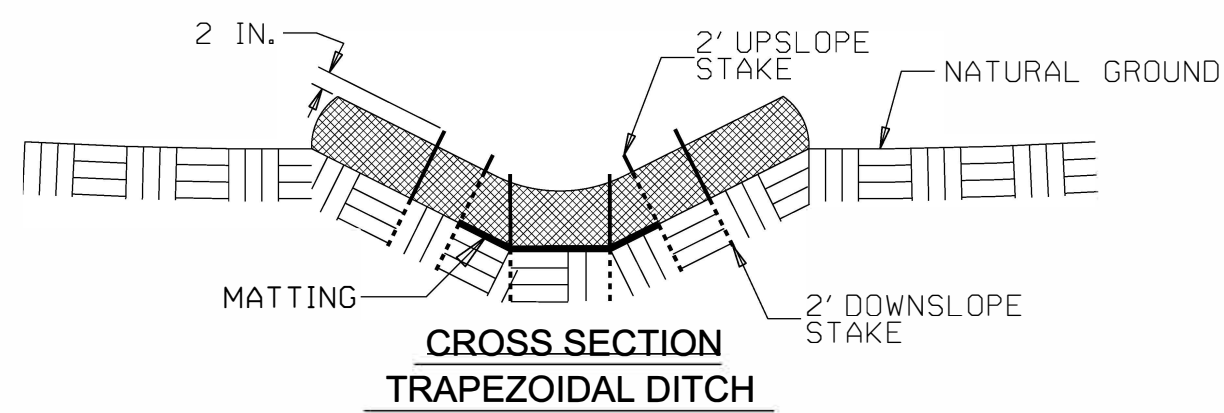
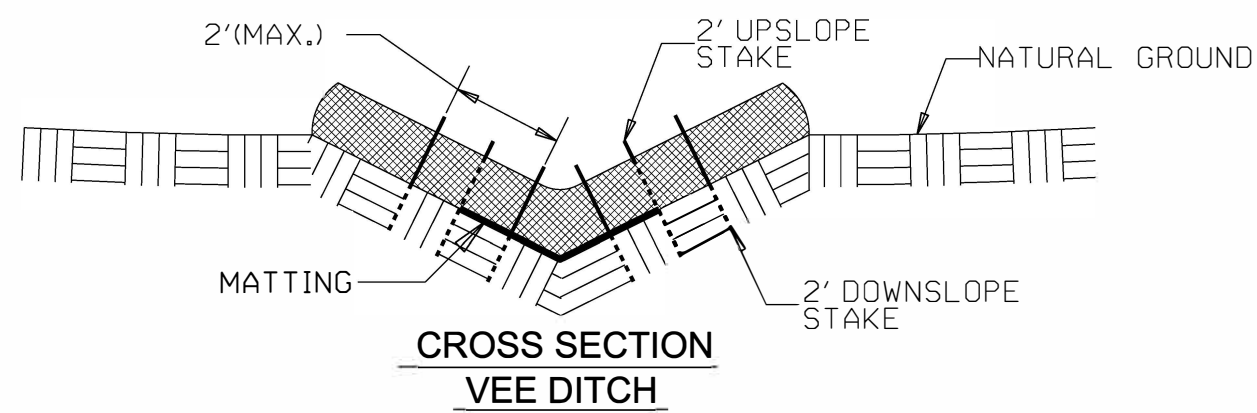
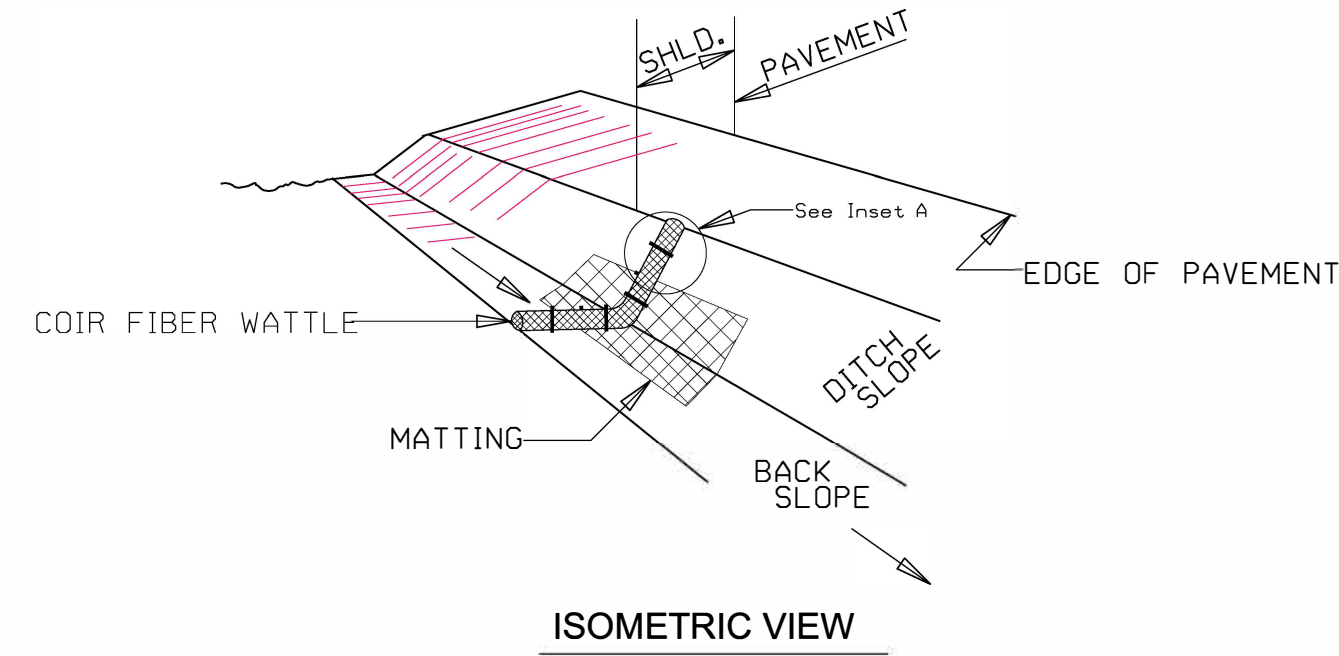


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

COIR FIBER WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.

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

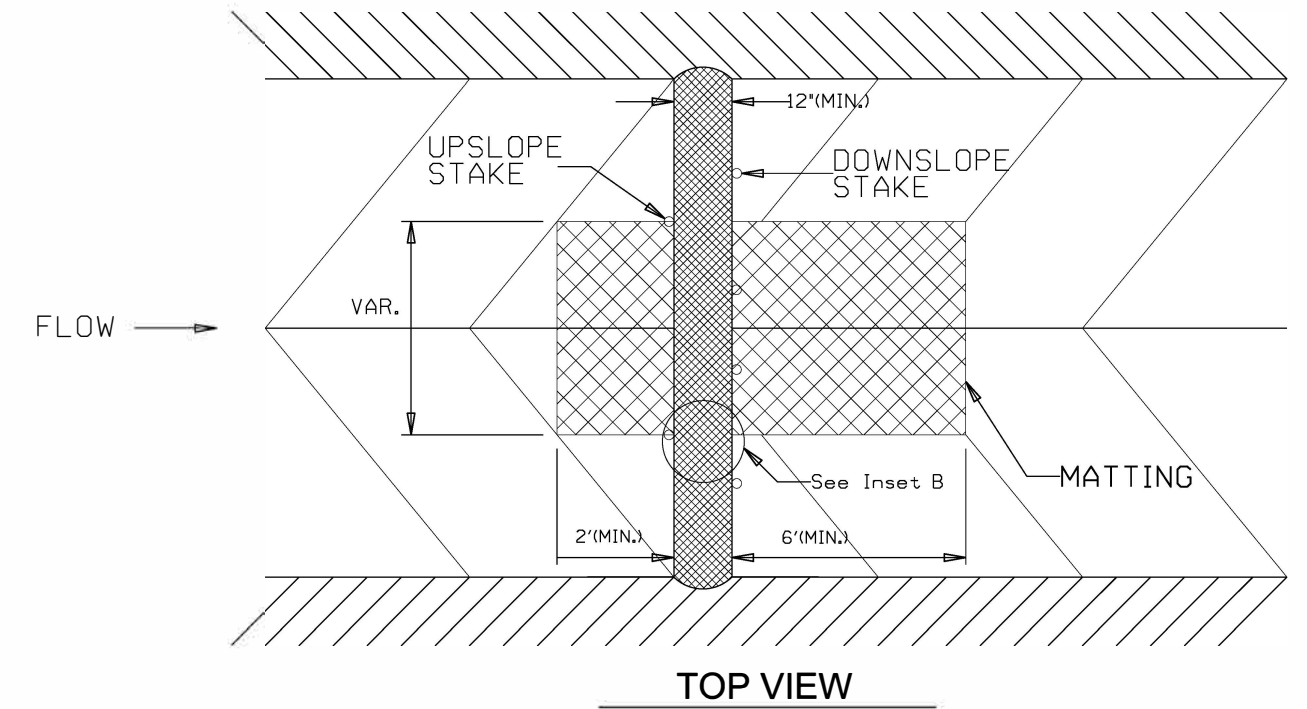
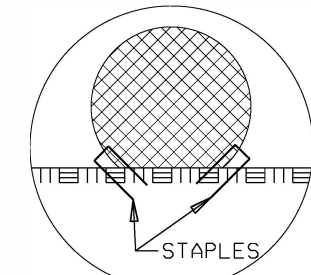
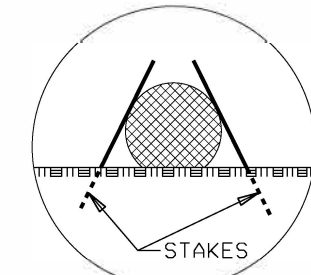
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



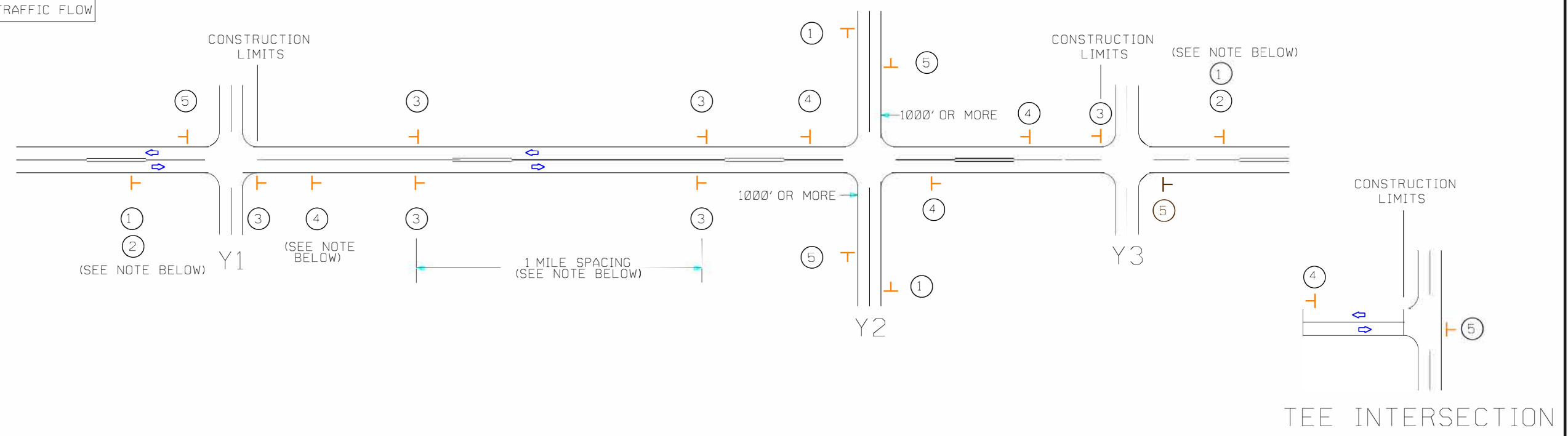
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
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.








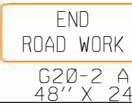
SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW



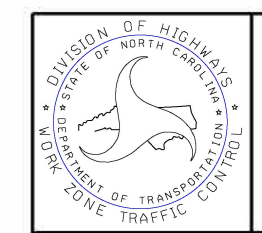
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>①  ROAD WORK AHEAD W20-1 48" X 48"</p> <p>②  NEXT W7-3aP 24" X 18" ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH.</p>	<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" </div> </div>
	<p>③  LOW/SOFT SHOULDER SP 13107 48" X 48"</p> <p> UNMARKED PAVEMENT SP 48" X 48"</p>	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 5/64 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	<p>④  ROAD UNDER CONST SP 13106 48" X 48"</p>	<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p>	
	<p>⑤  END ROAD WORK G20-2 A 48" X 24"</p>	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>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.</p>		

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\$\$\$\$
 \$\$\$SUBSERNAME\$\$\$