

STATE OF NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION HIGHWAY DIVISION 6

PLANS

Let Date: September 16, 2026

CONTRACT ID: DF00571

TIP NO.: -----

FEDERAL AID NO.: STATE FUNDED

WBS ELEMENT NO.: 2027CPT.06.11.10091.1

ROUTE NO.: NC 53

LOCATION: FROM SR 1326 TO CUMBERLAND COUNTY

COUNTY: BLADEN

TYPE OF WORK: MICRO SURFACING & SEALING EXISTING JOINTS AND CRACKS

LENGTH OF PROJECT: 7.03 MILES

Bladen County Micro Surfacing

Contract: DF00571

N



C U M B E R L A N D

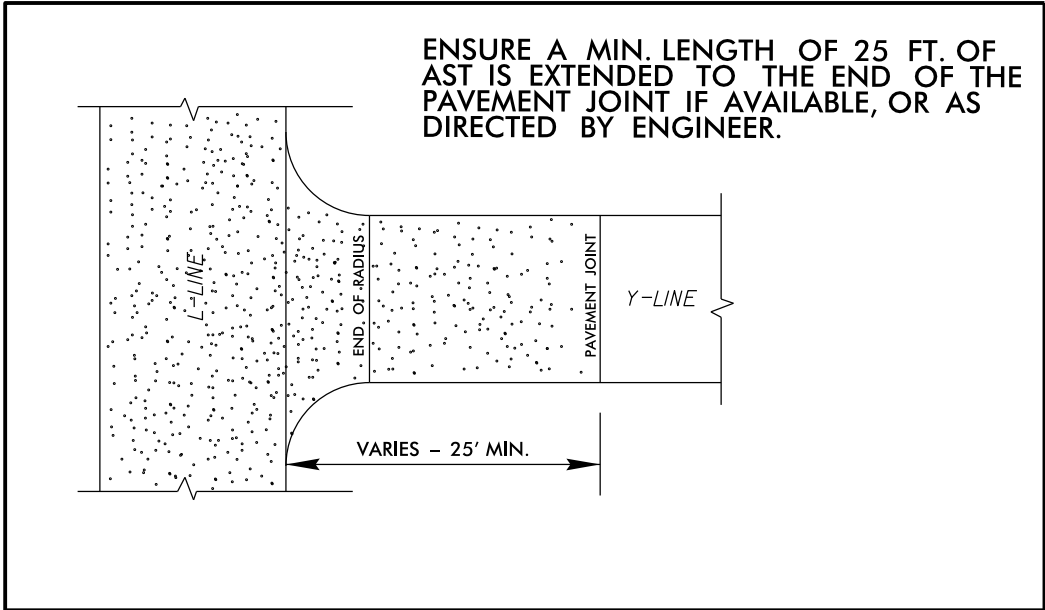


18-AUG-2026 16:50
333N157WAVE
3\2026\Resurfacing\DF00571.2027CPT.06.11.100911.1.Fall 2026 Microsurface.Bladen\Plans\typ.dgn

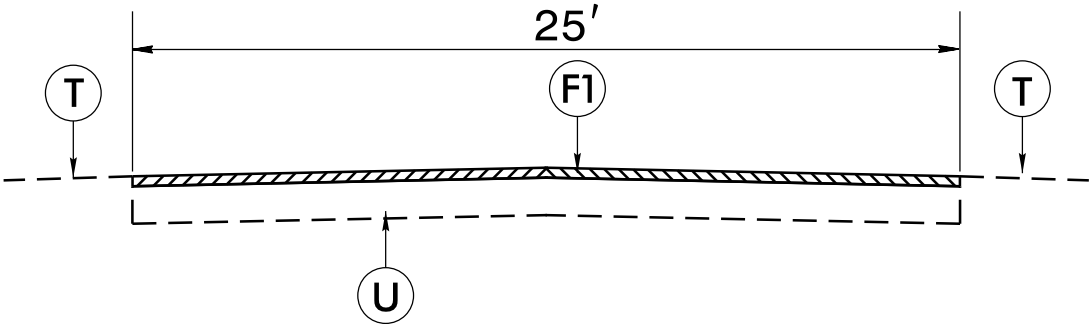
PAVEMENT SCHEDULE	
F1	LATEX MODIFIED MICROSURFACING, DOUBLE COURSE, TYPE III / TYPE II APPLY THE TYPE II AT AN AVERAGE RATE OF 16 TO 20 LBS. PER SQ. YD. APPLY THE TYPE III AT A MINIMUM RATE OF 20 LBS. PER SQ. YD. THE COMBINED MINIMUM RATE SHALL BE 36 LBS. PER SQ. YD.
T	EXISTING SHOULDER
U	EXISTING ASPHALT PAVEMENT

NOTE:

THE TYPE III/TYPE II DOUBLE COURSE MICRO SURFACING IS TO BE APPLIED WITH TYPE III LEVELING COURSE ON THE BOTTOM LAYER, AND TYPE II SURFACE COURSE ON THE TOP LAYER.



DETAIL 1
-Y- LINE INTERSECTION TREATMENT



TYPICAL SECTION NO. 1

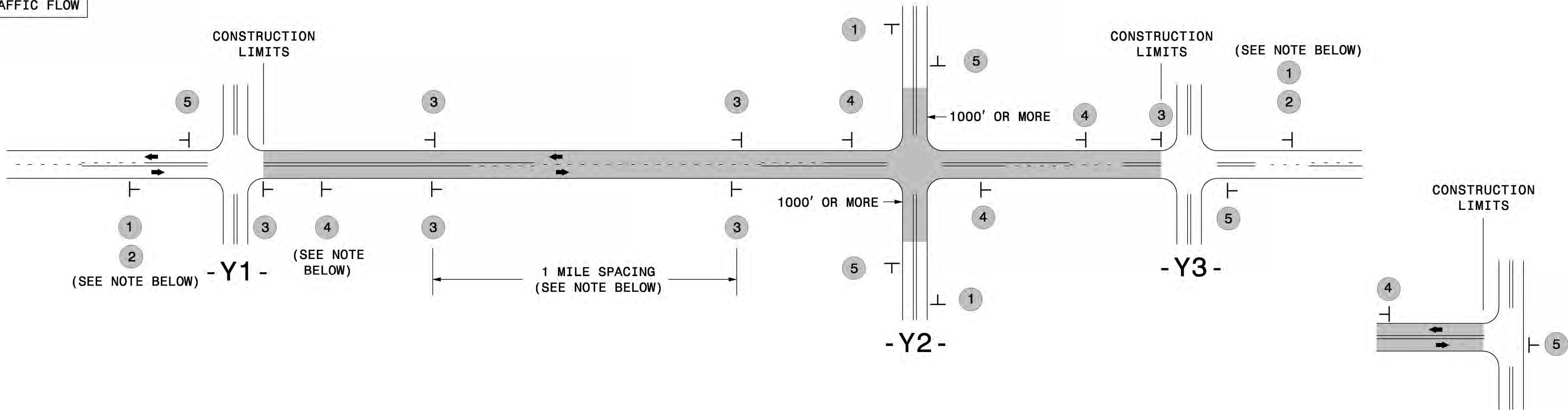
*PLUS SEALING OF EXISTING JOINTS AND CRACKS

SIGNING FOR RESURFACING PROJECTS

LEGEND

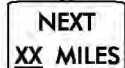
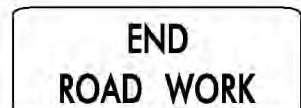
STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1  W20-1 48" X 48" 2  W7-3aP 24" X 18" <td>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)</td>	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)	
	3  SP 13107 48" X 48" <td> - 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. </td>	- 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" <td> - 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. </td>	- 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" <td>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</td>	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.		

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.	
 W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.	 W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.

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ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.06.11.10091.1		

SUMMARY OF QUANTITIES

												1702000000-E	1891000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	SEAL EXISTING PAVEMENT CRACKS & JOINTS	MICROSURFACE DOUBLE COURSE TYPE II/TYPE III
								MI	FT				
2027CPT.06.11.10091.1	Bladen	1	NC-53 N / NC 53 HWY W	FROM SR 1326 TO CUMBERLAND CO.	1	2	2WU	7.030	25	40.501	47.531	21,090	103,107
TOTAL FOR MAP NO. 1								7.030				21,090	103,107
TOTAL FOR PROJ NO. 2027CPT.06.11.10091.1								7.030				21,090	103,107
GRAND TOTAL								7.030				21,090	103,107

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.06.11.10091.1		

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N	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/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	4" YELLOW PAINT	YELLOW & YELLOW MARKERS
								MI	FT			SF	LS	LF	LF	LF	EA
2027CPT.06.11.10091.1	Bladen	1	NC-53 N / NC 53 HWY W	FROM SR 1326 TO CUMBERLAND CO.	1	2	2WU	7.03	25	40.501	47.531	221	1.00	75,643	19,020	19,020	464
TOTAL FOR MAP NO. 1								7.03				221	1.000	75,643	19,020	19,020	464
TOTAL FOR PROJ NO. 2027CPT.06.11.10091.1								7.03				221	1.000	75,643	19,020	19,020	464
														94,663			
GRAND TOTAL								7.03				221	1.000	75,643	19,020	19,020	464
														94,663			