

2026CPT.12.19.20231

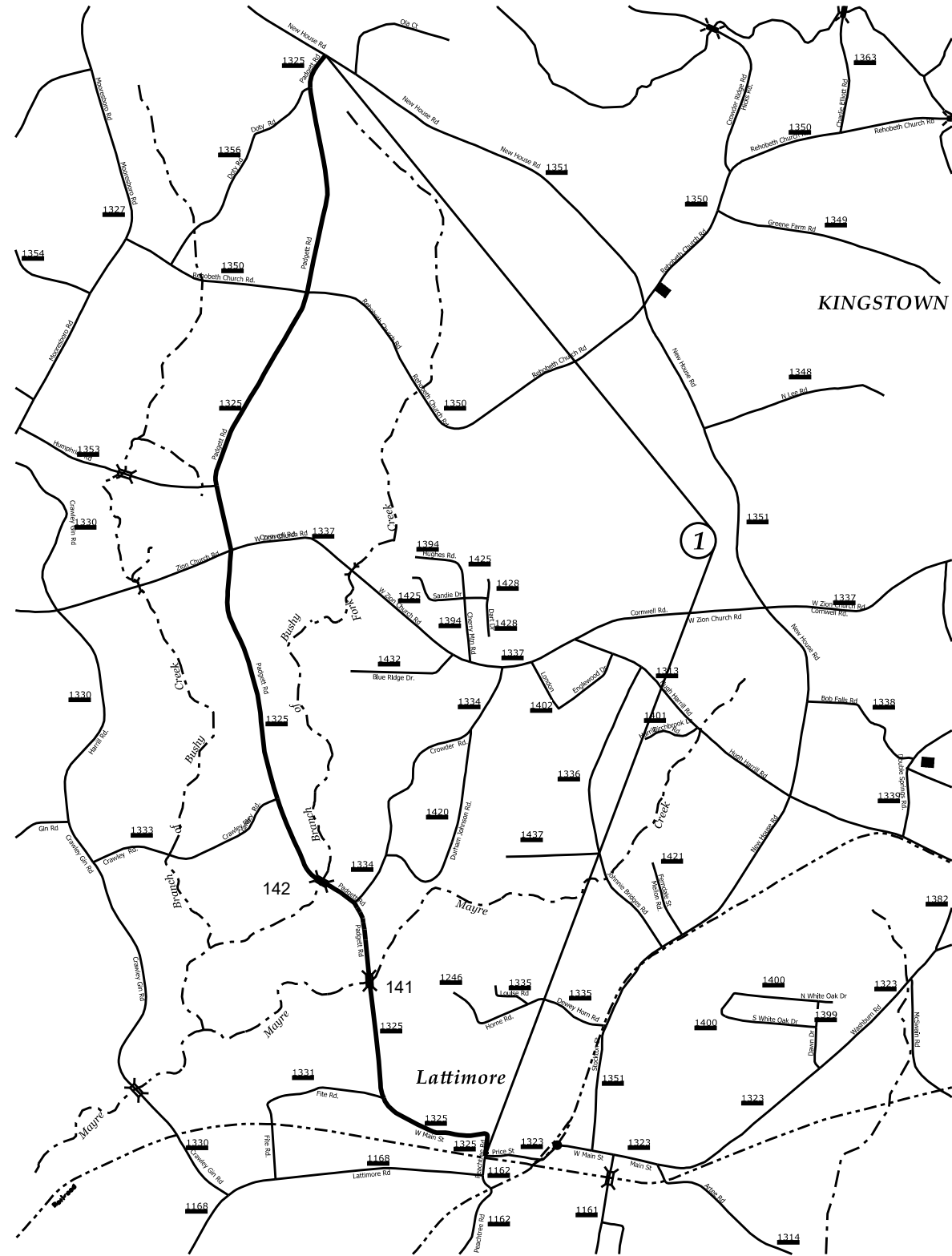
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DL00365

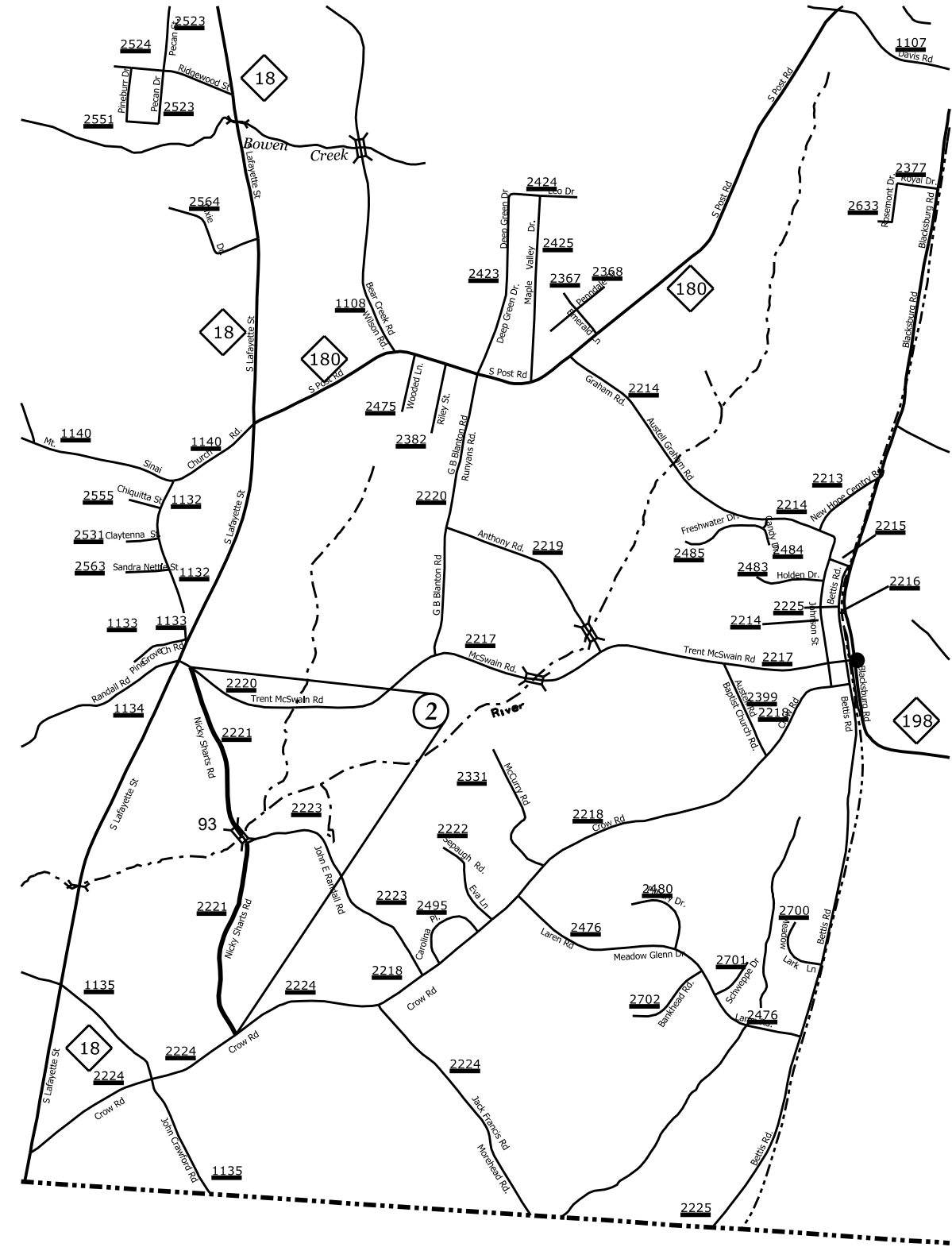
CLEVELAND CO. RESURFACING MAP 1



No Scale

WBS Number	Sheet No.
2026CPT.12.19.20231	2

CLEVELAND CO. RESURFACING MAP 2



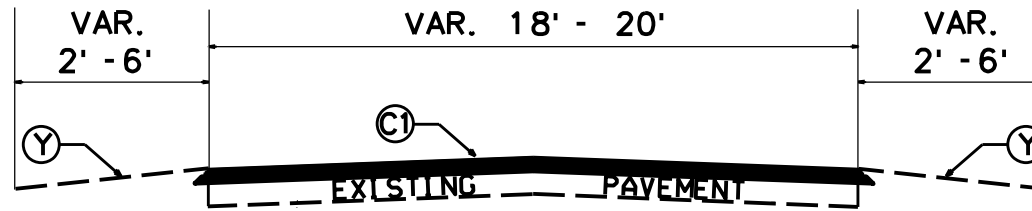
South Carolina

No Scale

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
Y	SHOULDER RECONSTRUCTION
Z	INCIDENTAL MILLING AS DIRECTED BY THE ENGINEER.

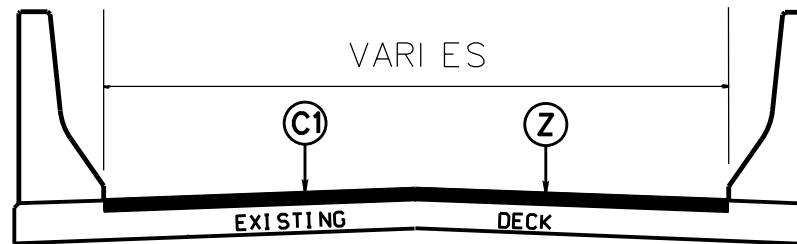
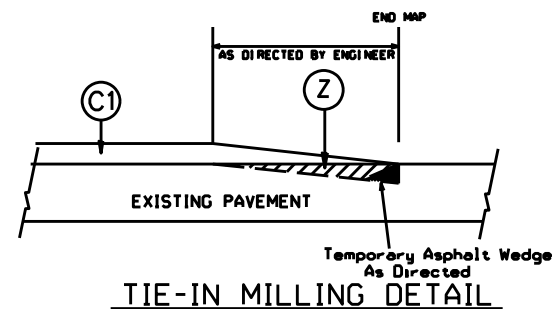
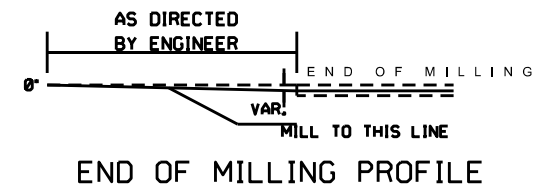
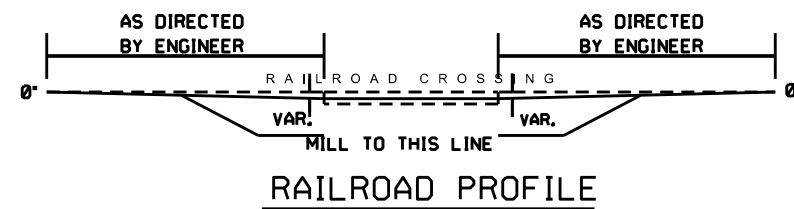
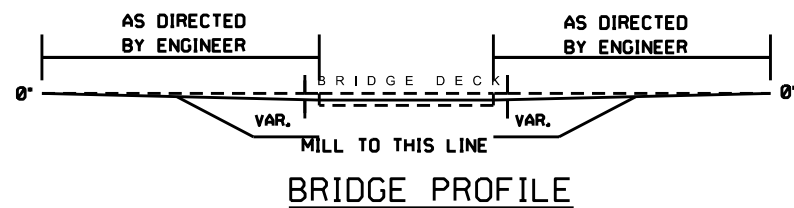
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
CLEV COUNTY 2026	3	7
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
2026CPT.12.19.20231		DL00365

- NOTES:
- PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
 - MILL BRIDGE APPROACHES & RXR APPROACHES 100' TO PROVIDE A SMOOTH TRANSITION AS DIRECTED.
 - MAINTAIN PROPER CROWN FOR DRAINAGE OF THE ROAD SURFACE.



TYPICAL SECTION NO. 1
(MAPS 1, 2)

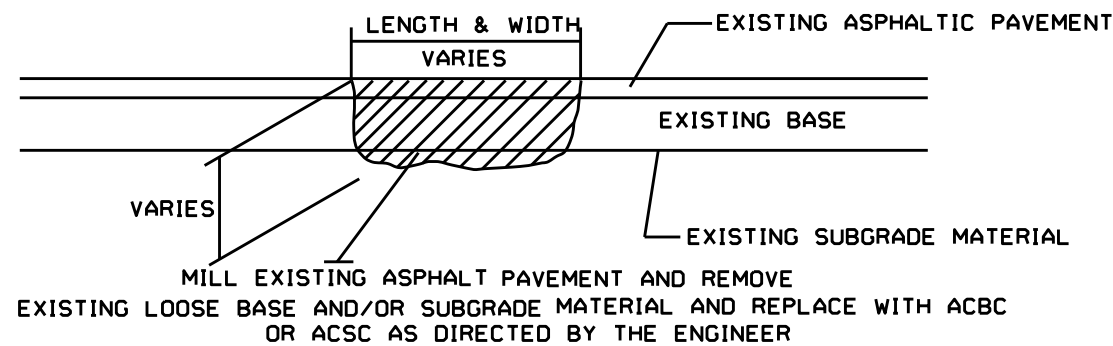
INCIDENTAL MILLING DETAILS



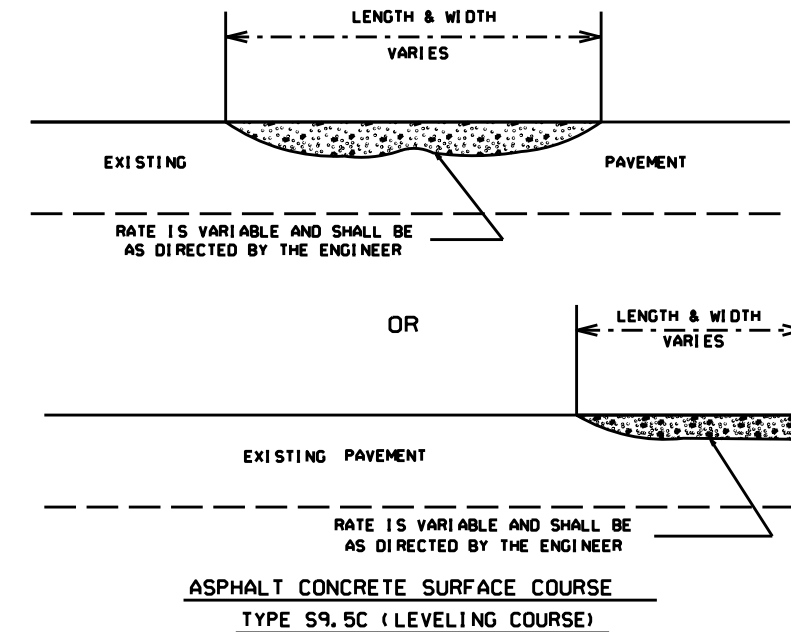
ASPHALT BRIDGE SECTION

(Maps 1 & 2) as directed

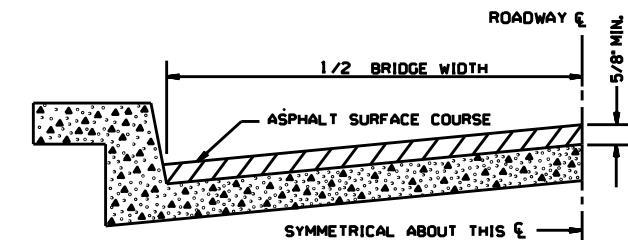
** Do not mill bridge # 142 -Timber Deck - coordinate with Bridge Maintenance Dept.



PATCHING EXISTING PAVEMENT



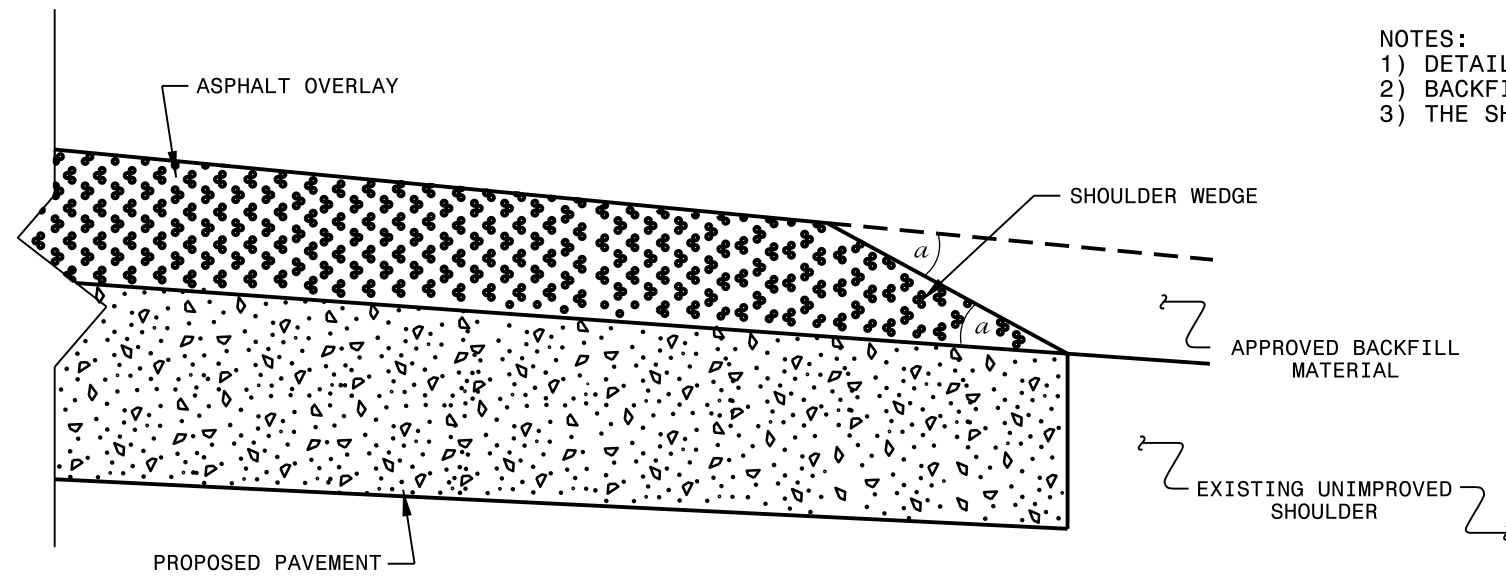
ASPHALT CONCRETE SURFACE COURSE
TYPE S9.5C (LEVELING COURSE)



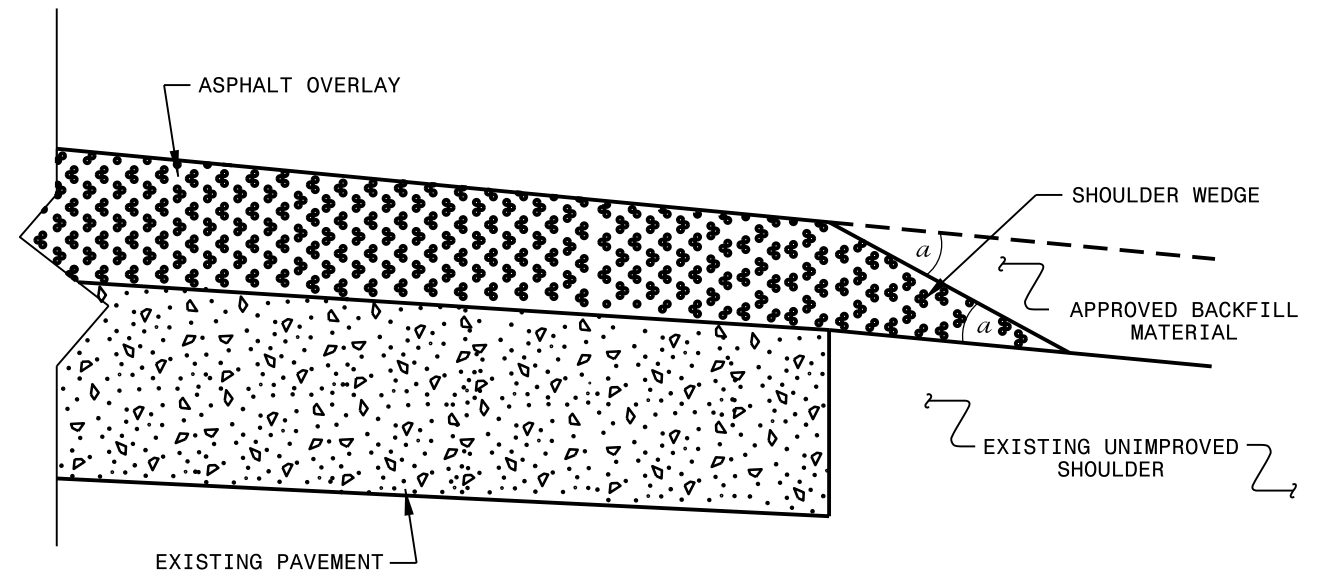
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 1" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1-1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

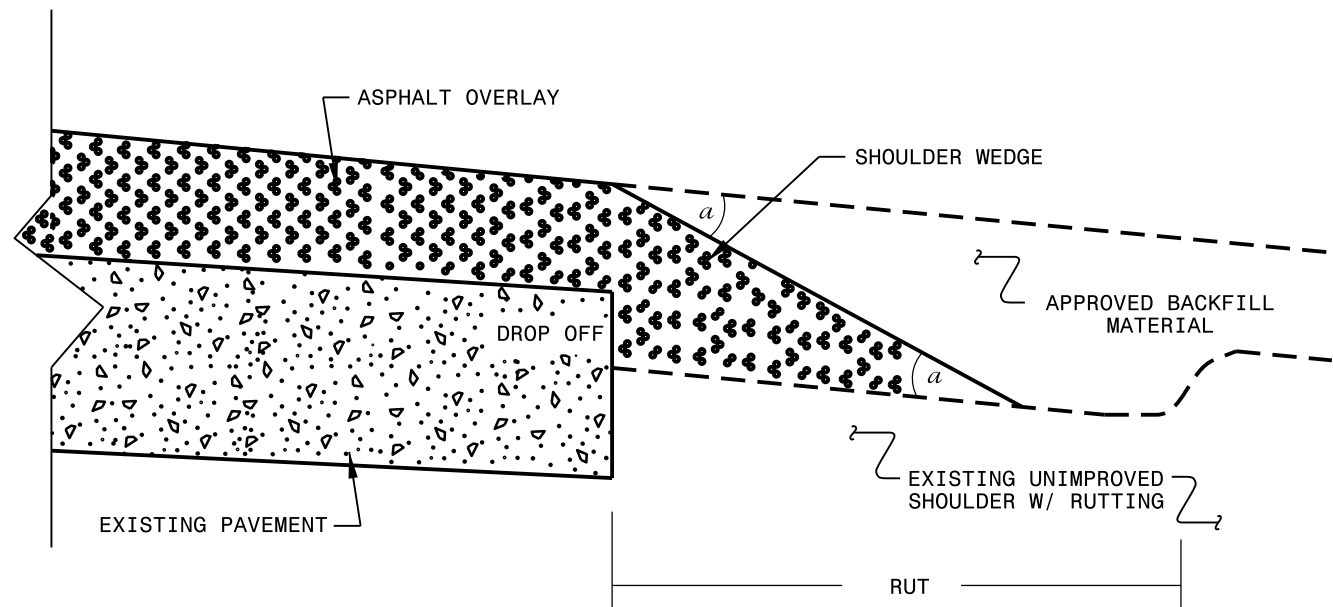
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)

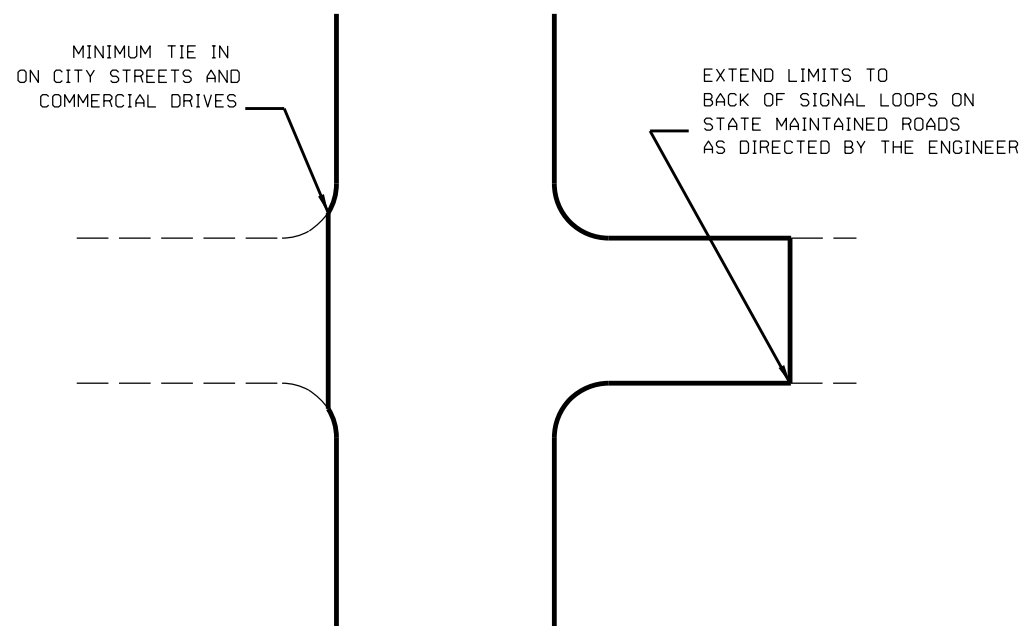


SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

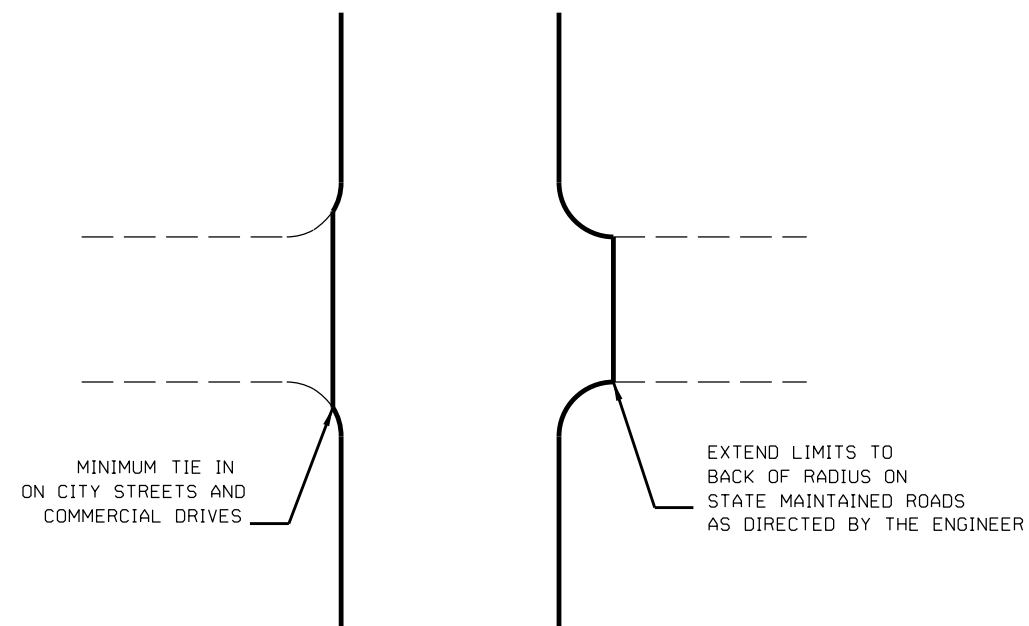
- SHOULDER WEDGE ANGLE = 30°

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.: susr/details/stand/shoulderwedgedetail.dgn			

SYSTEMS DESIGN
USER NAME



TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius or loop on the following intersections:

MAP#	STREET NAME	COMMENTS
1	SR 1356 DOTY RD	BACK OF RADIUS
1	SR 1350 REHOBETH CHURCH RD	BACK OF RADIUS
1	VINTAGE WOODS CT	MINIMUM TIE IN ON CITY STREETS
1	SR 1353 HUMPHRIES RD	BACK OF RADIUS
1	SR 1333 CRAWLEY RD	BACK OF RADIUS
1	SR 1334 CROWDER RD	BACK OF RADIUS
1	SR 1331 FITE RD	BACK OF RADIUS
1	CROWDER GIN RD	MINIMUM TIE IN ON CITY STREETS
1	W MAIN ST	BACK OF RADIUS
1	DEPOT ST	MINIMUM TIE IN ON CITY STREETS
1	SR 1323 PRICE ST	BACK OF RADIUS
2	AUTUMN LN	MINIMUM TIE IN ON CITY STREETS
2	SR 2223 JOHN E RANDALL RD	BACK OF RADIUS

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.12.19.20231	6	7

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	0255000000-E	1220000000-E	1245000000-E	1330000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E
												AGGREGATE SHOULDER BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT
												TON	TONS	SMI	SY	TONS	TONS	TONS	TONS
2026CPT.12.19.20231	Cleveland	1	SR-1325 / PADGETT RD / PEACHTREE RD	FROM SR-1351 / NEW HOUSE RD TO THE SR-1323 / PRICE ST	1	2	2WU	4.66	18	0	4.66	1,631	120	9.32	1,500	4,579	1,049	383	1,054
TOTAL FOR MAP NO. 1								4.66				1,631	120	9.32	1,500	4,579	1,049	383	1,054
2026CPT.12.19.20231	Cleveland	2	SR-2221 / NICKEY SHARTS RD	FROM SR-2220 / TRENT MCSWAIN RD TO SR-2224 / CROW RD	1	2	2WU	1.06	20	0	1.06	371	30	2.12	550	1,156	265	98	289
TOTAL FOR MAP NO. 2								1.06				371	30	2.12	550	1,156	265	98	289
TOTAL FOR PROJ NO. 2026CPT.12.19.20231								5.72				2,002	150	11.44	2,050	5,735	1,314	481	1,343
GRAND TOTAL								5.72				2,002	150	11.44	2,050	5,735	1,314	481	1,343

THERMOPLASTIC AND PAINT QUANTITIES

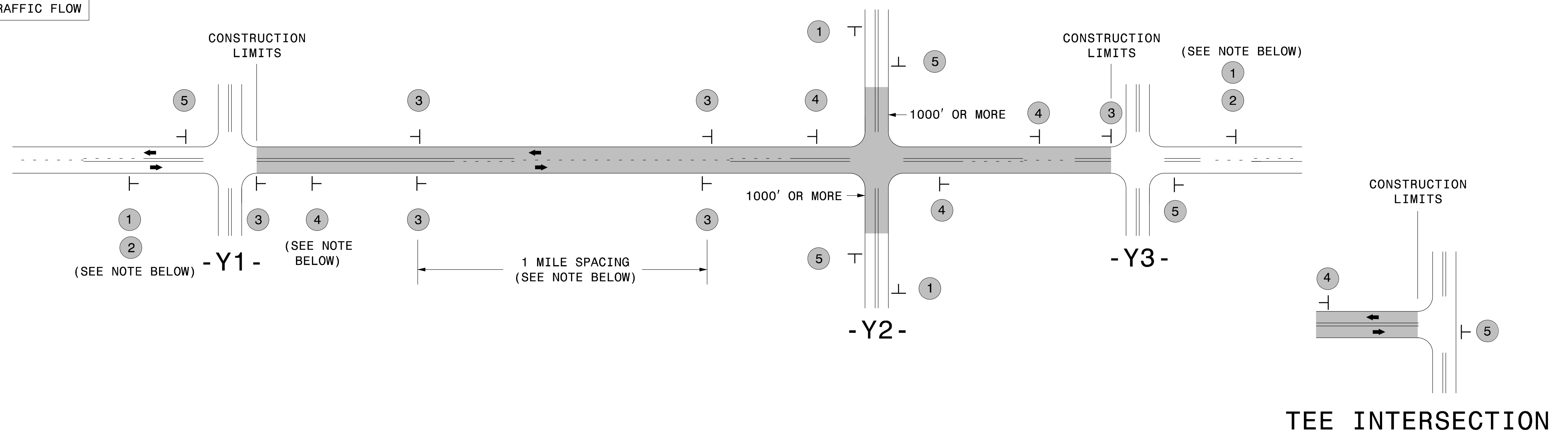
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4704000000-E	4709000000-E	4720000000-E	4810000000-E	4810000000-E
												WORK ZONE ADV/GEN WARNING SIGNS	TEMPORARY TRAFFIC CONTROL	16" x 90 M WHITE THERMO	24" x 90M WHITE THERMO	THERMO MSG RXR 90M	4" WHITE PAINT	4" YELLOW PAINT
												SF	LS				LF	LF
2026CPT.12.19.20231	Cleveland	1	SR-1325 / PADGETT RD / PEACHTREE RD	FROM SR-1351 / NEW HOUSE RD TO THE SR-1323 / PRICE ST	1	2	2WU	4.66	18	0	4.66	212	*	50	60	2	100,283	100,283
TOTAL FOR MAP NO. 1								4.66				212	*				100,283	100,283
2026CPT.12.19.20231	Cleveland	2	SR-2221 / NICKEY SHARTS RD	FROM SR-2220 / TRENT MCSWAIN RD TO SR-2224 / CROW RD	1	2	2WU	1.06	20	0	1.06	164	*				22,811	22,811
TOTAL FOR MAP NO. 2								1.06				164	*				22,811	22,811
TOTAL FOR PROJ NO. 2026CPT.12.19.20231								5.72				376	1	50	60	2	123,094	123,094
GRAND TOTAL								5.72				376	1	50	60	2	246,188	

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

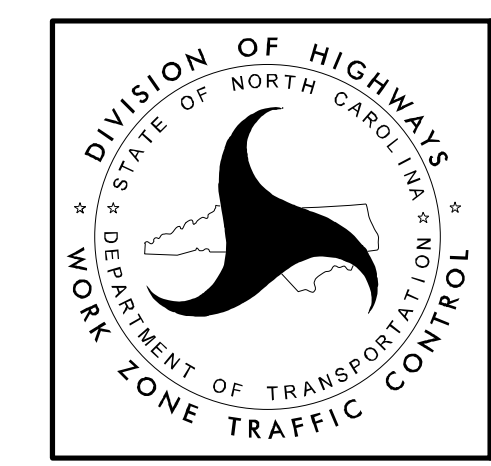
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		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" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#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		- 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		- 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		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

5/15/2017 S:\TUXWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn User:kadai