

PITT COUNTY

DB00520

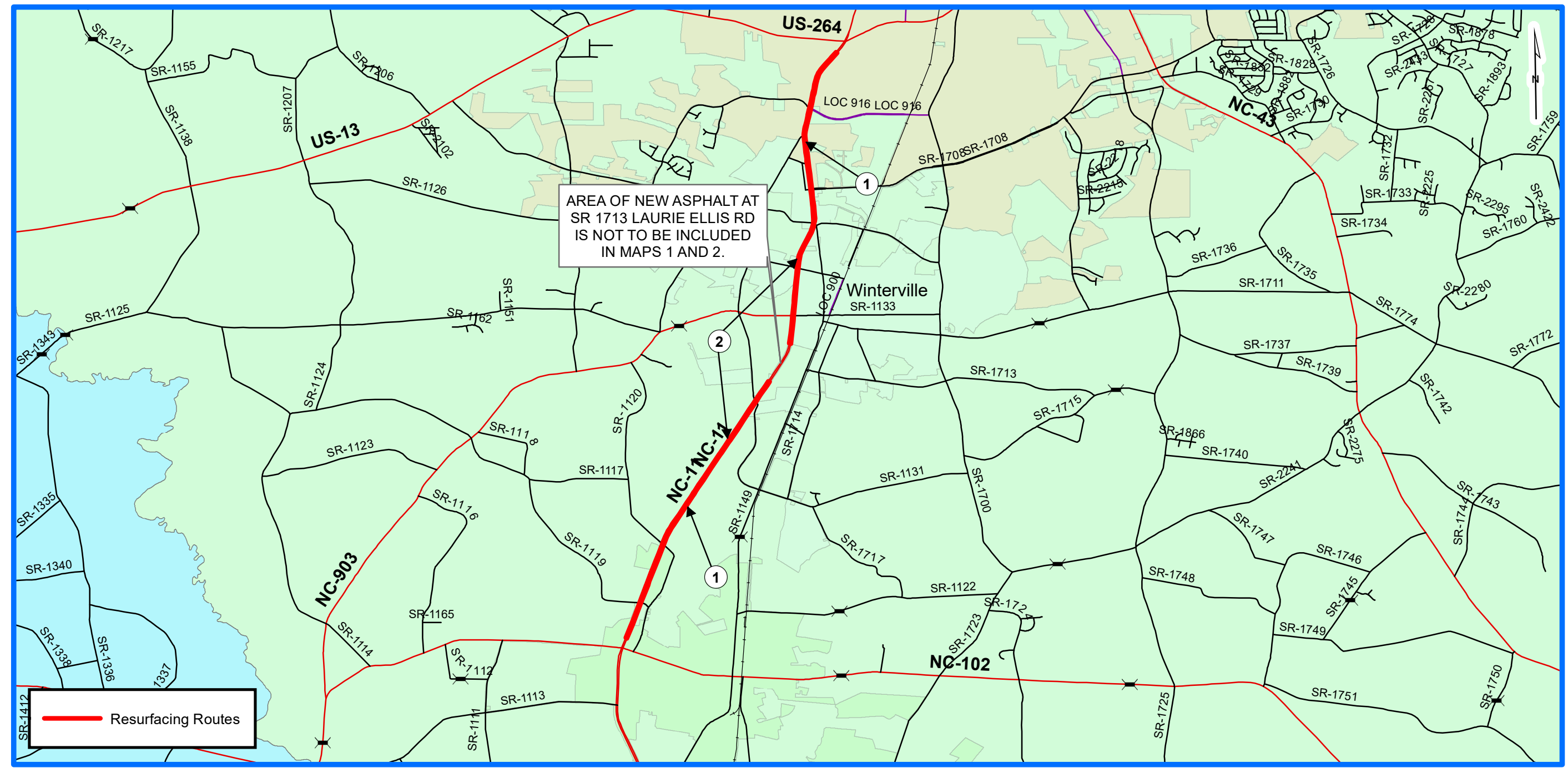
WBS# 2022CPT.02.20.10741

TYPE OF WORK: MILLING, RESURFACING

PROJECT REFERENCE NO. DB00520	SHEET NO. 1
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NCDOT
DIVISION 2



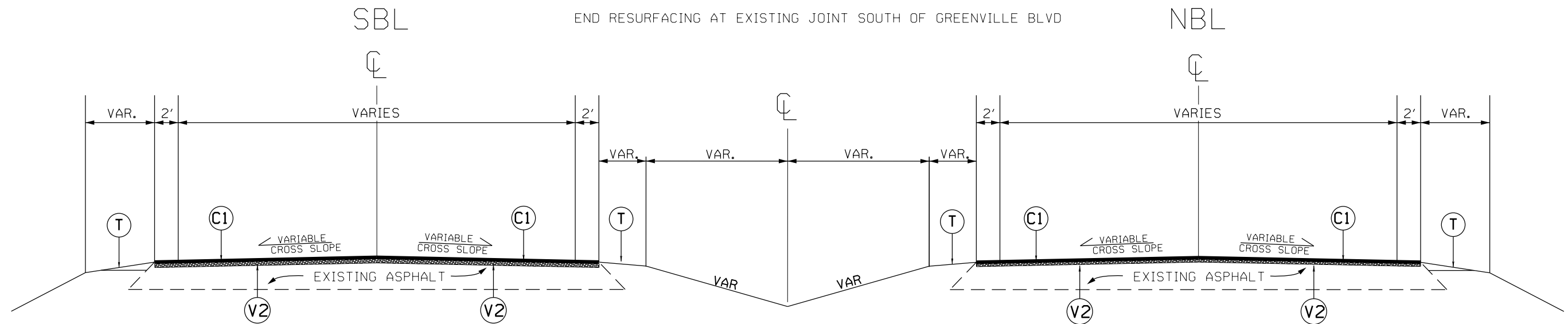
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
V2	MILLING DEPTH 2" FOR THE ENTIRE WIDTH OF ROADWAY
T	SHOULDER RECONSTRUCTION
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTION NO. 1

MAP 1,2

BEGIN RESURFACING AT EXISTING JOINT NORTH OF NC 102
END RESURFACING AT EXISTING JOINT SOUTH OF GREENVILLE BLVD

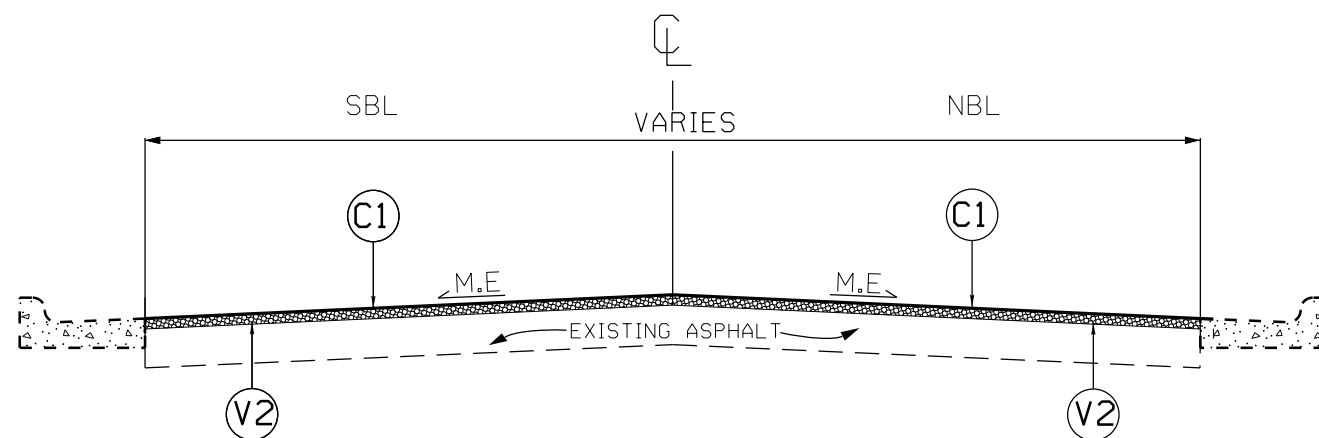


NOTE:

1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
2. INCLUDES INCIDENTAL MILLING AT Y-LINES AND CROSS OVERS OR AS DIRECTED BY THE ENGINEER.

TYPICAL SECTION NO. 2

MAP 1,2



NOTE:

1. PERFORM 2' DEPTH MILLING FROM CURB AND GUTTER TO CURB AND GUTTER, FULL WIDTH.
1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.

PAVEMENT SCHEDULE

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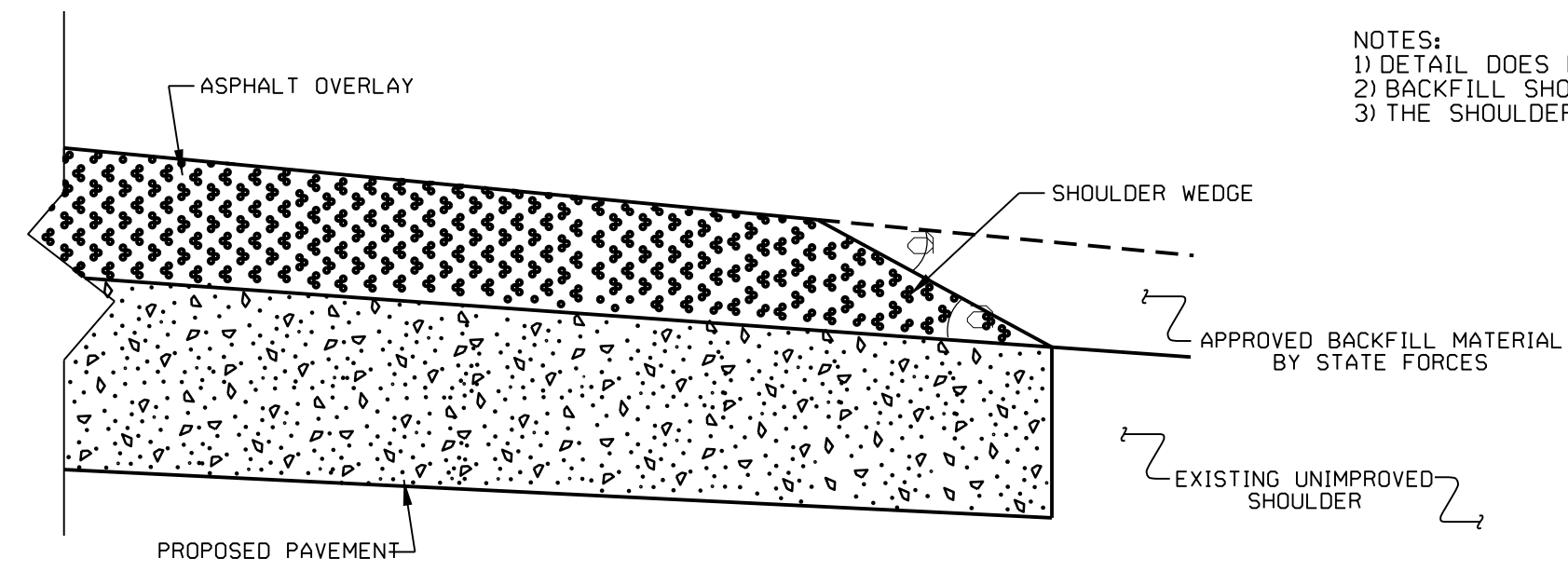
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

PROJECT NO.	SHEET NO.	TOTAL NO.
DB00520	4	

SUMMARY OF QUANTITIES

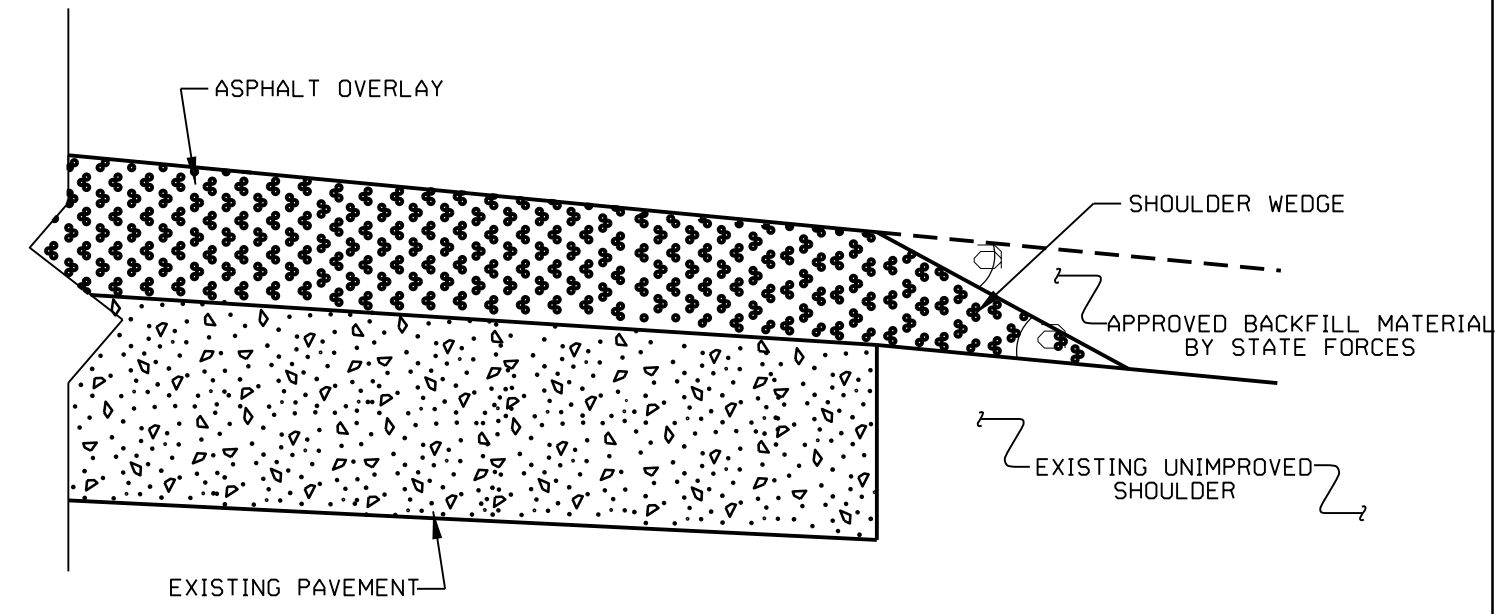
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1220000000-E	1297000000-E	1330000000-E	1523000000-E	1575000000-E	2752000000-E	2752000000-E	4413000000-E	4455000000-N	4457000000-N	4510000000-N		
												INCIDENTAL STONE BASE	2" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	2'6" CURB & GUTTER - REMOVE/REPLACE	CONCRETE VALLEY GUTTER - REMOVE/REPLACE	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	FLAGGER (DAILY)	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT		
												MI	FT	TONS	SY	SY	TONS	TONS	LF	LF	SF	MD	LS	HR
2022CPT.02.20.10741	Pitt	1	NC 11 - NBL	FROM NC 102 - AYDEN TO US 264 ALT/GREENVILLE BLVD	1 & 2	4	MD	NO	NO	5.90	44	224	150,000	13,000	17,000	1,020	50	39	700	8	0.28	50		
TOTAL FOR MAP NO. 1										5.90		224	150,000	13,000	17,000	1,020	50	39	700	8	0.28	50		
2022CPT.02.20.10741	Pitt	2	NC 11 - SBL	FROM NC 102 - AYDEN TO US 264 ALT/GREENVILLE BLVD	1 & 2	4	MD	NO	NO	5.90	44	224	150,000	13,000	17,000	1,020	83		700	8	0.28	50		
TOTAL FOR MAP NO. 2										5.90		224	150,000	13,000	17,000	1,020	83		700	8	0.28	50		
TOTAL FOR PROJ NO. 2022CPT.02.20.10741										11.80		448	300,000	26,000	34,000	2,040	133	39	1,400	16	0.56	100		
GRAND TOTAL										11.80		448	300,000	26,000	34,000	2,040	133	39	1,400	16	1	100		
					STA.	STA.		LENGTH	MAP															
CURB & GUTTER REPAIR					0+00	0+28		28' LT	1	NBL	WESTHAVEN RD													
					0+00	0+22		22' RT	1	NBL	WESTHAVEN RD													
					0+00	0+10		10' RT	2	SBL	MALL DR													
					0+00	0+17		17' RT	2	SBL	TICE RD													
					0+00	0+56		56' LT	2	SBL	DAVENPORT RD													
VALLEY GUTTER REPAIR					305+13	305+52		39' RT	1	NBL														

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.



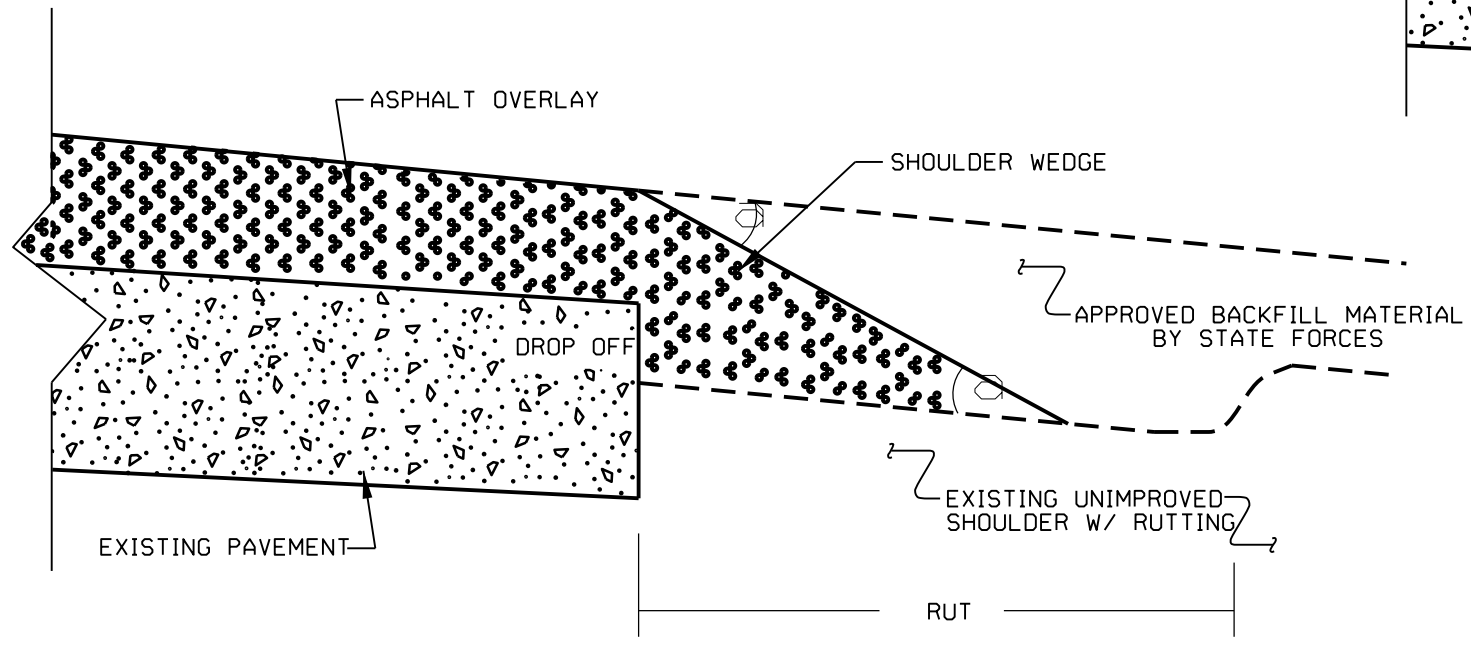
SHOULDER WEDGE DETAIL

(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)

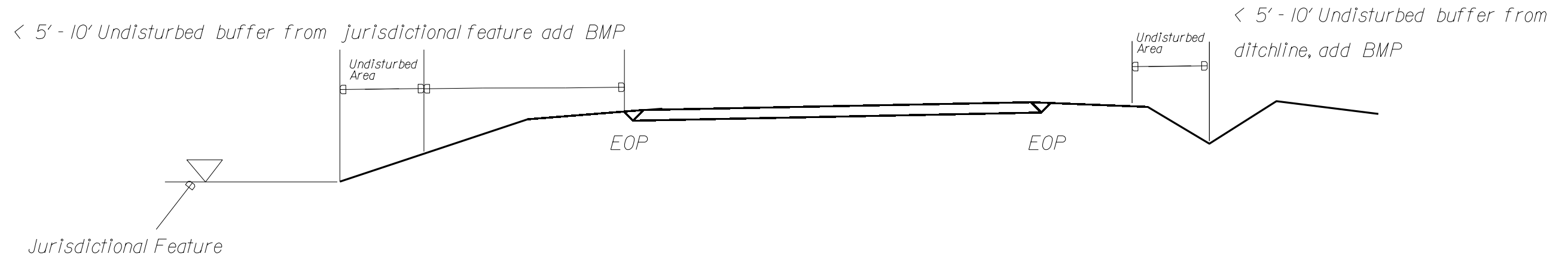
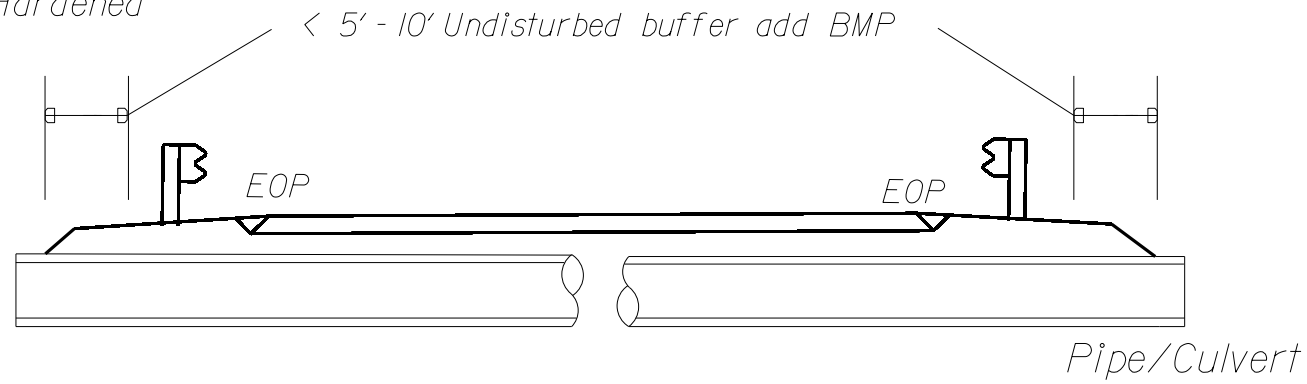
- SHOULDER WEDGE ANGLE = 30°

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.: sawp/details/stand/shoulder-wedgedetail.dgn		

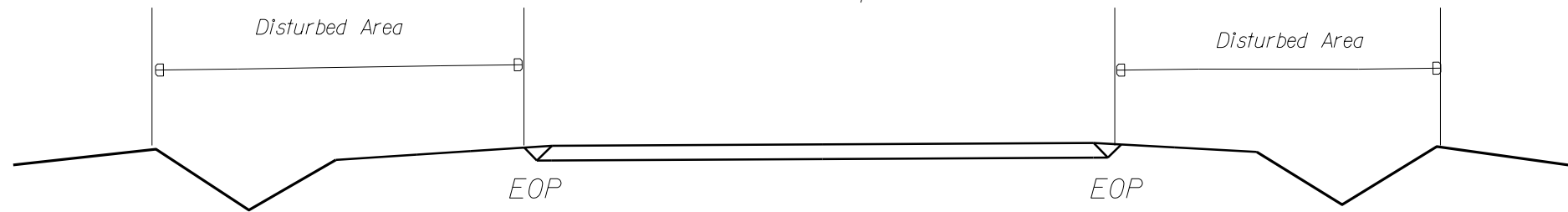
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

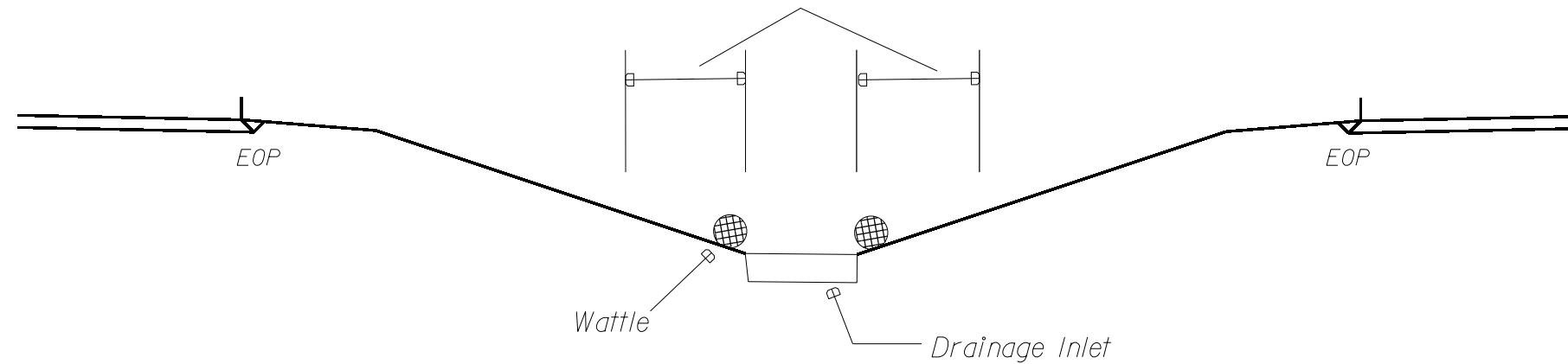
EROSION CONTROL DETAIL



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

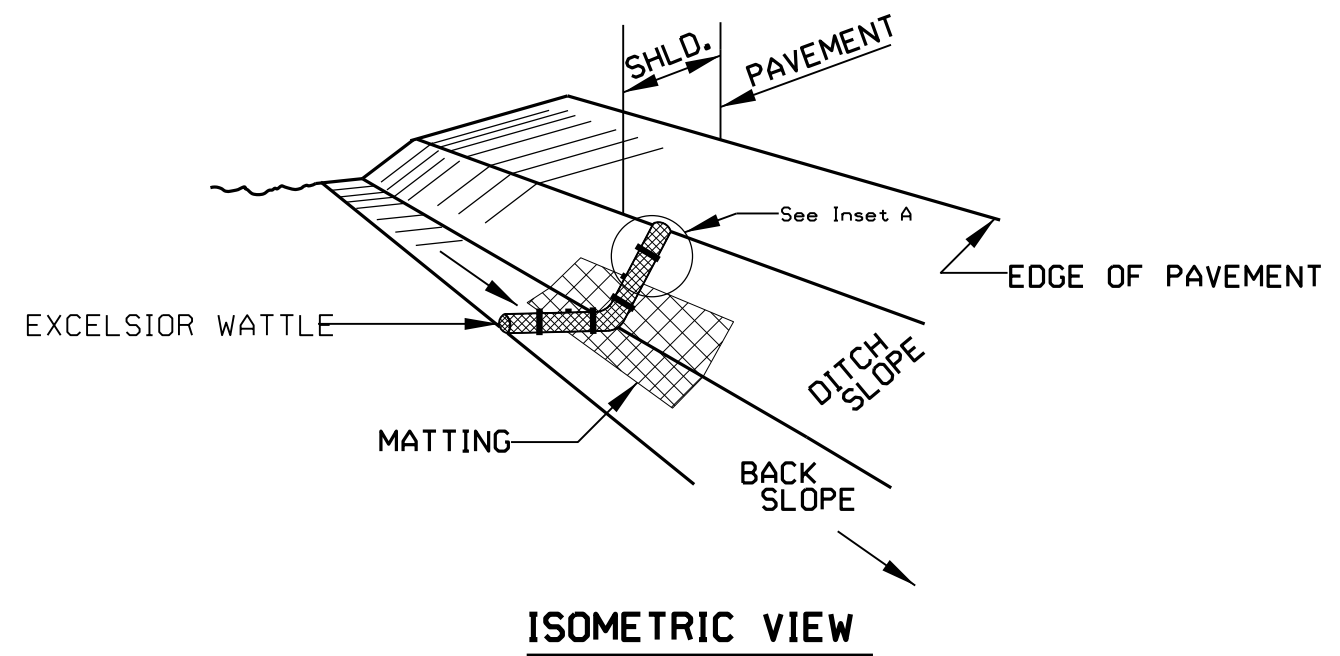


< 5' - 10' Undisturbed buffer from inlet, add wattle



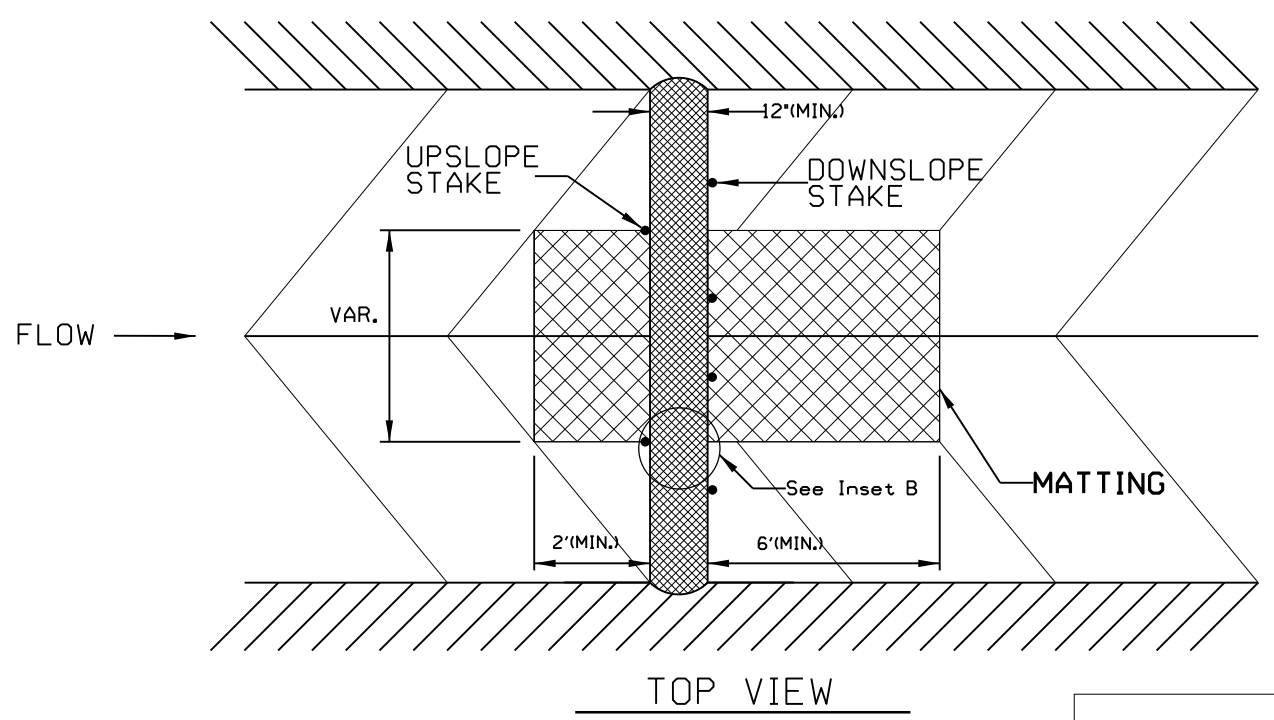
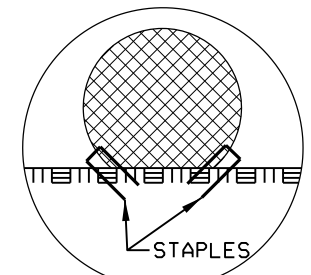
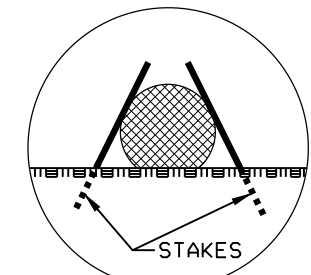
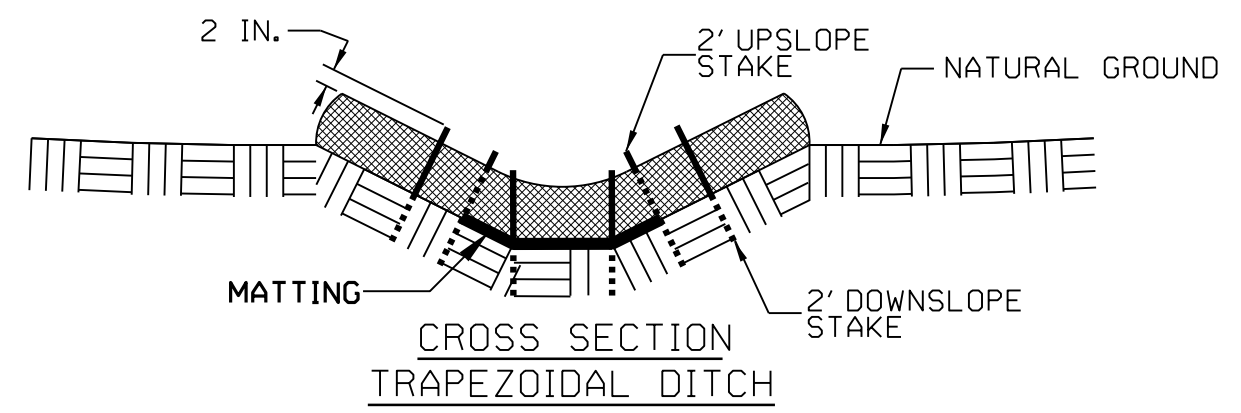
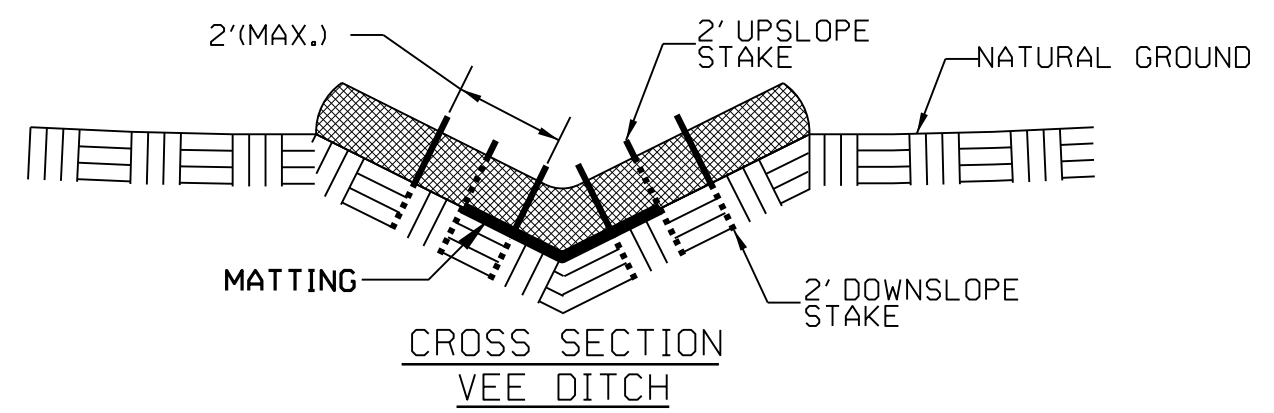
NOT TO SCALE

WATTLE DETAIL



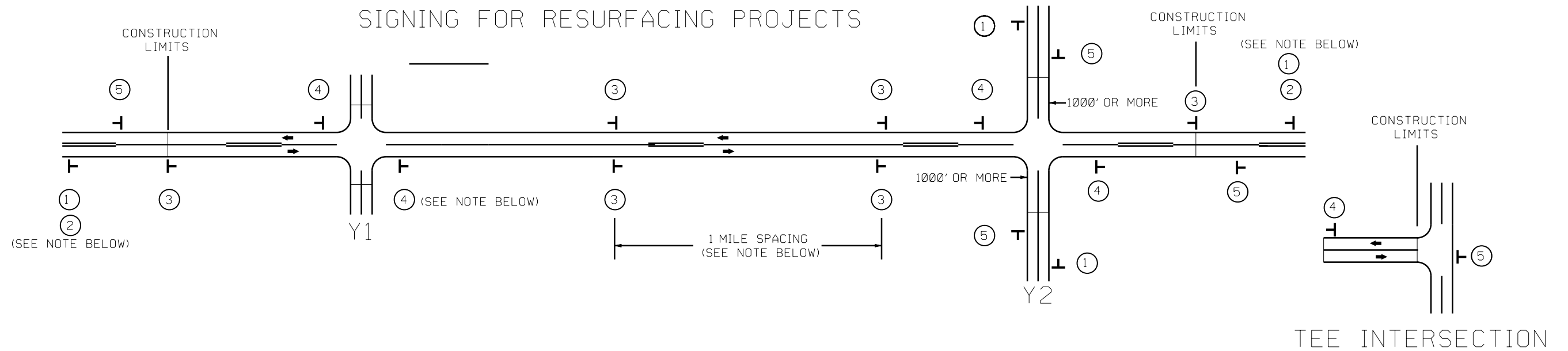
NOTES:

- 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.



NOT TO SCALE

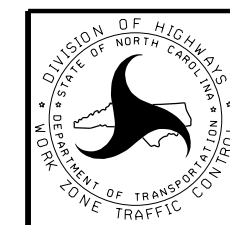
SIGNING FOR RESURFACING PROJECTS



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①	 <small>W20-1 48" X 48"</small>	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, ADVANCE WARNING PORTABLE 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; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	②	 <small>W7-3aP 24" X 18"</small>	*2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	
	③	 <small>SP 13107 48" X 48"</small>	<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	 <small>SP 13106 48" X 48"</small>	<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	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	



RESURFACING
 ADVANCE WARNING SIGNS
 FOR
 RURAL AND SUBURBAN
 2 LANE ROADWAYS