

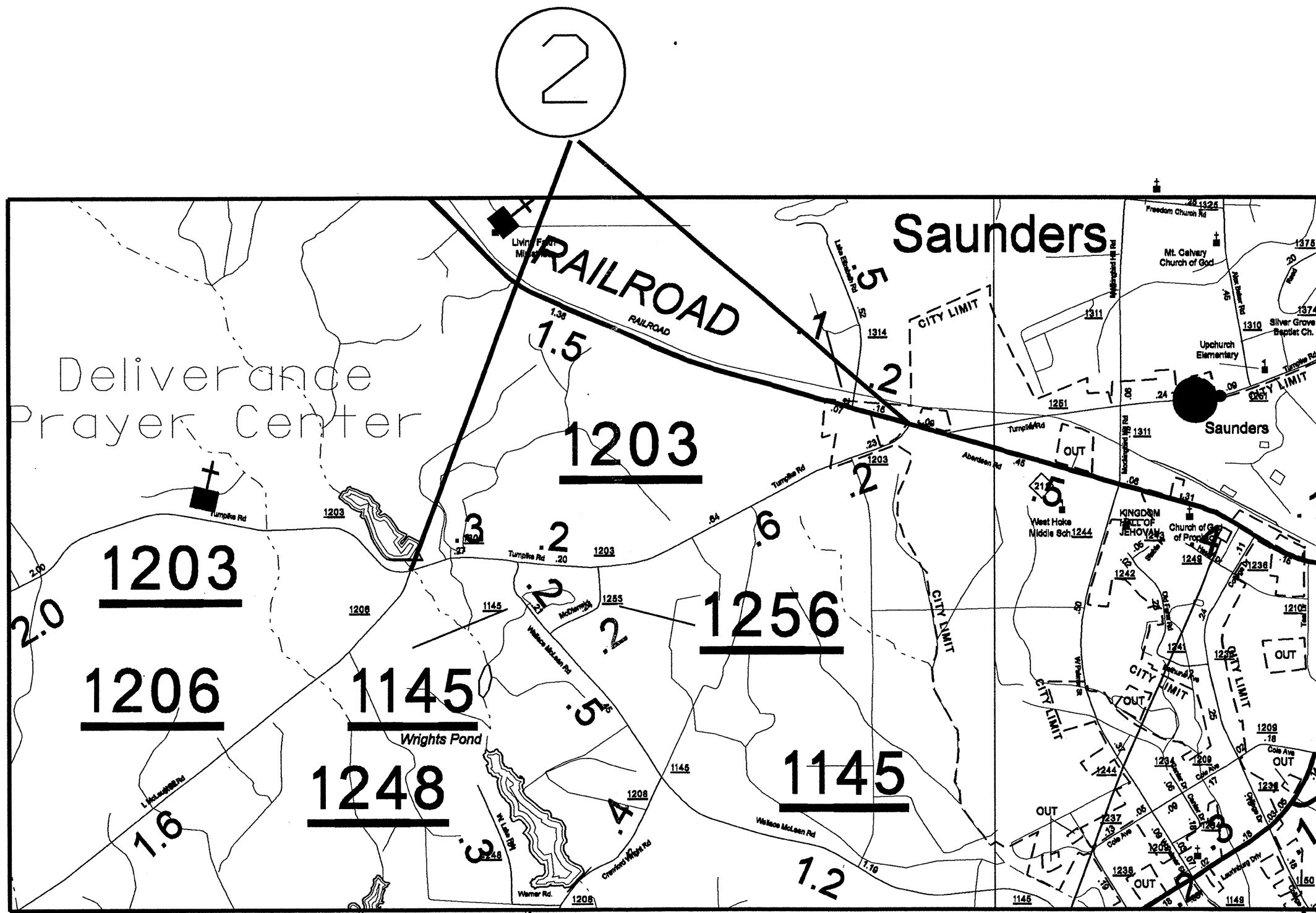
# HOKE COUNTY

5/28/99  
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2:\WA\2013\5:49\Resurfacing\July-2013\Resurfacing\District3\Hoke\_Scotland\Full.mxd



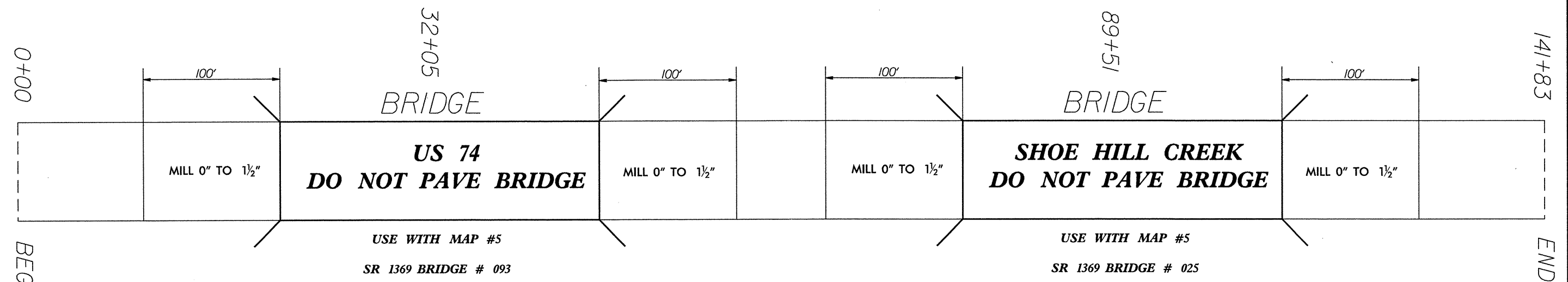
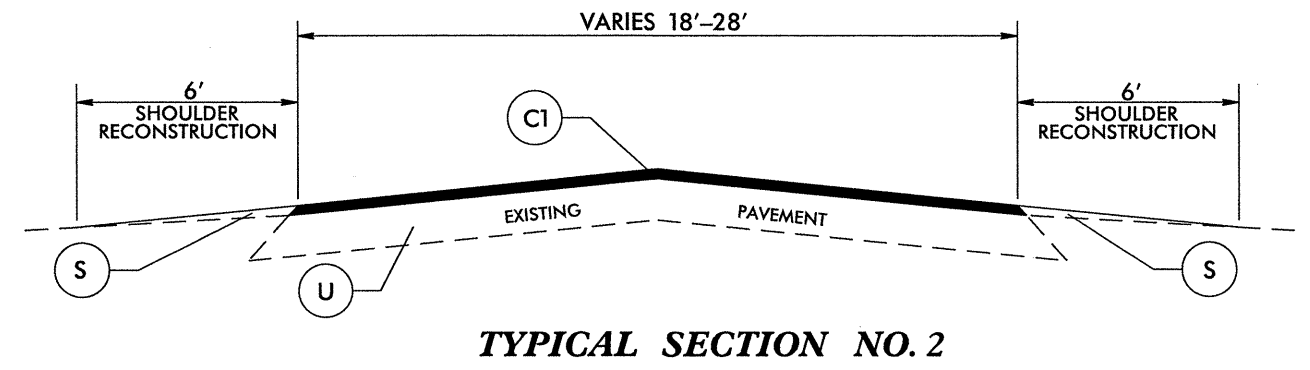
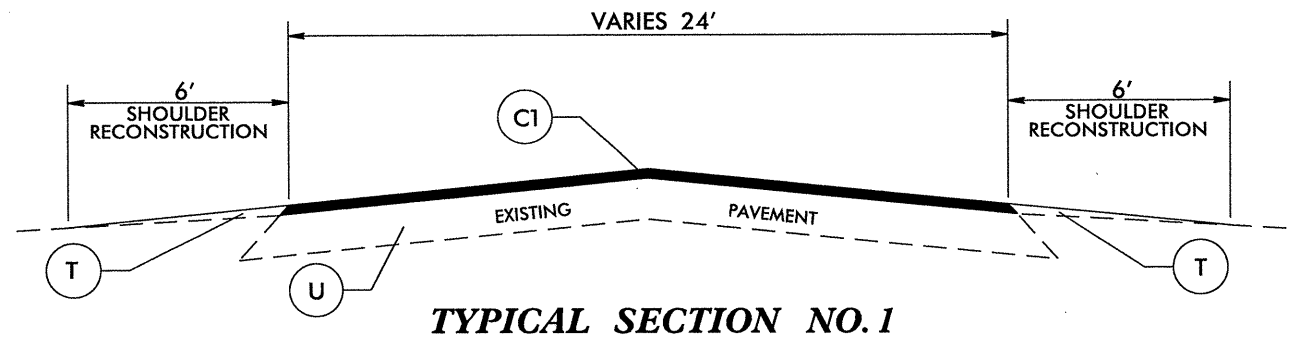
5/28/99

C:\MAY-2013\16100\Resurfacing\July-2013\Resurfacing\District3\Hoke\_Scotland\scotland-1439-1611-1369.dgn



# HOKE COUNTY



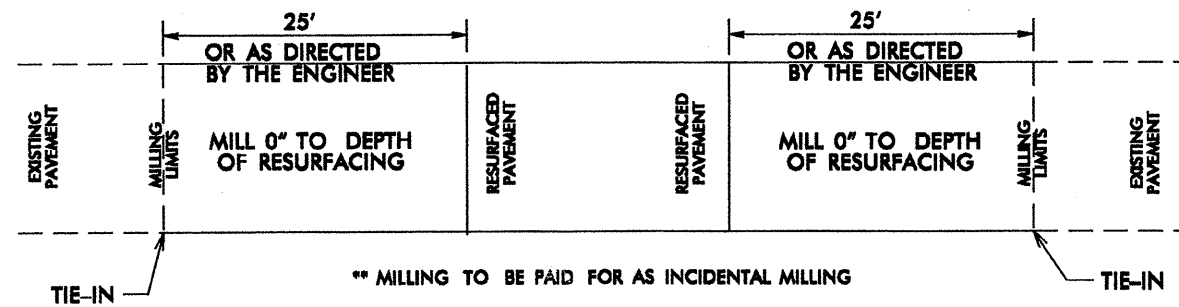
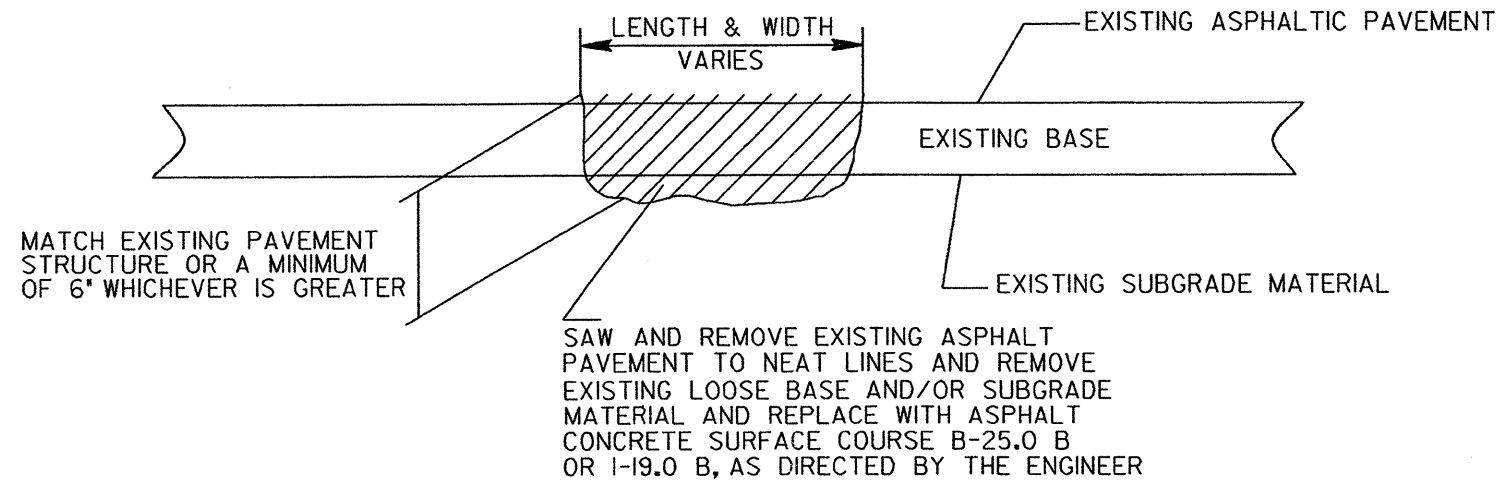


**\*\* MILLING TO BE PAID FOR AS INCIDENTAL MILLING**

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
S	AGGREGATE SHOULDER BORROW
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

## DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING

### DETAIL NO. 1



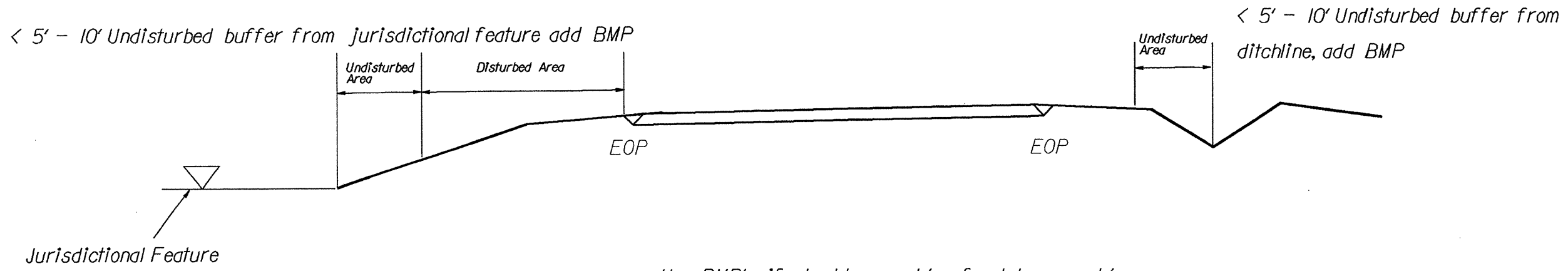
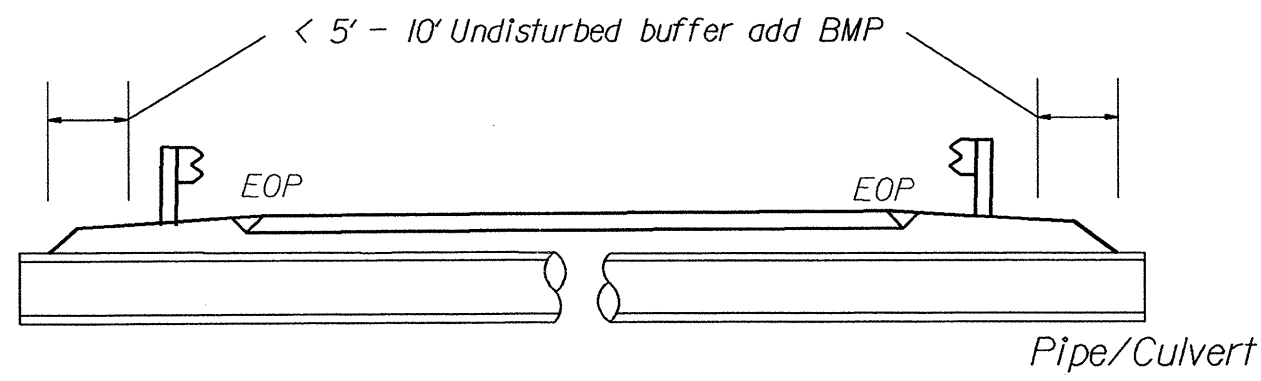
## PAVEMENT TIE-IN DETAIL

5/28/99  
 21-MAY-2013 15:49  
 C:\Users\pr...  
 21-MAY-2013 15:49  
 C:\Users\pr...

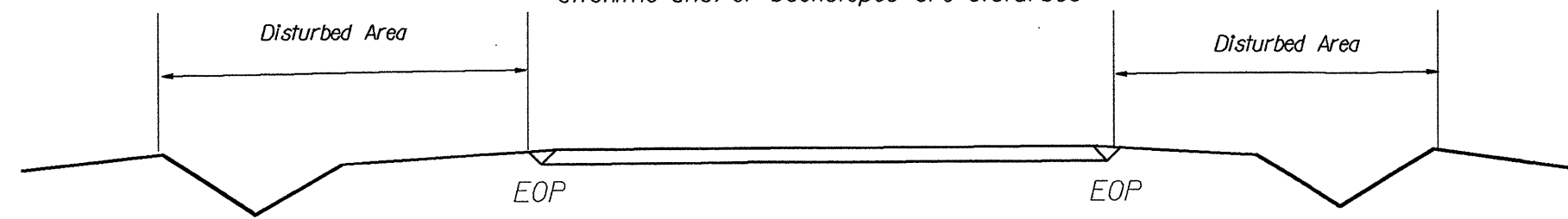
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

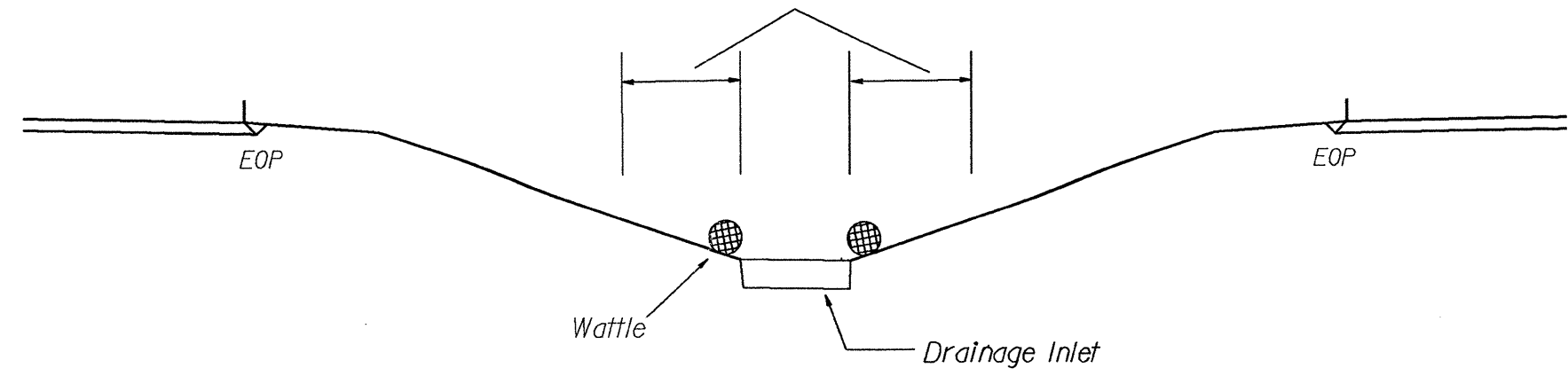
# EROSION CONTROL DETAIL



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

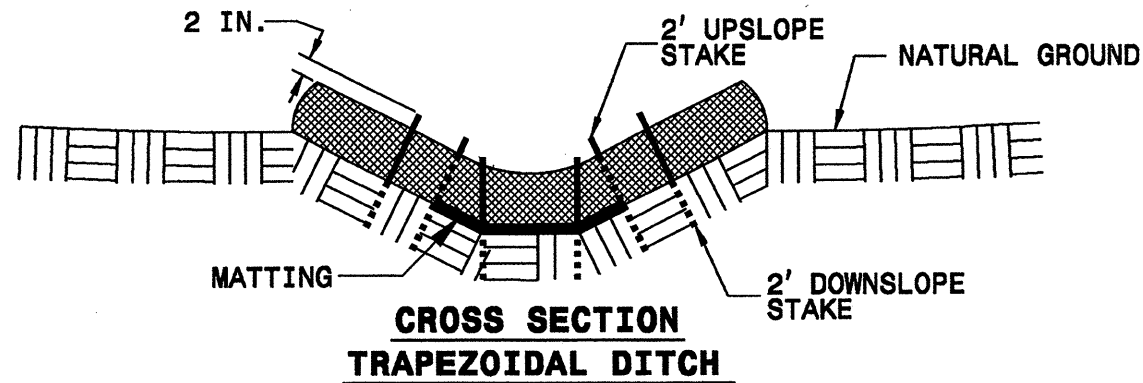
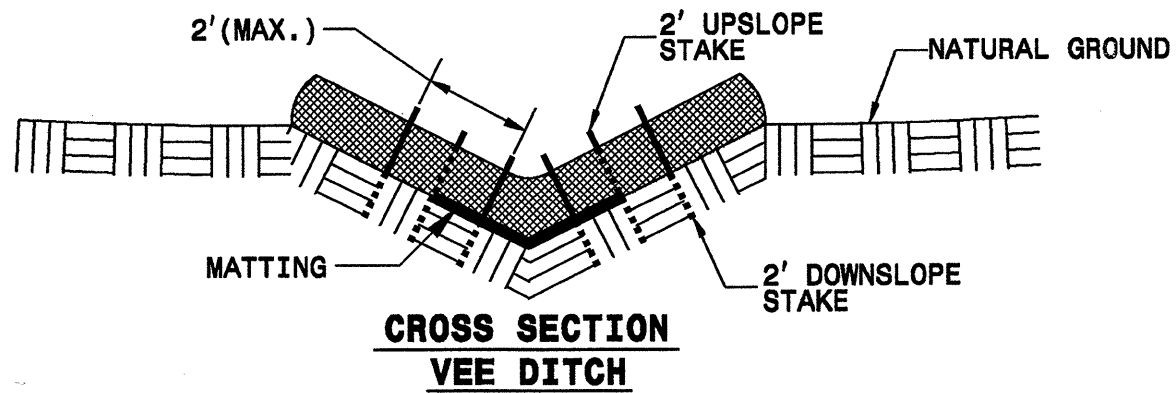
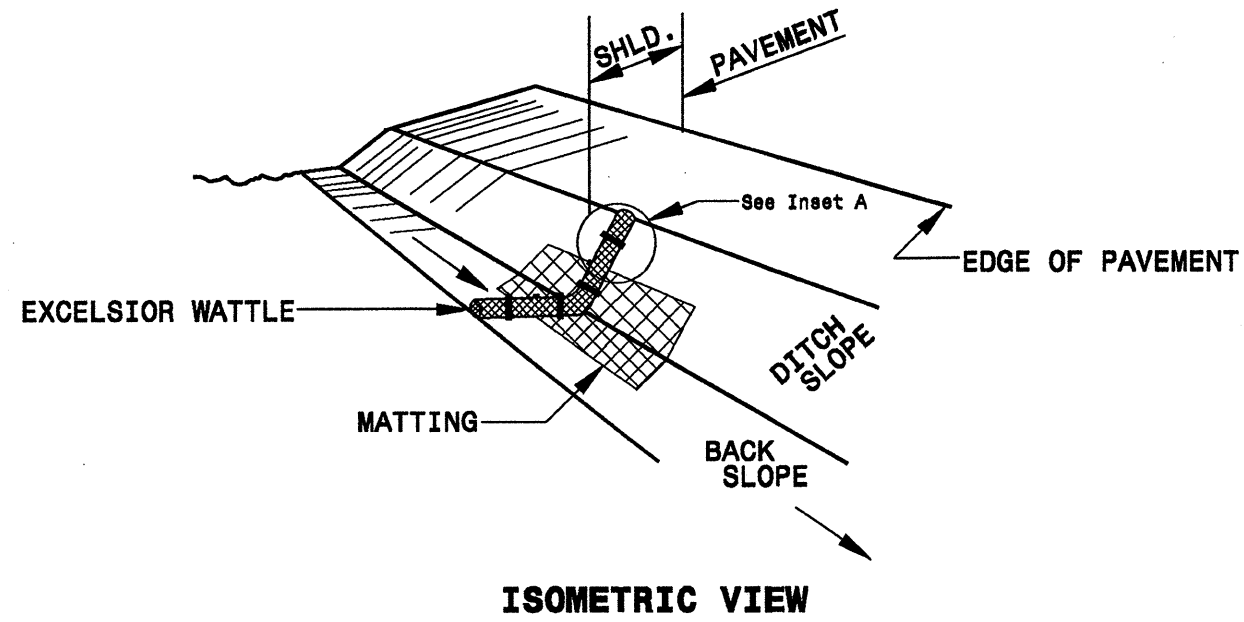


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

# 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.

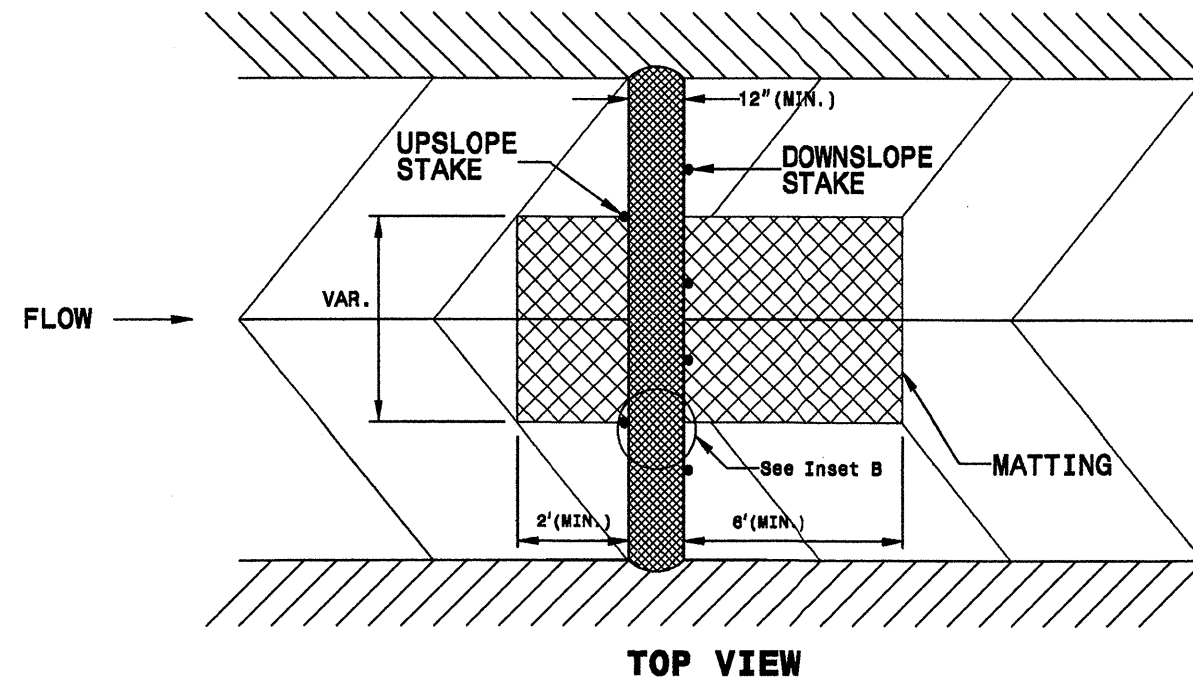
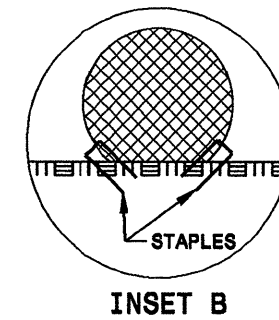
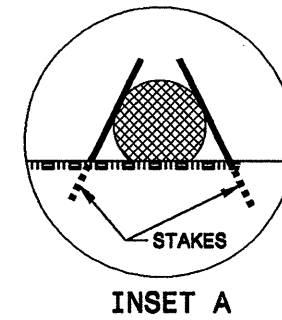
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.





PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.20471.20, 8CR.20831.20	9	

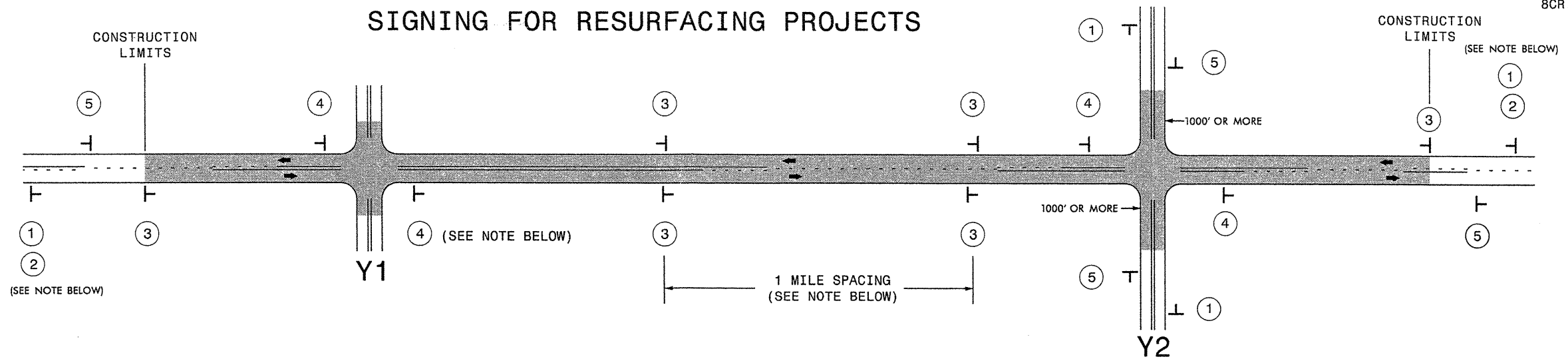
### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW EXCAVATION CY	AGGREGATE SHOULDER BORROW TON	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC	
8CR.20471.20	Hoke	1	SR 1422 (PHILLIPI CHURCH RD.)	FROM SR 1406 (ROCKFISH RD.) TO SR 1432 (GOLF COURSE RD.)	1	NO	NO	3.144	24	460		180	6.30	250	4,240	284	440		3	460	1,150	4.60	
8CR.20471.20	Hoke	2	SR 1203 (TURNPIKE RD.)	FROM NC 211 TO SR 1206 (L. MCLAUGHLIN RD)	1	NO	NO	1.33	24	195		115	2.66	135	1,740	117	10			135	20	1.95	
<b>TOTAL FOR PROJ NO. 8CR.20471.20</b>								<b>4.474</b>		<b>655</b>		<b>295</b>	<b>8.96</b>	<b>385</b>	<b>5,980</b>	<b>401</b>	<b>450</b>		<b>3</b>	<b>595</b>	<b>1,170</b>	<b>6.55</b>	
8CR.20831.20	Scotland	3	1439 (PRODUCE MARKET RD.)	FROM US 401 BUS. TO SR 1438 (OLD LUMBERTON RD.)	2	NO	NO	1.3	18		345		2.60	100	1,156	77		4	1				
8CR.20831.20	Scotland	4	(PATTERSON RD.)	FROM SR 1610 ( ROCKY FORD RD.) TO ROBESON COUNTY	2	NO	NO	2.6	23		720		5.20	125	2,965	199							
8CR.20831.20	Scotland	5	SR 1369 (OLD LUMBERTON RD.)	FROM SR 1438 (OLD LUMBERTON RD.) TO SR 1436 (AIRPORT RD.)	2	NO	NO	2.7	22		760		5.40	1,111	3,100	208							
<b>TOTAL FOR PROJ NO. 8CR.20831.20</b>								<b>6.6</b>			<b>1,825</b>		<b>13.20</b>	<b>1,336</b>	<b>7,221</b>	<b>484</b>		<b>4</b>	<b>1</b>				
<b>GRAND TOTAL</b>								<b>11.074</b>		<b>655</b>		<b>295</b>	<b>22.16</b>	<b>1,721</b>	<b>13,201</b>	<b>885</b>	<b>450</b>		<b>4</b>	<b>4</b>	<b>595</b>	<b>1,170</b>	<b>6.55</b>

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4366000000-E	4589000000-N	4705000000-E	4710000000-E	4721000000-E	4810000000-E	4847000000-E	4850000000-E			
										WORK ZONE ADVANCE/ GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	POLYUREA PAVEMENT MARKING LINES (4", HIGHLY REFL) LF	4" LINE REMOVAL LF		
8CR.20471.20	Hoke	1	SR 1422 (PHILLIPI CHURCH RD.)	FROM SR 1406 (ROCKFISH RD.) TO SR 1432 (GOLF COURSE RD.)	1	2	2WU	3.144	24	248	*	100	50	4	66,400	52,880				
8CR.20471.20	Hoke	2	SR 1203 (TURNPIKE RD.)	FROM NC 211 TO SR 1206 (L. MCLAUGHLIN RD)	1	2	2WU	1.33	24	248					28,080	22,050				
<b>TOTAL FOR PROJ NO. 8CR.20471.20</b>								<b>4.474</b>		<b>496</b>	<b>1</b>	<b>100</b>	<b>50</b>	<b>4</b>	<b>94,480</b>	<b>74,930</b>				
															<b>169,410</b>					
8CR.20831.20	Scotland	3	1439 (PRODUCE MARKET RD.)	FROM US 401 BUS. TO SR 1438 (OLD LUMBERTON RD.)	2	2	2WU	1.3	18	248					27,976	17,160				
8CR.20831.20	Scotland	4	(PATTERSON RD.)	FROM SR 1610 ( ROCKY FORD RD.) TO ROBESON COUNTY	2	2	2WU	2.6	23	248	*				55,952	34,320				
8CR.20831.20	Scotland	5	SR 1369 (OLD LUMBERTON RD.)	FROM SR 1438 (OLD LUMBERTON RD.) TO SR 1436 (AIRPORT RD.)	2	2	2WU	2.7	22	248					58,750	35,640	1,700	1,700		
<b>TOTAL FOR PROJ NO. 8CR.20831.20</b>								<b>6.6</b>		<b>744</b>	<b>1</b>				<b>142,678</b>	<b>87,120</b>	<b>1,700</b>	<b>1,700</b>		
															<b>229,798</b>					
<b>GRAND TOTAL</b>								<b>11.074</b>		<b>1,240</b>	<b>1</b>	<b>100</b>	<b>50</b>	<b>4</b>	<b>237,158</b>	<b>162,050</b>	<b>1,700</b>	<b>1,700</b>		
															<b>399,208</b>					

# SIGNING FOR RESURFACING PROJECTS

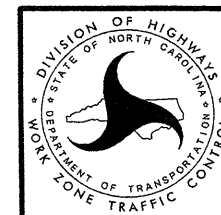


LEGEND	
⊥	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	1	 W20-1 48" X 48"	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"> <li>LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>SUBDIVISION ROADS</li> <li>DEAD END ROADS</li> </ol> <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;"> <div>             W20-1 48" X 48"         </div> <div>             W20-7 A 48" X 48"         </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 W7-3aP 24" X 18"	#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	 SP 13107 48" X 48"	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
	4	 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.	
5	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		



RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS