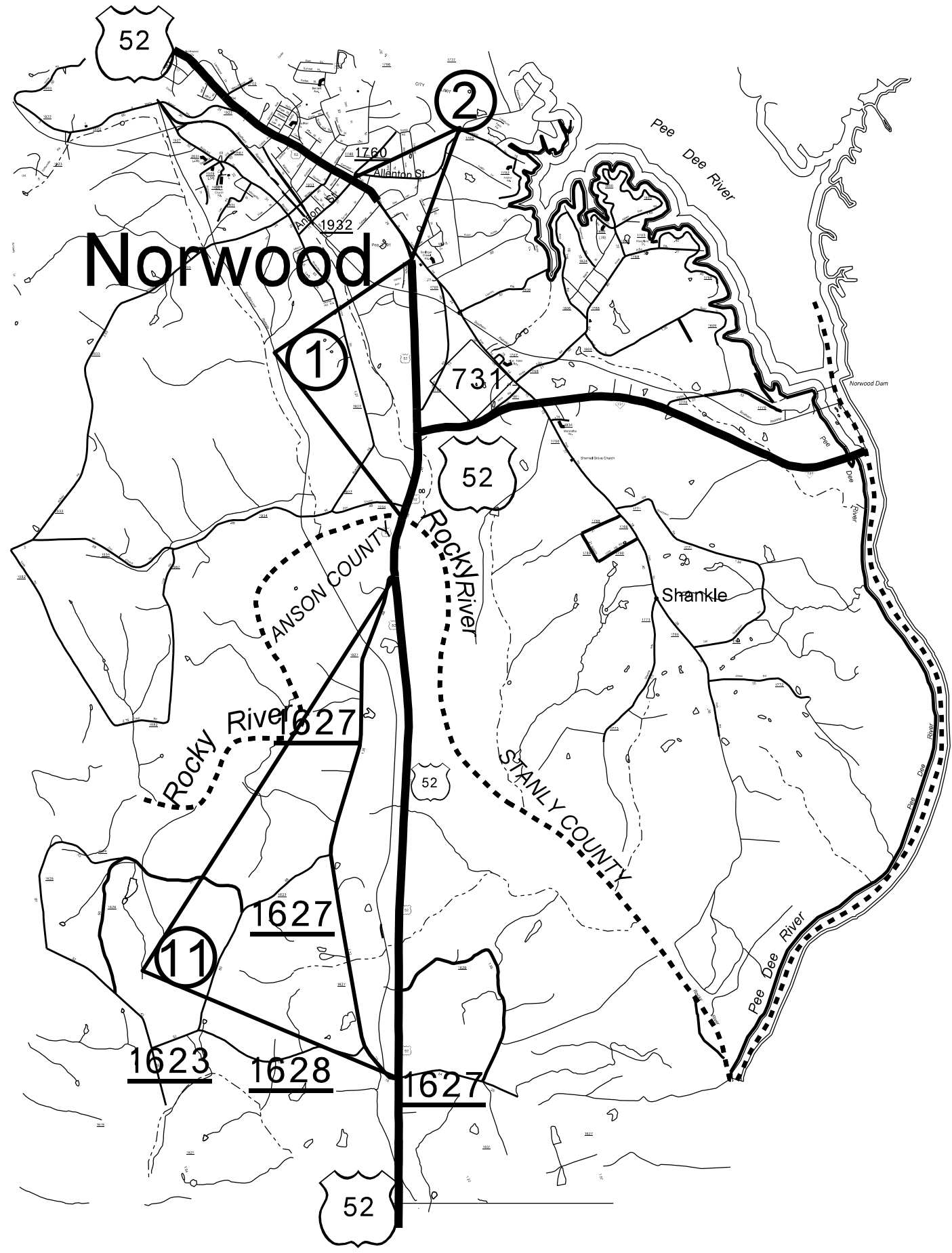


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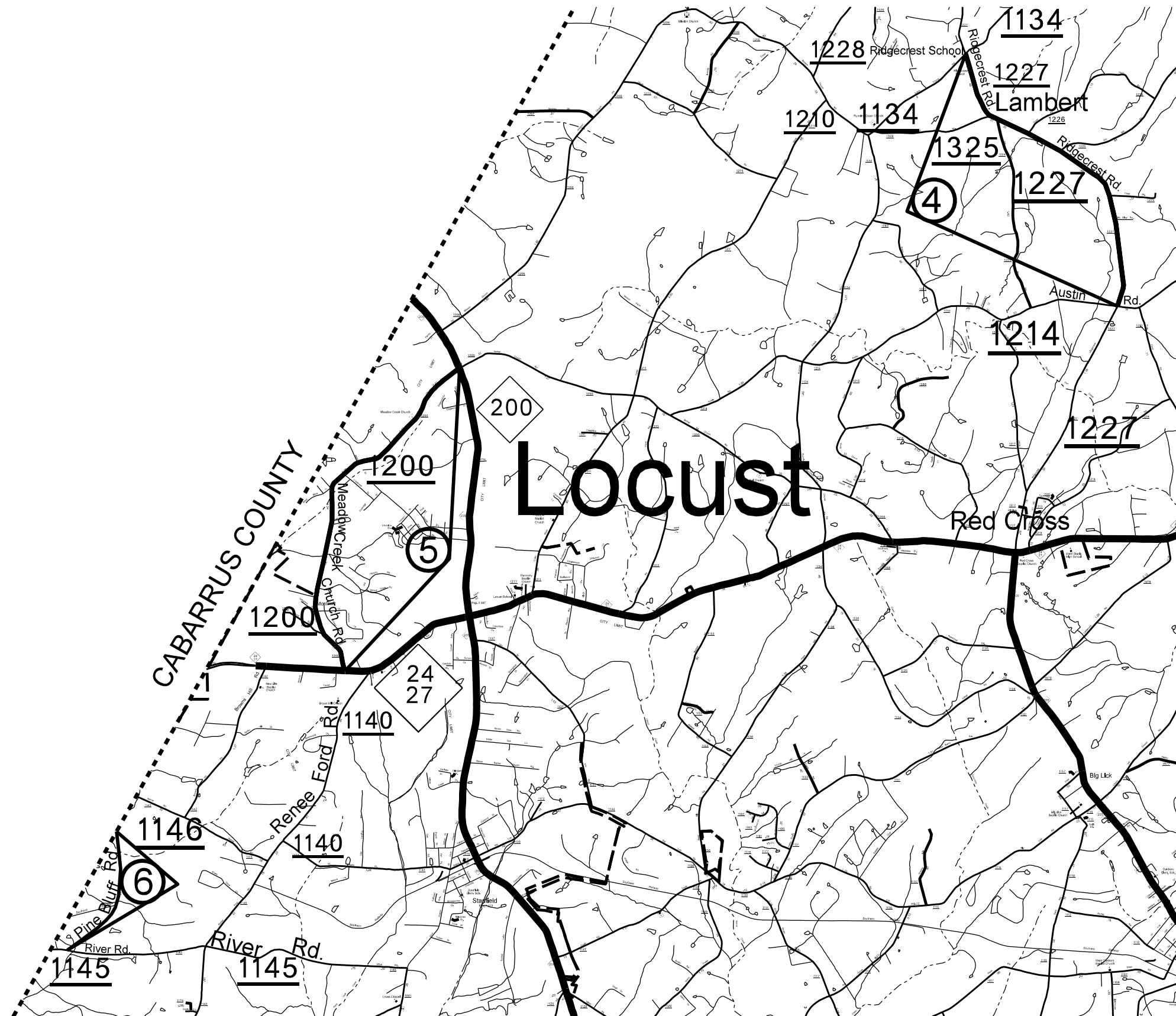


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	OCRJ0841,44,Etc.	1	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON/STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - GIS UNIT
IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	OCR10841.44.Etc.	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA

PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - GIS UNIT

IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	OCR10841.44,E+c.	3	
F.A. PROJECT NO.			



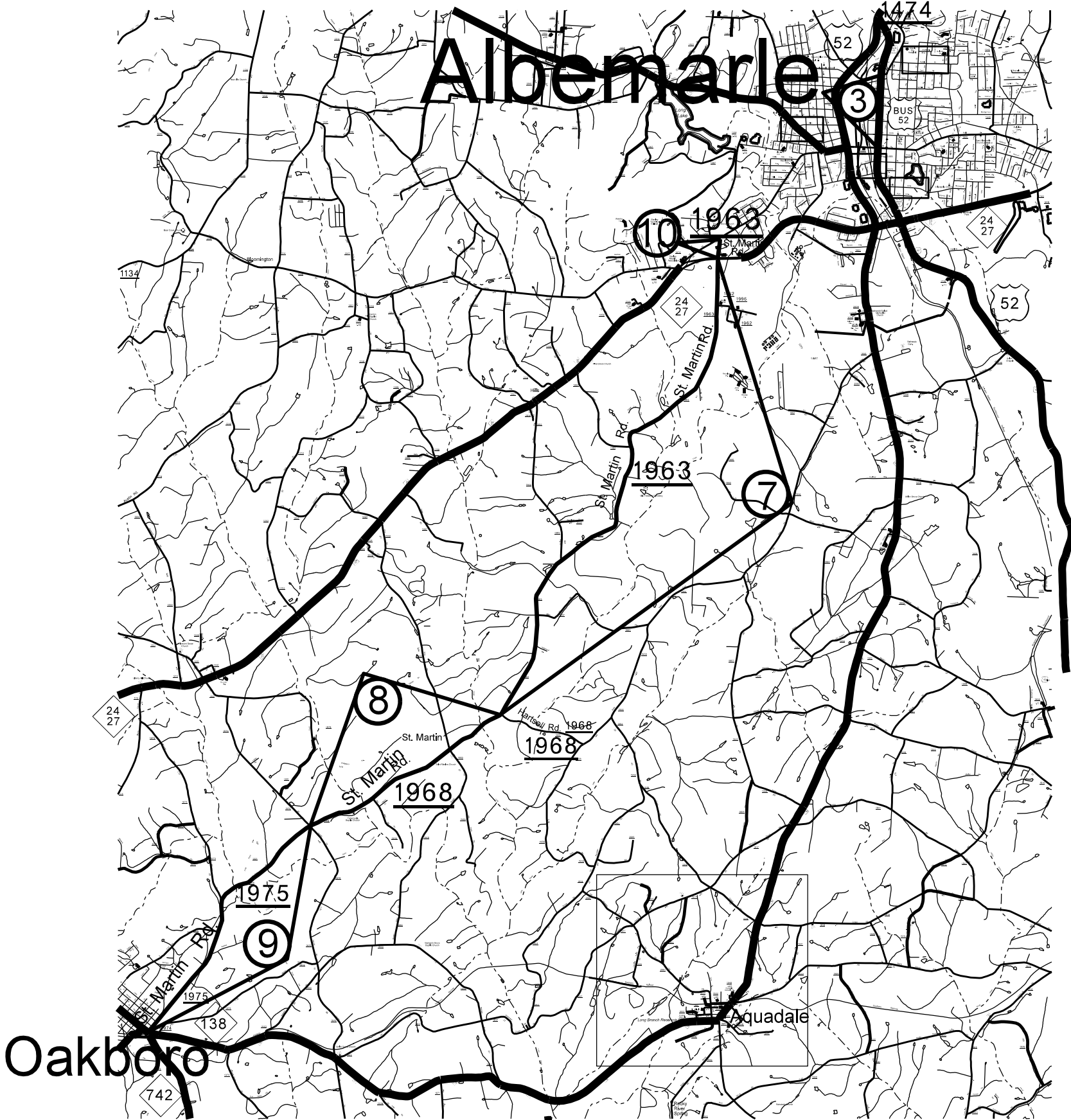
ENLARGED MUNICIPAL AND SUBURBAN AREAS

STANLY COUNTY

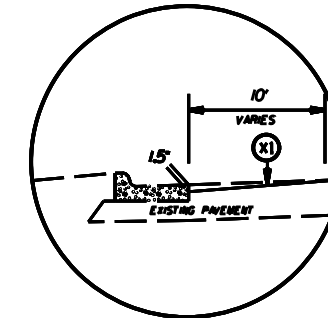
NORTH CAROLINA

PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - GIS UNIT

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

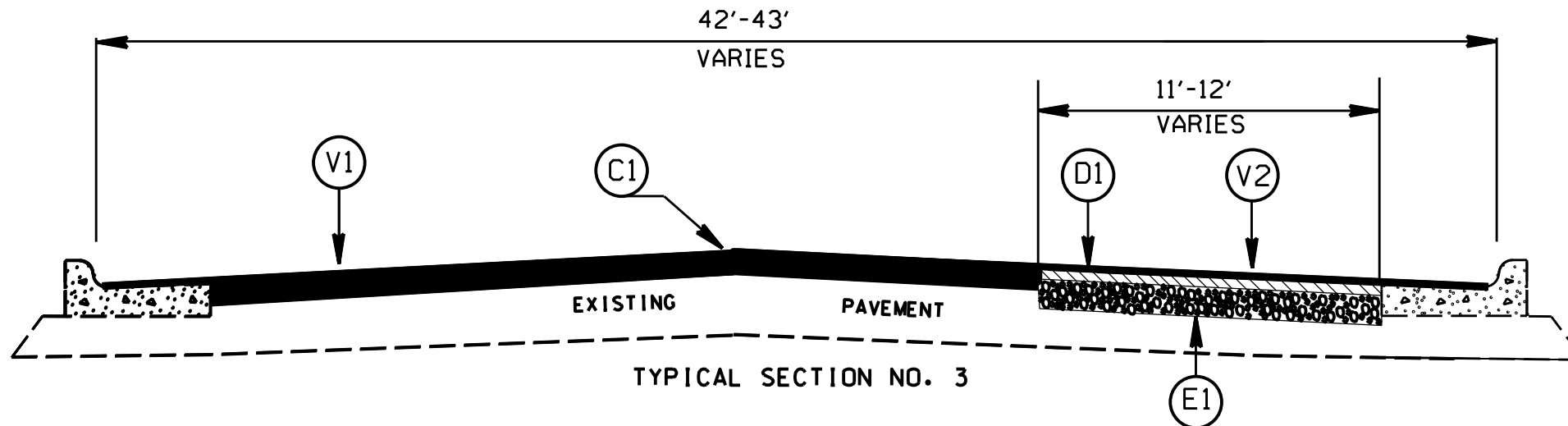
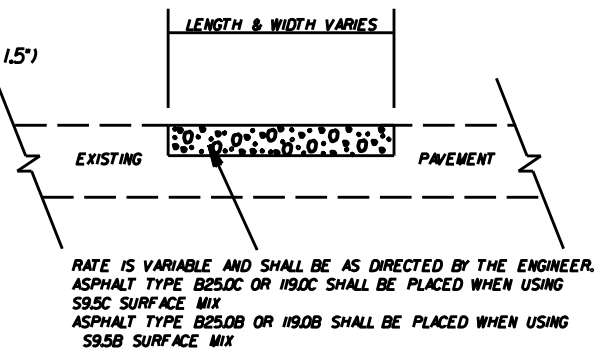


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	OCR1084144,E+C	4	
F.A. PROJECT NO.			

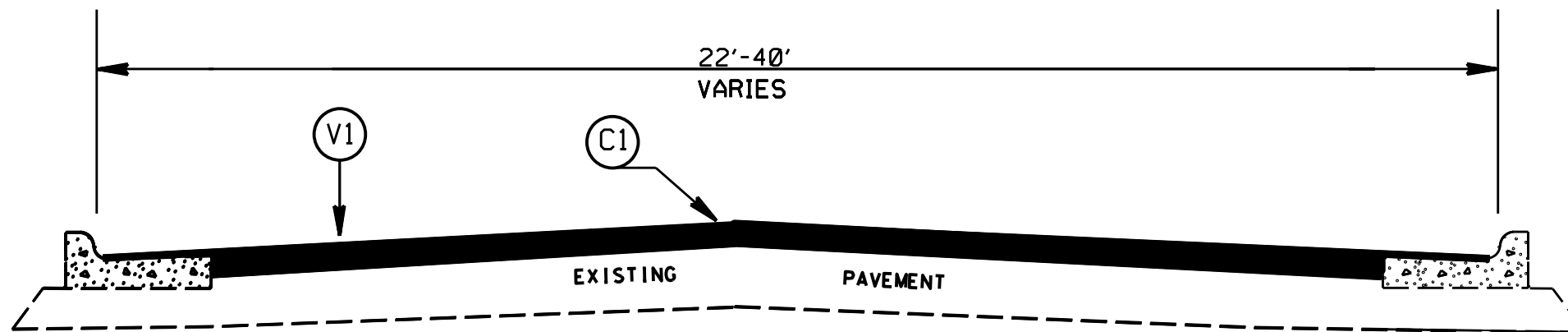


DETAIL FOR PROFILE MILLING (0" TO 1.5")

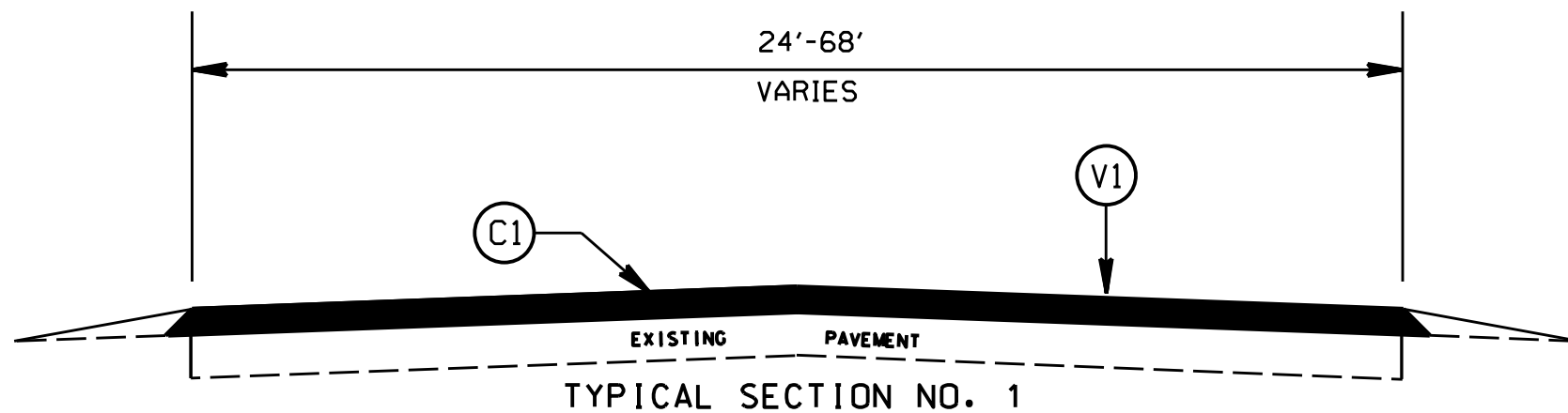
PATCHING DETAIL



NOTE: 10.0" MILLING, 5.5" B25.0C AND 3.0" I19.0C FROM JUST BEYOND ANSON STREET INTERSECTION GOING SOUTH FOR 1,615' +/- OR AS DIRECTED BY THE ENGINEER



Patching for Map # 2. Minimum depth of 8 inches
As Directed by the Engineer



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 3.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
E2	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	MILLING BITUMINOUS PAVEMENT 1.5" DEPTH.
V2	MILLING BITUMINOUS PAVEMENT 10.0" DEPTH.
X1	PROFILE MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH. AS DIRECTED BY THE ENGINEER

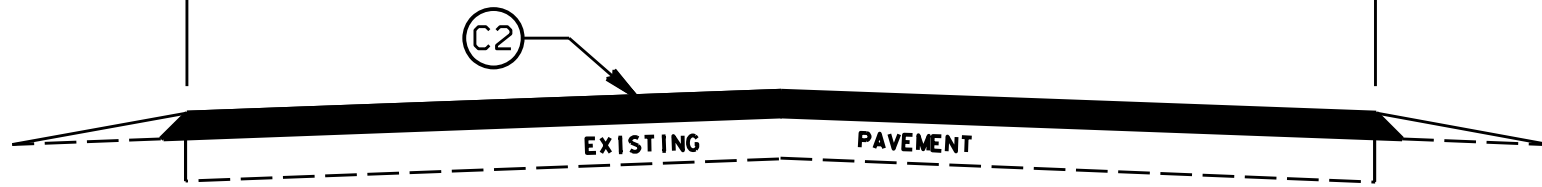
STANLY COUNTY
RESURFACING 2015-2016

SCALE	-NA-		REVISIONS
DATE	4/15		
DWG. BY	JDA		
DESIGN BY	JDA		
APPROVED	MPW		

NCDOT TO RECONSTRUCT SHOULDERS

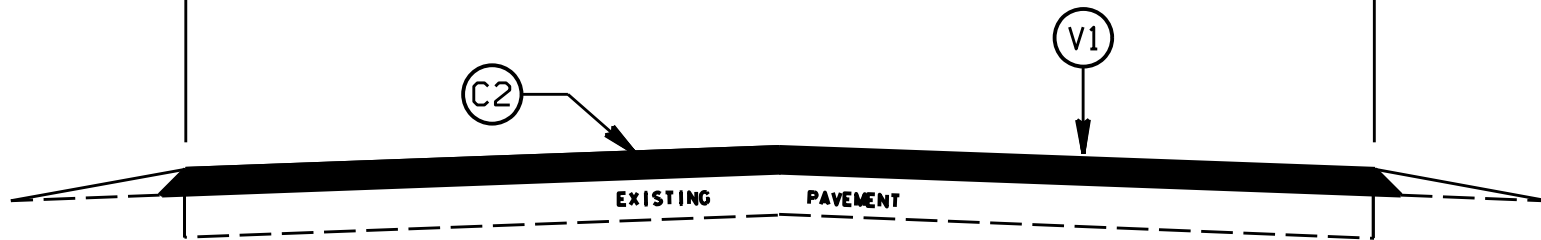
20'-22'
VARIES

NCDOT TO RECONSTRUCT SHOULDERS



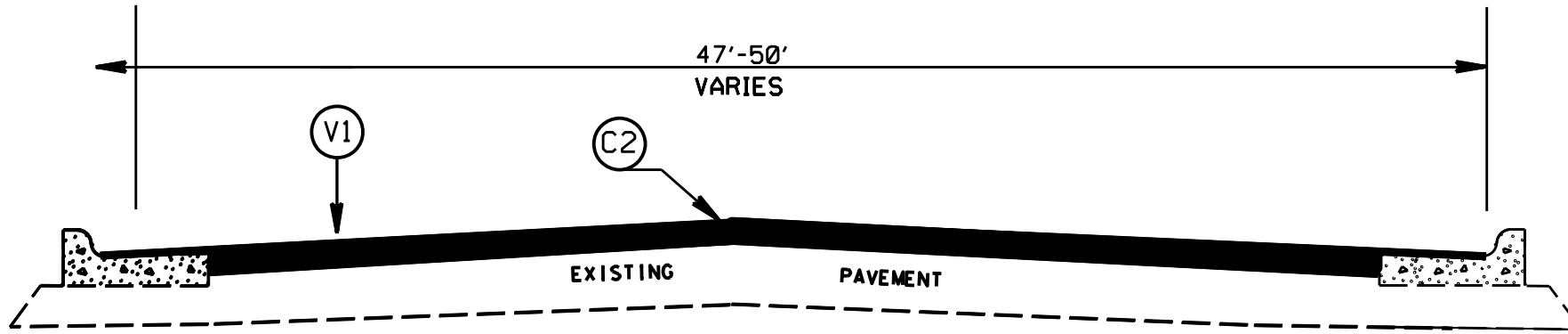
TYPICAL SECTION NO. 7

20'-33'
VARIES

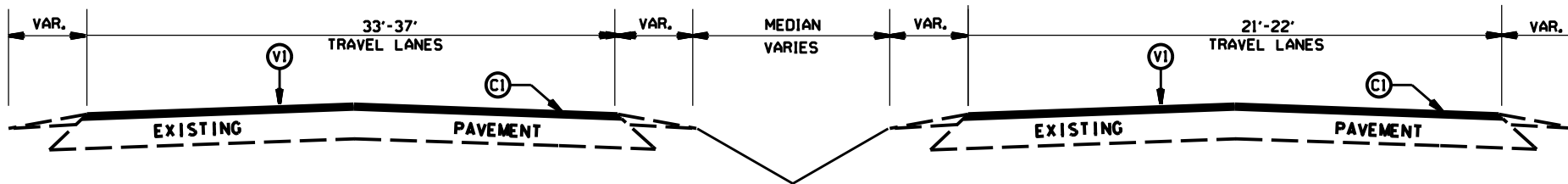


TYPICAL SECTION NO. 6

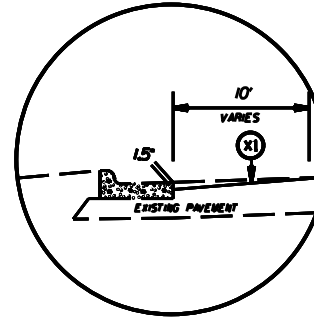
47'-50'
VARIES



TYPICAL SECTION NO. 5
Patching for Map # 1. Minimum depth of 6 inches
As Directed by the Engineer

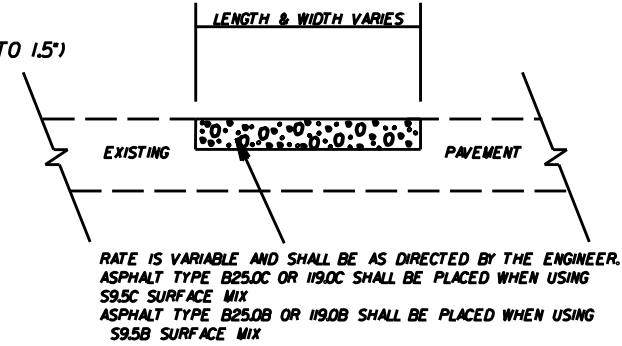


TYPICAL SECTION NO. 4



DETAIL FOR PROFILE MILLING (0" TO 1.5")

PATCHING DETAIL



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10841.44, Etc.	5	
F.A. PROJECT NO.			

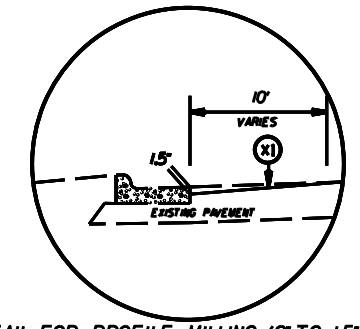
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 3.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
E2	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	MILLING BITUMINOUS PAVEMENT 1.5" DEPTH.
V2	MILLING BITUMINOUS PAVEMENT 10.0" DEPTH.
X1	PROFILE MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH. AS DIRECTED BY THE ENGINEER

STANLY COUNTY
RESURFACING 2015-2016

SCALE	DATE	DESIGNED BY	DESIGNED BY	APPROVED	REVISIONS
-NA-	4/15	JDA	JDA	MPW	

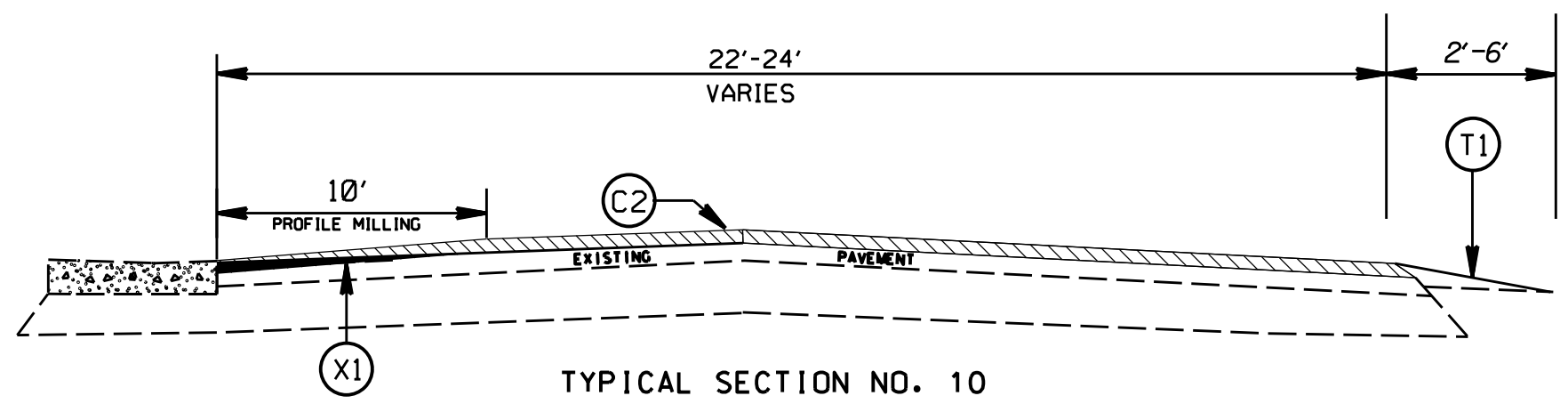
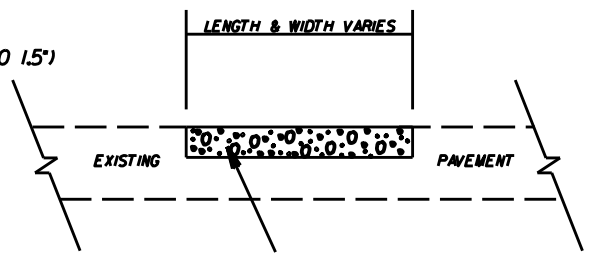


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10841.44,Etc.	6	
F.A. PROJECT NO.			



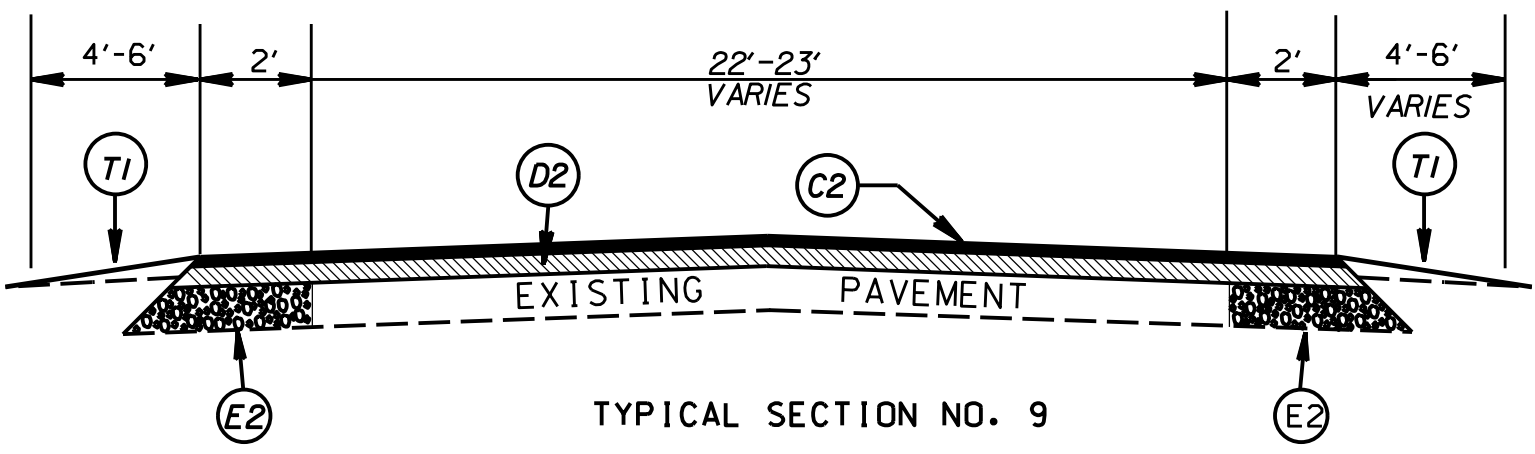
DETAIL FOR PROFILE MILLING (0' TO 1.5')

PATCHING DETAIL



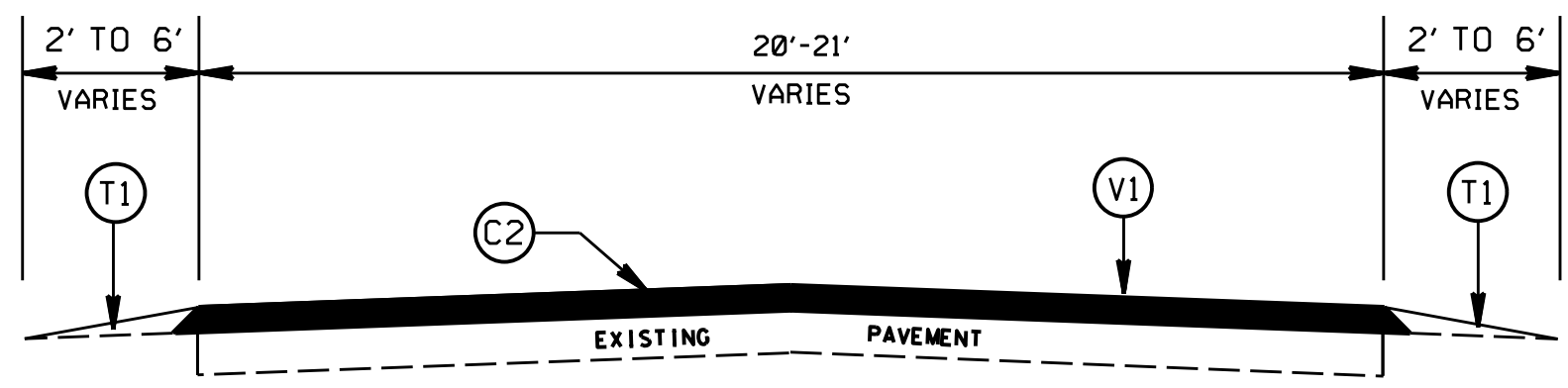
TYPICAL SECTION NO. 10

NOTE: CONTRACTOR OVERLAYS WITH 1.5" WHERE PAVEMENT WIDTH IS EXISTING 22' +/- AT BRIDGES OR AS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 9

NOTE: WIDEN WHERE EXISTING ROAD IS 18 FEET+/-, CONTRACTOR DOES NOT WIDEN WHERE PAVEMENT WIDTH IS ALREADY EXISTING 22' AT PAVEMENT CHANGES OR AS DIRECTED BY THE ENGINEER



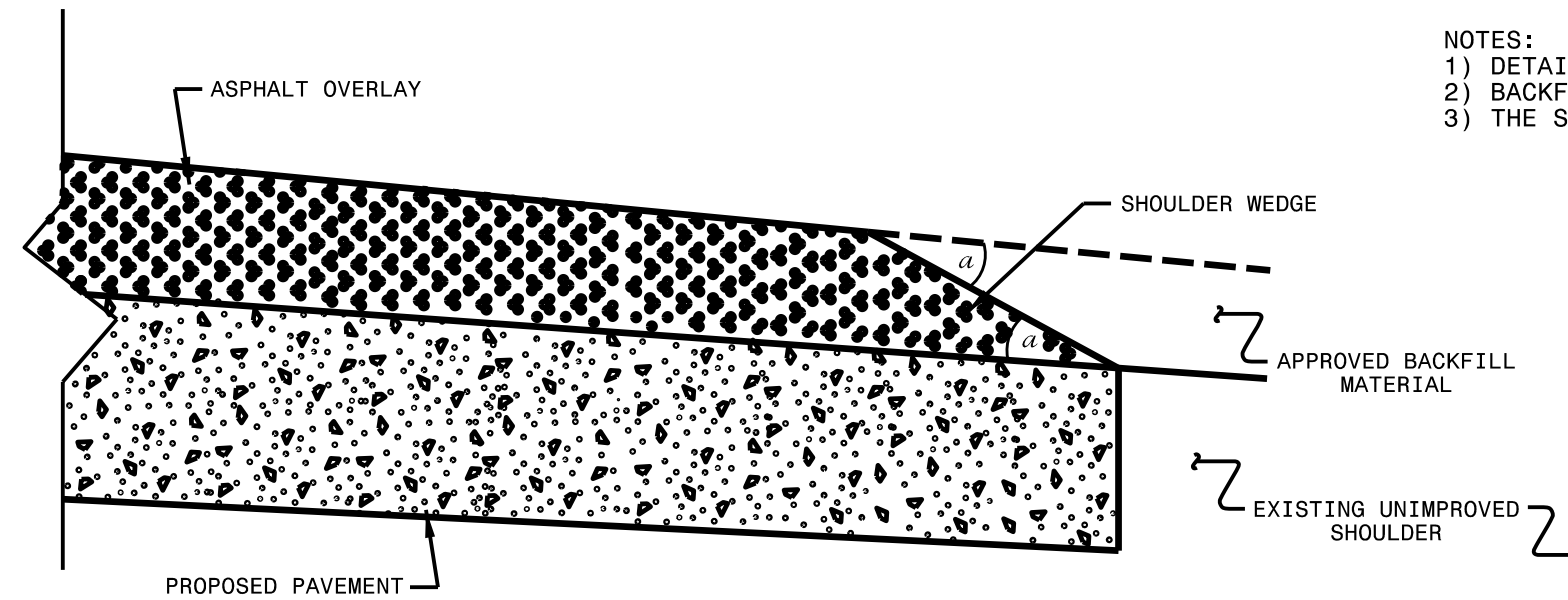
TYPICAL SECTION NO. 8

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 3.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
E2	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	MILLING BITUMINOUS PAVEMENT 1.5" DEPTH.
V2	MILLING BITUMINOUS PAVEMENT 10.0" DEPTH.
X1	PROFILE MILLING BITUMINOUS PAVEMENT. 0" TO 1.5" DEPTH. AS DIRECTED BY THE ENGINEER

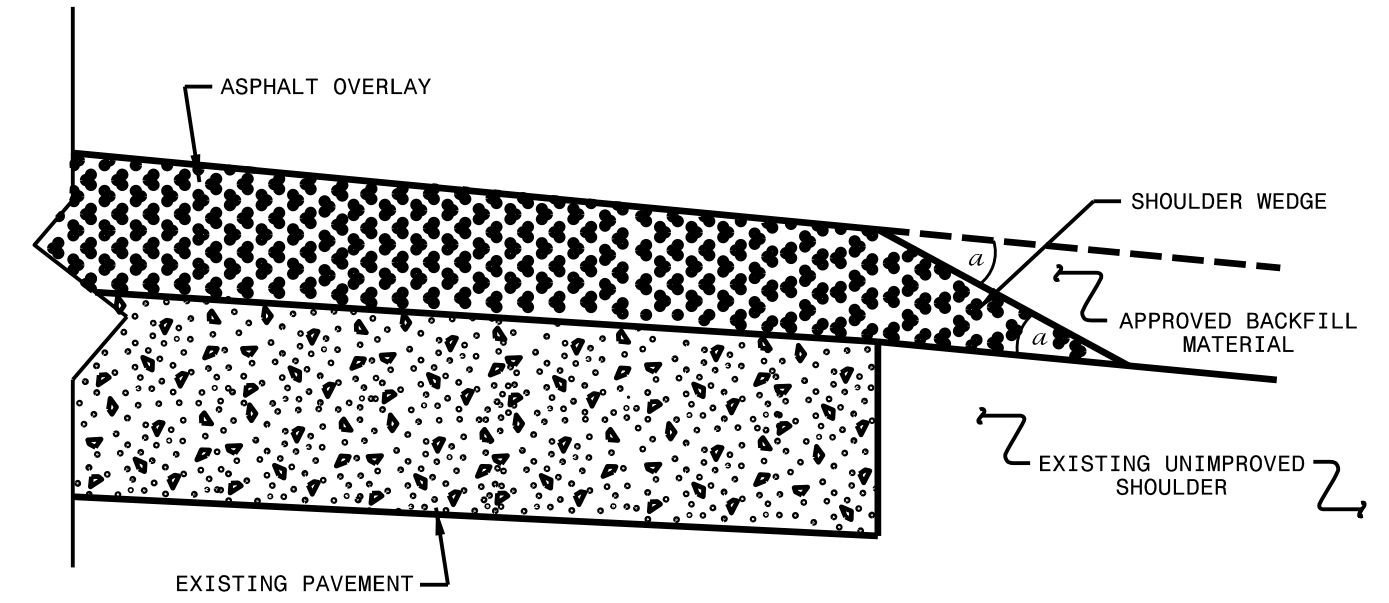
STANLY COUNTY
RESURFACING 2015-2016

SCALE	-NA-		REVISIONS
DATE	4/15		
DRG. BY	JDA		
DESIGN BY	JDA		
APPROVED	MPW		

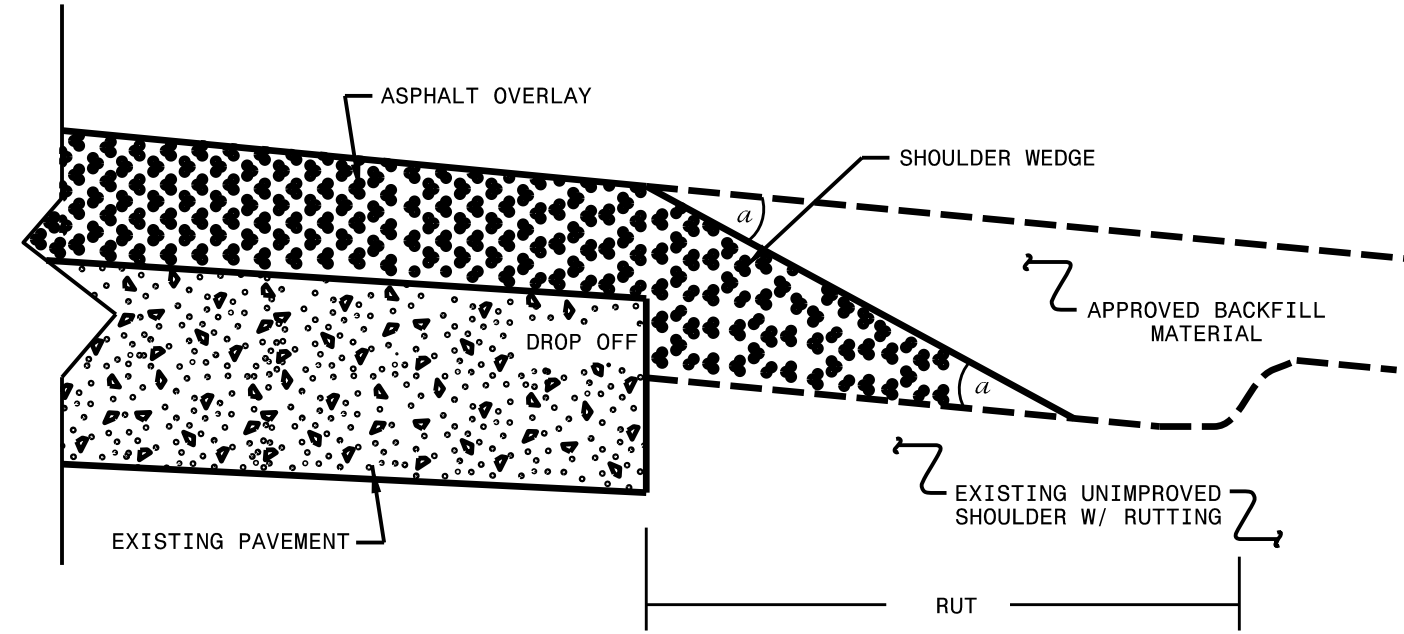
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$USERNAME\$\$\$

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10841.44, 10CR.10841.46, ETC.	8	

SUMMARY OF QUANTITIES

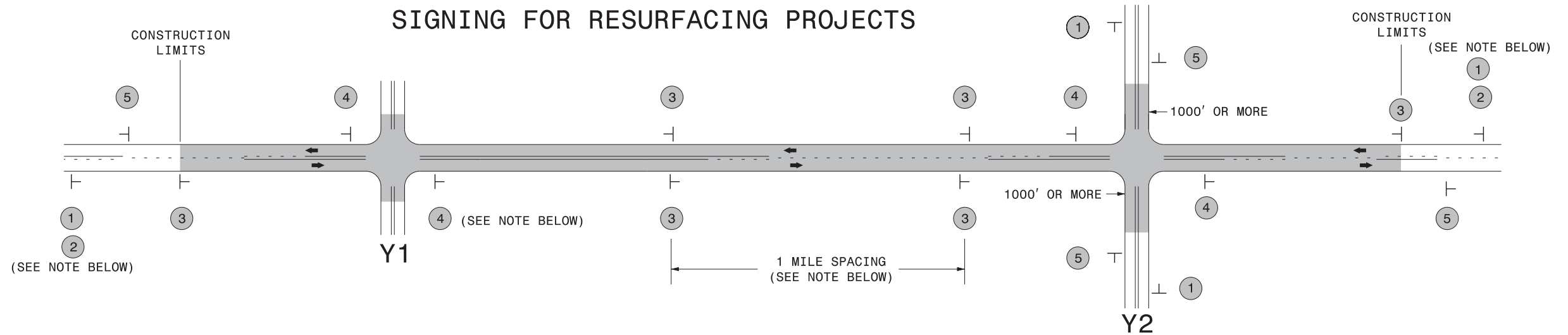
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1 1/2" MILLING SY	10" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	BASE COURSE, B25.0C TONS	INTERMEDIATE COURSE, I19.0B TONS	INTERMEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	CONCRETE CURB RAMPS EA	RETROFIT EXISTING WHEELCHAIR RAMPS EA	ADJ. OF CATCH BASIN EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMPORARY SILT FENCE LF	WATTLE LF		
10CR.10841.44	Stanly	1	US 52	FROM ANSON CO. LINE TO END OF TWO LANE SECTION OF US 52 MILEPOST 0.00 TO 1.60		1	2	NO	NO	1.6	25		100		26,048										2,410	142	150							200			
TOTAL FOR MAP NO. 1										1.6			100		26,048										2,410	142	150							200			
TOTAL FOR PROJ NO. 10CR.10841.44										1.6			100		26,048										2,410	142	150							200			
10CR.10841.45	Stanly	2	US 52	FROM END TWO LANE SECTION TO PAVEMENT JOINT PAST SR 1740 (PEE DEE AVE) MILEPOST 1.60 TO 2.25		2,3,4	2	NO	NO	0.65	43				17,000	2,167				808		405			1,762	159	200				1	2	2				
TOTAL FOR MAP NO. 2										0.65					17,000	2,167				808		405			1,762	159	200				1	2	2				
TOTAL FOR PROJ NO. 10CR.10841.45										0.65					17,000	2,167				808		405			1,762	159	200				1	2	2				
10CR.10841.46	Stanly	3	BUS. 52	FROM SR 1494 (WEST MAIN ST) TO SR 1474 (SALISBURY AVE) MILEPOST 1.05 TO 1.78		5	2	NO	NO	0.73	50				21,500									2,028		122	200	7	10		4	2	1.00				
TOTAL FOR MAP NO. 3										0.73					21,500									2,028		122	200	7	10		4	2	1.00				
TOTAL FOR PROJ NO. 10CR.10841.46										0.73					21,500									2,028		122	200	7	10		4	2	1.00				
10CR.20841.60	Stanly	4	SR 1227 (RIDGECREST RD)	FROM SR 1134 (MILLINGPORT RD) TO SR 1214 (AUSTIN RD) MILEPOST 1.20 TO 3.60		7	2	NO	NO	2.4	21													2,858		172											
TOTAL FOR MAP NO. 4										2.4														2,858		172											
TOTAL FOR PROJ NO. 10CR.20841.60										2.4														2,858		172											
10CR.20841.61	Stanly	5	SR 1200 (MEADOW CREEK CH RD)	FROM NC 24/27 TO NC 200 MILEPOST 0.00 TO 2.66		8	2	NO	NO	2.66	21	300	150	5.32	33,000									3,046	500		215	800						200	300		
TOTAL FOR MAP NO. 5										2.66		300	150	5.32	33,000										3,046	500		215	800				200	300			
TOTAL FOR PROJ NO. 10CR.20841.61										2.66		300	150	5.32	33,000										3,046	500		215	800				200	300			
10CR.20841.62	Stanly	6	SR 1146 (PINE BLUFF RD)	FROM CABARRUS CO. LINE TO SR 1145 (RIVER RD) MILEPOST 0.00 TO 1.00		7	2	NO	NO	1	20													726		44											
TOTAL FOR MAP NO. 6										1														726		44											
TOTAL FOR PROJ NO. 10CR.20841.62										1														726		44											
10CR.20841.63	Stanly	7	SR 1963 (ST MARTIN RD)	FROM NC 24/27 TO SR 1968 (HARTSELL RD) MILEPOST 0.21 TO 5.52		6	2	NO	NO	5.34	21		200		66,000									6,115		367	800						500	500			
TOTAL FOR MAP NO. 7										5.34			200		66,000										6,115		367	800					500	500			
TOTAL FOR PROJ NO. 10CR.20841.63										5.34			200		66,000										6,115		367	800					500	500			
10CR.208.41.64	Stanly	8	SR 1968 (ST MARTIN RD)	FROM SR 1968 (HARTSELL RD) TO SR 1221 (FROG POND RD) MILEPOST 5.52 TO 8.64		6	2	NO	NO	3.12	22		200		40,500									3,742		225	600						300	300			
TOTAL FOR MAP NO. 8										3.12			200		40,500										3,742		225	600					300	300			
TOTAL FOR PROJ NO. 10CR.208.41.64										3.12			200		40,500										3,742		225	600					300	300			
10CR.20841.65	Stanly	9	SR 1975 (ST MARTIN RD)	FROM SR 1221 (FROG POND RD) TO NC 742 MILE POST 8.64 TO 10.45		6	2	NO	NO	1.81	22		100		25,000									2,301		138	400				1	1		250	250		
TOTAL FOR MAP NO. 9										1.81			100		25,000										2,301		138	400			1	1		250	250		
TOTAL FOR PROJ NO. 10CR.20841.65										1.81			100		25,000										2,301		138	400			1	1		250	250		
10CR.20841.66	Stanly	10	SR 1963 (ST MARTIN RD)	FROM SR 1274 (WEST MAIN ST) TO NC 24/27 MILEPOST 0.00 TO 0.17		6	2	NO	NO	0.17	24		40		2,570									240		14	50				1	1			40		
TOTAL FOR MAP NO. 10										0.17			40		2,570										240		14	50			1	1			40		
TOTAL FOR PROJ NO. 10CR.20841.66										0.17			40		2,570										240		14	50			1	1			40		
10CR.20041.53	Anson	11	SR 1627 (OLD US 52)	FROM US 52 TO US 52		9,10	2	YES	NO	3.35	22	350	300	6.70	31,751		1,000	500	2,347		6,158		4,183	50		653	300						500	720			
TOTAL FOR MAP NO. 11										3.35		350	300	6.70	31,751		1,000	500	2,347		6,158		4,183	50		653	300					500	720				
TOTAL FOR PROJ NO. 10CR.20041.53										3.35		350	300	6.70	31,751		1,000	500	2,347		6,158		4,183	50		653	300					500	720				
GRAND TOTAL										22.83		650	1,090	12.02	263,369	2,167	1,000	500	2,347	808	6,158	405	25,239	550	4,172	2,251	3,500	7	10	1	8	6	1.00	1,950	2,110		

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10841.44, 10CR.10841.45 10CR.10841.46, ETC.	9	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	440000000-E	4457000000-N	451000000-N	489100000-E		489100000-E		469500000-E		469700000-E	470000000-E	471000000-E	472100000-E		472500000-E				472500000-E	490000000-N		
										STATIONARY WORK ZONE SIGN	TEMPORARY TRAFFIC CONTROL	POLICE	4" X 90 M WHITE THERMO (HRE)	4" X 90 M YELLOW THERMO (HRE)	4" X 120 M YELLOW THERMO (HRE)	4" X 120 M WHITE THERMO (HRE)	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 120 M WHITE THERMO	12" X 90 M YELLOW THERMO	24" X 120 M WHITE THERMO	THERMO MSG SCHOOL 120 M	THERMO MSG ONLY 120 M	THERMO LT ARROW 90 M	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO SYMBOLS (24" YIELD, WHITE 90 M)	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS
										SF	LS	HR	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
10CR.10841.44	Stanly	1	US 52	FROM ANSON CO. LINE TO END OF TWO LANE SECTION OF US 52 MILEPOST 0.00 TO 1.60	1	2	1.6	25	144	1			16,900	18,300			35				80							7	230		
TOTAL FOR MAP NO. 1							1.6		144	1			16,900	18,300			35				80						7	230			
TOTAL FOR PROJ NO. 10CR.10841.44							1.6		144	1			16,900	18,300			35				80						7	230			
													16,900	18,300			35								4					230	
10CR.10841.45	Stanly	2	US 52	FROM END TWO LANE SECTION TO PAVEMENT JOINT PAST SR 1740 (PEE DEE AVE) MILEPOST 1.60 TO 2.25	2,3,4	2	0.65	43	48				1,800	1,500	7,800	950	265	160	250		390	12	4	15	2	4	1		78	48	
TOTAL FOR MAP NO. 2							0.65		48				1,800	1,500	7,800	950	265	160	250		390	12	4	15	2	4	1		78	48	
TOTAL FOR PROJ NO. 10CR.10841.45							0.65		48				1,800	1,500	7,800	950	265	160	250		390	12	4	15	2	4	1		78	48	
													3,300	8,750			425						16			22					126
10CR.10841.46	Stanly	3	BUS. 52	FROM SR 1494 (WEST MAIN ST) TO SR 1474 (SALISBURY AVE) MILEPOST 1.05 TO 1.78	5	2	0.73	50	80				900		7,730	400			600		300			8	2	1	6				
TOTAL FOR MAP NO. 3							0.73		80				900		7,730	400			600		300			8	2	1	6				
TOTAL FOR PROJ NO. 10CR.10841.46							0.73		80				900		7,730	400			600		300			8	2	1	6				
													900	8,130												17					
10CR.20841.60	Stanly	4	SR 1227 (RIDGECREST RD)	FROM SR 1134 (MILLINGPORT RD) TO SR 1214 (AUSTIN RD) MILEPOST 1.20 TO 3.60	7	2	2.4	21	214																						
TOTAL FOR MAP NO. 4							2.4		214																						
TOTAL FOR PROJ NO. 10CR.20841.60							2.4		214																						
10CR.20841.61	Stanly	5	SR 1200 (MEADOW CREEK CH RD)	FROM NC 24/27 TO NC 200 MILEPOST 0.00 TO 2.66	8	2	2.66	21	182																						
TOTAL FOR MAP NO. 5							2.66		182																						
TOTAL FOR PROJ NO. 10CR.20841.61							2.66		182																						
10CR.20841.62	Stanly	6	SR 1146 (PINE BLUFF RD)	FROM CABARRUS CO. LINE TO SR 1145 (RIVER RD) MILEPOST 0.00 TO 1.00	7	2	1	20	80																						
TOTAL FOR MAP NO. 6							1		80																						
TOTAL FOR PROJ NO. 10CR.20841.62							1		80																						
10CR.20841.63	Stanly	7	SR 1963 (ST MARTIN RD)	FROM NC 24/27 TO SR 1968 (HARTSELL RD) MILEPOST 0.21 TO 5.52	6	2	5.34	21	144		20																				
TOTAL FOR MAP NO. 7							5.34		144		20																				
TOTAL FOR PROJ NO. 10CR.20841.63							5.34		144		20																				
10CR.208.41.64	Stanly	8	SR 1968 (ST MARTIN RD)	FROM SR 1968 (HARTSELL RD) TO SR 1221 (FROG POND RD) MILEPOST 5.52 TO 8.64	6	2	3.12	22	182																						
TOTAL FOR MAP NO. 8							3.12		182																						
TOTAL FOR PROJ NO. 10CR.208.41.64							3.12		182																						
10CR.20841.65	Stanly	9	SR 1975 (ST MARTIN RD)	FROM SR 1221 (FROG POND RD) TO NC 742 MILE POST 8.64 TO 10.45	6	2	1.81	22	150																						
TOTAL FOR MAP NO. 9							1.81		150																						
TOTAL FOR PROJ NO. 10CR.20841.65							1.81		150																						
10CR.20841.66	Stanly	10	SR 1963 (ST MARTIN RD)	FROM SR 1274 (WEST MAIN ST) TO NC 24/27 MILEPOST 0.00 TO 0.17	6	2	0.17	24	48		30		1,828		1,828												1		1		
TOTAL FOR MAP NO. 10							0.17		48		30		1,828		1,828												1		1		
TOTAL FOR PROJ NO. 10CR.20841.66							0.17		48		30		1,828		1,828												1		1		
													1,828	1,828												2					
10CR.20041.53	Anson	11	SR 1627 (OLD US 52)	FROM US 52 TO US 52	9,10	2	3.35	22	246																						
TOTAL FOR MAP NO. 11							3.35		246																						
TOTAL FOR PROJ NO. 10CR.20041.53							3.35		246																						
GRAND TOTAL								22.83	1,518	1	50	21,428	1,500	35,658	1,350	300	160	850	80	690	12	4	27	4	6	7	1	7	308	48	
													22,928		37,008		460				16		52								

SIGNING FOR RESURFACING PROJECTS

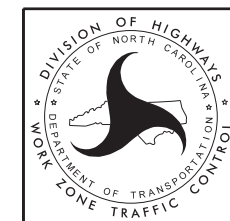


LEGEND	
┆	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

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"> 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;"> <div style="text-align: center;"> <p>W20-1 48" X 48"</p> </div> <div style="text-align: center;"> <p>W20-7 A 48" X 48"</p> </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.		

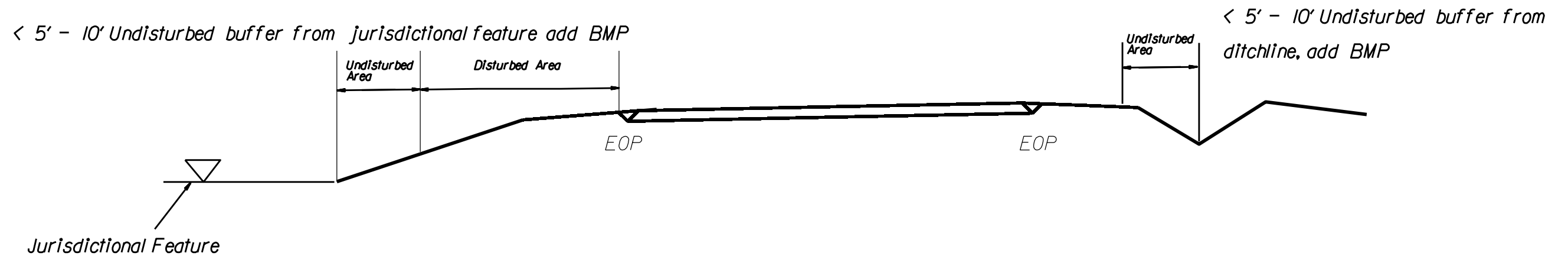
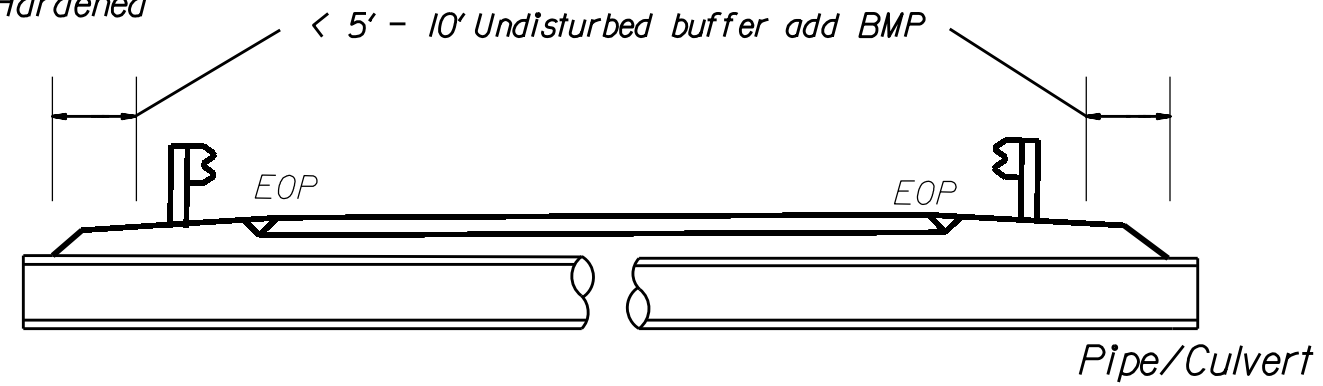


**RESURFACING
 ADVANCE WARNING SIGNS
 FOR
 RURAL AND SUBURBAN
 2 LANE ROADWAYS**

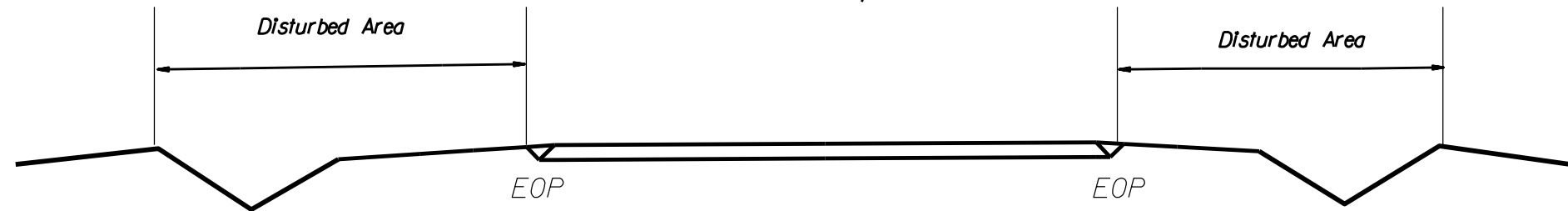
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

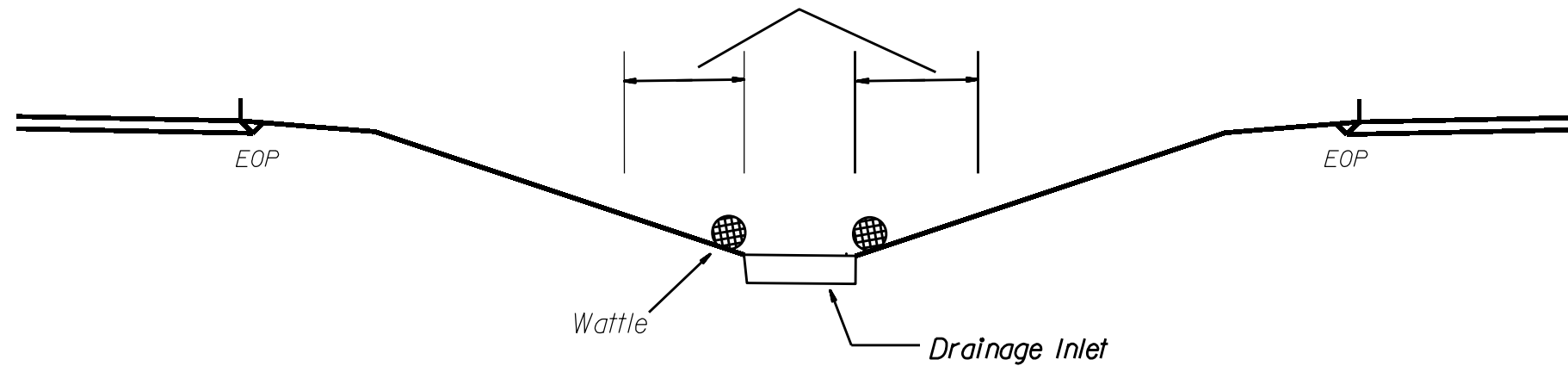
EROSION CONTROL DETAIL



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

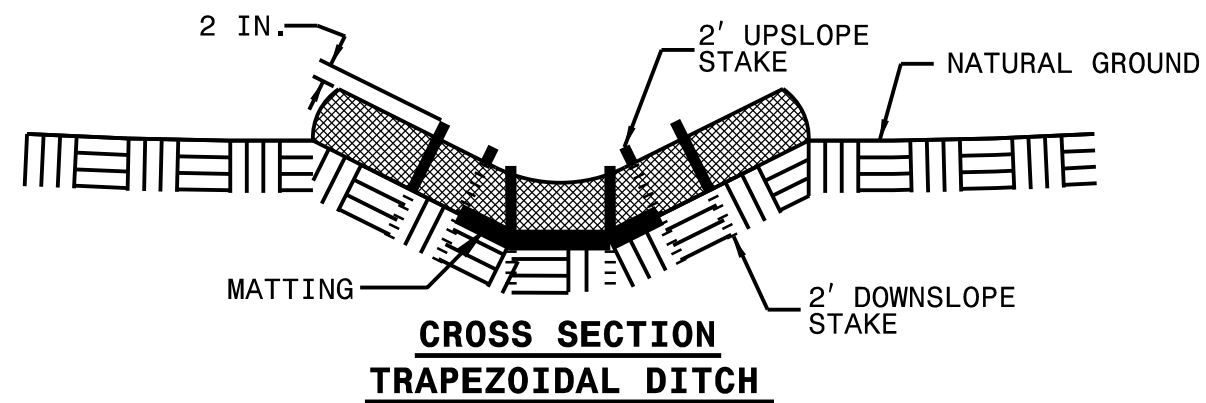
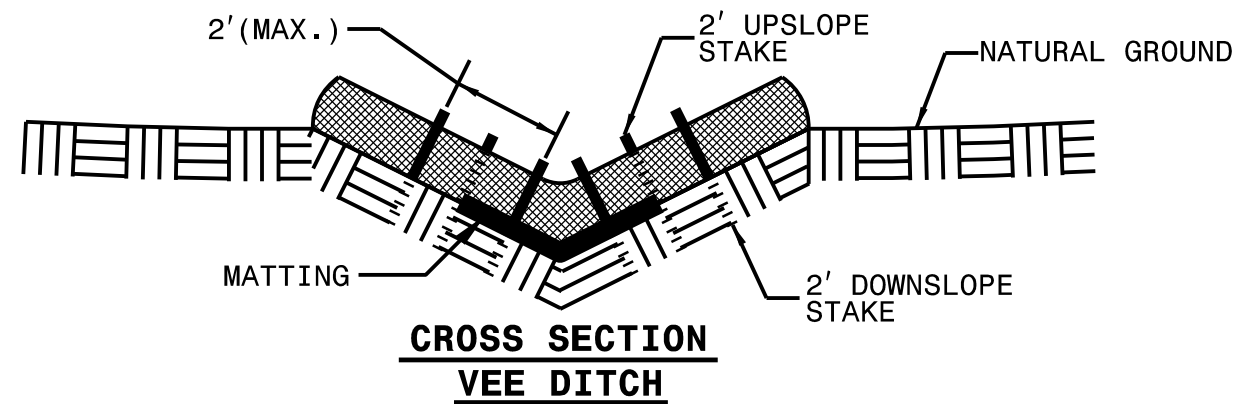
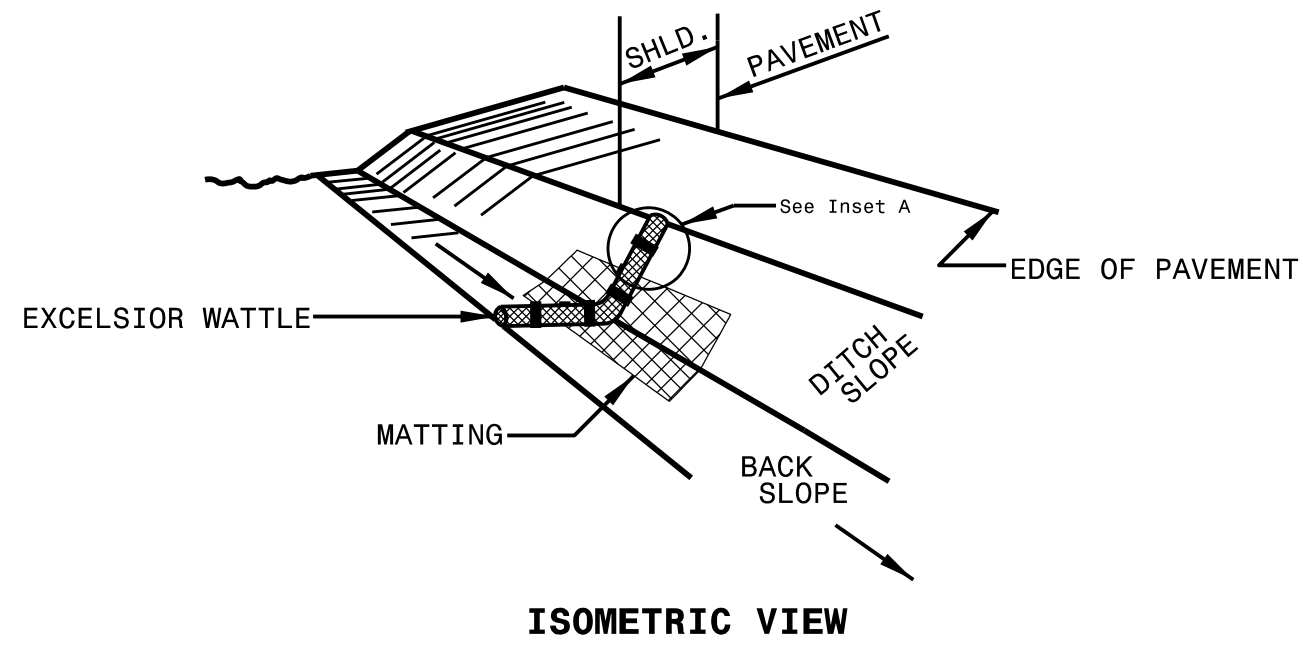


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

