

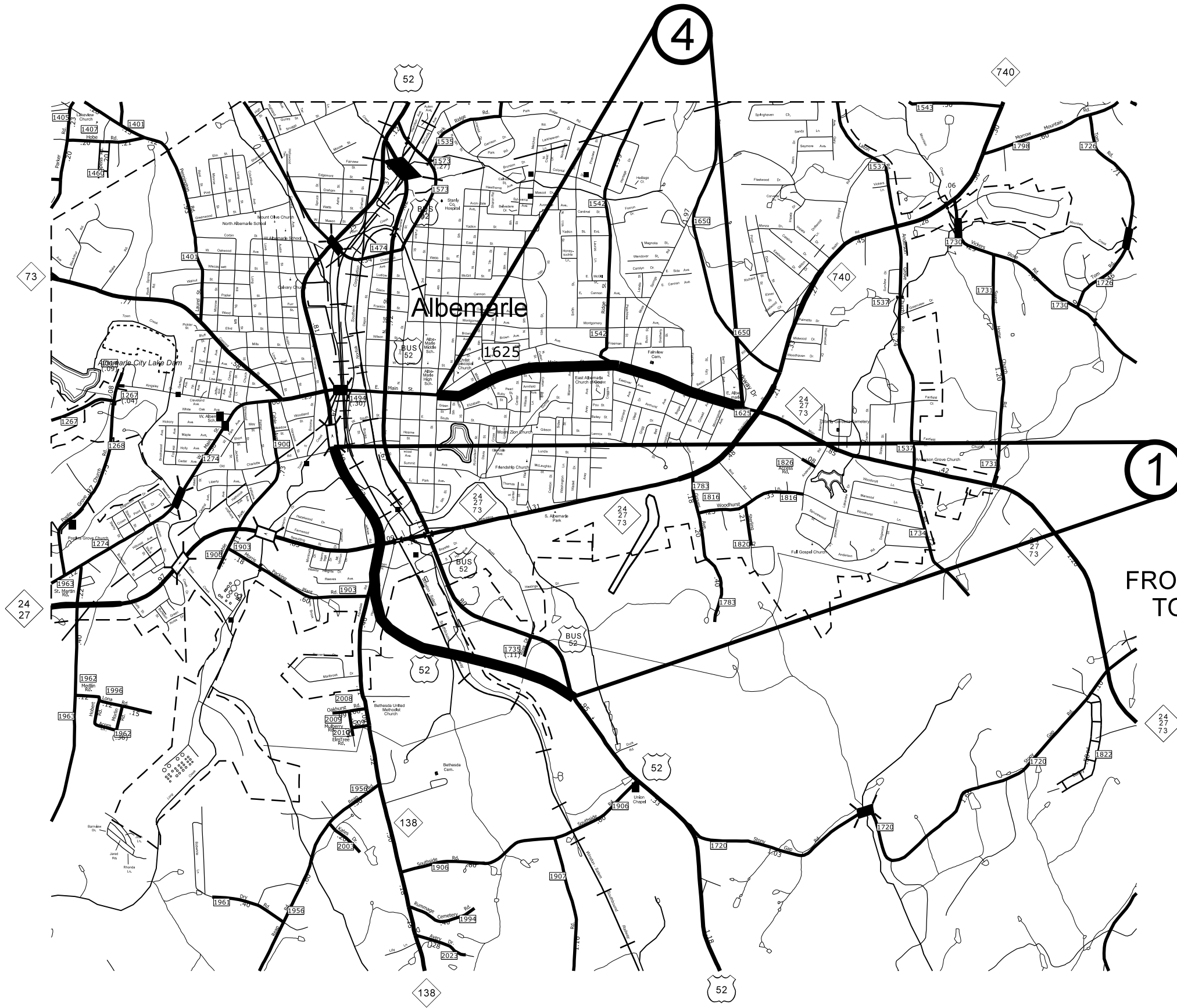
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	1	
F.A. PROJECT NO.			



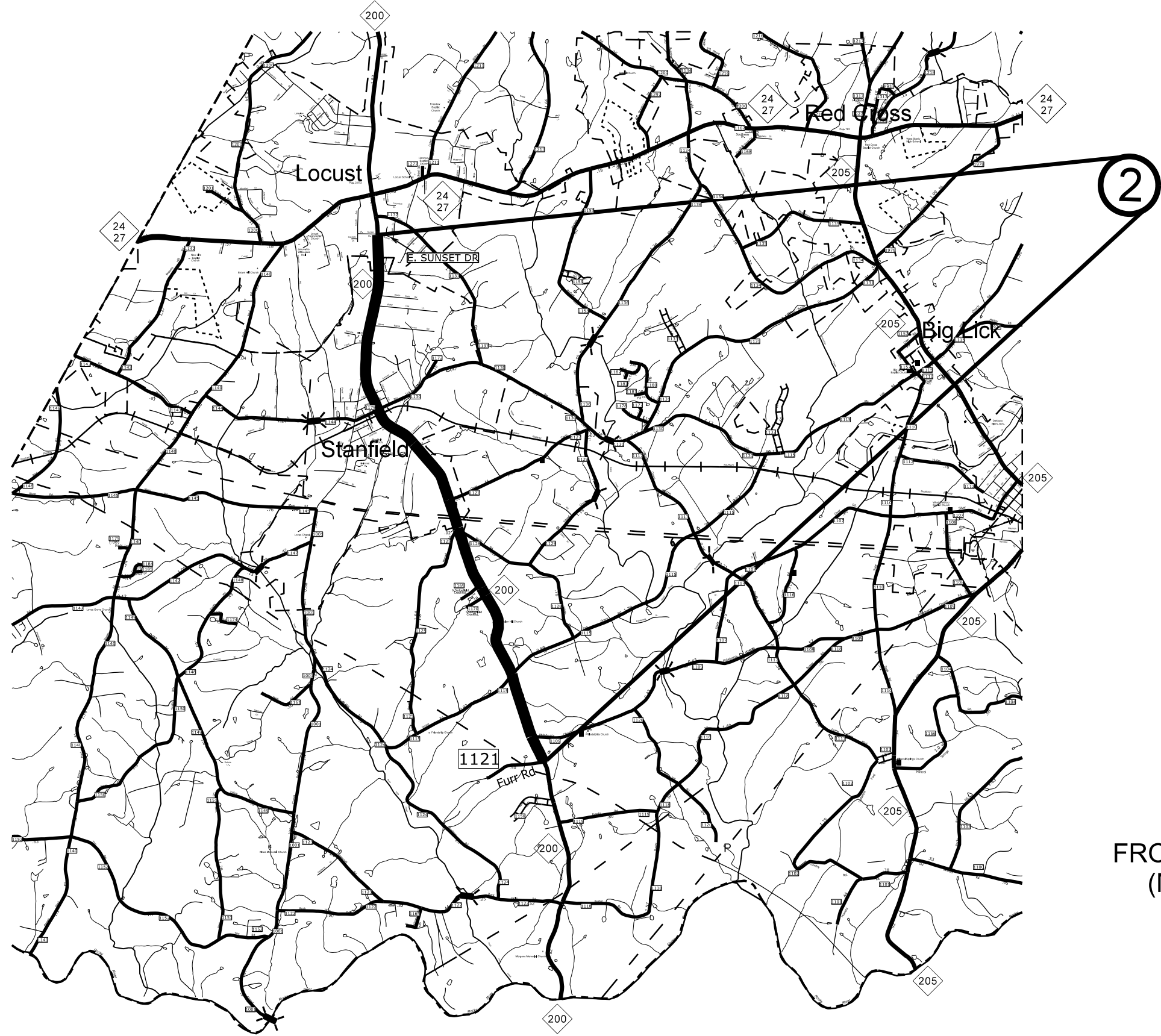
ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

**MAP #1 US HWY 52 3.9 MILES
 FROM PAVEMENT JOINT SOUTH OF OLD HWY 52 (MP 9.4)
 TO CONC. BRIDGE AT OLD CHARLOTTE RD (MP 13.3)**

**MAP #4 SR-1625 (EAST MAIN ST) 1.63 MILES
 FROM PAVEMENT JOINT AT PEE DEE AVE
 (MP 0.27) TO PARKWAY DR (MP 1.9)**



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	2	
F.A. PROJECT NO.			

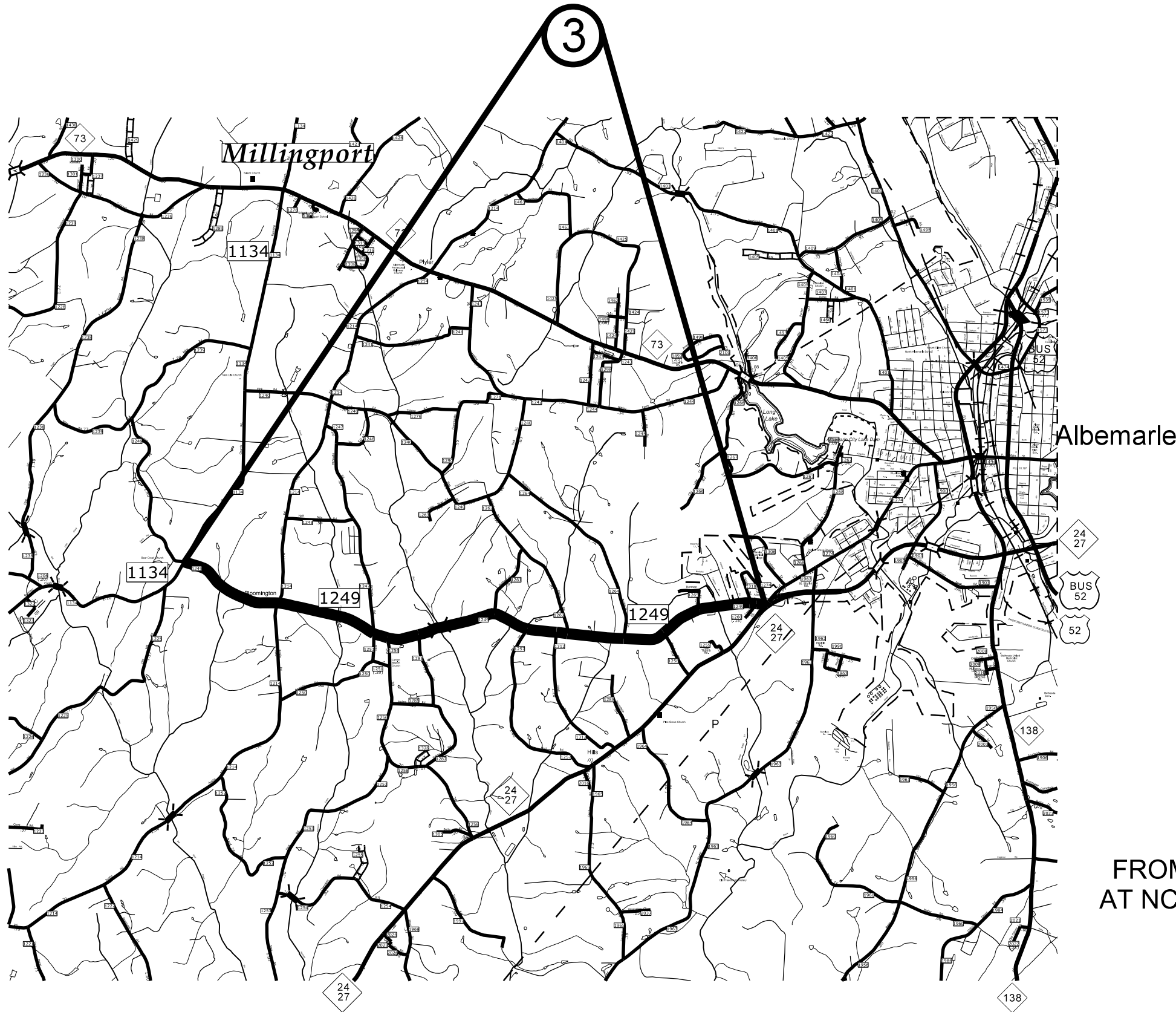


ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #2 HWY 200
 4.73 MILES

FROM THE PAVEMENT JOINT AT E. SUNSET DR
 (MP 6.73) TO SR-1121 (FURR RD) (MP 2.02)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	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 - DIVISION 10 DISTRICT 1

MAP #3 SR-1249 (CANTON RD)
5.02 MILES

**FROM THE BEGINNING OF THE CONCRETE ISLAND
 AT NC 24/27 (MP 0.02) TO SR-1134 (MILLINGTON RD)
 (MP 5.02)**

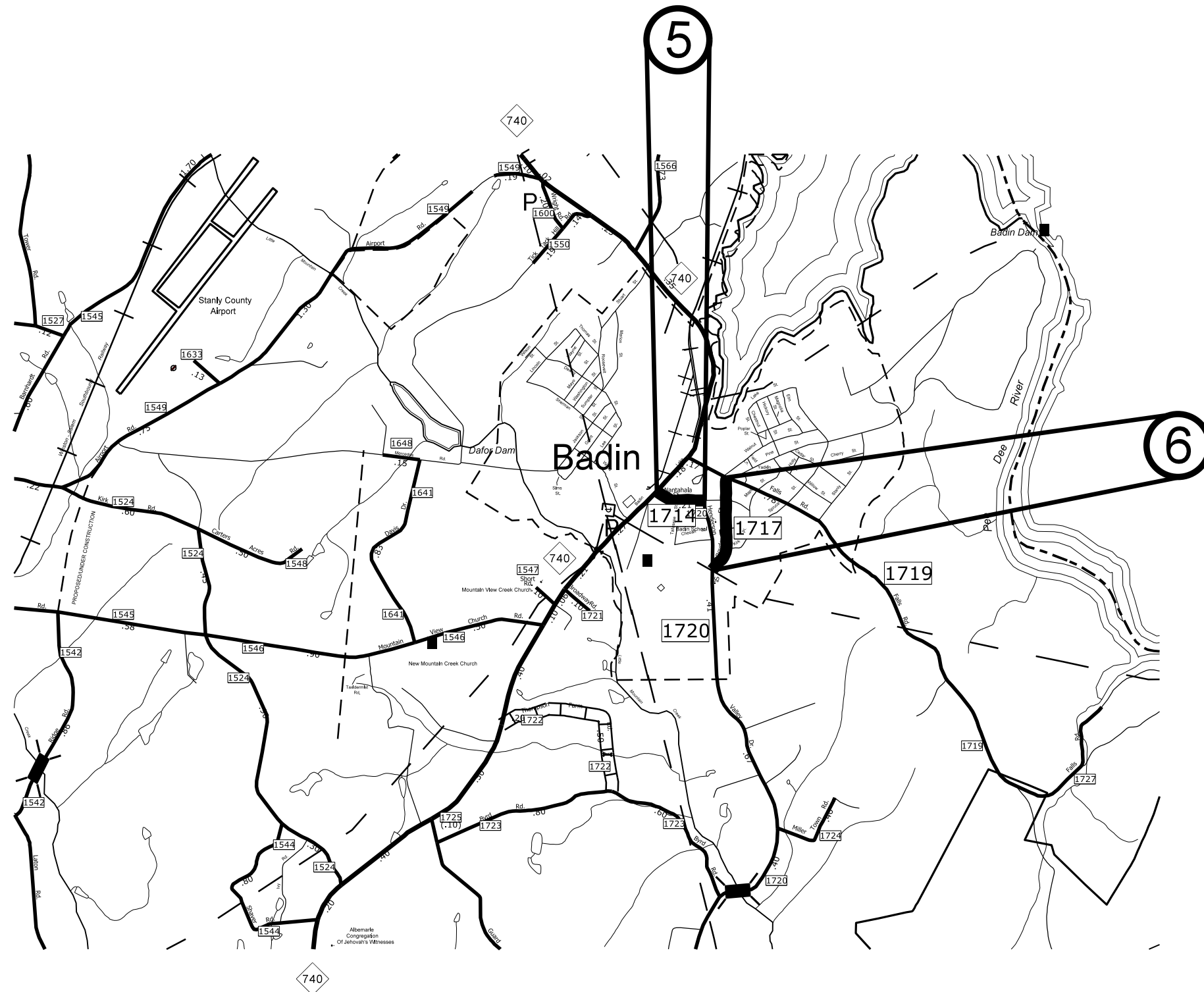
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	4	
F.A. PROJECT NO.			



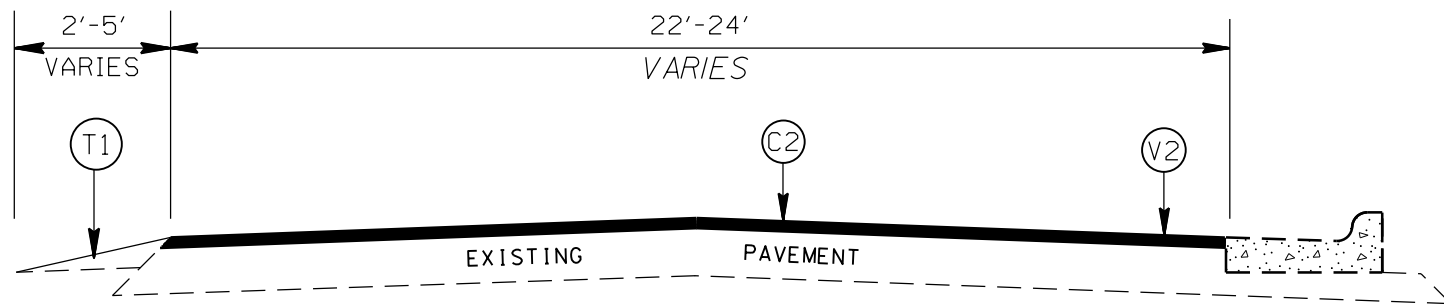
ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

**MAP #5 SR-1714 (NANTAHALA ST) 0.20 MILES
 FROM NC HWY 740 (MP 0.0) TO SR-1720
 (HENDERSON ST) (MP 0.20)**

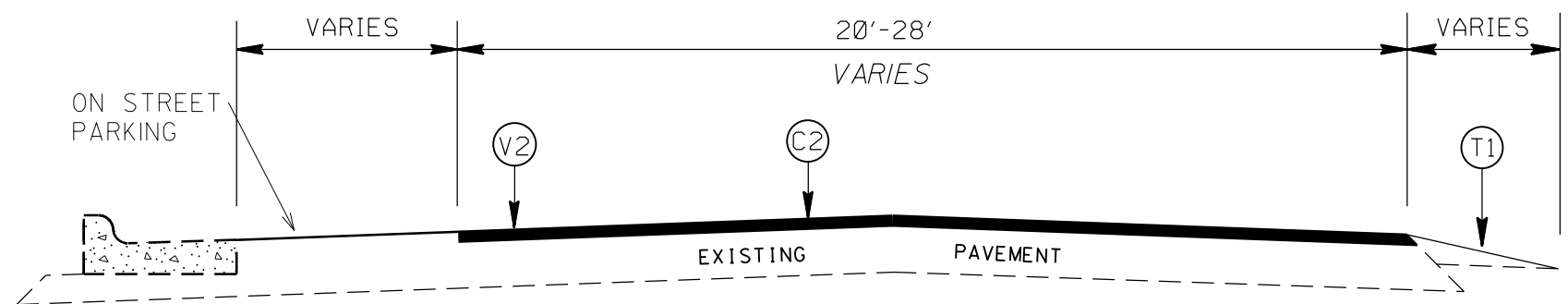
**MAP #6 SR-1717 (BOYDEN ST) 0.34 MILES
 FROM PAVEMENT JOINT AT SR-1719
 (FALLS RD) (MP 0.376) TO PAVEMENT
 JOINT AT SR-1720 (HENDERSON ST) (MP 0.0)**



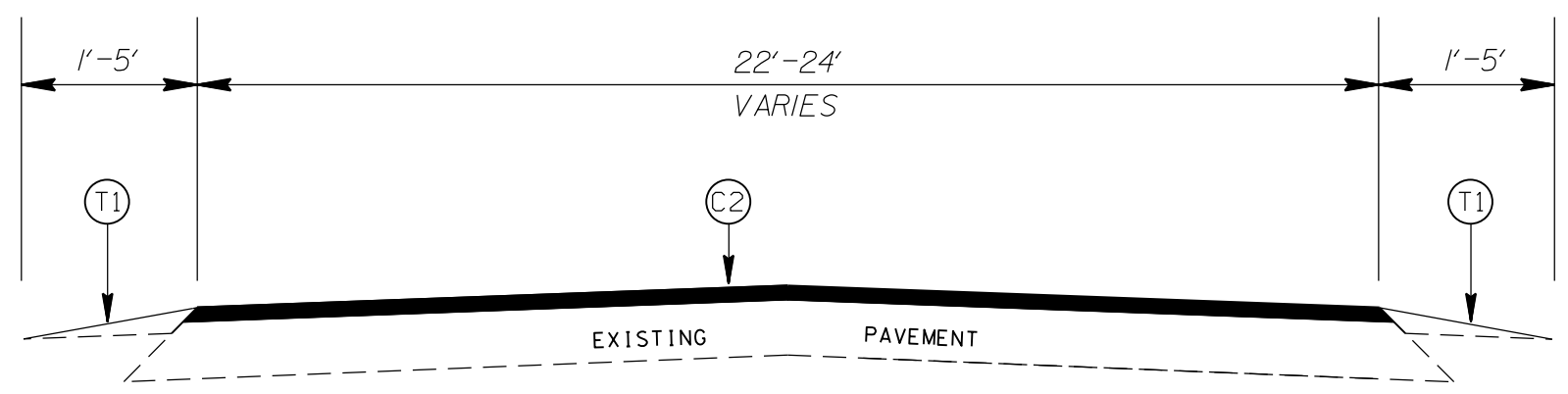
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.I0.08.I084I.2 ETC.	5	
F.A. PROJECT NO.			



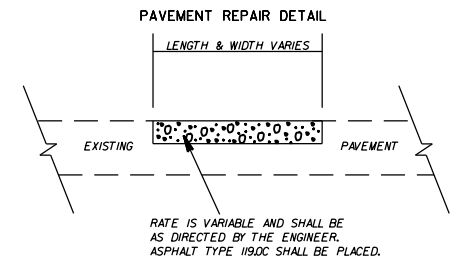
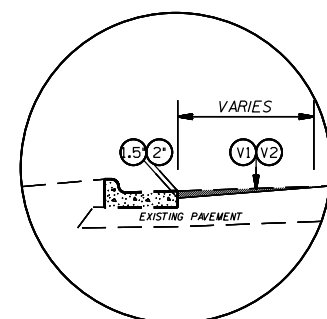
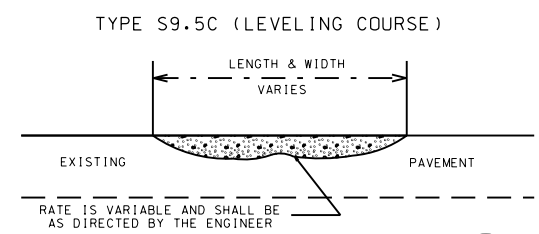
TYPICAL SECTION NO. 3
NC 200



TYPICAL SECTION NO. 2
NC 200



TYPICAL SECTION NO. 1
NC 200



DETAIL FOR PROFILE MILLING (0" TO 1.5")
DETAIL FOR PROFILE MILLING (0" TO 2")

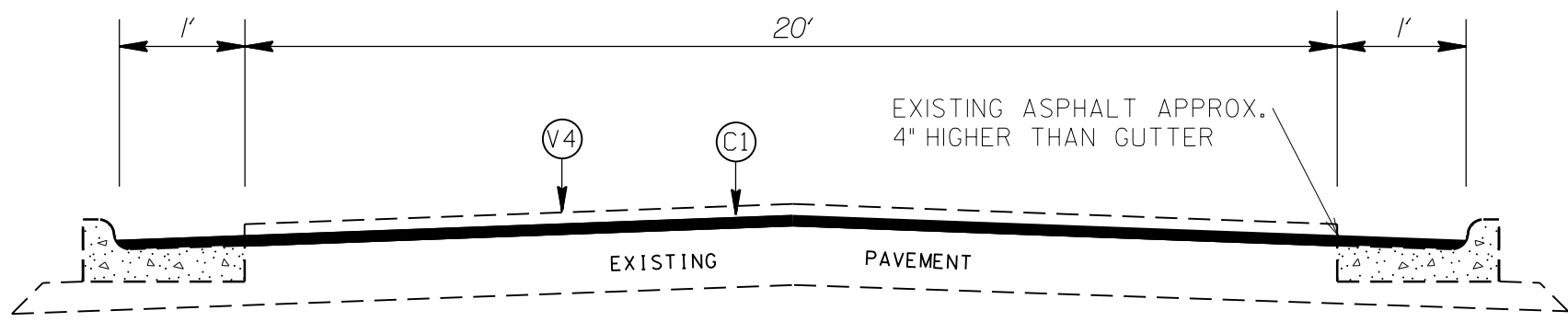
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.5" (10' WIDTH)
V2	PROFILE MILLING OF EXISTING ASPHALT, 0"-2" (10' WIDTH)
V3	MILLING OF EXISTING PAVEMENT, 1.5"
V4	MILLING OF EXISTING PAVEMENT, 4"

- NOTES: 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER
2. ALL WORK ON MAP #1 MUST BE COMPLETED PRIOR TO SEPTEMBER 2018
3. DO NOT RESURFACE OVER RXR CROSSING ON MAP #2
4. ON MAP #3, PLACE MATCOAT IMMEDIATELY BEFORE RESURFACING

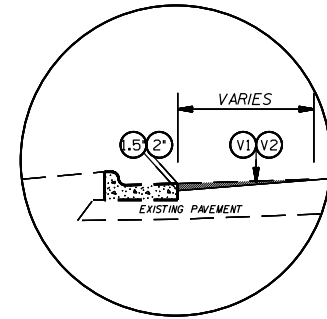
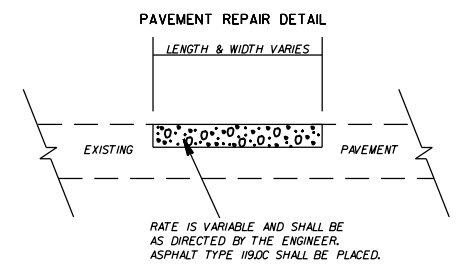
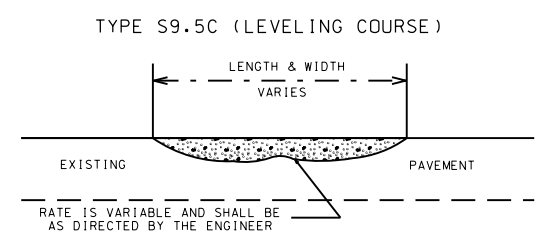
STANLY COUNTY
RESURFACING 2018-2019

SCALE	-NA-		REVISIONS
DATE	1/18		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JAB		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	6	
F.A. PROJECT NO.			



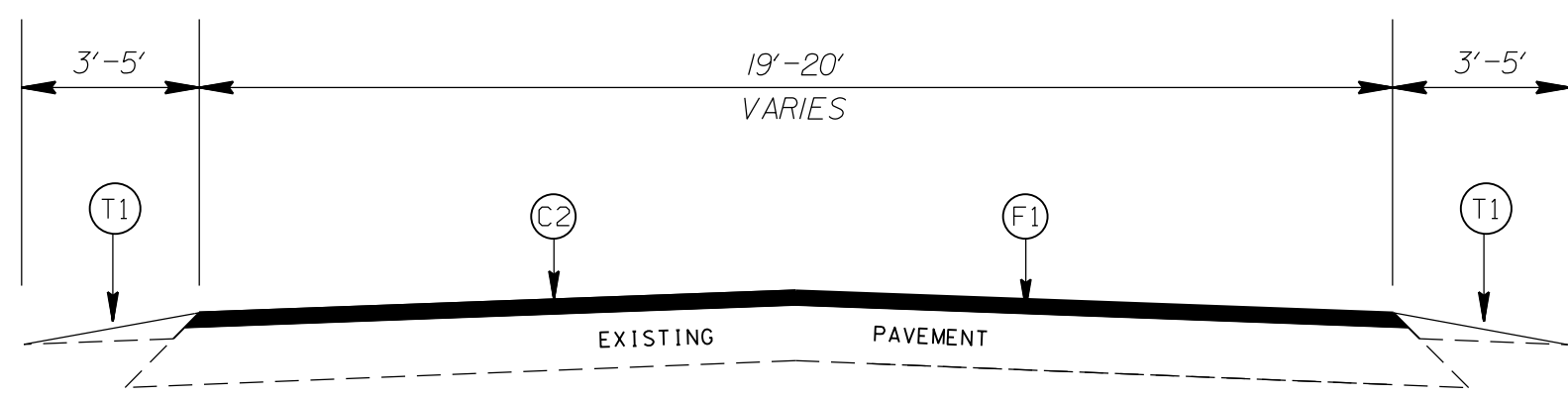
TYPICAL SECTION NO. 6
SR-1714 (NANTAHALA ST)



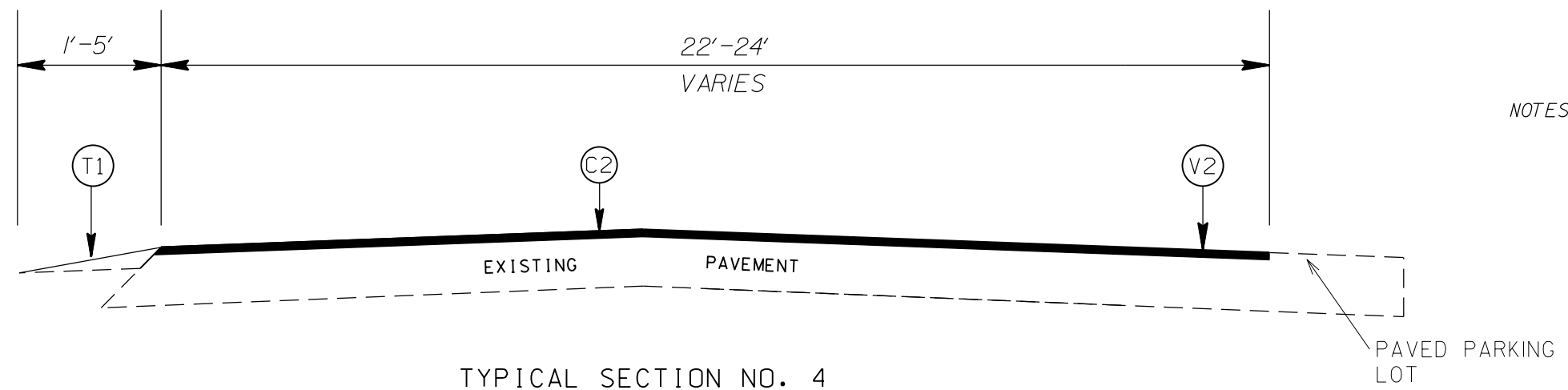
DETAIL FOR PROFILE MILLING (0" TO 1.5")
DETAIL FOR PROFILE MILLING (0" TO 2")

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. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.5" (10' WIDTH)
V2	PROFILE MILLING OF EXISTING ASPHALT, 0"-2" (10' WIDTH)
V3	MILLING OF EXISTING PAVEMENT, 1.5"
V4	MILLING OF EXISTING PAVEMENT, 4"

- NOTES: 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER
 2. ALL WORK ON MAP #1 MUST BE COMPLETED PRIOR TO SEPTEMBER 2018
 3. DO NOT RESURFACE OVER RXR CROSSING ON MAP #2
 4. ON MAP #3, PLACE MATCOAT IMMEDIATELY BEFORE RESURFACING



TYPICAL SECTION NO. 5
SR-1249 CANTON RD

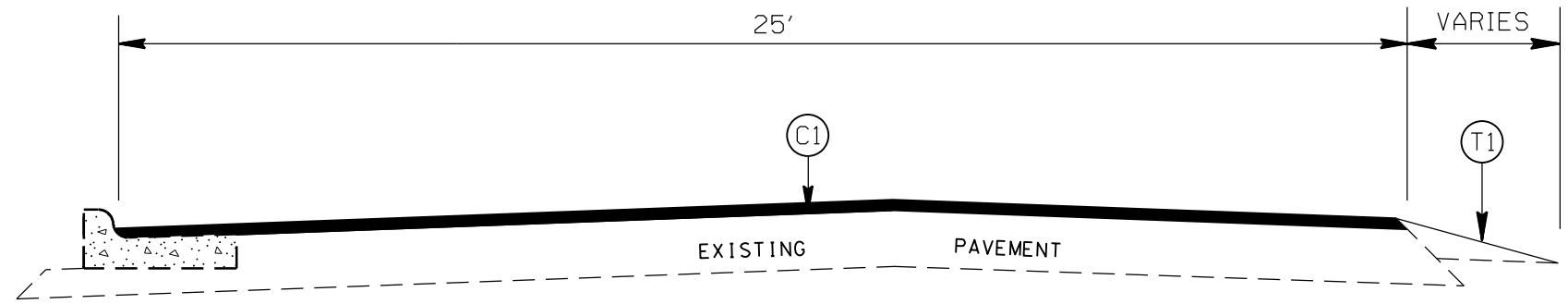


TYPICAL SECTION NO. 4
NC 200

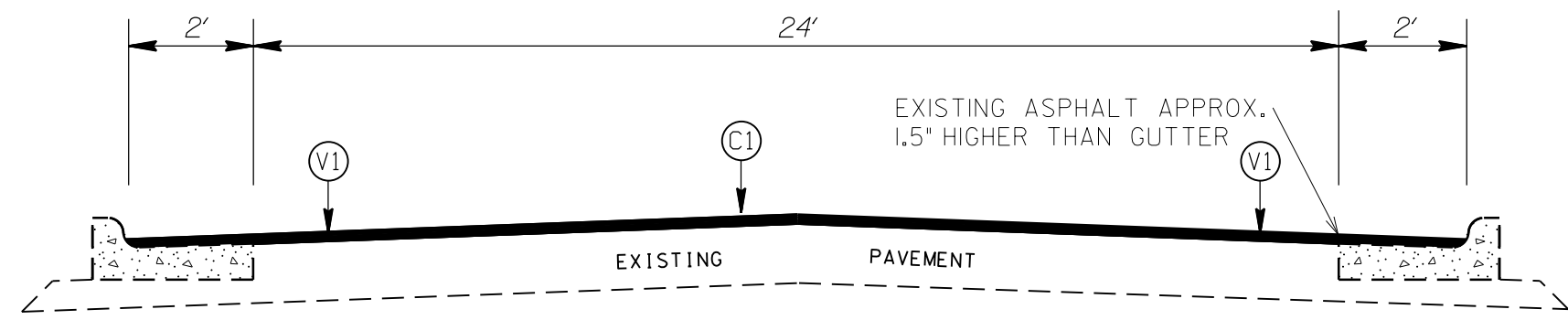
STANLY COUNTY
RESURFACING 2018-2019

SCALE	-NA-		REVISIONS
DATE	1/18		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JAB		

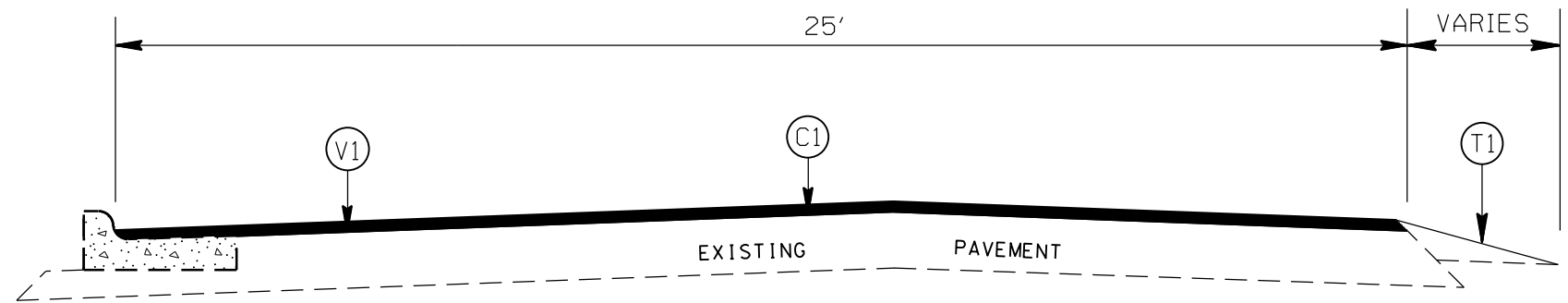
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	7	
F.A. PROJECT NO.			



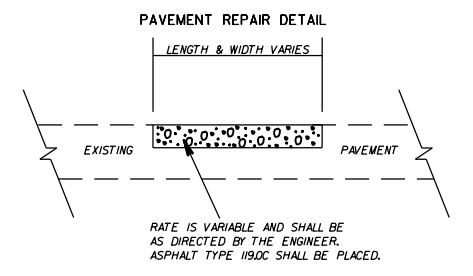
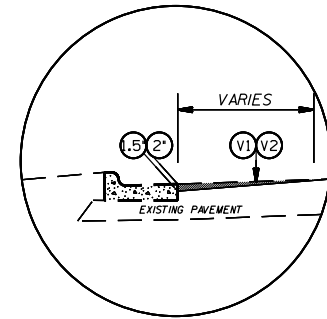
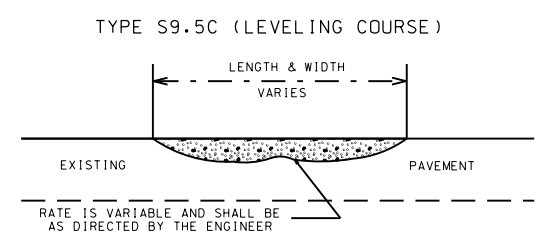
TYPICAL SECTION NO. 9
SR-1717 (BOYDEN ST)



TYPICAL SECTION NO. 8
SR-1717 (BOYDEN ST)



TYPICAL SECTION NO. 7
SR-1714 (NANTAHALA ST)



DETAIL FOR PROFILE MILLING (0" TO 1.5")
DETAIL FOR PROFILE MILLING (0" TO 2")

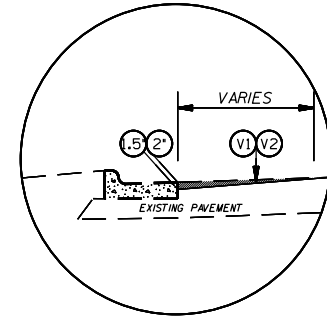
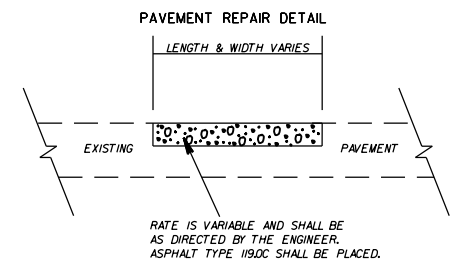
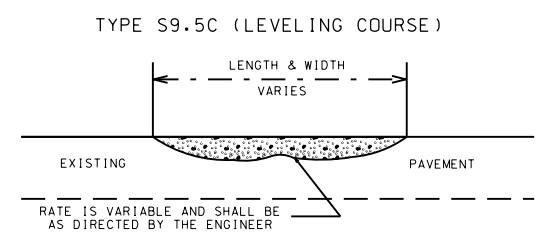
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.5" (10' WIDTH)
V2	PROFILE MILLING OF EXISTING ASPHALT, 0"-2" (10' WIDTH)
V3	MILLING OF EXISTING PAVEMENT, 1.5"
V4	MILLING OF EXISTING PAVEMENT, 4"

- NOTES: 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER
2. ALL WORK ON MAP #1 MUST BE COMPLETED PRIOR TO SEPTEMBER 2018
3. DO NOT RESURFACE OVER RXR CROSSING ON MAP #2
4. ON MAP #3, PLACE MATCOAT IMMEDIATELY BEFORE RESURFACING

STANLY COUNTY
RESURFACING 2018-2019

SCALE	-NA-		REVISIONS
DATE	1/18		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JAB		

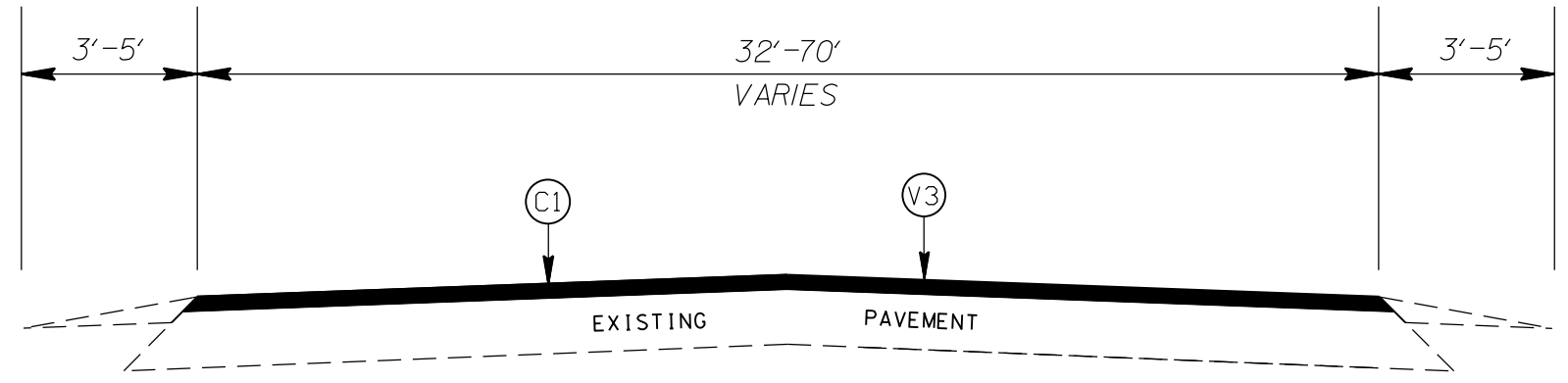
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	8	
F.A. PROJECT NO.			



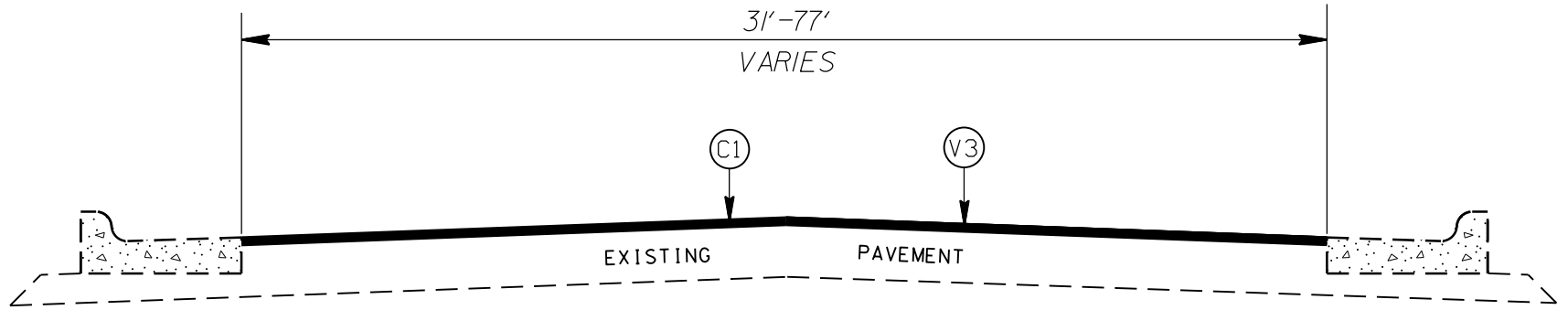
DETAIL FOR PROFILE MILLING (0" TO 1.5")
 DETAIL FOR PROFILE MILLING (0" TO 2")

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
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V3	MILLING OF EXISTING PAVEMENT, 1.5"
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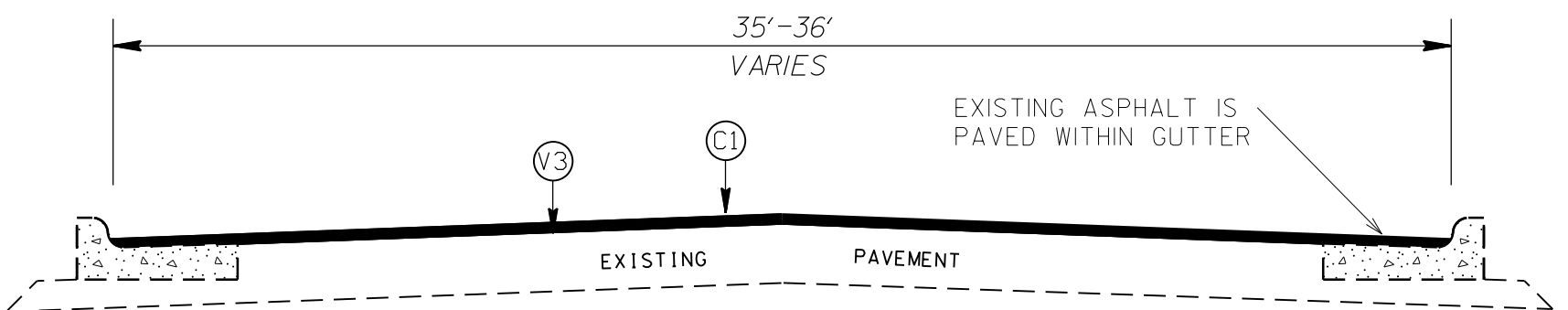
- NOTES: 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER
 2. ALL WORK ON MAP #1 MUST BE COMPLETED PRIOR TO SEPTEMBER 2018
 3. DO NOT RESURFACE OVER RXR CROSSING ON MAP #2
 4. ON MAP #3, PLACE MATCOAT IMMEDIATELY BEFORE RESURFACING



TYPICAL SECTION NO. 12
US 52



TYPICAL SECTION NO. 11
US 52
SR-1625 (EAST MAIN ST)

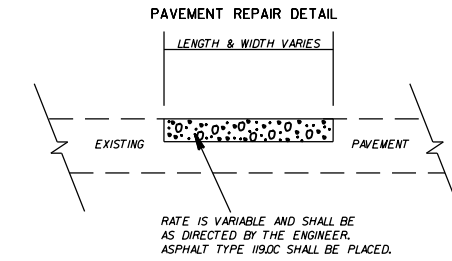
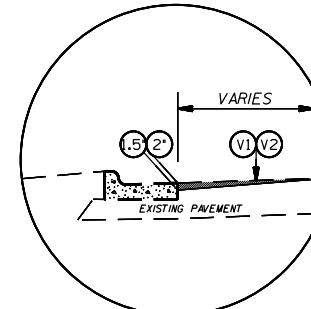
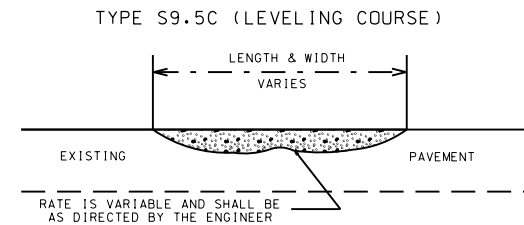


TYPICAL SECTION NO. 10
SR-1625 (EAST MAIN ST)

STANLY COUNTY
RESURFACING 2018-2019

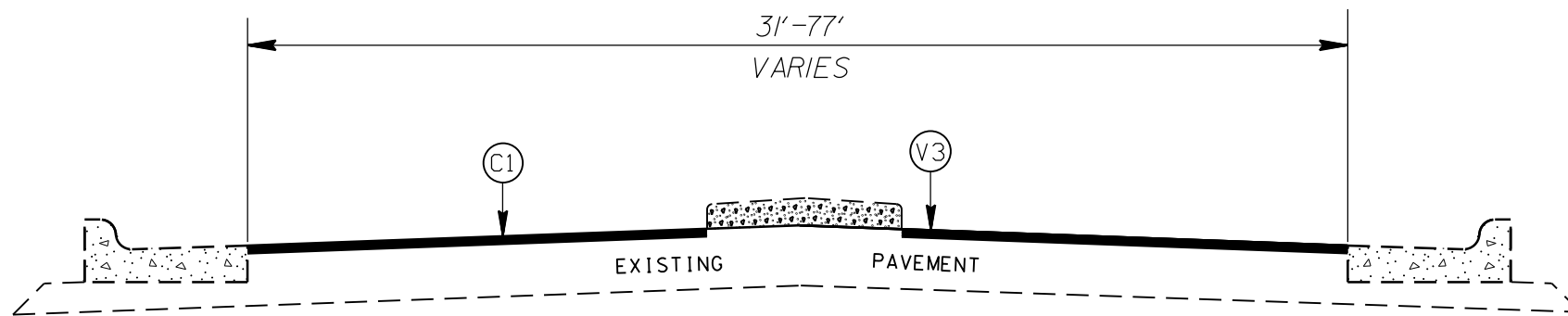
SCALE	-NA-		REVISIONS
DATE	1/18		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JAB		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 ETC.	9	
F.A. PROJECT NO.			

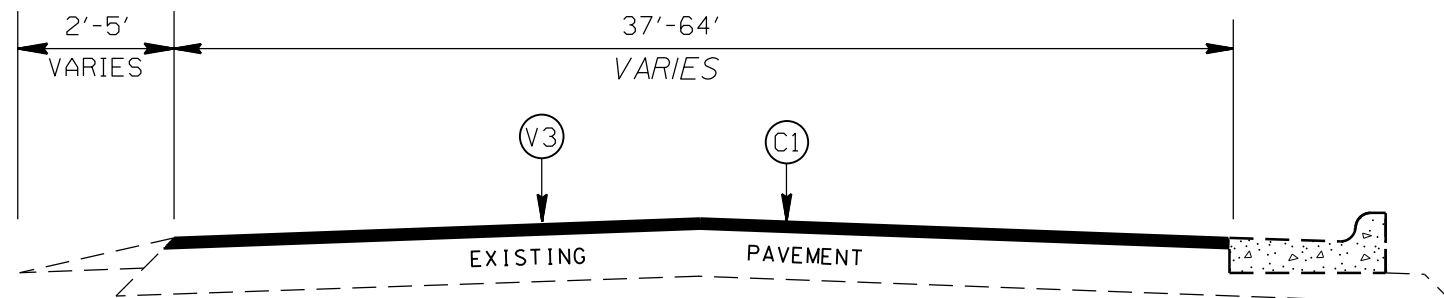


DETAIL FOR PROFILE MILLING (0" TO 1.5")
 DETAIL FOR PROFILE MILLING (0" TO 2")

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. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.5" (10' WIDTH)
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V3	MILLING OF EXISTING PAVEMENT, 1.5"
V4	MILLING OF EXISTING PAVEMENT, 4"



TYPICAL SECTION NO. 14
US 52



TYPICAL SECTION NO. 13
US 52

- NOTES: 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER
 2. ALL WORK ON MAP #1 MUST BE COMPLETED PRIOR TO SEPTEMBER 2018
 3. DO NOT RESURFACE OVER RXR CROSSING ON MAP #2
 4. ON MAP #3, PLACE MATCOAT IMMEDIATELY BEFORE RESURFACING

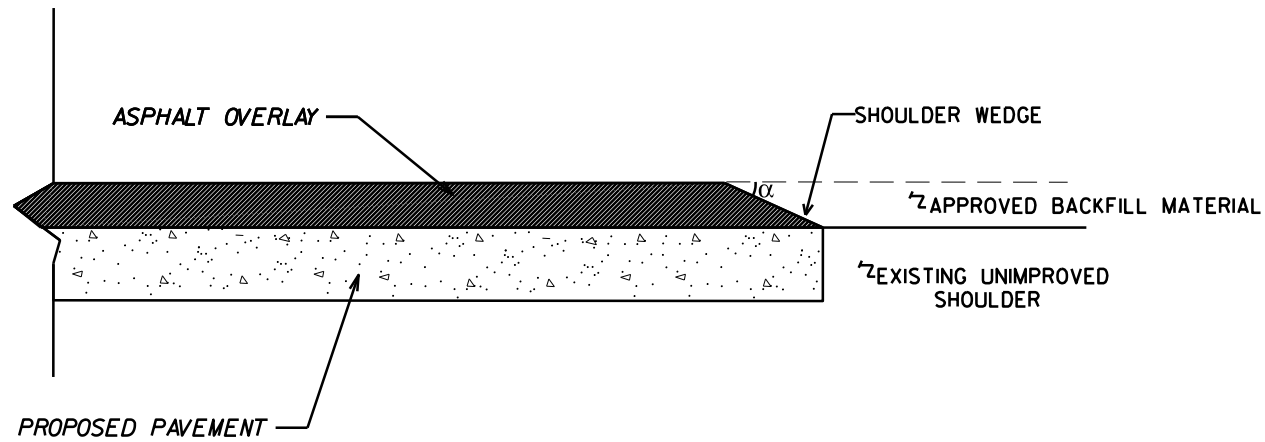
STANLY COUNTY
RESURFACING 2018-2019

SCALE	-NA-		REVISIONS
DATE	1/18		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JAB		

NOTES:

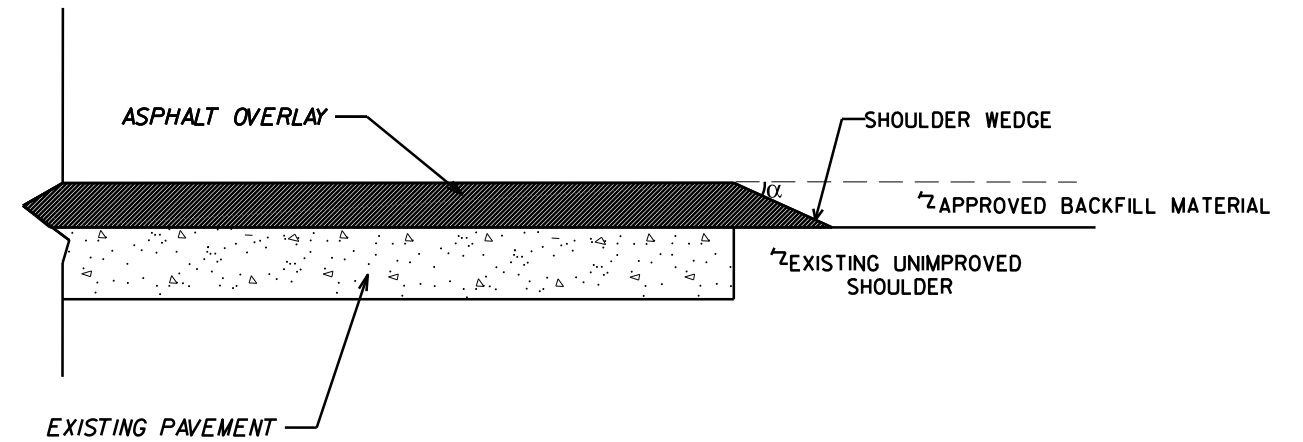
- 1) DETAIL DOES NOT APPLY TO OGAFCC AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 - ETC.	10	
F.A. PROJECT NO.			



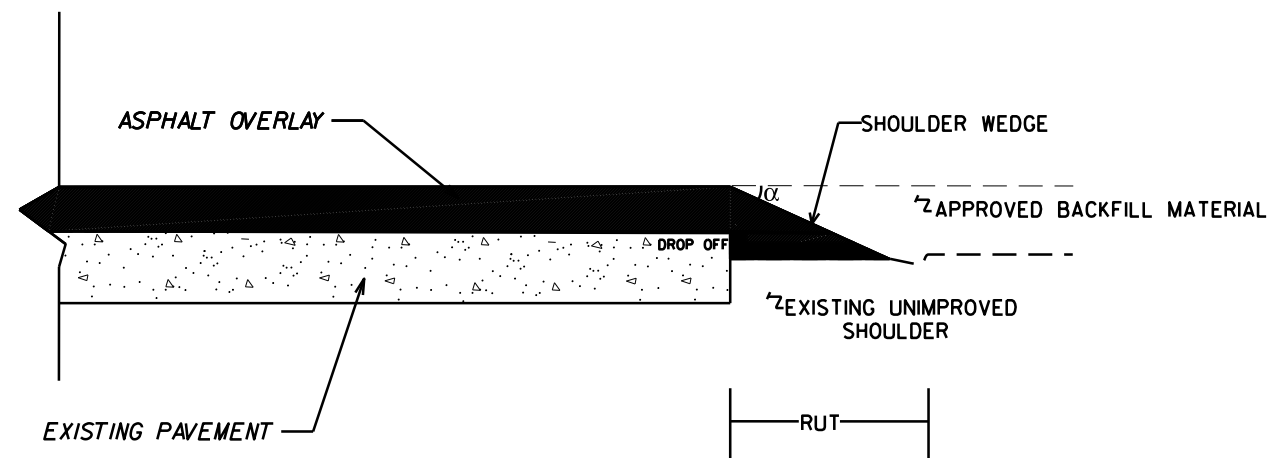
SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ WIDENING OR WITH EXISTING PAVED SHOILDER HAVING NO DROPOFFS)



SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ NO WIDENING)



SHOULDER WEDGE DETAIL
(RESURFACING ADJACENT TO RUTTED SHOULDER)

$\alpha = 30$ DEGREES

SHOULDER WEDGE DETAILS		
SCALE	-NA-	REVISIONS
DATE	2/18	
DWG. BY	JAB	
DESIGN BY	JAB	
APPROVED	JAB	



PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.10.08.10841.2, 2018CPT.10.08.10841.1 2018CPT.10.08.20841.1, ETC.	11	16

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	1775500000-E	1838000000-E	2600000000-N	2605000000-N	2612000000-E	2815000000-N	2830000000-N	2845000000-N	5255000000-N	6000000000-E	6071010000-E	6071020000-E		
											BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1 1/2" MILLING	4" MILLING	0" TO 2" MILLING	0" TO 1.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MATCOAT, #67	EMULSION FOR ASPHALT SURFACE TREATMENT	RETROFIT EXISTING CURB RAMP	CONCRETE CURB RAMP	6" DRIVEWAYS	ADJUSTMENT OF DROP INLETS	ADI. OF MANHOLES	ADI. OF METER OR VALVE BOX	PORTABLE LIGHTING	TEMPORARY SILT FENCE	WATTLE	POLYACRYLAMIDE (PAM)
								MI	FT	CY	TONS	SMI	SY	SY	SY	SY	TONS	TONS	TONS	TONS	SY	GAL	EA	EA	SY	EA	EA	EA	LS	LF	LF	LB		
2018CPT.10.08.10841.2	Stanly	1	US 52	FROM PAVEMENT JOINT SOUTH OF OLD 52 (MP 9.4) TO OLD CHARLOTTE RD (MP 13.3)	11, 12, 13, 14	5	NO	NO	3.9	53	100		1.60	120,900			11,500		690	750							6	6	1					
2018CPT.10.08.10841.1	Stanly	2	NC 200	FROM THE PAVEMENT JOINT AT E. SUNSET DR (MP 6.73) TO SR-1121 (FURR RD) (MP 2.02)	1, 2, 3, 4	2	NO	NO	4.73	23	773	236	9.46		270	1,300	7,871	1,190	550	1,650			1	324	2.00	1	3		500	1,000	3			
2018CPT.10.08.20841.1	Stanly	3	SR-1249 (CANTON RD)	CONCRETE ISLAND AT NC HWY 24/27 (MP .02) TO SR-1134 (MILLINGPORT RD) (MP 5.02)	5	2	NO	NO	5.02	19	850	270	10.04		600	6,890	1,250	495	1,760	55,956	22,385			500				500	1,500	4				
2018CPT.10.08.20841.2	Stanly	4	SR 1625 (EAST MAIN STREET)	FROM THE PAVEMENT JOINT AT PEE DEE AVE. (MP 0.27) TO PARKWAY DR. (MP 1.9)	10, 11	2	NO	NO	1.632	35				36,000			3,500	200	223	600			5	22			10	13						
2018CPT.10.08.20841.3	Stanly	5	SR 1714 (NANTAHALA ST.)	FROM NC 740 TO SR 1720 (HENDERSON ST.) (MP 0.20)	6, 7	2	NO	NO	0.199	23	4		0.09	1,300	560	280	275		17	50			3			4	10							
2018CPT.10.08.20841.4	Stanly	6	SR 1717 (BOYDEN ST.)	FROM SR 1719 (FALLS RD)(MP .0376) TO SR 1720 (HENDERSON ST.)(MP .002)	8, 9	2	NO	NO	0.344	27	4		0.07		2,700	400	550		33	100			1			4	2							
GRAND TOTAL									15.825		1731	506	21.26	156900	1300	270	3260	2580	30586	2640	2008	4910	55956	22385	5	27	824	2	25	34	1	1000	2500	7

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	4413000000-E	4457000000-N	4510000000-N	4770000000-E	4810000000-E	4820000000-E	4830000000-E	4835000000-E	4840000000-N				4845000000-N				4905000000-N				
									WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	COLD APPLIED PLASTIC PAVEMENT MARKING	4" YELLOW PAINT	4" WHITE PAINT	8" WHITE PAINT	8" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG RRR	PAINT MSG SCHOOL	PAINT MSG STOP	PAINT LT ARROW	PAINT STR ARROW	PAINT RT ARROW	PAINT STR & RT ARROW	SNOW PLOWABLE MARKERS			
						MI	FT	SF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA				
2018CPT.10.08.10841.2	Stanly	1	US 52	FROM PAVEMENT JOINT SOUTH OF OLD 52 (MP 9.4) TO OLD CHARLOTTE RD (MP 13.3)	11, 12, 13, 14	5	3.9	53	126.0	0.35	120.00	1,510.00	55,000	35,000	400	900									47	64	14	18	560
2018CPT.10.08.10841.1	Stanly	2	NC 200	FROM THE PAVEMENT JOINT AT E. SUNSET DR (MP 6.73) TO SR-1121 (FURR RD) (MP 2.02)	1, 2, 3, 4	2	4.73	23	540.0	0.24			42,500	51,000		150	183	6											320
2018CPT.10.08.20841.1	Stanly	3	SR-1249 (CANTON RD)	CONCRETE ISLAND AT NC HWY 24/27 (MP .02) TO SR-1134 (MILLINGPORT RD) (MP 5.02)	5	2	5.02	19	570.0	0.25			48,177	53,500		30													
2018CPT.10.08.20841.2	Stanly	4	SR 1625 (EAST MAIN STREET)	FROM THE PAVEMENT JOINT AT PEE DEE AVE. (MP 0.27) TO PARKWAY DR. (MP 1.9)	10, 11	2	1.632	35		0.12	120.00		17,500	450	550	35			12	4				26					165
2018CPT.10.08.20841.3	Stanly	5	SR 1714 (NANTAHALA ST.)	FROM NC 740 TO SR 1720 (HENDERSON ST.) (MP 0.20)	6, 7	2	0.199	23		0.02			2,175			45													
2018CPT.10.08.20841.4	Stanly	6	SR 1717 (BOYDEN ST.)	FROM SR 1719 (FALLS RD)(MP .0376) TO SR 1720 (HENDERSON ST.)(MP .002)	8, 9	2	0.344	27		0.02						145			6	4				73	64	14	18	1045	
GRAND TOTAL									15.825		1236	1	240	1510	165352	139950	950	935	150	1428	6	18	8	73	64	14	18	1045	
													305,302					1,885					32					169	

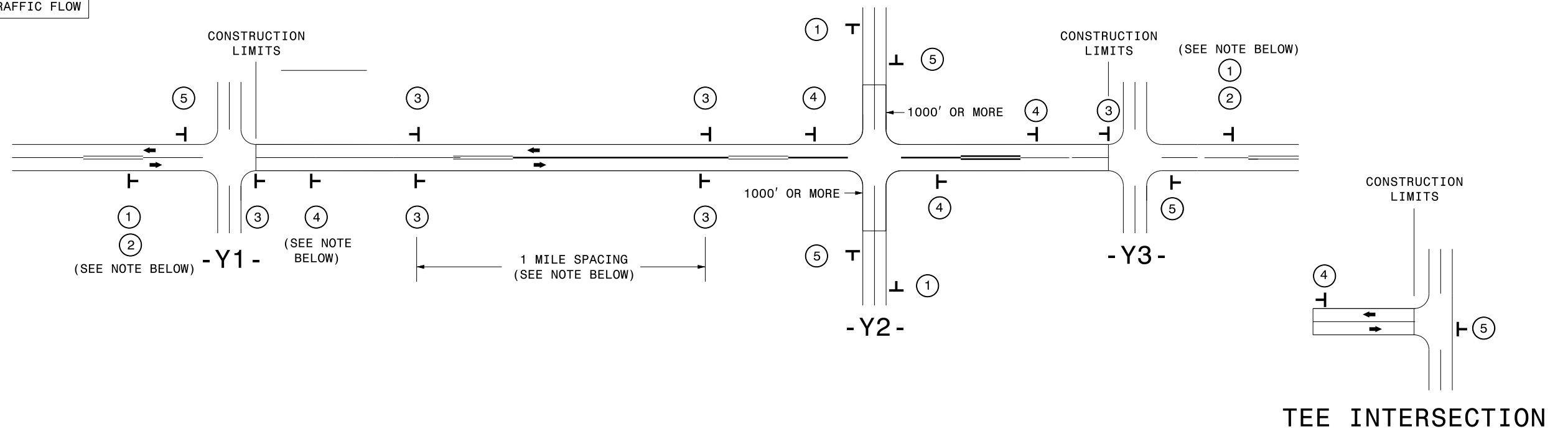
Notes: The Contractor shall install Temporary Paint Pavement Markings in accordance with Section 1205-8(C) of the 2018 Standard Specifications. The Contractor shall not work or park equipment outside of the Right of Way in Historic Areas.

SIGNING FOR RESURFACING PROJECTS

LEGEND

— STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

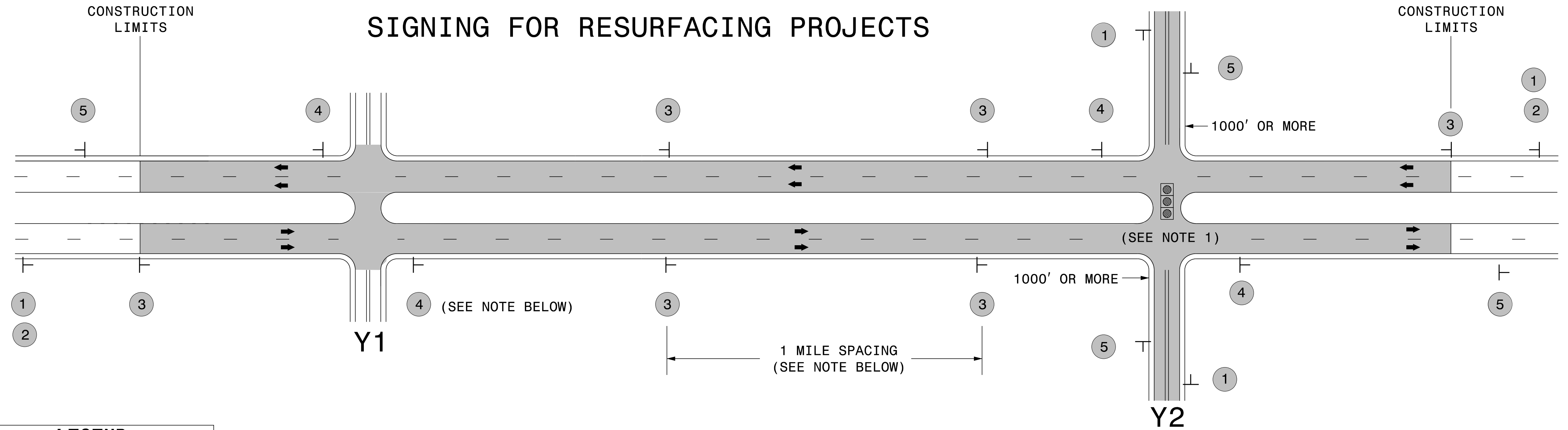


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>	<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> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p>
		<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. 	
		<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. 	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>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.</p>		
<p>MAPS LESS THAN 2 MILES</p>	<p>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.</p>		<p>ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING</p>

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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"	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;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
	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.	

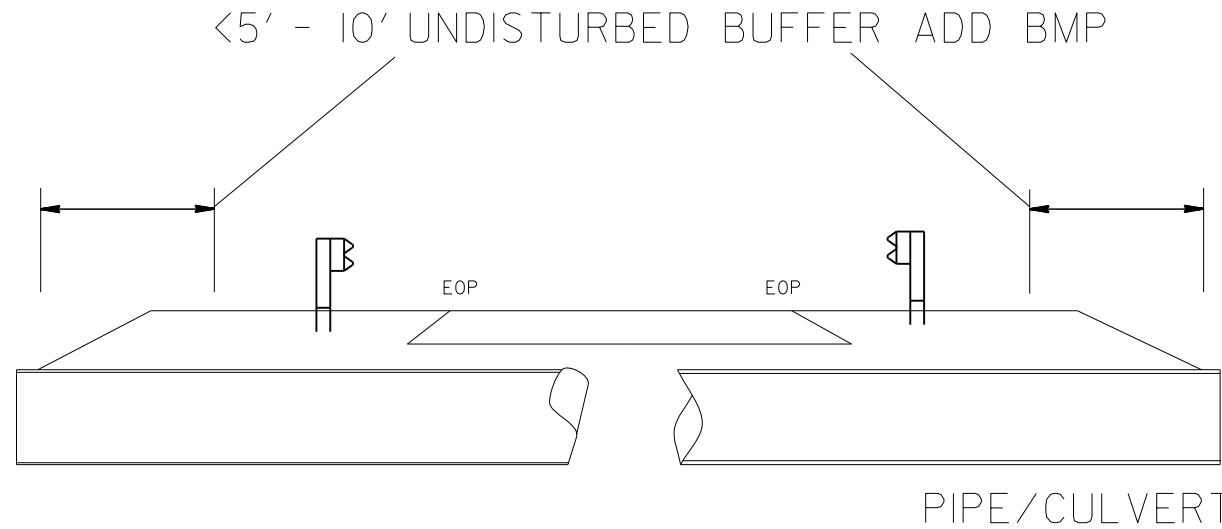
3/23/2015
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 User:rmgarrrett

**RESURFACING
 ADVANCE WARNING SIGNS
 FOR RURAL AND SUBURBAN
 MULTI-LANE ROADWAYS
 W/ SHOULDER SECTIONS**

NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.08.10841.2 - ETC.	14	
F.A. PROJECT NO.			

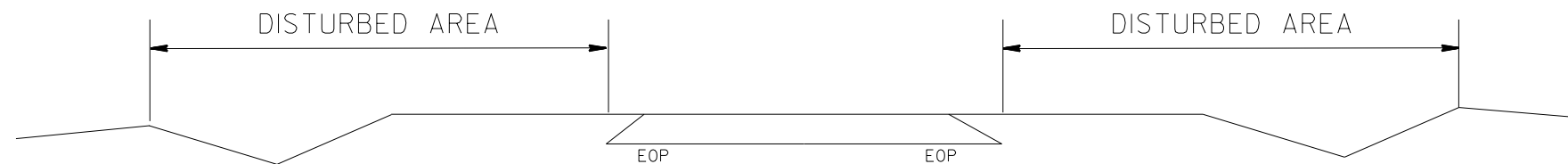


PIPE/CULVERT

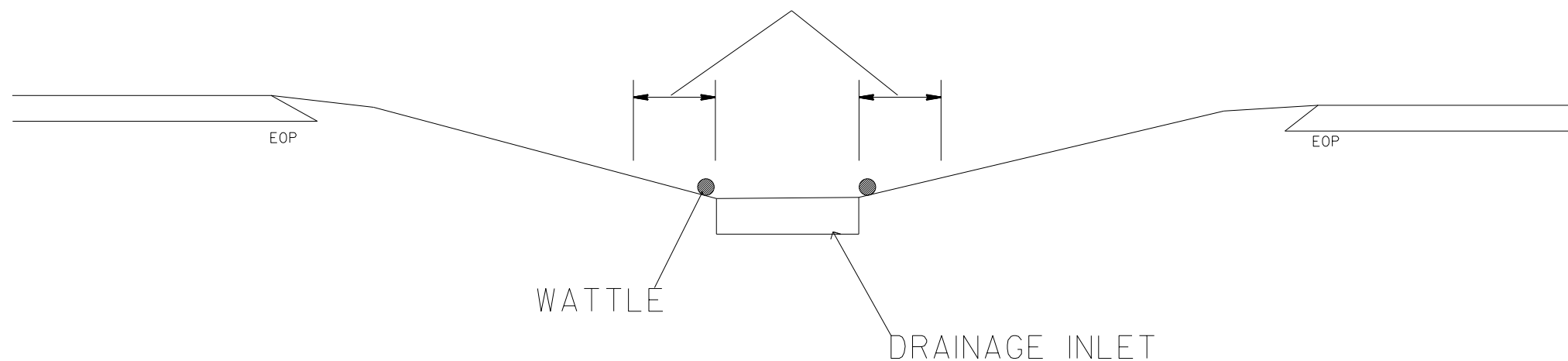
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



USE BMP'S IF SHOULDERS AND/OR FRONTSLOPES AND/OR DITCHLINE AND/OR BACKSLOPES ARE DISTURBED



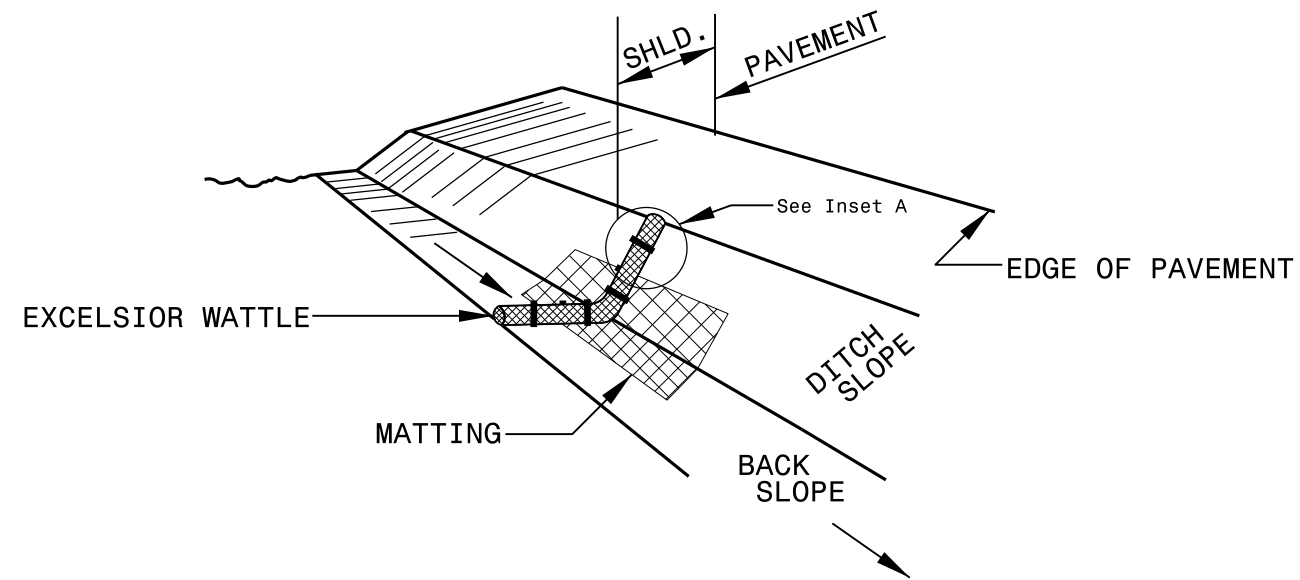
<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



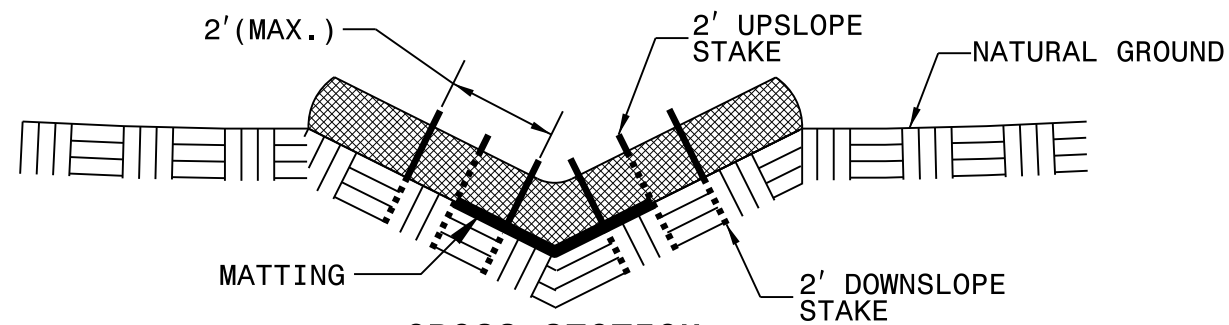
EROSION CONTROL DETAIL

SCALE	-NA-		REVISIONS
DATE	2/18		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

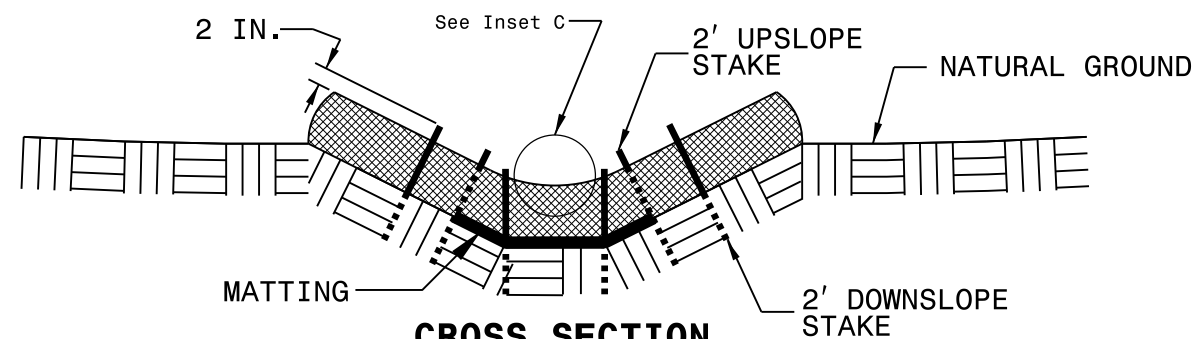
WATTLE WITH POLYACRYLAMIDE DETAIL



ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



**CROSS SECTION
TRAPEZOIDAL DITCH**

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

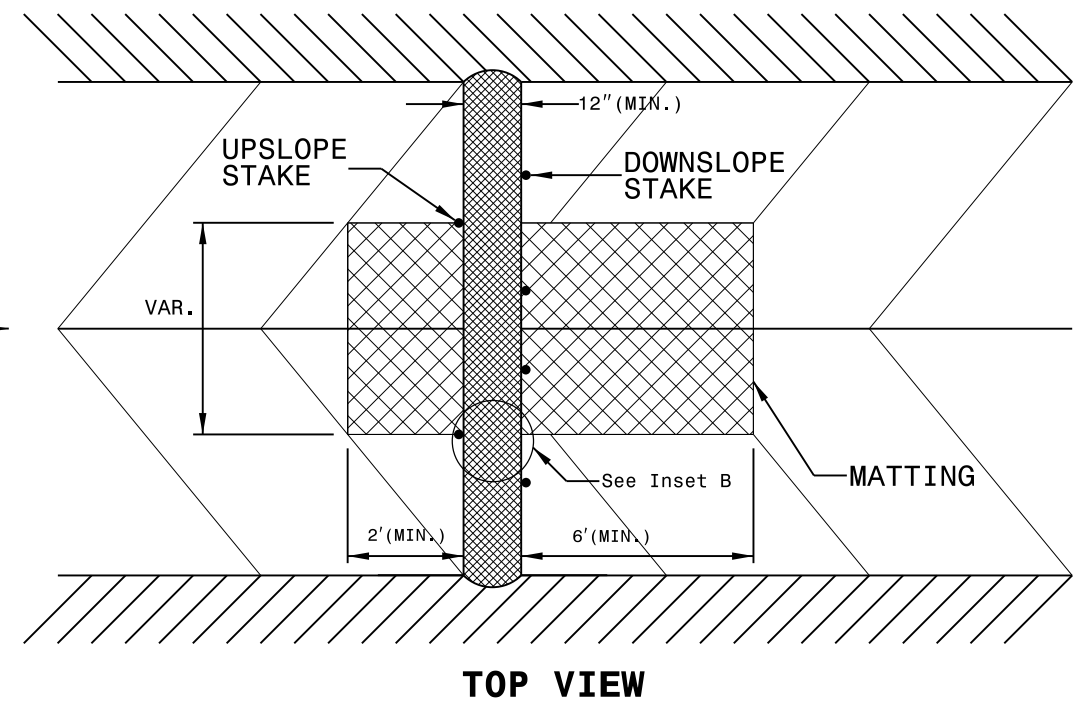
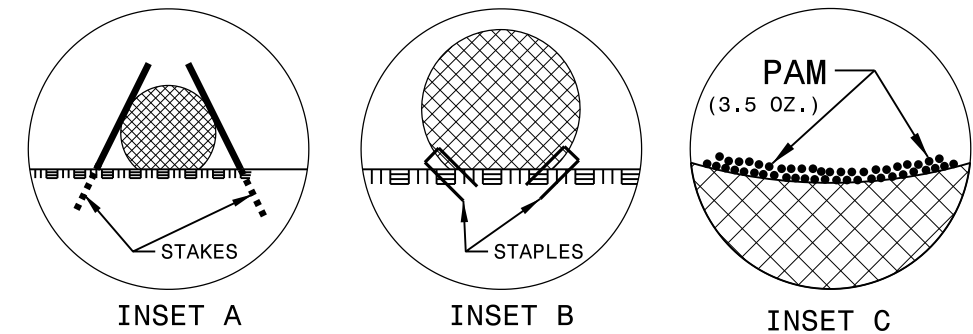
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



TOP VIEW