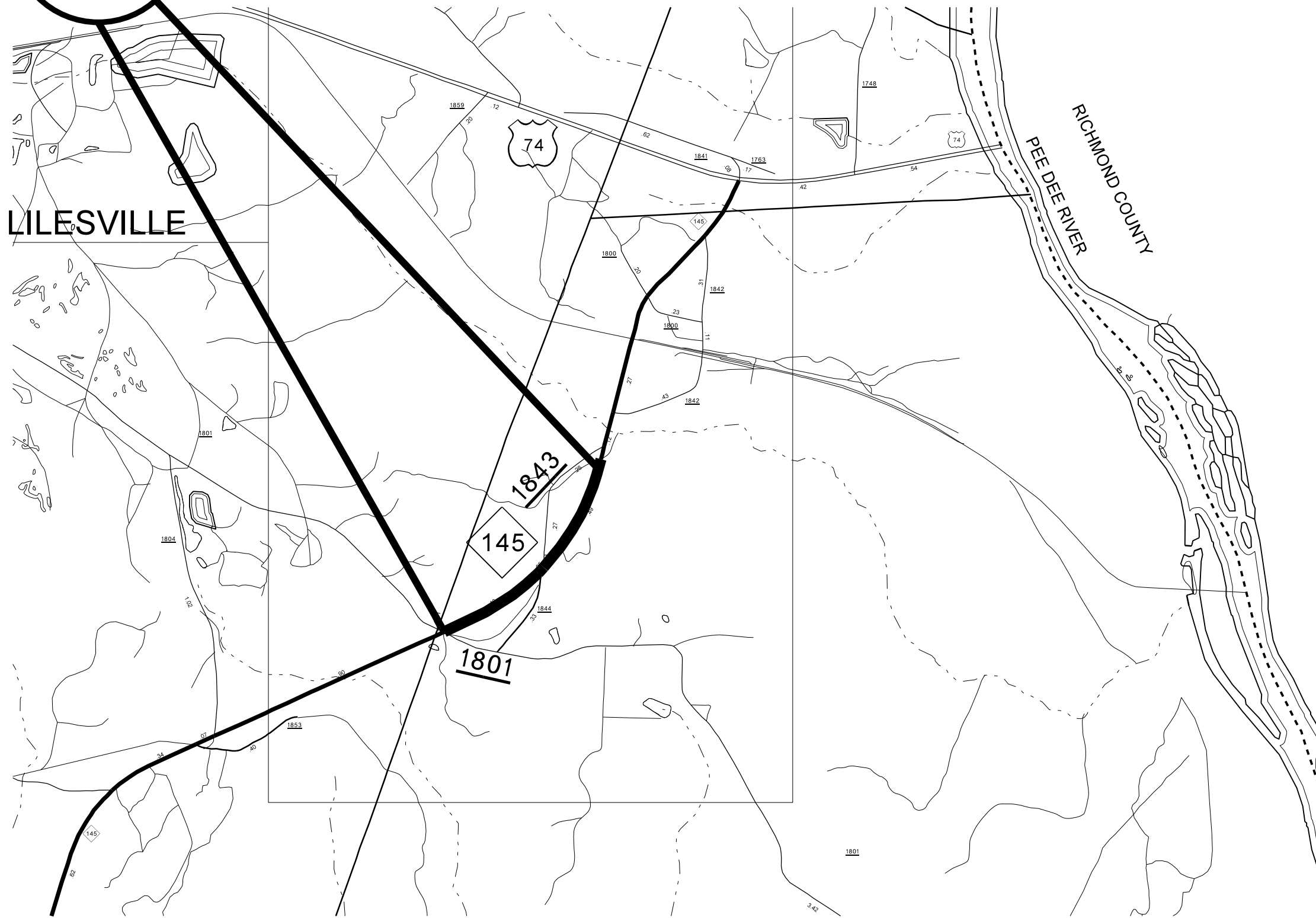


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.1 2018CPT.10.09.20041I - ETC. 2018CPT.10.09.20042.I - ETC.	1	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #1 NC 145
0.82 MILES

**FROM PAVEMENT JOINT AT
SR 1801 PIT ROAD
TO PAVEMENT JOINT APPROX.
0.08 MILES SOUTH OF
SR 1843 THELMA ROBINSON LANE**

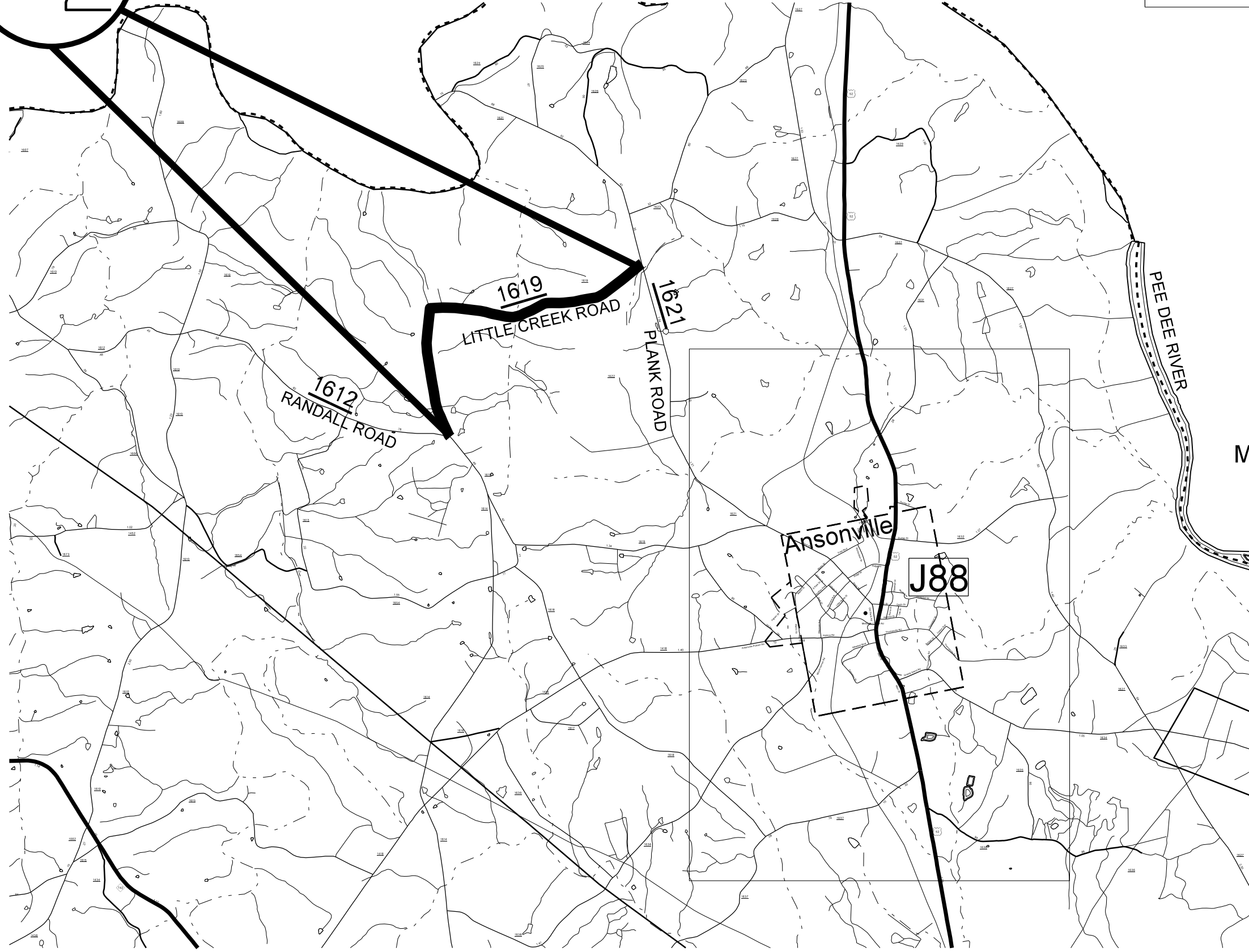
#2

STANLY COUNTY
ROCKY RIVER

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.1 2018CPT.10.09.20041.1 - ETC. 2018CPT.10.09.20042.1 - ETC.	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3



MAP #2 SR 1619 LITTLE CREEK ROAD
2.65 MILES

FROM SR 1621 PLANK ROAD
TO SR 1612 RANDALL ROAD

Ansonville
 J88

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.1004.I 2018CPT.10.09.2004.II - ETC. 2018CPT.10.09.2004.II - ETC.	3	
F.A. PROJECT NO.			

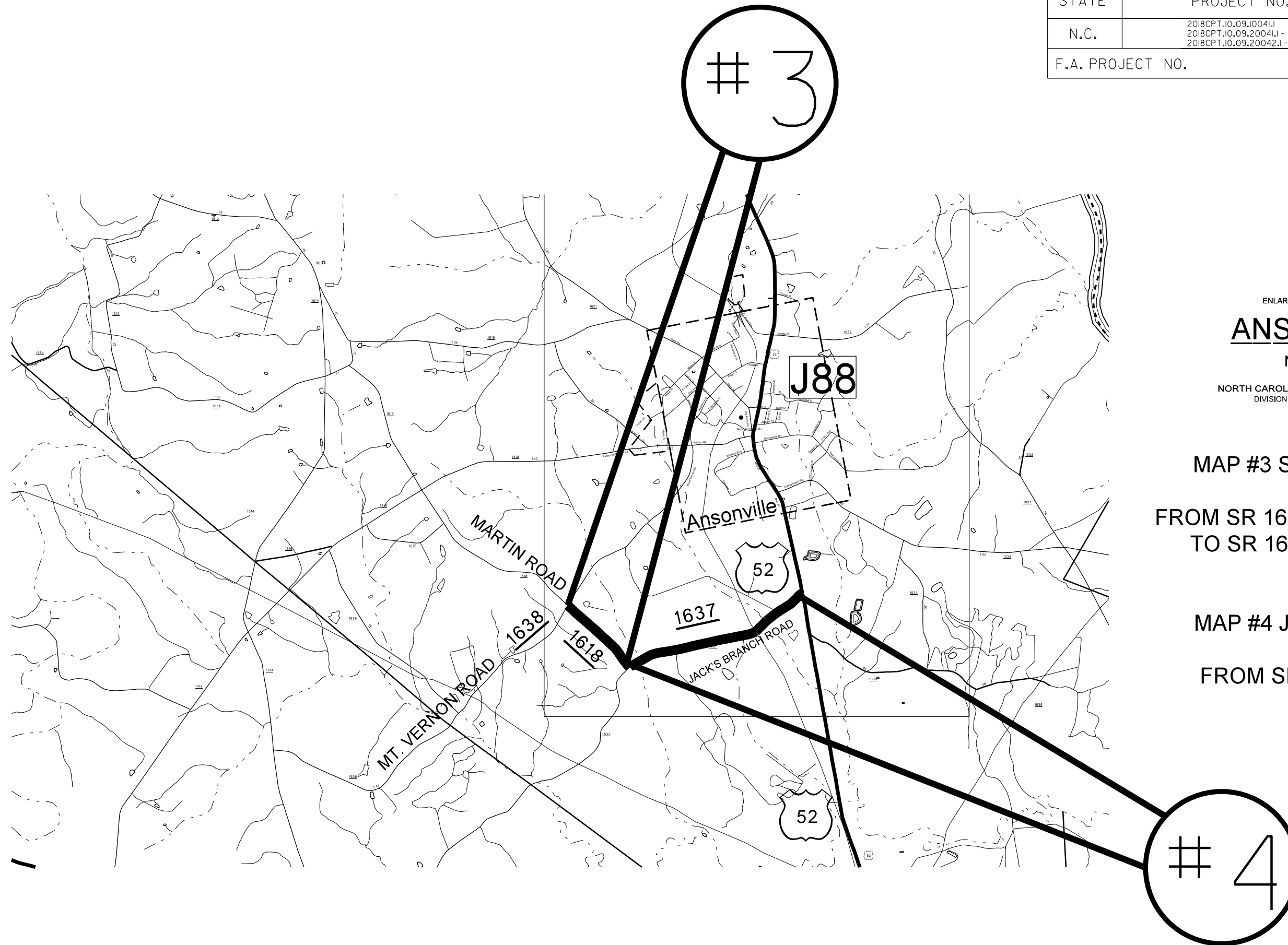


ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA

PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

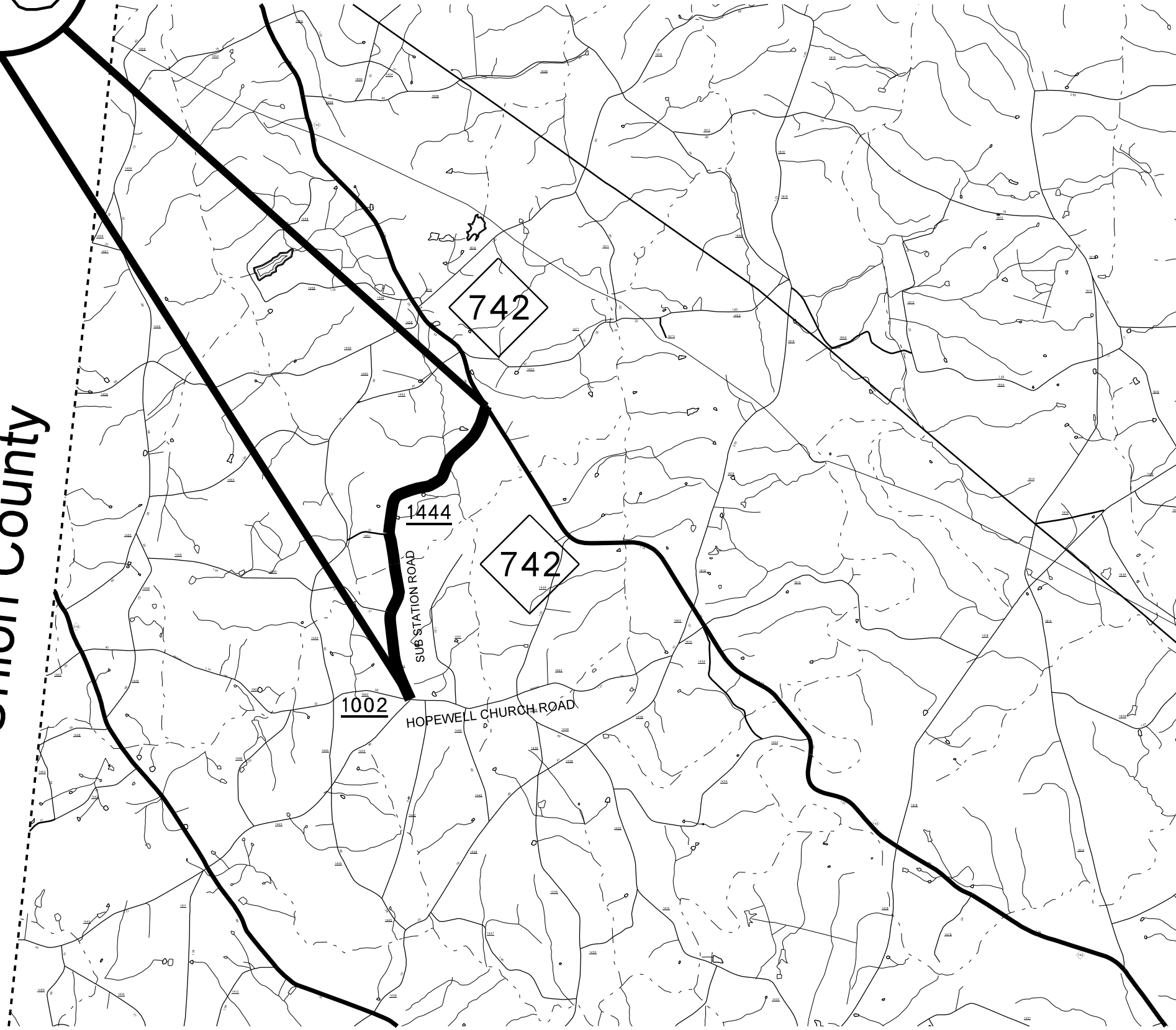
MAP #3 SR 1618 MARTIN ROAD
 0.56 MILES
 FROM SR 1637 JACK'S BRANCH ROAD
 TO SR 1638 MT. VERNON ROAD

MAP #4 JACK'S BRANCH ROAD
 1.24 MILES
 FROM SR 1618 MARTIN ROAD
 TO US 52

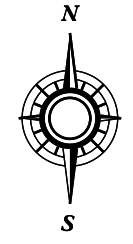


#5

Union County

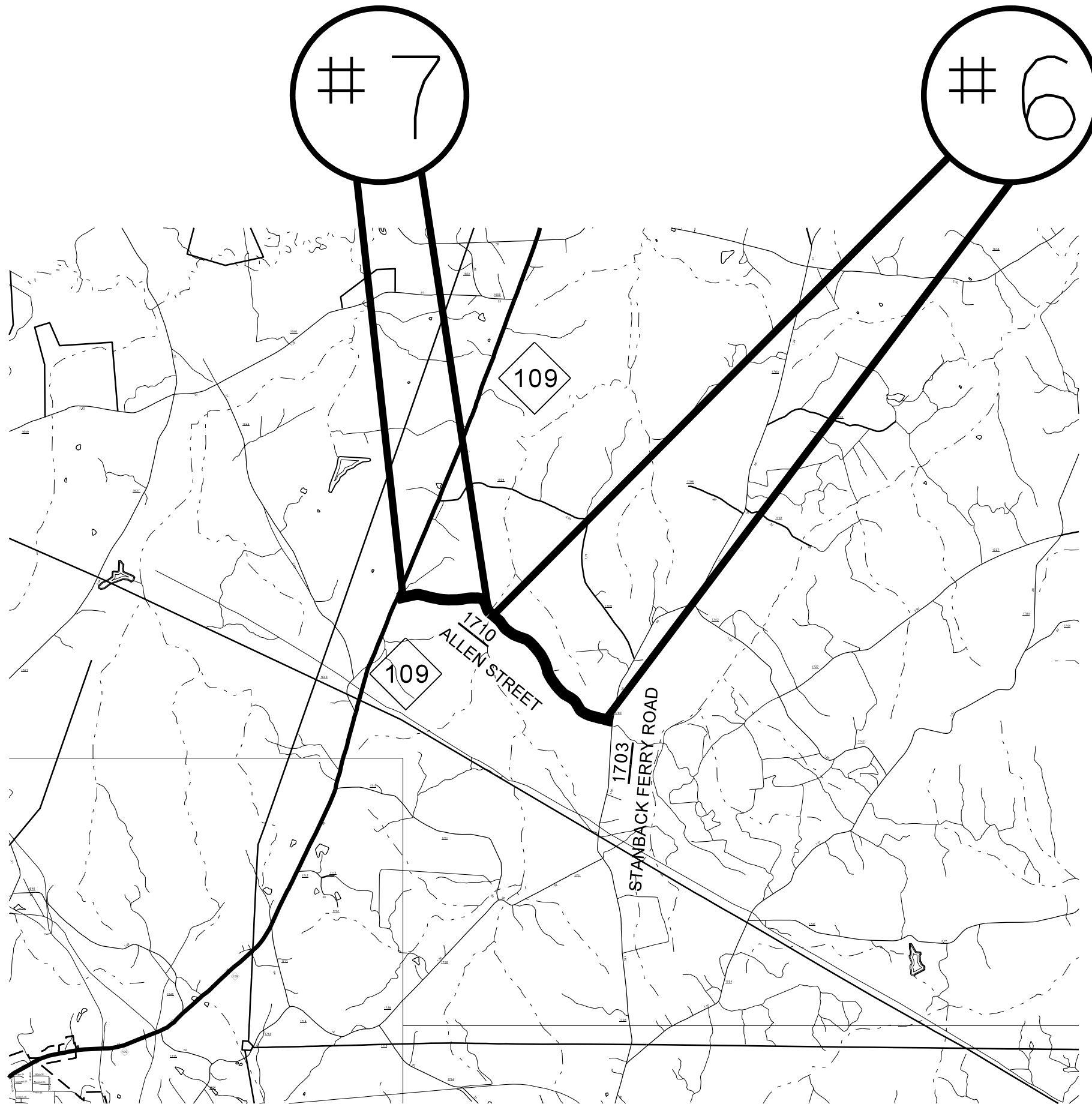


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.J0.09.1004.I 2018CPT.J0.09.2004.I - ETC. 2018CPT.J0.09.20042.I - ETC.	4	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #5 SR 1444 SUB STATION ROAD
 2.5 MILES
 FROM SR 1002 HOPEWELL CHURCH ROAD
 TO NC 742



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.1004.1 2018CPT.10.09.2004.1 - ETC. 2018CPT.10.09.20042.1 - ETC.	5	
F.A. PROJECT NO.			

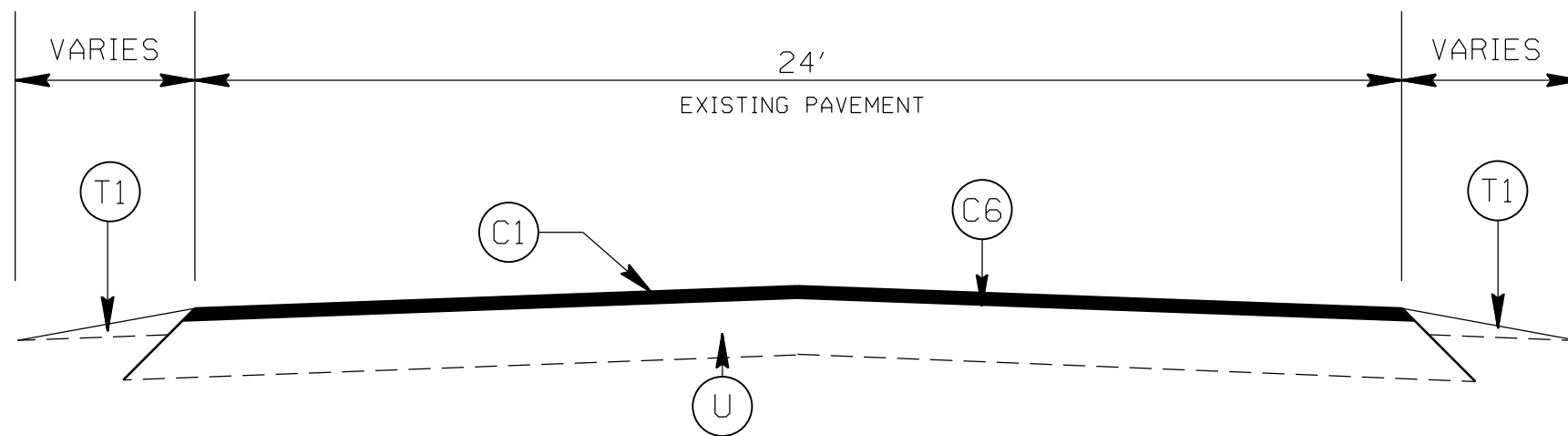


ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

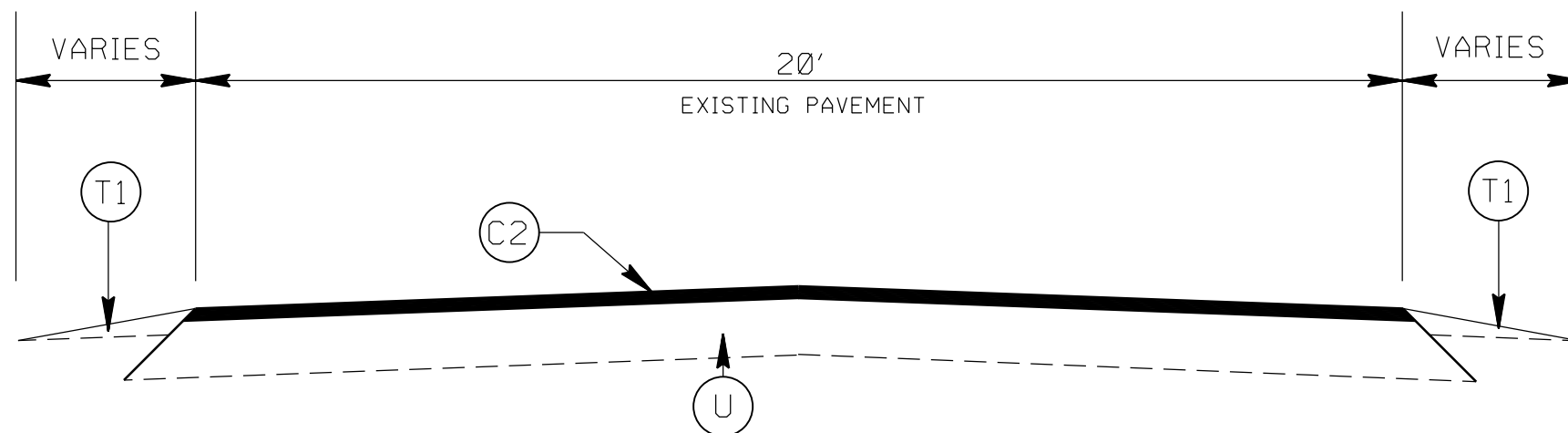
MAP #6 SR 1710 ALLEN STREET
1.3 MILES
FROM BRIDGE TO SR 1703
STANBACK FERRY ROAD

MAP # 7 SR 1710 ALLEN STREET
0.8 MILES
FROM NC109 TO BRIDGE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.I0.09.I004I.I 2018CPT.I0.09.2004I.I - ETC. 2018CPT.I0.09.20042.I - ETC.	6	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1
NC 145 (MAP 1)



TYPICAL SECTION NO. 2
SR 1619 LITTLE CREEK ROAD (MAP 2)

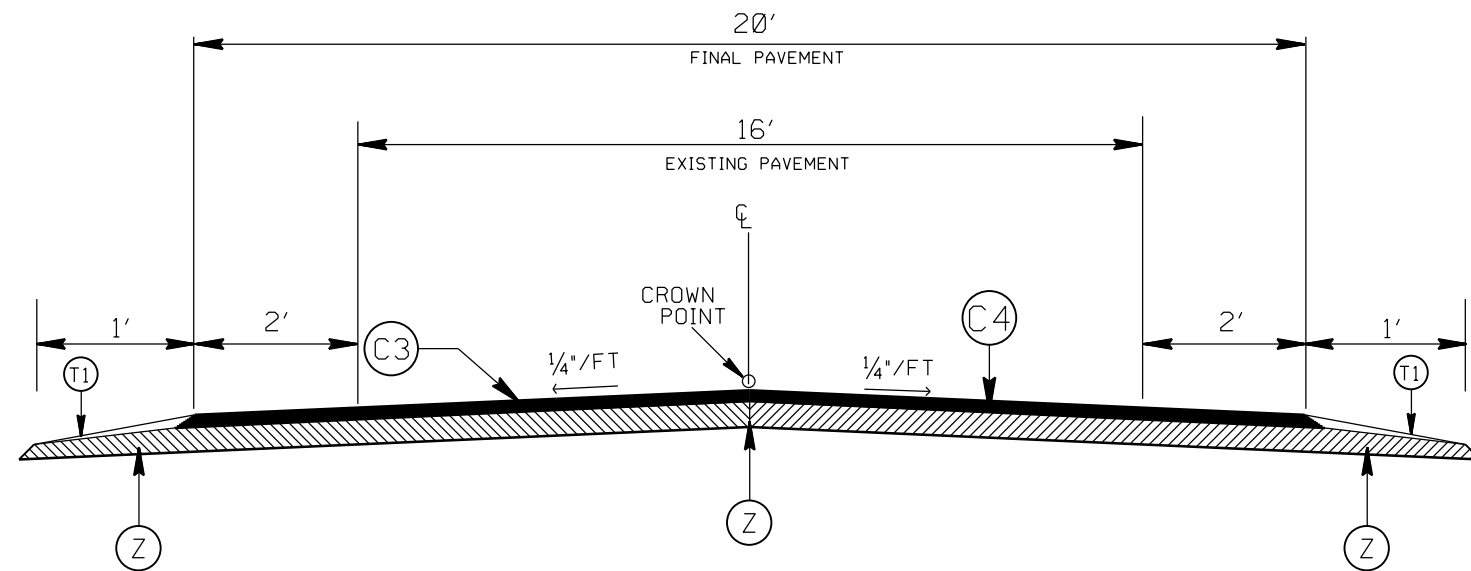
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT
(C6)	ASPHALT SURFACE TREATMENT, MAT COAT, NO. 67 STONE.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

2018-2019
ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	12/17		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.1 2018CPT.10.09.20041.1 - ETC. 2018CPT.10.09.20042.1 - ETC.	7	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 3

SR 1618 MARTIN ROAD (MAP 3)
 SR 1637 JACK'S BRANCH ROAD (MAP 4)
 SR 1444 SUB STATION ROAD (MAP 5)
 * SEE NOTES 1, 4 AND 5

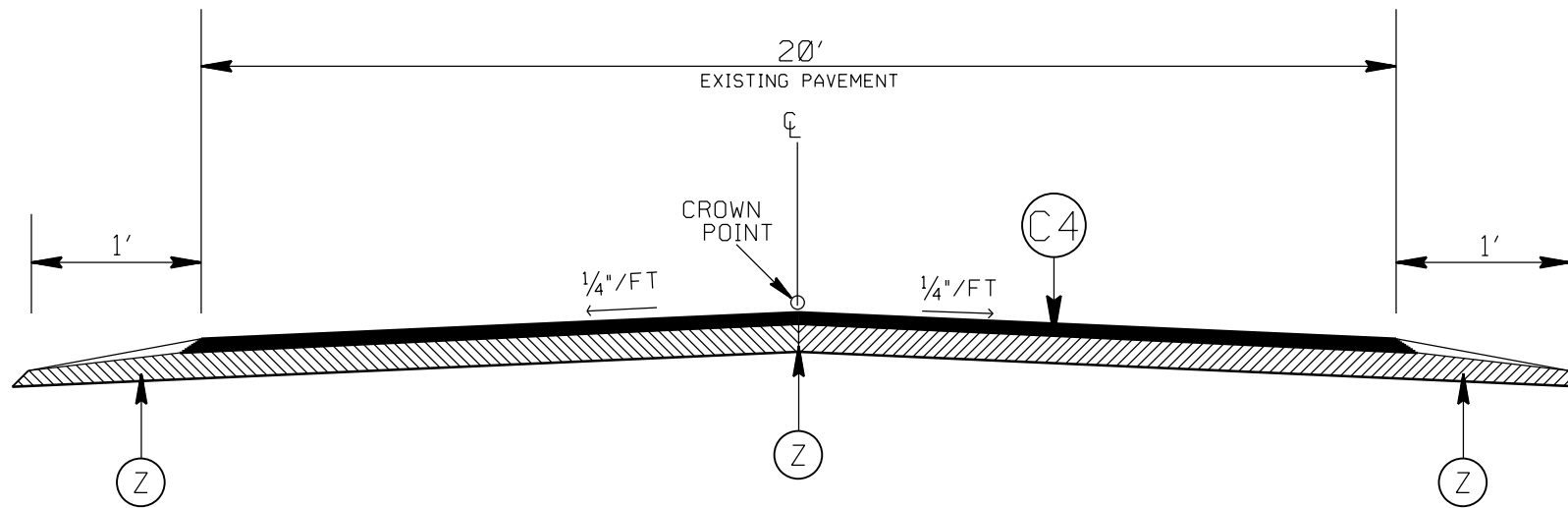
PAVEMENT SCHEDULE

C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT
C6	ASPHALT SURFACE TREATMENT, MAT COAT, NO. 67 STONE.
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
Z	FULL DEPTH RECLAMATION

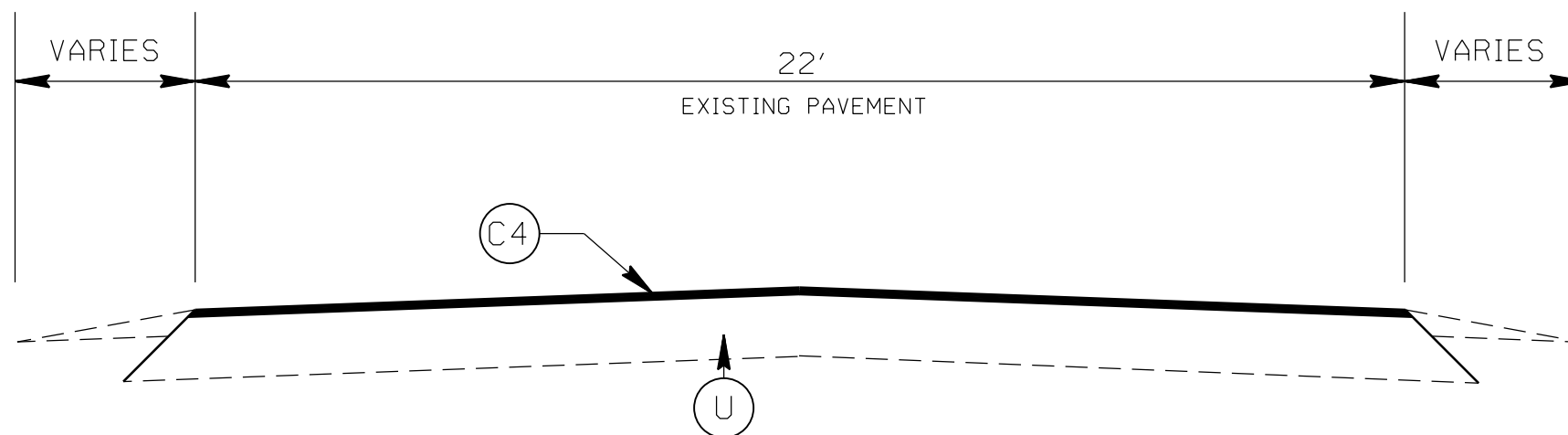
2018-2019
 ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	12/17			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED	CLA			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.1 2018CPT.10.09.20041.1 - ETC. 2018CPT.10.09.20042.1 - ETC.	8	
F.A. PROJECT NO.			




TYPICAL SECTION NO. 4
SR 1710 ALLEN STREET (MAP 6)



TYPICAL SECTION NO. 5
SR 1710 ALLEN STREET (MAP 7)
*SEE NOTE 2

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT
(C6)	ASPHALT SURFACE TREATMENT, MAT COAT, NO. 67 STONE.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

2018-2019 ANSON COUNTY RESURFACING			
SCALE	-NA-		REVISIONS
DATE	12/17		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.1 2018CPT.10.09.20041.1 - ETC. 2018CPT.10.09.20042.1 - ETC.	9	
F.A. PROJECT NO.			

NOTES:

1: ON MAP 4 , SKIP BRIDGE NO.234, MILL AND FILL BRIDGE NO.235 WITH 1" OF S9.5B.
ON MAP 5, OVERLAY BRIDGE WITH 1" S9.5B, DO NOT MILL.

2. ON MAP 7, PLACE AST, TYPE 78M, TRIPLE SEAL OVER BRIDGE.

3: SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER.

4: FULL DEPTH RECLAMATION AND AST SHALL BE COMPLETED ON MAPS 3, 4, AND 5
PRIOR TO THE ASPHALT OVERLAY.

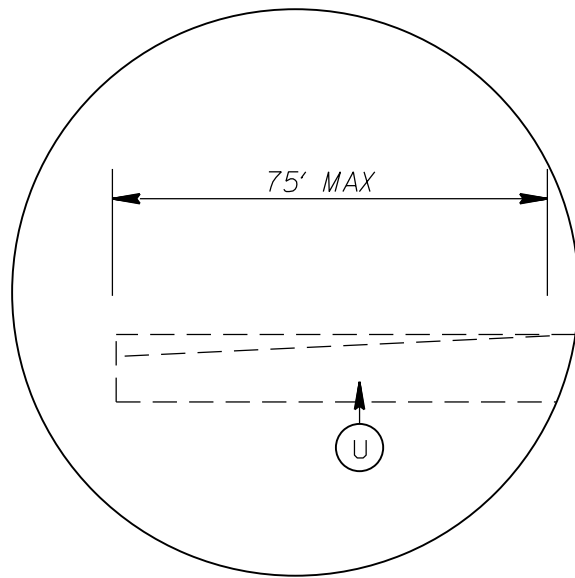
5. WIDENING WITH ABC STONE, ON FULL DEPTH RECLAMATION MAPS TO BE DONE
BY STATE FORCES.

6. LEVELING WILL BE AS DIRECTED BY THE ENGINEER.

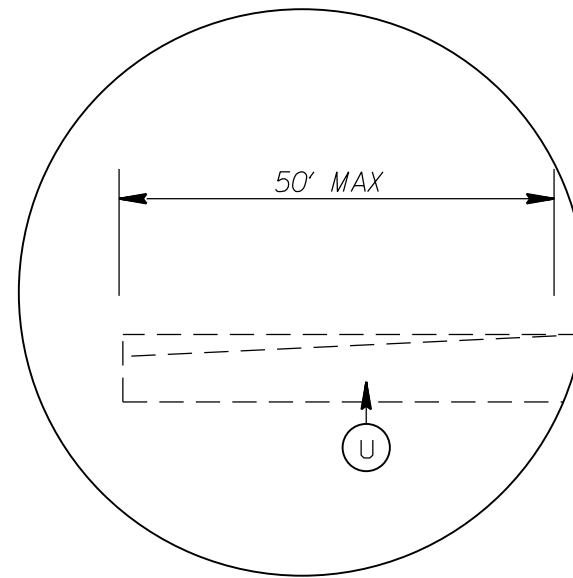
2018-2019
ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	12/17			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED	CLA			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT,10,09,10041,I 2018CPT,10,09,20041,I - ETC. 2018CPT,10,09,20042,I - ETC.	10	
F.A. PROJECT NO.			



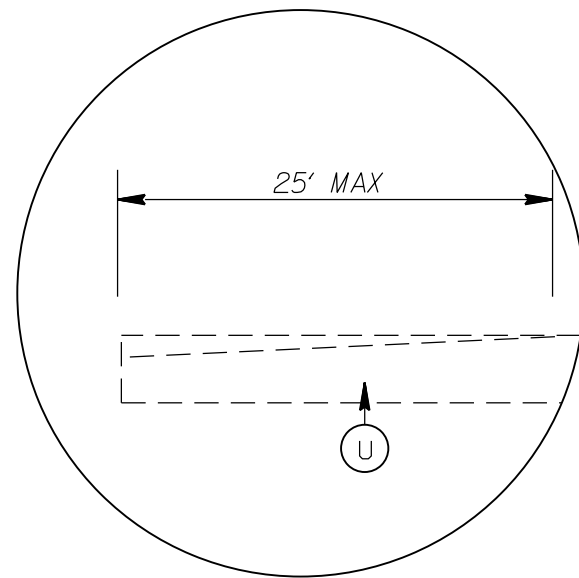
DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")



DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")

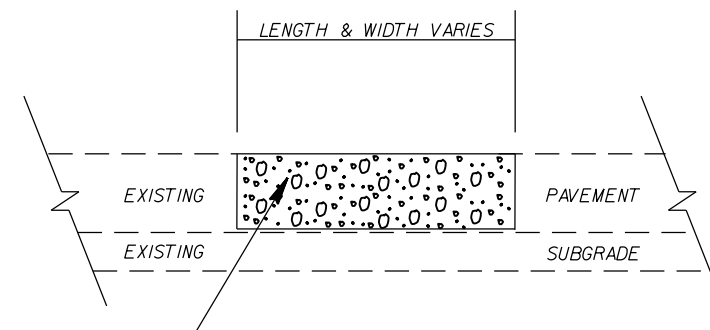
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C4)	PROP. ASPHALT SURFACE TREATMENT
(C6)	ASPHALT SURFACE TREATMENT, MAT COAT, NO. 67 STONE.
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION



DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")

PATCHING DETAIL



RATE IS VARIABLE AND SHALL BE AS DIRECTED BY THE ENGINEER. ASPHALT TYPE 119.0C SHALL BE PLACED.

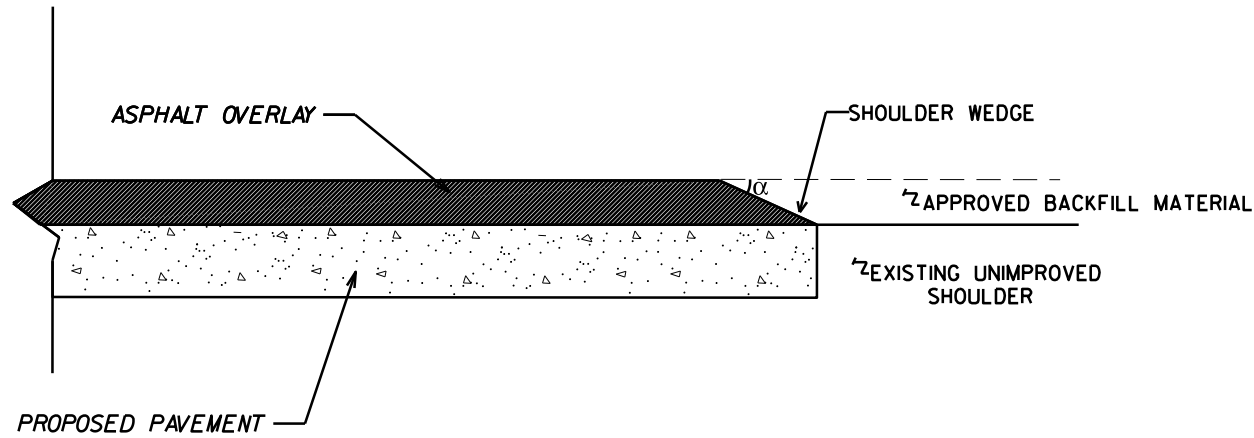
2018-2019
ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	12/17			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED	CLA			

NOTES:

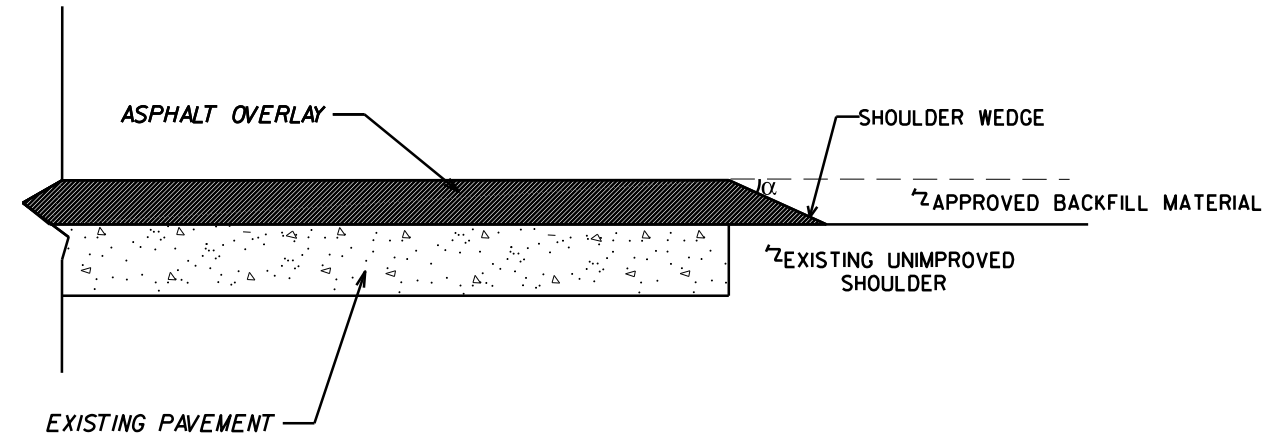
- 1) DETAIL DOES NOT APPLY TO OGAF C AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.1004.1 2018CPT.10.09.2004.1 - ETC. 2018CPT.10.09.2004.2.1 - ETC.	11	
F.A. PROJECT NO.			



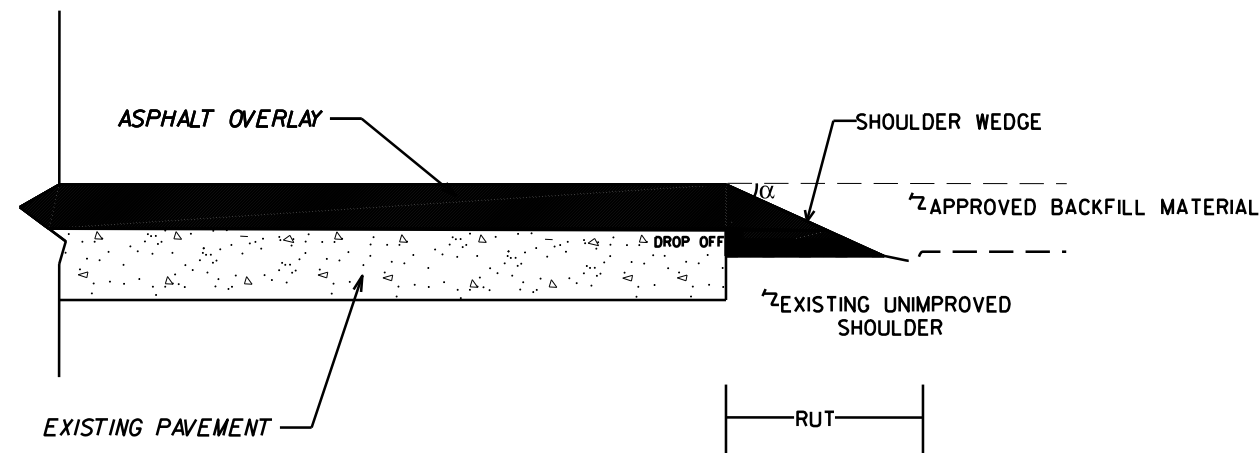
SHOULDER WEDGE DETAIL

(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)

$\alpha = 30$ DEGREES

SHOULDER WEDGE DETAILS			
SCALE	-NA-		REVISIONS
DATE	12/17		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.10.09.10041.1, 2018CPT.10.09.20041.1, ETC.	12	

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	106000000-E	024100000-E	118700000-E	122000000-E	124500000-E	133000000-E	151900000-E	152300000-E	152400000-E	157500000-E	170400000-E	177550000-E	180350000-E	183600000-E	183800000-E	261200000-E	600000000-E	600900000-E	601200000-E	507101000-E	607102000-E									
												BORROW	SOIL CEMENT BASE(FULL DEPTH RECLAMATION)	PORTLAND CEMENT FOR SOIL CEMENT BASE	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTI ON	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, TRIPLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	6" DRIVEWAYS	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	WATTLE	POLYACRYLAMI DE (PAM)									
												MI	FT	CY	SY	TON	TONS	SMI	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
2018CPT.10.09.10041.1	Anson	1	NC 145/ROUTE 30000145	FROM SR 1801 PIT ROAD TO PVMT JT APPROX. 0.08 MILES SOUTH OF SR 1843 THELMA ROBINSON LANE <u>MILEPOST 11.62 TO 12.44</u>	1	2	2WU	NO	NO	0.82	24	166			40	1.60	422		1,458	340	108	328	11,475			4,020	25	123	17	8	123	0									
TOTAL FOR PROJ NO. 2018CPT.10.09.10041.1												0.82		166			40	1.60	422		1,458	340	108	328	11,475			4,020	25	123	17	8	123	0							
2018CPT.10.09.20041.1	Anson	2	SR 1619 LITTLE CREEK RD/ROUTE 40001619	FROM SR 1621 PLANK RD TO SR 1612 RANDALL ROAD <u>MILEPOST 0 TO 2.65</u>	2	2	2WU	NO	NO	2.65	20	405			35	5.30	222		2,869	1,100	238	1,184					395	53	26	395	1										
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.1												2.65		405			35	5.30	222		2,869	1,100	238	1,184				395	53	26	395	1									
2018CPT.10.09.20041.2	Anson	3	SR 1618 MARTIN RD/ROUTE 40001618	FROM SR 1637 JACK BRANCH ROAD TO SR 1638 MT. VERNON ROAD <u>MILEPOST 0 TO 0.56</u>	3	2	2WU	NO	NO	0.56	20	60			15	1.10	111	397			27						168	17	9	168	0										
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.2												0.56		60			15	1.10	111	397			27						168	17	9	168	0								
2018CPT.10.09.20041.3	Anson	4	SR 1637 JACK'S BRANCH RD/ROUTE 40001637	FROM SR 1618 MARTIN ROAD TO US 52 <u>MILEPOST 3.24 TO 4.48</u>	3	2	2WU	NO	NO	1.24	20	101			80	2.50	250	881			59					50	372	37	19	186	1										
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.3												1.24		101			80	2.50	250	881			59						50	372	37	19	186	1							
2018CPT.10.09.20041.4	Anson	5	SR 1444 SUB STATION RD/ROUTE 40001444	FROM SR 1002 HOPEWELL CHURCH ROAD TO NC 742 <u>MILEPOST 0 TO 2.5</u>	3	2	2WU	NO	NO	2.5	20	255			160	5.00	129	1,823			122					50	750	75	38	750	2										
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.4												2.5		255			160	5.00	129	1,823			122							50	750	75	38	750	2						
2018CPT.10.09.20042.1	Anson	3	SR 1618 MARTIN RD/ROUTE 40001618	FROM SR 1637 JACK BRANCH ROAD TO SR 1638 MT. VERNON ROAD <u>MILEPOST 0 TO 0.56</u>	3	2	2WU	NO	NO	0.56	20		7,224.00	275.00										6,567		3,615															
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.1												0.56			7,224.00	275.00							6,567		3,615																
2018CPT.10.09.20042.2	Anson	4	SR 1637 JACKS BRANCH RD/ROUTE 40001637	FROM SR 1618 MARTIN ROAD TO US 52 <u>MILEPOST 3.24 TO 4.48</u>	3	2	2WU	NO	NO	1.24	20		16,012.00	593.00										14,556		8,010															
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.2												1.24			16,012.00	593.00							14,556		8,010																
2018CPT.10.09.20042.3	Anson	5	SR 1444 SUB STATION RD/ROUTE40001444	FROM SR 1002 HOPEWELL CHURCH ROAD TO NC 742 <u>MILEPOST 0 TO 2.5</u>	3	2	2WU	NO	NO	2.5	20		32,341.00	987.00										29,400		16,170															
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.3												2.5			32,341.00	987.00							29,400		16,170																
2018CPT.10.09.20042.4	Anson	6	SR 1710 ALLEN ST/ROUTE 40001710	FROM BRIDGE TO SR 1703 STANBACK FERRY ROAD <u>MILEPOST 0.8 TO 2.1</u>	4	2	2WU	NO	NO	1.3	20		16,649.00	392.00	40										15,136	12,865	50	390	39	20	390	1									
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.4												1.3			16,649.00	392.00	40																15,136	12,865	50	390	39	20	390	1	
2018CPT.10.09.20042.5	Anson	7	SR 1710 ALLEN ST/ROUTE 40001710	FROM NC 109 TO BRIDGE <u>MILEPOST 0 TO 0.8</u>	5	2	2WU	NO	NO	0.8	22											65		9,839	8,365																
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.5												0.8											65		9,839	8,365															
GRAND TOTAL												9.9		987	72,226.00	2,247.00	370	15.5	1,134	3,101	4,327	1,440	554	1,577	11,475	50,523	24,975	53,045	175	2,198	238	120	2,012	5							

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.10.09.10041.1, 2018CPT.10.09.20041.1, ETC.	13	




THERMOPLASTIC AND PAINT QUANTITIES

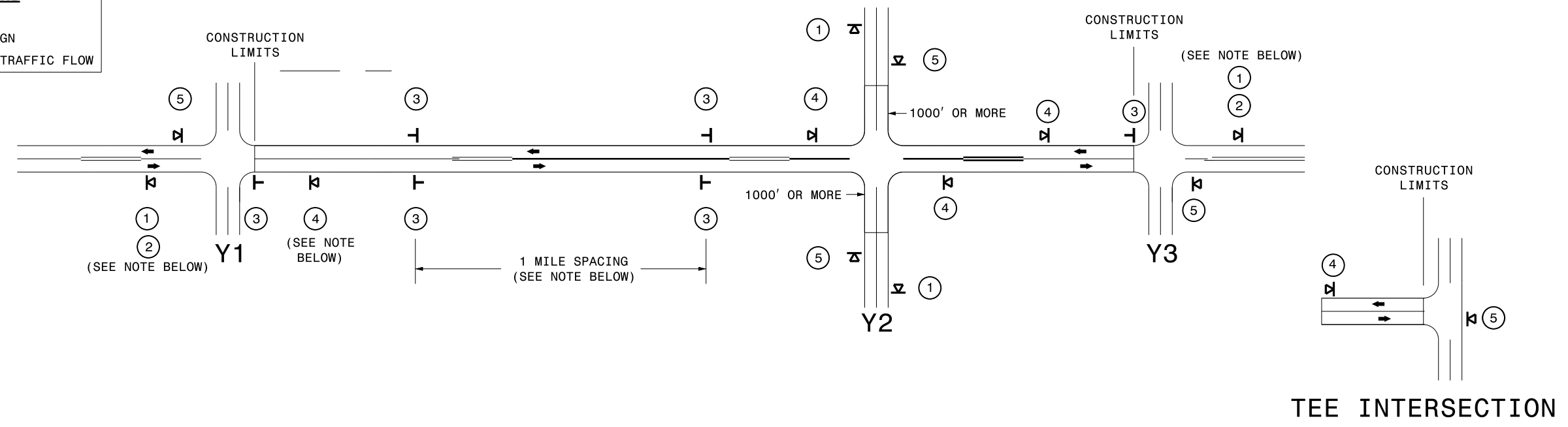
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	4413000000-E		4457000000-N	4810000000-E		4830000000-E	4835000000-E	4840000000-N	4905000000-N		
								LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" WHITE PAINT	4" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG RXR	SNOW PLOWABLE MARKERS	
																		MI
2018CPT.10.09.10041.1	Anson	1	NC 145/ROUTE 30000145	FROM SR 1801 PIT ROAD TO PVMT JT APPROX. 0.08 MILES SOUTH OF SR 1843 THELMA ROBINSON LANE <u>MILEPOST 11.62 TO 12.44</u>	1	2	2WU	0.82	24		1.00	8,606	8,606			54		
TOTAL FOR PROJ NO. 2018CPT.10.09.10041.1								0.82		1.00	8,606	8,606				54		
											17,212							
2018CPT.10.09.20041.1	Anson	2	SR 1619 LITTLE CREEK RD/ROUTE 40001619	FROM SR 1621 PLANK RD TO SR 1612 RANDALL ROAD <u>MILEPOST 0 TO 2.65</u>	2	2	2WU	2.65	20	287.3	*	27,944	26,075					
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.1								2.65		287.3		27,944	26,075					
											54,019							
2018CPT.10.09.20041.2	Anson	3	SR 1618 MARTIN RD/ROUTE 40001618	FROM SR 1637 JACK BRANCH ROAD TO SR 1638 MT. VERNON ROAD <u>MILEPOST 0 TO 0.56</u>	3	2	2WU	0.56	20	80.0	*	17,730	13,512					
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.2								0.56		80.0		17,730	13,512					
											31,242							
2018CPT.10.09.20041.3	Anson	4	SR 1637 JACK'S BRANCH RD/ROUTE 40001637	FROM SR 1618 MARTIN ROAD TO US 52 <u>MILEPOST 3.24 TO 4.48</u>	3	2	2WU	1.24	20	80.0	*	39,300	35,652	100	16	4		
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.3								1.24		80.0		39,300	35,652	100	16	4		
											74,952							
2018CPT.10.09.20041.4	Anson	5	SR 1444 SUB STATION RD/ROUTE 40001444	FROM SR 1002 HOPEWELL CHURCH ROAD TO NC 742 <u>MILEPOST 0 TO 2.5</u>	3	2	2WU	2.5	20	367.3	*	79,380	72,444					
TOTAL FOR PROJ NO. 2018CPT.10.09.20041.4								2.5		367.3		79,380	72,444					
											151,824							
2018CPT.10.09.20042.1	Anson	3	SR 1618 MARTIN RD/ROUTE 40001618	FROM SR 1637 JACK BRANCH ROAD TO SR 1638 MT. VERNON ROAD <u>MILEPOST 0 TO 0.56</u>	3	2	2WU	0.56	20									
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.1								0.56										
2018CPT.10.09.20042.2	Anson	4	SR 1637 JACKS BRANCH RD/ROUTE 40001637	FROM SR 1618 MARTIN ROAD TO US 52 <u>MILEPOST 3.24 TO 4.48</u>	3	2	2WU	1.24	20									
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.2								1.24										
2018CPT.10.09.20042.3	Anson	5	SR 1444 SUB STATION RD/ROUTE 40001444	FROM SR 1002 HOPEWELL CHURCH ROAD TO NC 742 <u>MILEPOST 0 TO 2.5</u>	3	2	2WU	2.5	20									
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.3								2.5										
2018CPT.10.09.20042.4	Anson	6	SR 1710 ALLEN ST/ROUTE 40001710	FROM BRIDGE TO SR 1703 STANBACK FERRY ROAD <u>MILEPOST 0.8 TO 2.1</u>	4	2	2WU	1.3	20	40.0	*	13,622	13,622					
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.4								1.3		40.0		13,622	13,622					
											27,244							
2018CPT.10.09.20042.5	Anson	7	SR 1710 ALLEN ST/ROUTE 40001710	FROM NC 109 TO BRIDGE <u>MILEPOST 0 TO 0.8</u>	5	2	2WU	0.8	22	40.0	*	8,050	8,050					
TOTAL FOR PROJ NO. 2018CPT.10.09.20042.5								0.8		40		8,050	8,050					
											16,100							
GRAND TOTAL										9.9		895	1	194,632	177,961	100	16	4
											372,593							

Notes: The Contractor shall install Temporary Paint Pavement Markings in accordance with Section 1205-8(C) of the 2018 Standard Specifications.

SIGNING FOR ASPHALT SURFACE TREATMENT








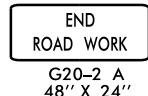
LEGEND

-  PORTABLE SIGN
-  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>STATIONARY SIGNING NOT REQUIRED 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	 NEXT XX MILES W7-3qP 24" X 18"	- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.	
	③	 W8-7 48" X 48"	- ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.	
		 UNMARKED PAVEMENT SP 48" X 48"	- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	④	 ROAD UNDER CONST 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	 END ROAD WORK G20-2 A 48" X 24"	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 AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

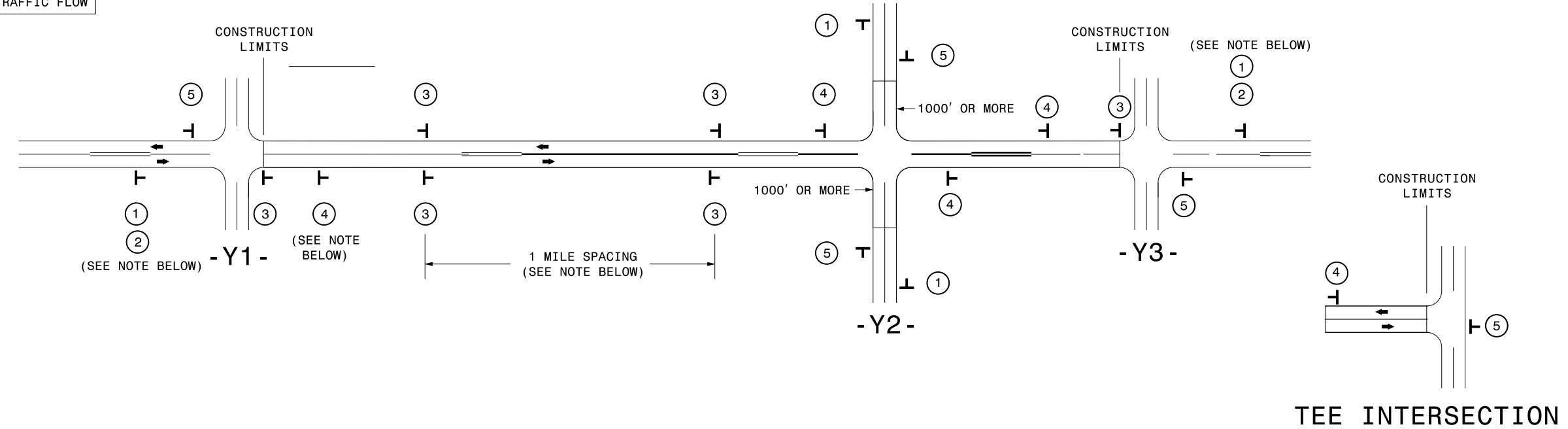


ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

20-JAN-2018 11:16 C:\Users\gouJten\Documents\My Documents\CONTRACTS\Resurfacing-Raleigh Let Contract\2018-2019\Anson\Contract #1\Resurfacing Typicals\ANSON 2018-2019.dgn AT: D:\10-301887







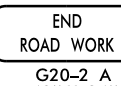
SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW



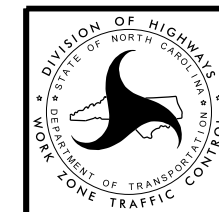
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 ①  ②	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #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)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS 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. <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>
	 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.



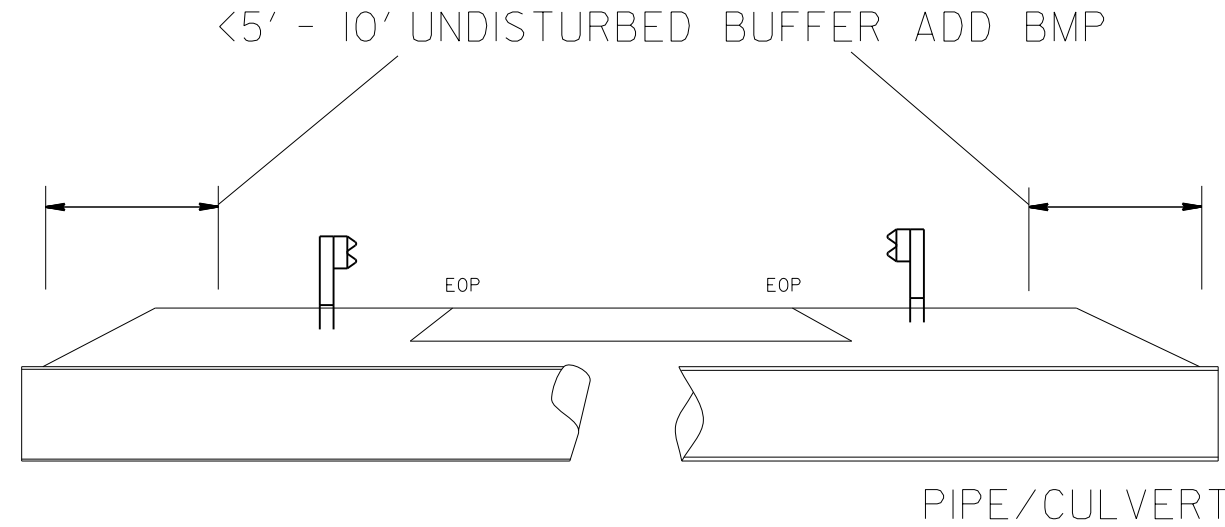
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

20-JAN-2018 11:14 C:\Users\jocouten\Documents\CONTRACTS\Resurfacing_Raleigh Let Contract\2018-2019\Anson\Contract #1\Resurfacing Typicals\ANSON 2018-2019.dgn AT: DIVID-501857

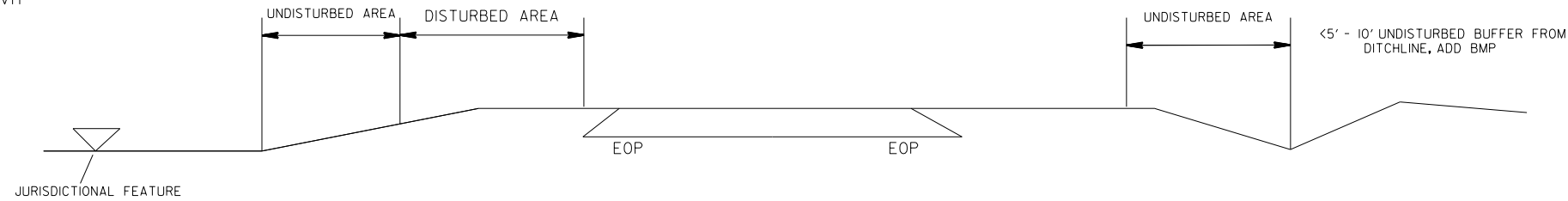
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

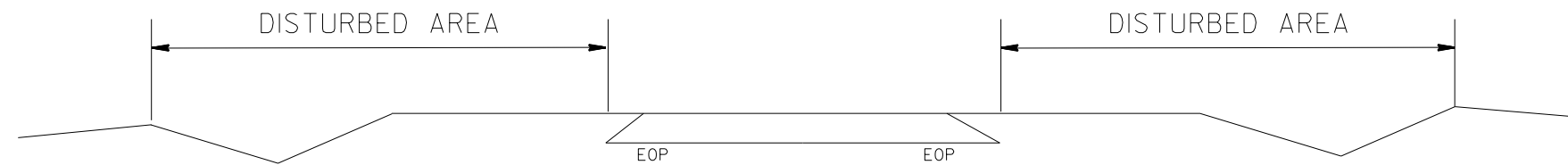
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.09.10041.I 2018CPT.10.09.20041.I - ETC. 2018CPT.10.09.20042.I - ETC.	16	
F.A. PROJECT NO.			



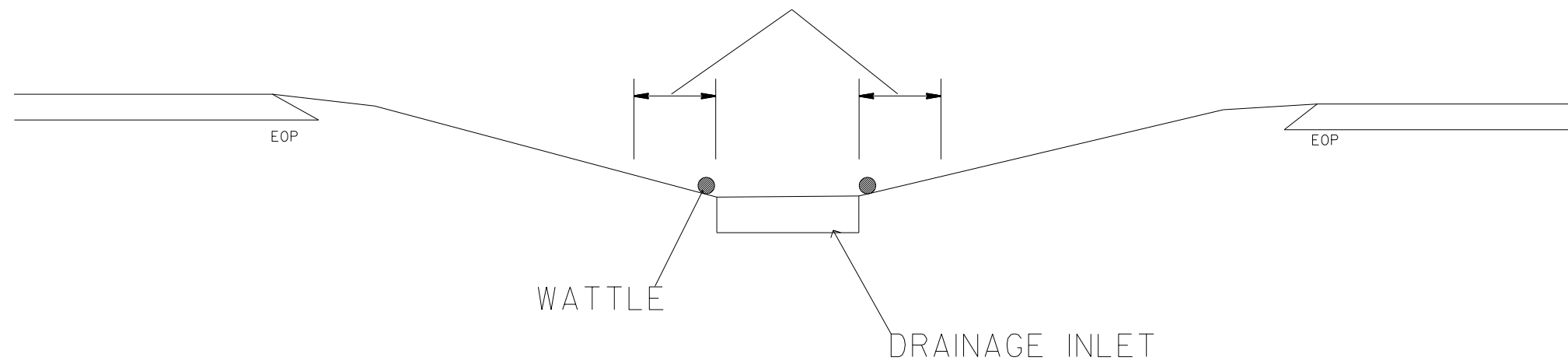
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



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



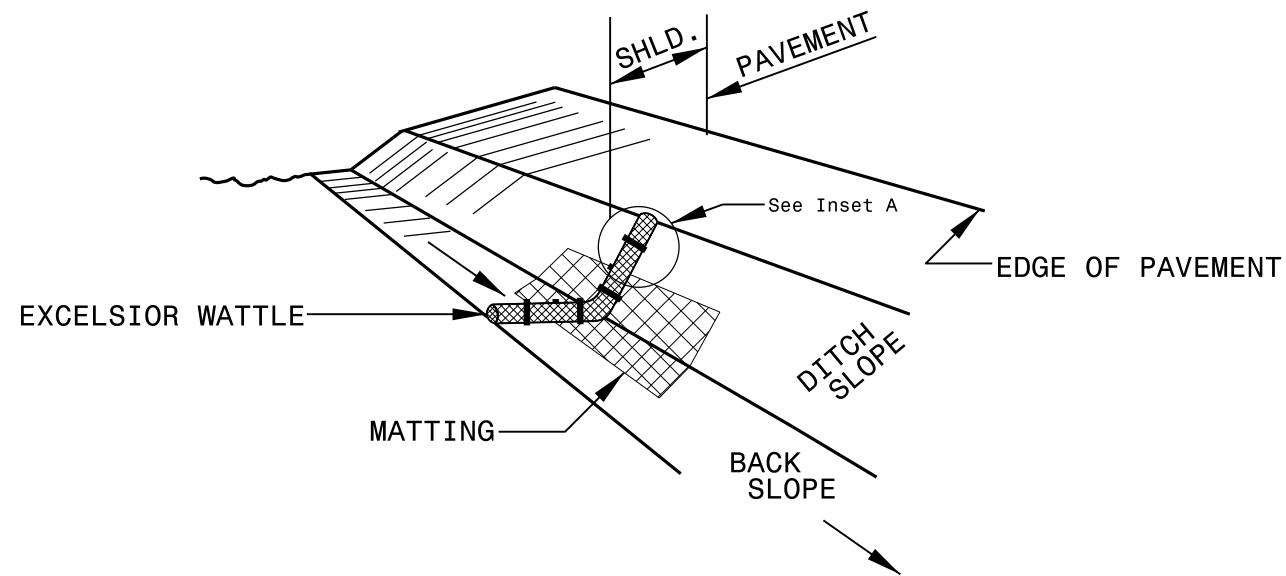
<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



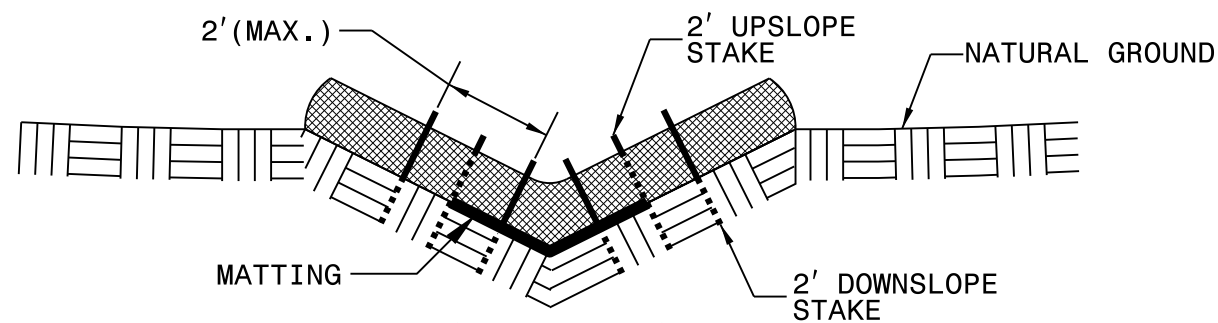
EROSION CONTROL DETAIL

SCALE	-NA-		REVISIONS
DATE	12/17		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

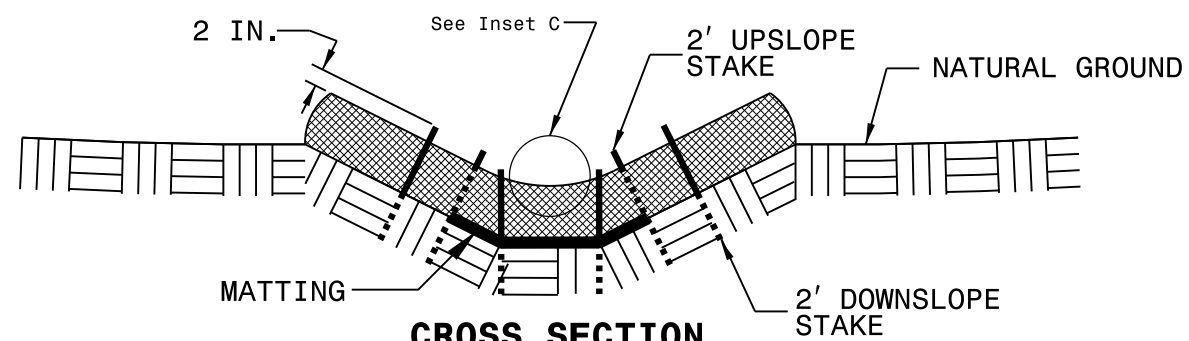
WATTLE WITH POLYACRYLAMIDE DETAIL



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.

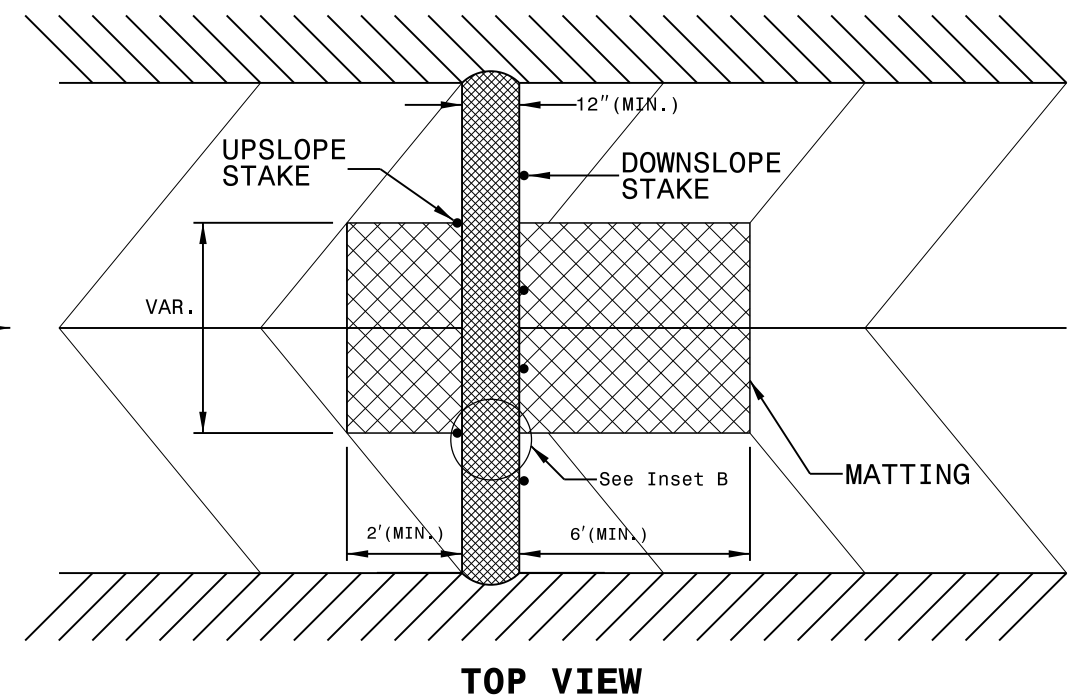
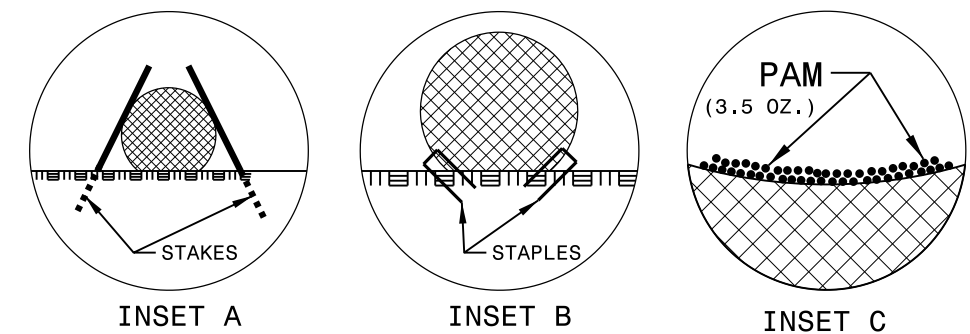
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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