

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10041.49 - 10CR.10041.51 10CR.20041.45 - 10CR.20041.46 10CR.20041.40	1	
F.A. PROJECT NO.			



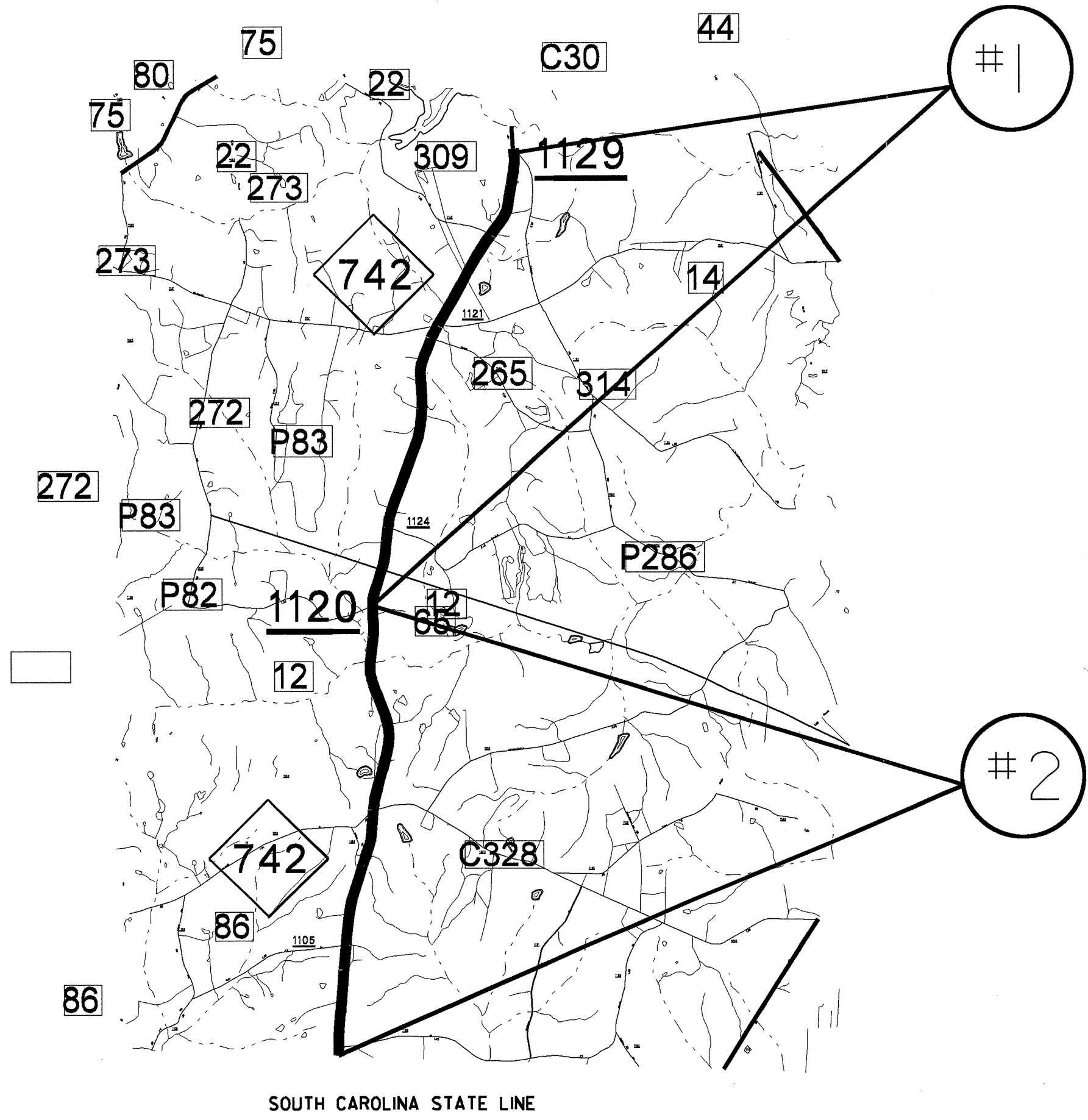
ENLARGED MUNICIPAL AND SUBURBAN AREAS  
**ANSON COUNTY**  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #1 NC 742 SOUTH 4.1 MILES

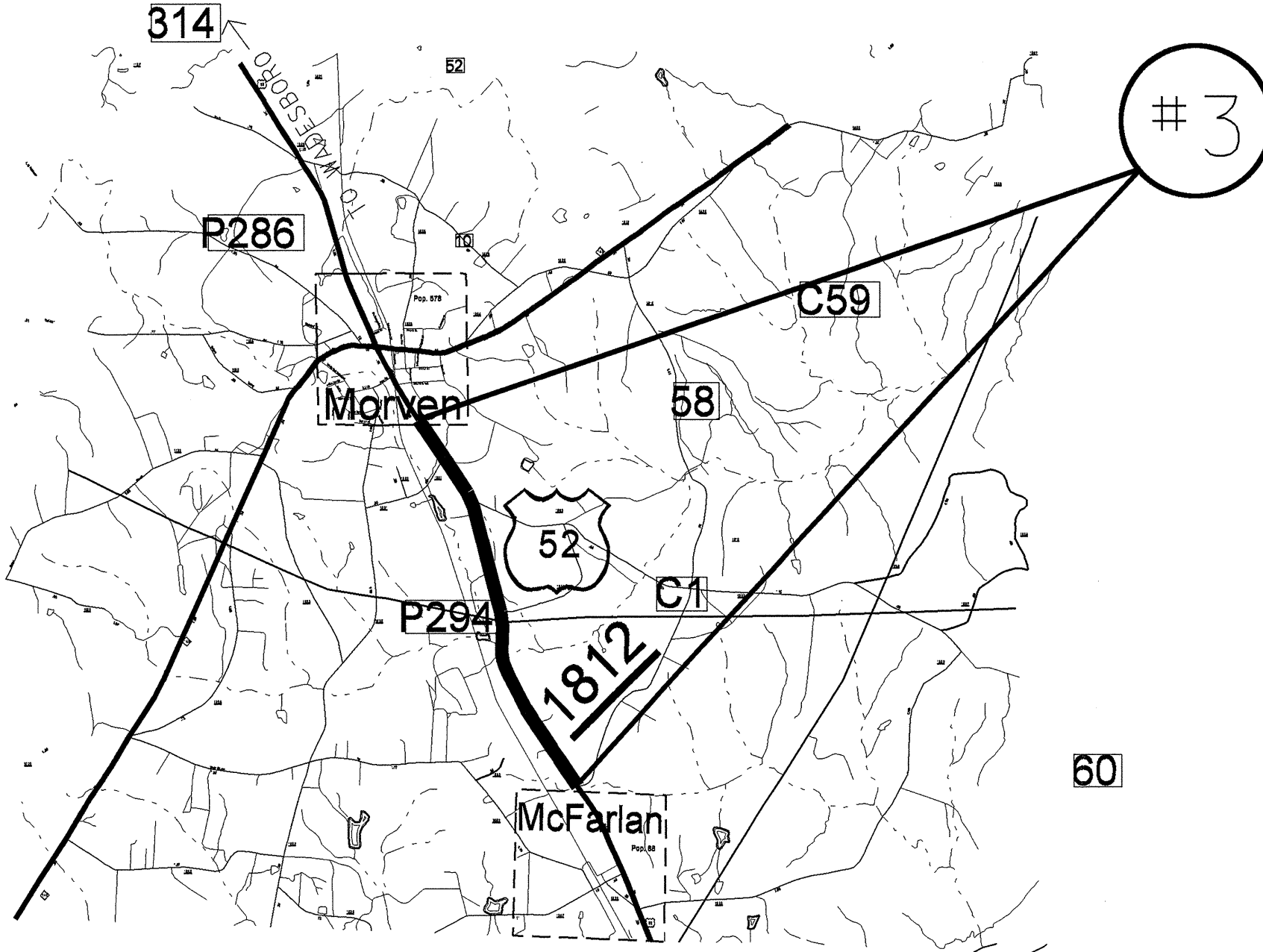
FROM PAVEMENT JOINT SOUTH OF SR 1129  
 (ROBINSON BRIDGE RD)  
 TO SR 1120 (GULLEDGE RD)

MAP # 2 NC 742 SOUTH 3.7 MILES

FROM SR 1120 (GULLEDGE RD) TO  
 SOUTH CAROLINA STATE LINE



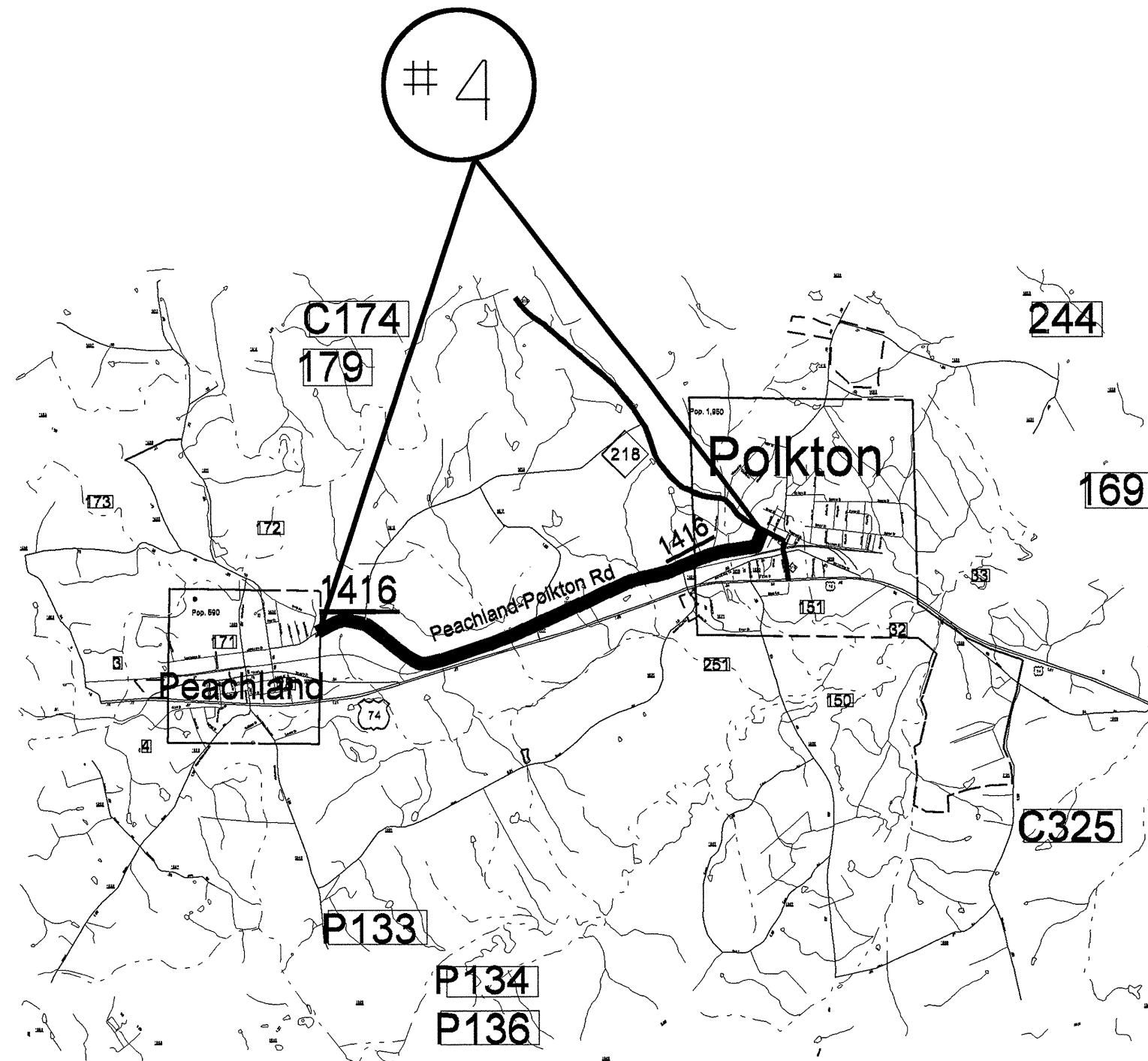
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10041.49 - 10CR.10041.51 10CR.20041.45 - 10CR.20041.46 10CR.20041.40	2	
F.A. PROJECT NO.			

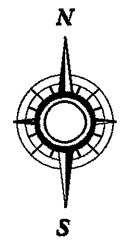


ENLARGED MUNICIPAL AND SUBURBAN AREAS  
**ANSON COUNTY**  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP # 3 US 52 SOUTH 2.7 MILES  
 FROM PAVEMENT JOINT SOUTH OF SR 1812 (DIGGS RD)  
 TO PAVEMENT JOINT NORTH OF MORVEN CITY LIMITS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10041.49 - 10CR.10041.51 10CR.20041.45 - 10CR.20041.46 10CR.20041.40	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 #4 SR 1416 (PEACHLAND-POLKTON RD) 3.2 MILES**  
**FROM EAST OF PEACHLAND CITY LIMITS TO NC 218**

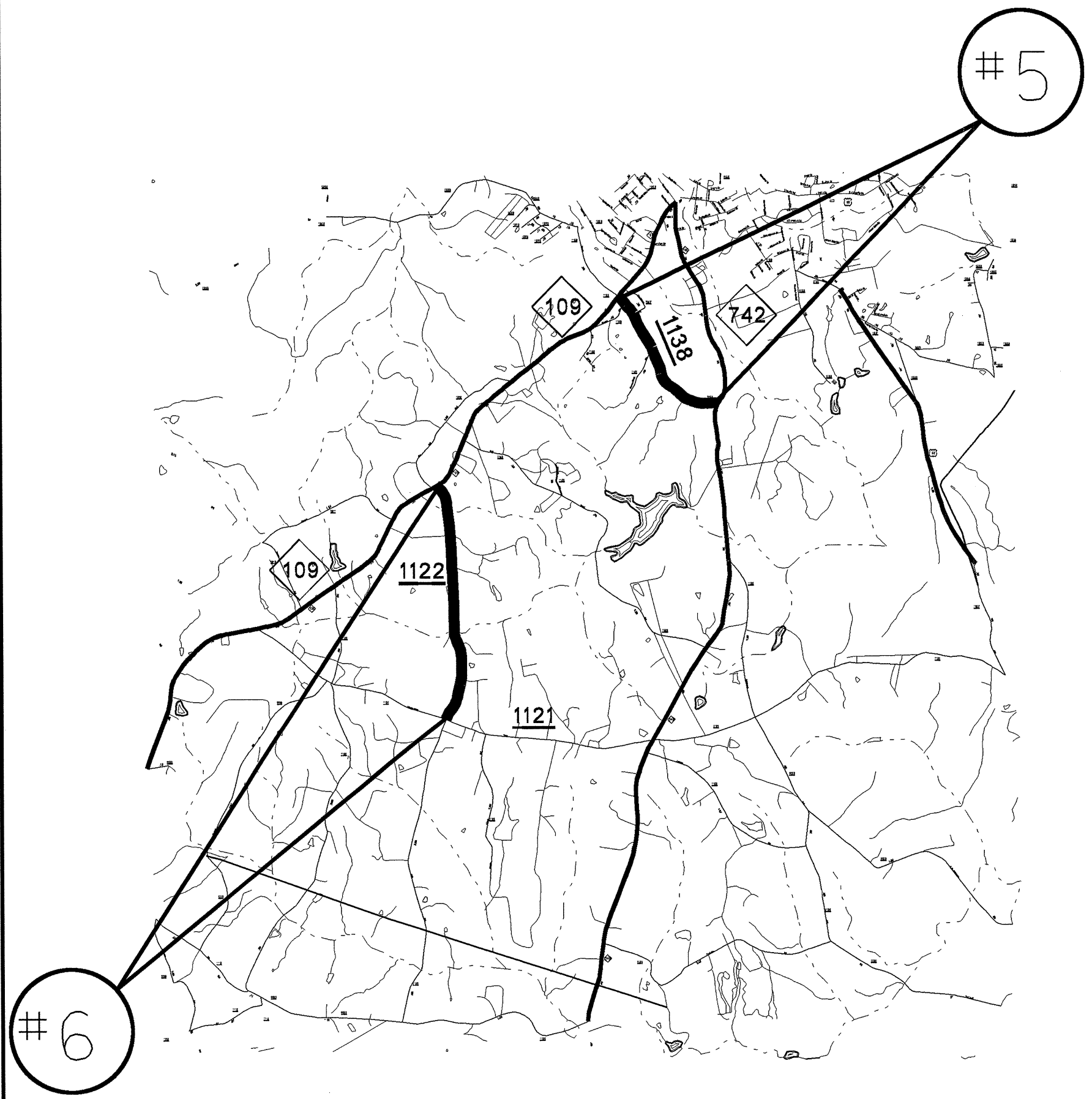
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10041.49 - 10CR.10041.51 10CR.20041.45 - 10CR.20041.46 10CR.20041.40	4	
F.A. PROJECT NO.			



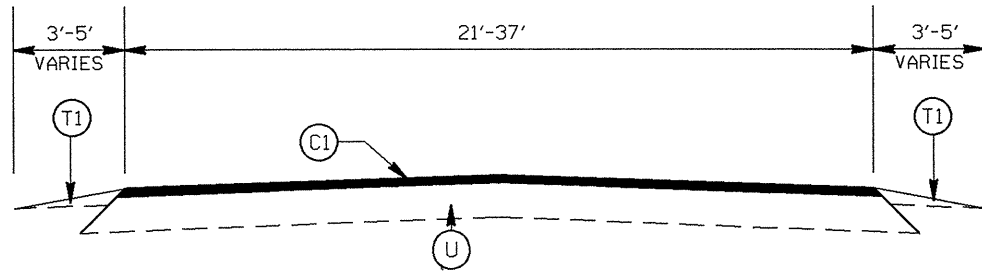
ENLARGED MUNICIPAL AND SUBURBAN AREAS  
**ANSON COUNTY**  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

**MAP #5 SR 1138 (CAPEL DAIRY RD) 1.3 MILES**  
**FROM NC109 TO NC 742**

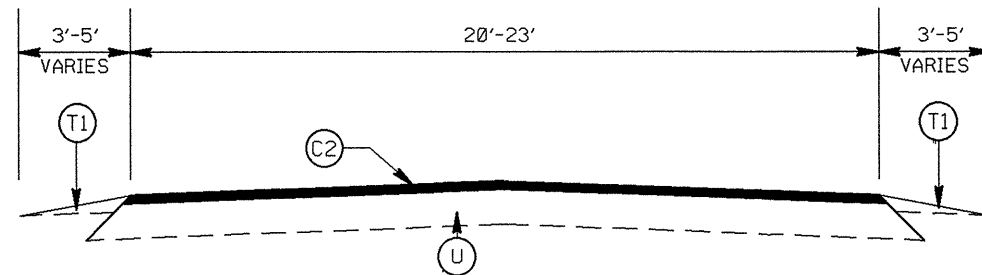
**MAP #6 SR 1122 (PLEASANT HILL CHURCH RD) 1.9 MILES**  
**FROM NC 109 TO SR 1121 (BETHEL RD)**



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	1504-043 - 10/15/15 001-2004-01 - 001-2004-14 001-2004-01	5	
F.A. PROJECT NO.			

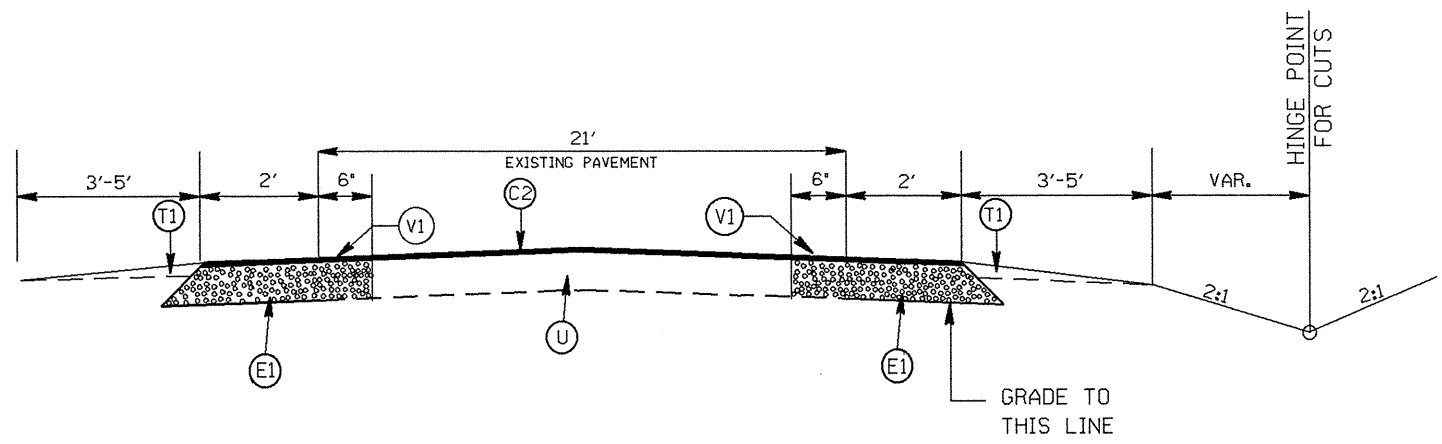


TYPICAL SECTION NO. 1  
US 52 SOUTH (MAP 3)



TYPICAL SECTION NO. 2  
SR 1416 (PEACHLAND-POLKTON RD) MAP 4  
FROM STA. 10+00 TO 159+77

SR 1138 (CAPEL DAIRY RD) MAP 5  
SR 1122 (PLEASANT HILL CHURCH RD) MAP 6



TYPICAL SECTION NO. 3  
NC 742 SOUTH (MAPS 1 & 2)


PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 8.0" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LIFTS.
(U)	EXISTING PAVEMENT
(T1)	SHOULDER RECONSTRUCTION
(V1)	MILLING 6" OF EXISTING PAVEMENT (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")

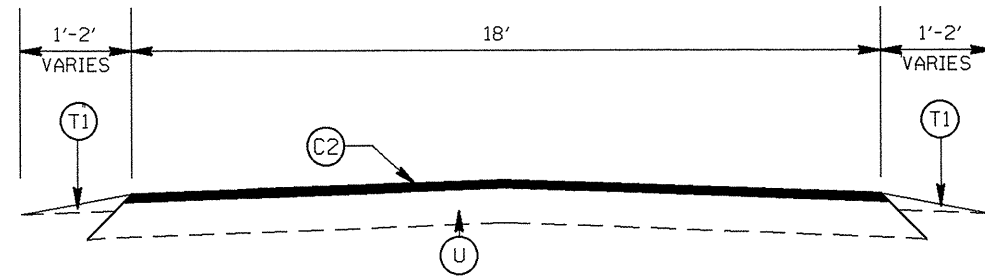
NOTES:

- 1: LEVELING COURSE TO BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 2: ON MAP 2, BRIDGE TO BE MILLED 1.5" AND OVERLAID WITH 1.5" S9.5B".
- 3: ON MAP 6, DO NOT MILL OR RESURFACE OVER BRIDGE.
- 4: SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER. NO AGGREGATE SHOULDER BORROW WILL BE ALLOWED, WITHOUT APPROVAL BY THE ENGINEER.
- 5: TRENCHING OF BASE COURSE TO INCLUDE 6" OF MILLING EXISTING ASPHALT PAVEMENT.

2014-2015  
ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	01/14			
DWG. BY	AMC			
DESIGN BY	AMC			
APPROVED	JWU			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2014-2015 ANSON COUNTY RESURFACING	6	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 4

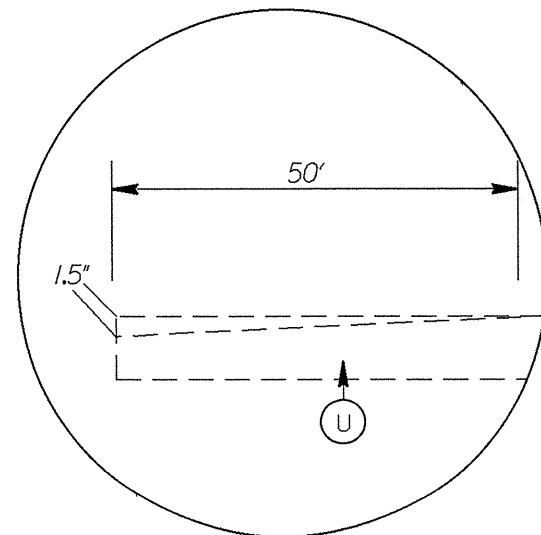
SR 1416 (PEACHLAND-POLKTON RD) MAP 4  
FROM STA. 159+77 TO END OF MAP

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 8.0" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LIFTS.
(U)	EXISTING PAVEMENT
(T1)	SHOULDER RECONSTRUCTION
(V1)	MILLING 6" OF EXISTING PAVEMENT (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")

NOTES:

- 1: LEVELING COURSE TO BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 2: ON MAP 2, BRIDGE TO BE MILLED 1.5" AND OVERLAID WITH 1.5" S9.5B".
- 3: ON MAP 6, DO NOT MILL OR RESURFACE OVER BRIDGE.
- 4: SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER. NO AGGREGATE SHOULDER BORROW WILL BE ALLOWED, WITHOUT APPROVAL BY THE ENGINEER.
- 5: TRENCHING OF BASE COURSE TO INCLUDE 6" OF MILLING EXISTING ASPHALT PAVEMENT.

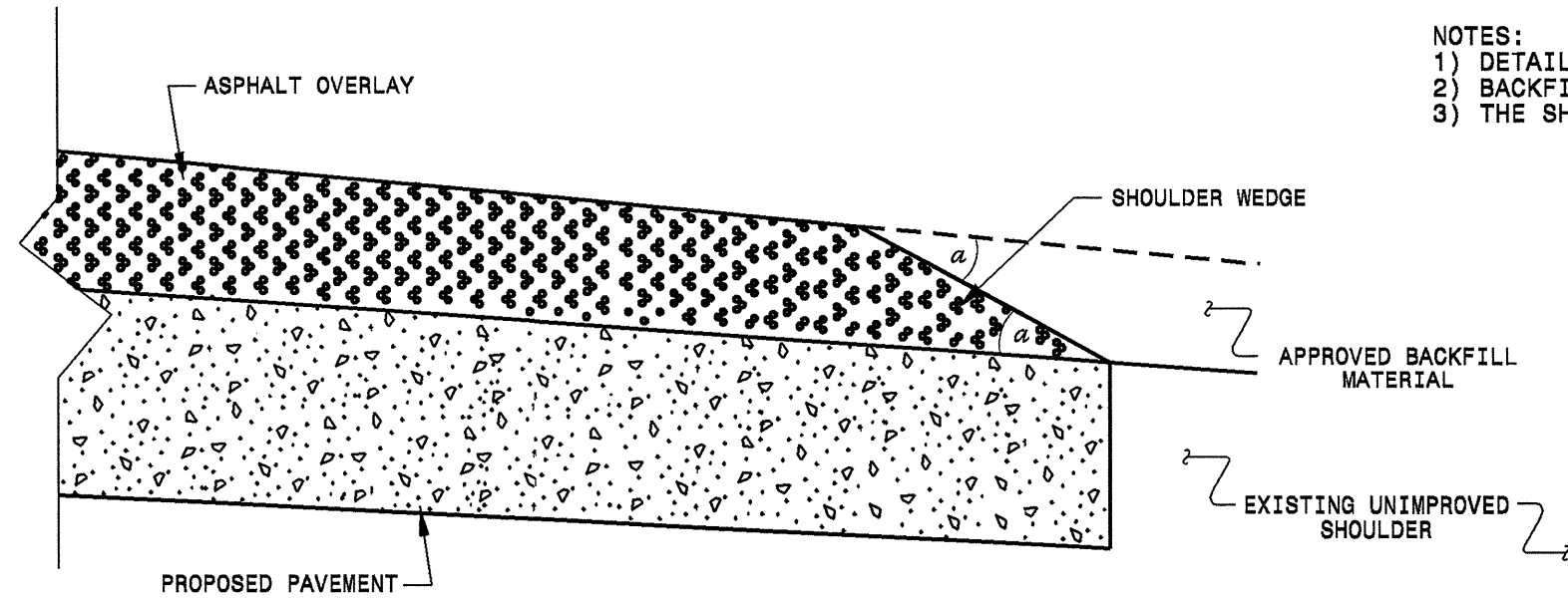


DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")

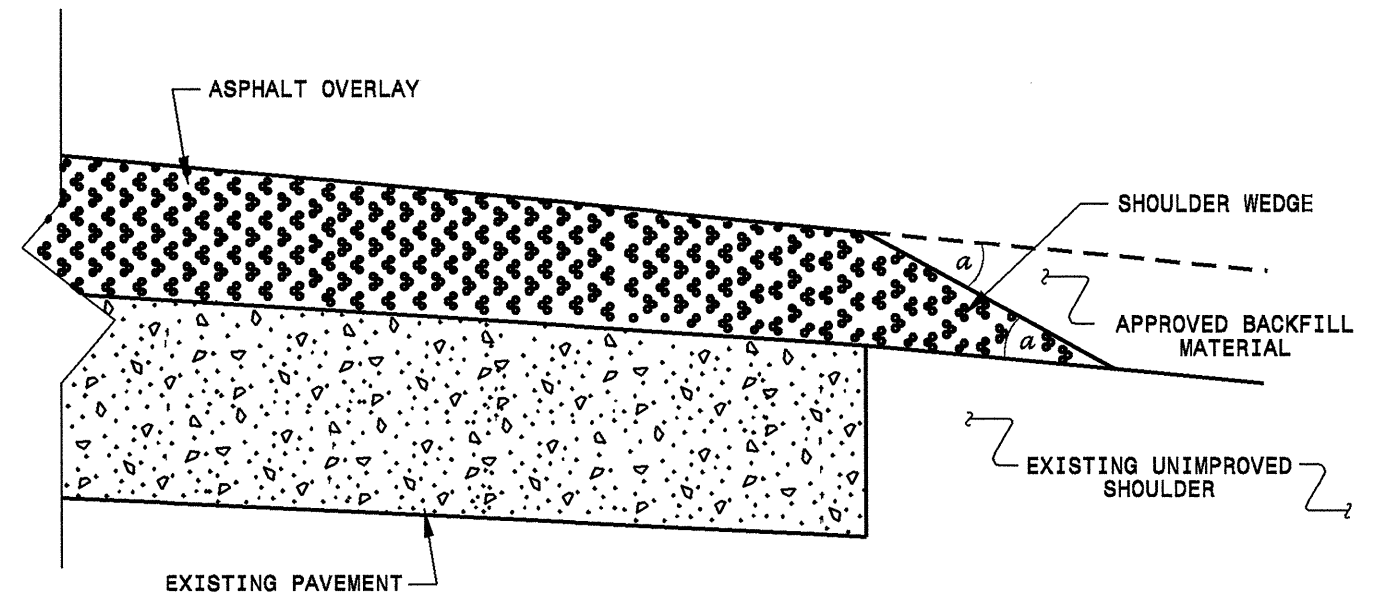
2014-2015  
ANSON COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/14		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	JWU		

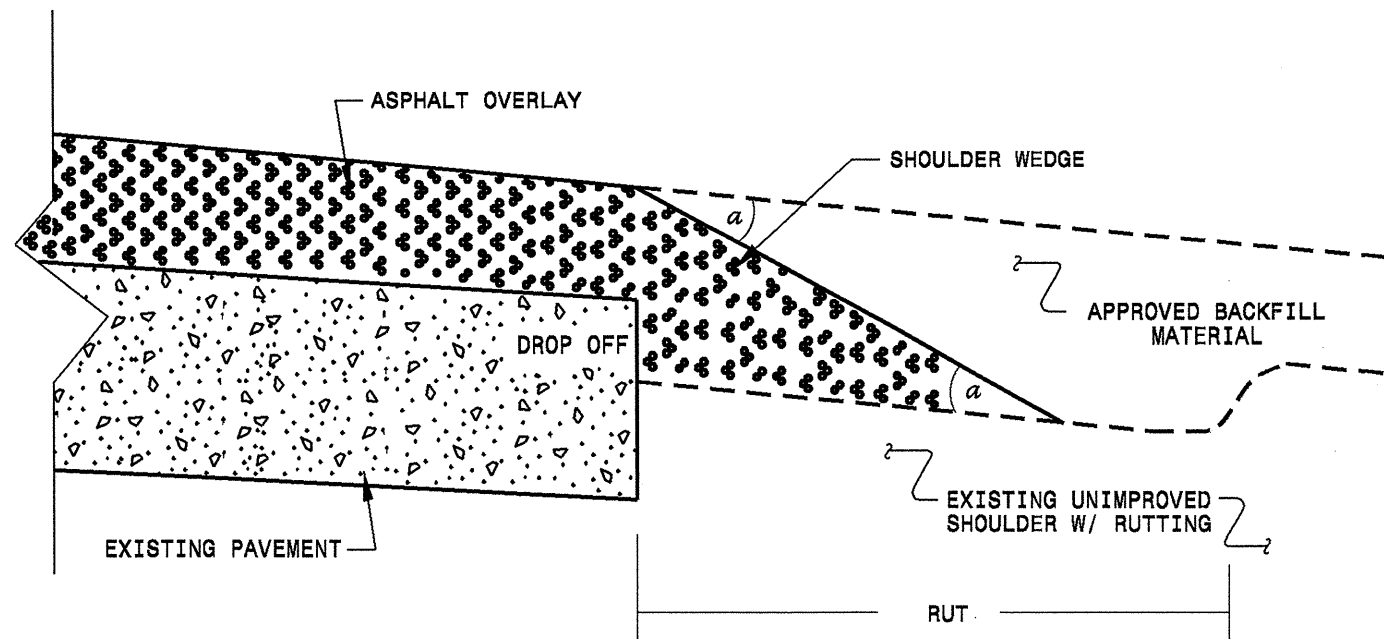
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or  
 with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to  
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS  
 AND DEVELOPMENT UNIT  
 Office 919-707-6950 FAX 919-250-4119

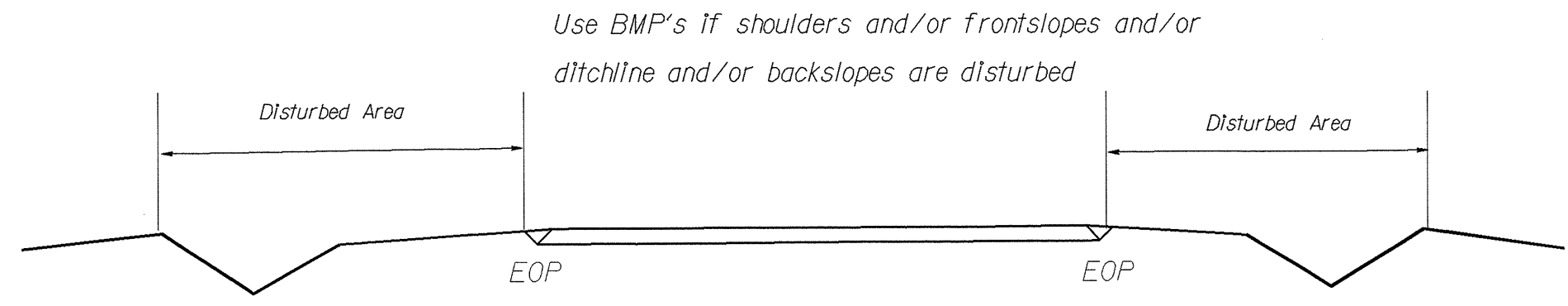
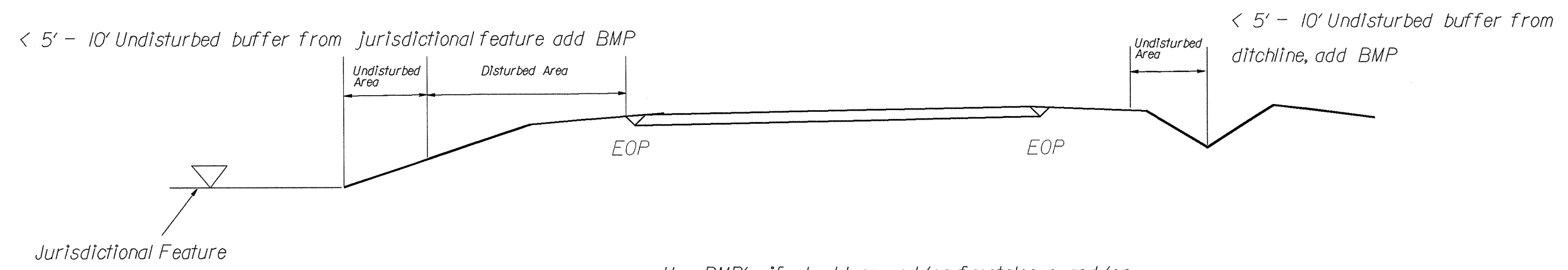
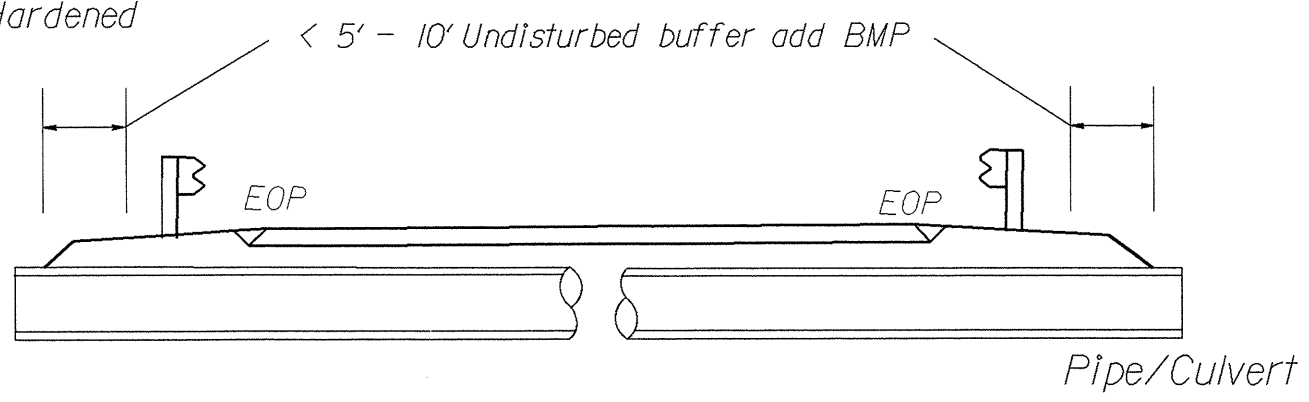
**SHOULDER WEDGE  
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 10/18/12  
 CHECKED BY: DATE:  
 FILE SPEC: s:\user\details\stand\shoulderwedgedetail.dgn

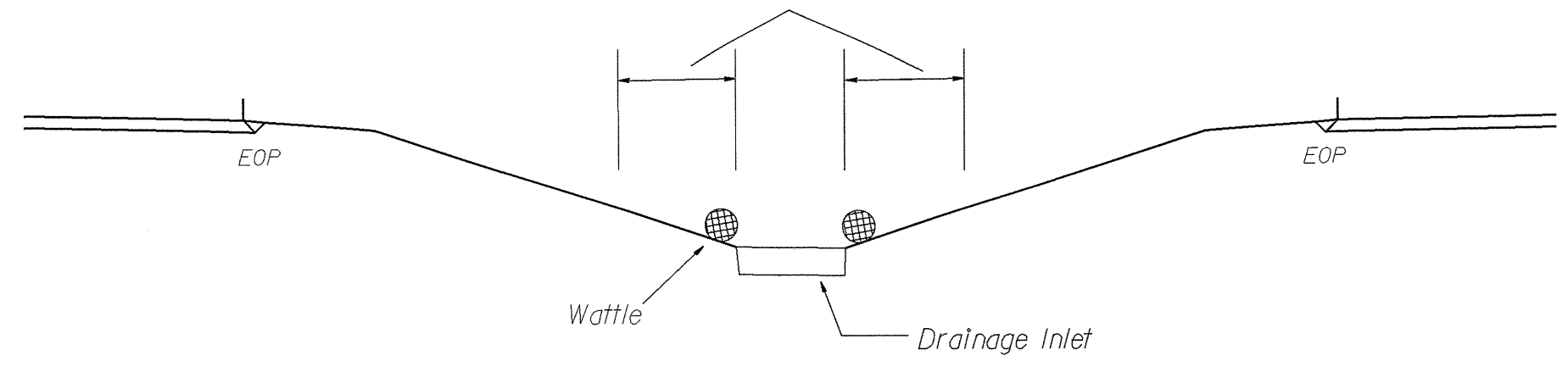
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

# EROSION CONTROL DETAIL

BMP Options: Wattle, Silt Fence or Hardened Aggregate.



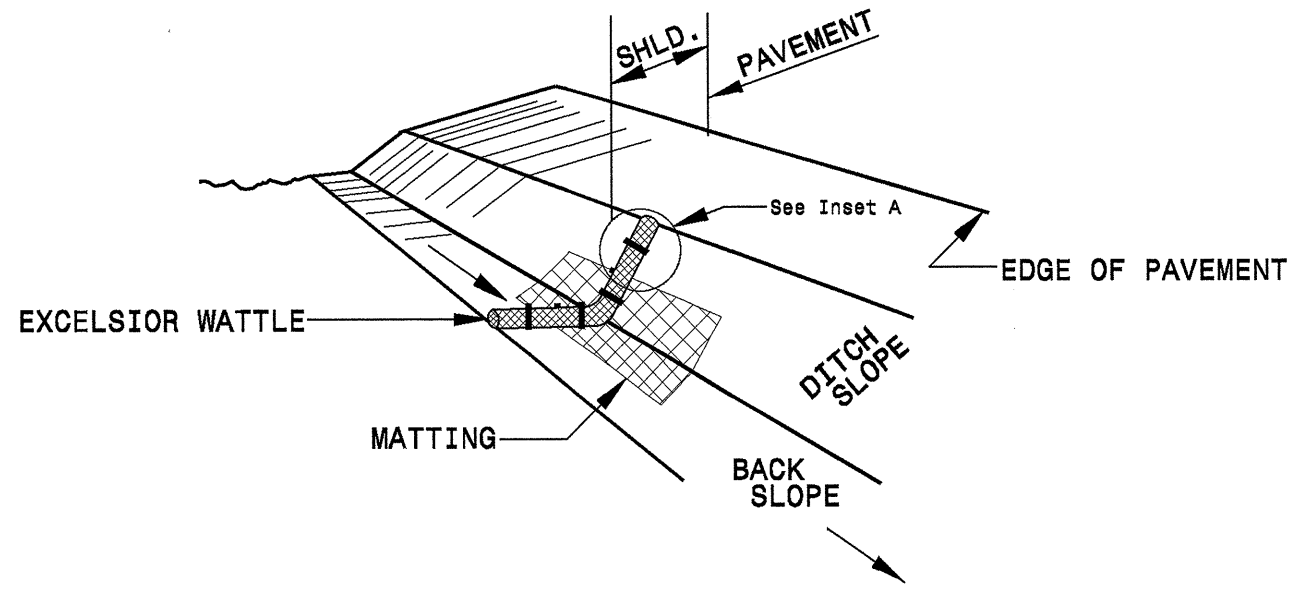
< 5' - 10' Undisturbed buffer from inlet, add wattle



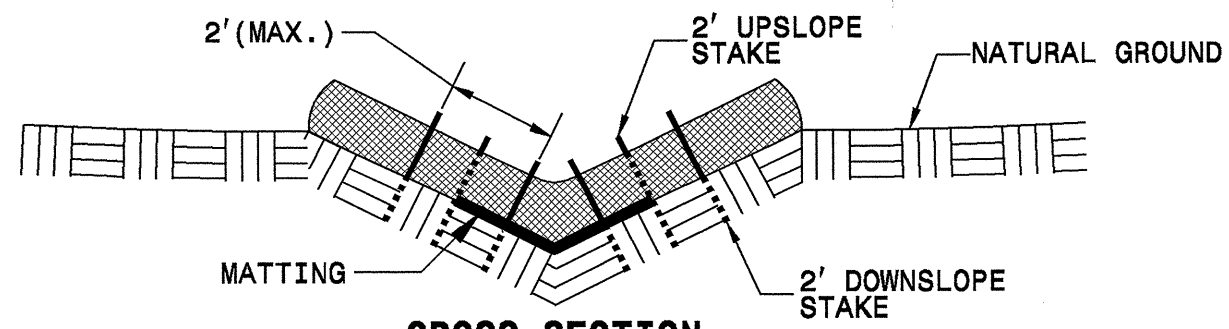
NOT TO SCALE



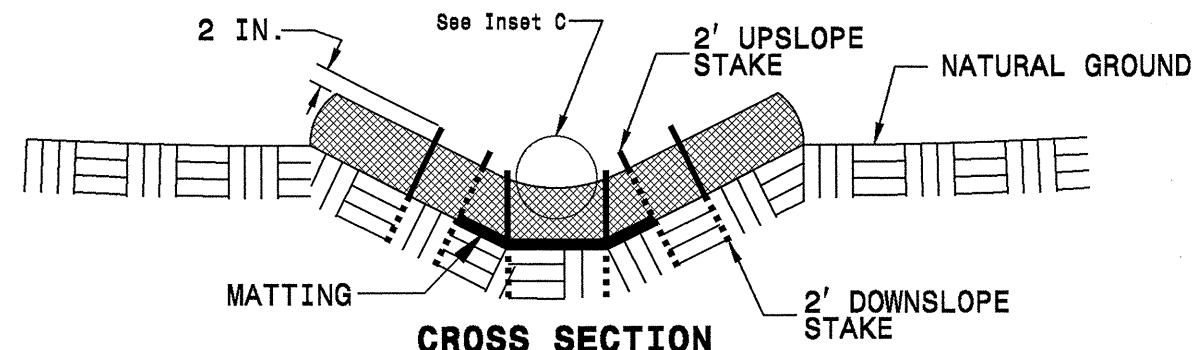
# WATTLE WITH POLYACRYLAMIDE DETAIL



**ISOMETRIC VIEW**



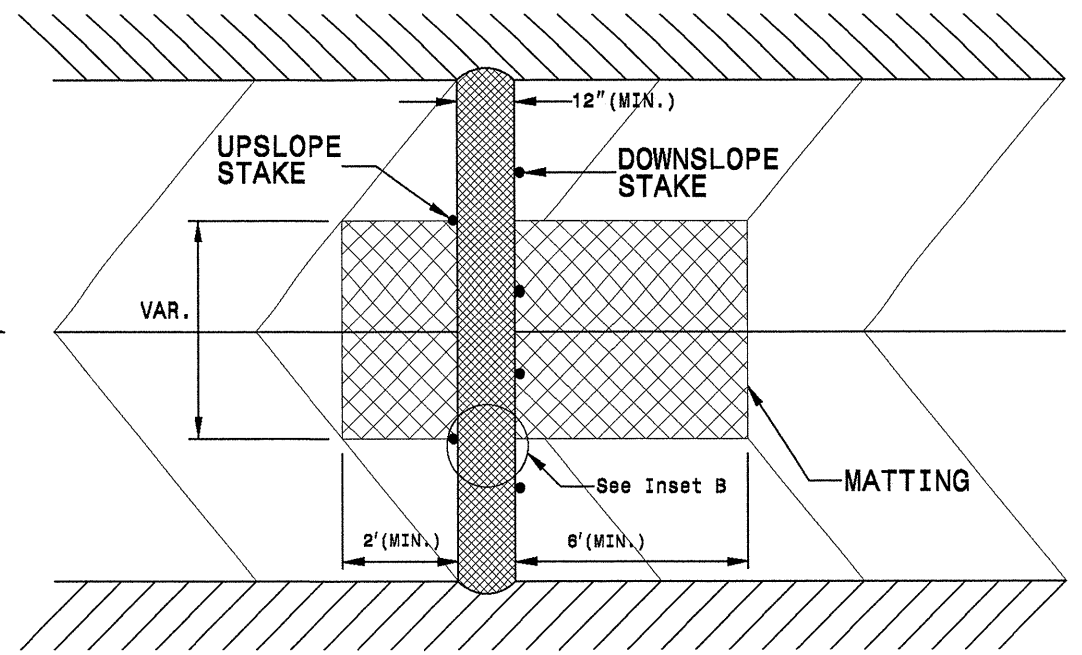
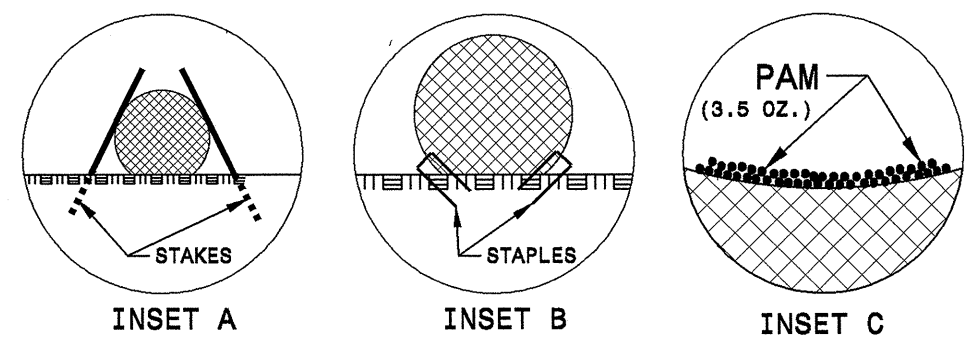
**CROSS SECTION  
VEE DITCH**



**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**

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10041.49-10CR.10041.51 10CR.20041.45-10CR.20041.46 10CR.20041.40	10	11

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	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 1/4" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	6" DRIVEWAYS SY	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLYACRYLAMIDE (PAM) LB
10CR.10041.49	Anson	1	NC 742	FROM PVMT JOINT NORTH OF SR 1129 (ROBINSON BRIDGE RD) TO SR 1120 (GULLEDGE RD) <u>MILEPOST 7.8 TO 3.7</u>	3	2	2WU	NO	NO	4.1	25	745	718	8.20		117	6,939	5,149	1,805			732	68	1,230	123	62	1,230	3
10CR.10041.50	Anson	2	NC742	FROM SR1120 (GULLEDGE RD) TO SOUTH CAROLINA STATE LINE <u>MILEPOST 3.7 TO 0</u>	3	2	2WU	NO	NO	3.7	25	682	518	7.40	317	117	6,345	4,740	1,630			670	130	1,110	111	56	1,110	3
10CR.10041.51	Anson	3	US 52	FROM PVMT JOINT SOUTH OF SR 1812 (DIGGS RD) TO PVMT JOINT NORTH OF MORVEN CITY LIMITS <u>MILEPOST 1.1 TO 3.8</u>	1	2	2WU	NO	NO	2.7	21'-37'	500	176	5.40		267				3,695	1,190	295		405	54	27	405	1
10CR.20041.45	Anson	4	SR 1416 (PEACHLAND-POLKTON RD)	FROM EAST CITY LIMITS OF PEACHLAND TO NC 218 <u>MILEPOST 0.4 TO 3.6</u>	2,4	2	2WU	NO	NO	3.2	20	590	512	6.40		223						300		480	64	32	480	1
10CR.20041.46	Anson	5	SR 1138 (CAPEL DAIRY RD)	FROM NC 109 TO NC 742 <u>MILEPOST 0.7 TO 2.0</u>	2	2	2WU	NO	NO	1.3	23	235	202	2.60		562						132		195	26	13	195	1
10CR.20041.40	Anson	6	SR 1122 (PLEASANT HILL CHURCH RD)	FROM NC 109 TO SR 1121 (BETHEL RD) <u>MILEPOST 0 TO 1.9</u>	2	2	2WU	NO	NO	1.9	22	355	257	3.80		528						138		285	38	19	285	1
<b>GRAND TOTAL</b>										<b>16.9</b>		<b>3,107</b>	<b>2,383</b>	<b>33.8</b>	<b>317</b>	<b>1,814</b>	<b>13,284</b>	<b>17,519</b>	<b>5,167</b>	<b>3,695</b>	<b>1,190</b>	<b>2,267</b>	<b>198</b>	<b>3,705</b>	<b>416</b>	<b>209</b>	<b>3,705</b>	<b>10</b>

