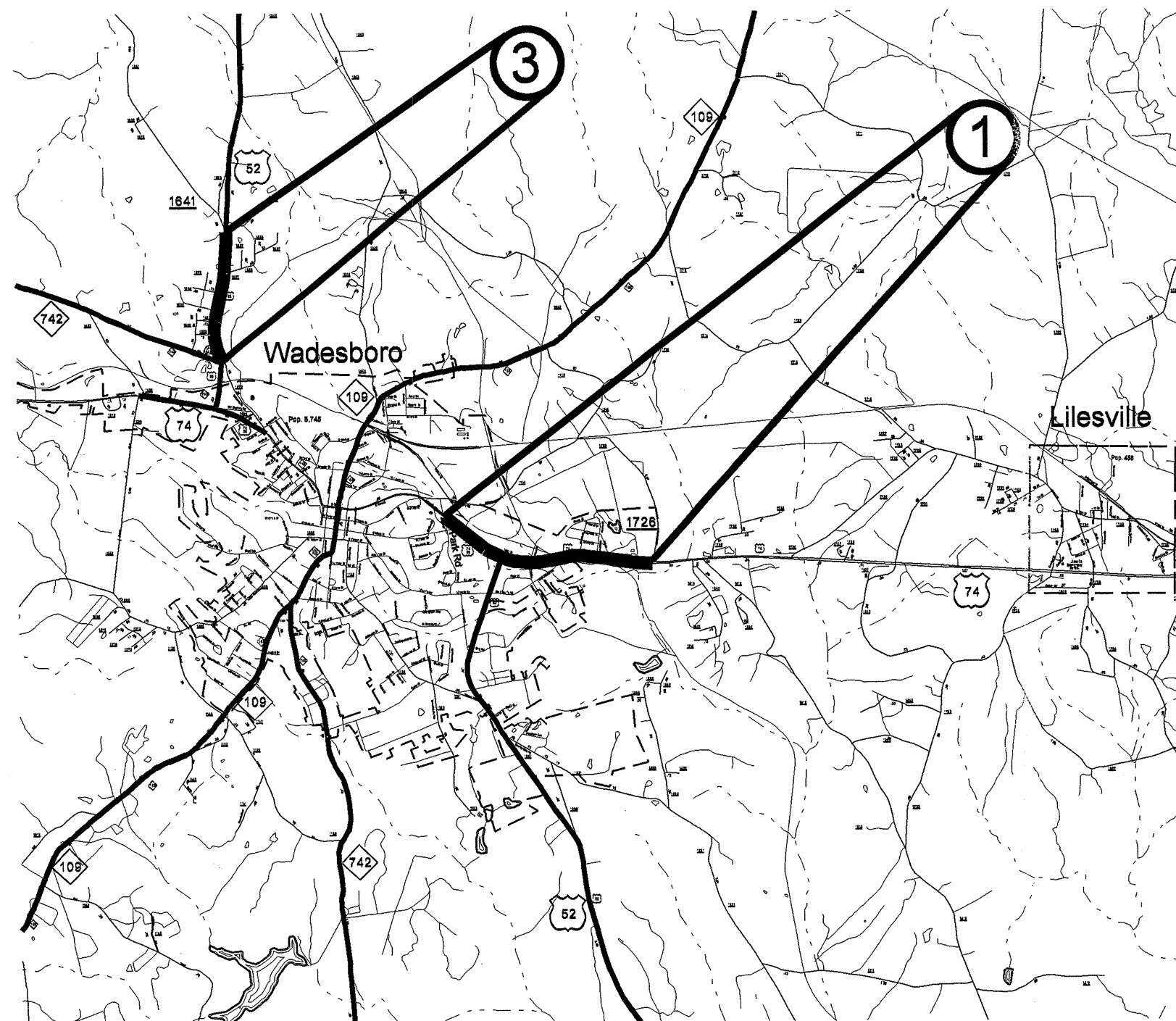


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR10041.39 10CR10041.41	I	II
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

ANSON COUNTY

NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

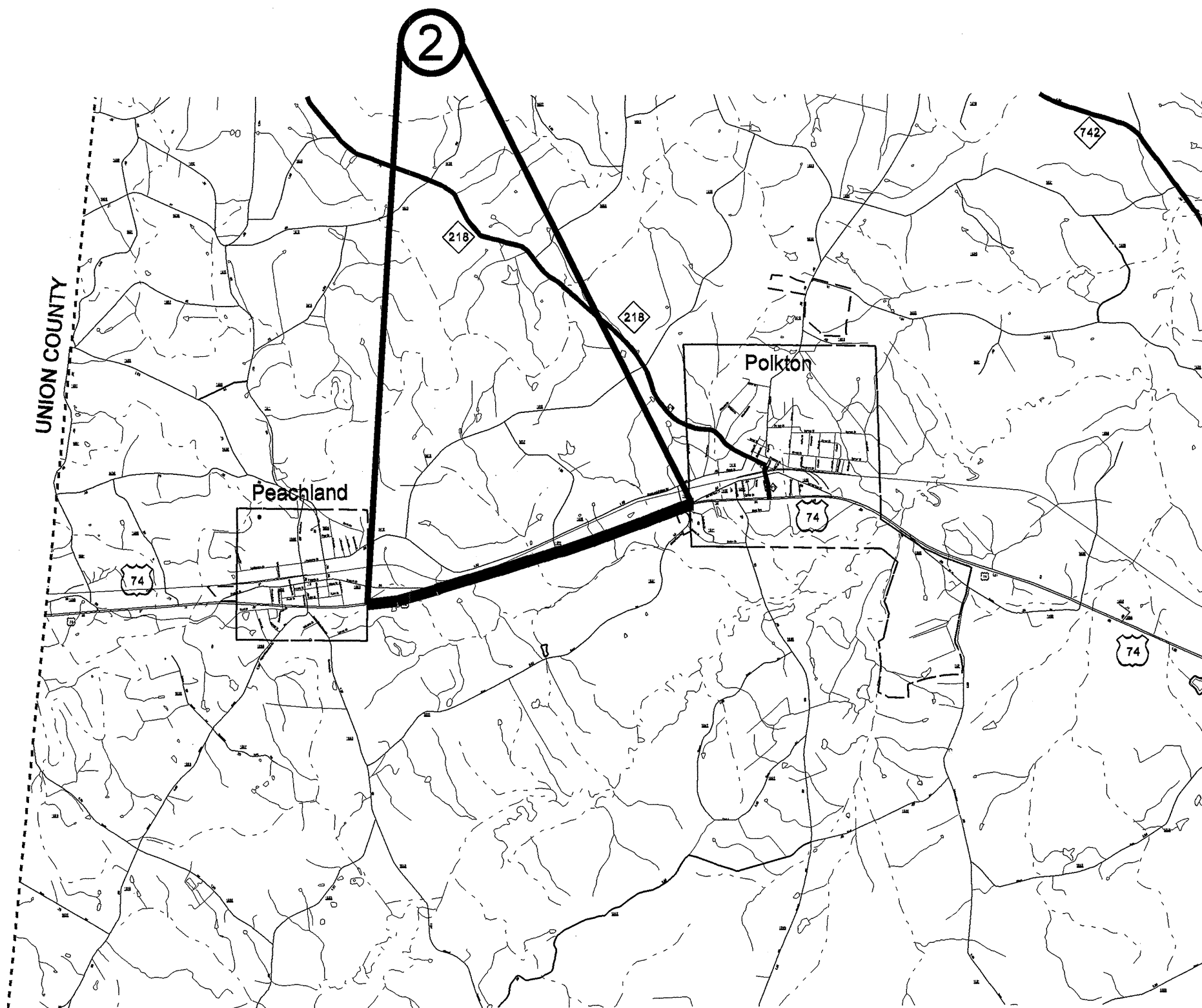
MAP #1 US HWY 74
1.55 MILES

**FROM THE PAVEMENT JOINT AT PARK ST
TO THE PAVEMENT JOINT AT SR-1726
(MORGAN FREIGHT LINE RD)
MILEPOST 12.7 - 14.5**

MAP #3 HWY 52
0.8 MILES

**FROM THE PAVEMENT JOINT AT HWY 742
TO THE PAVEMENT JOINT AT SR-1641
(BROWN CREEK CHURCH RD)
MILEPOST 15 - 15.8**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCRJ004I,40	2	II
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

ANSON COUNTY

NORTH CAROLINA

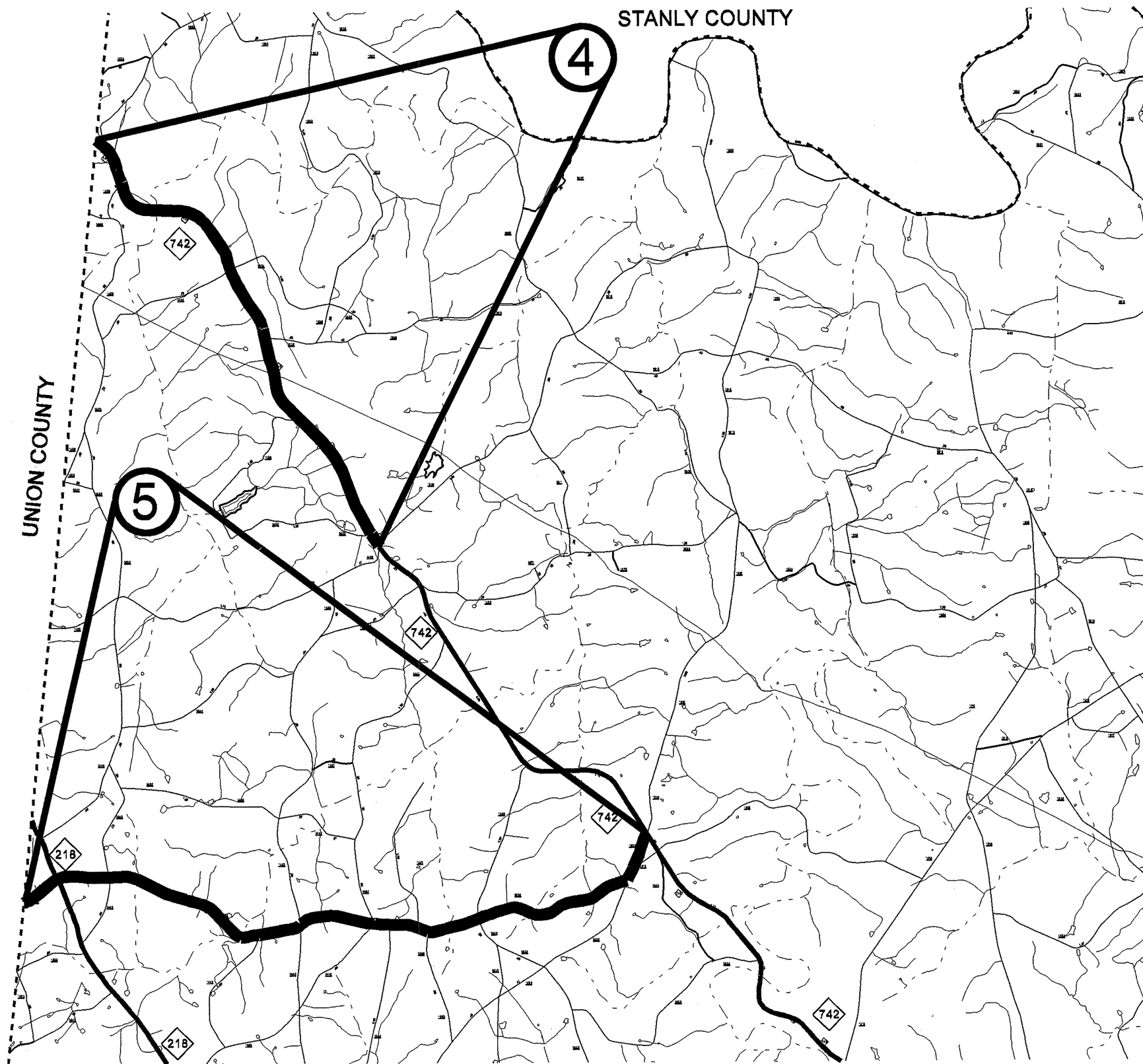
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

**MAP #2 US HWY 74 EB
2.28 MILES**

**FROM THE PAVEMENT JOINT AT THE EAST
CITY LIMITS OF PEACHLAND TO THE WEST
CITY LIMITS OF POLKTON.
MILEPOST 22.5 - 20.5**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR10041.42 10CR20041.36	3	11
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

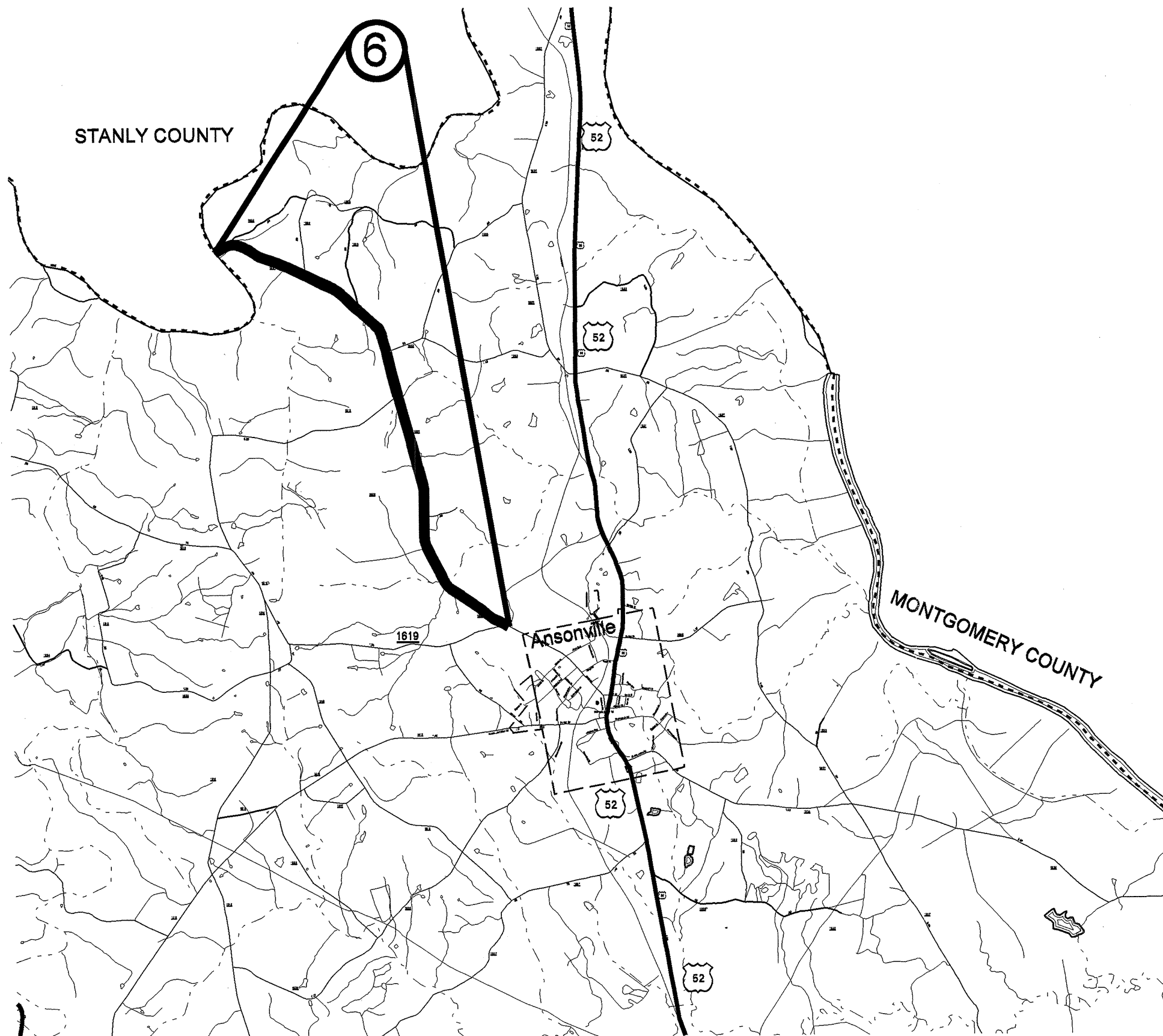
MAP #4 HWY 742
3.87 MILES

**FROM THE PAVEMENT JOINT AT SR-1456
(OLIVE BRANCH RD) TO THE PAVEMENT JOINT
AT THE UNION COUNTY LINE.
MILEPOST 26.1 - 30**

MAP #5 SR-1002
5.22 MILES

**FROM THE PAVEMENT JOINT AT THE UNION
COUNTY LINE TO HWY 742.
MILEPOST 5.2 - 0**


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.20041.37	4	11
F.A. PROJECT NO.			

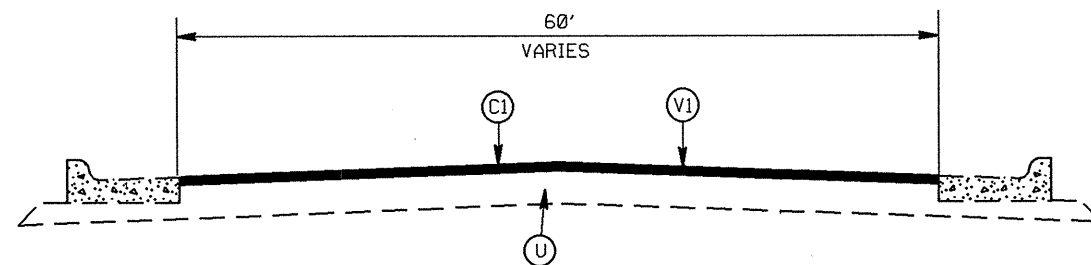


ENLARGED MUNICIPAL AND SUBURBAN AREAS
ANSON COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

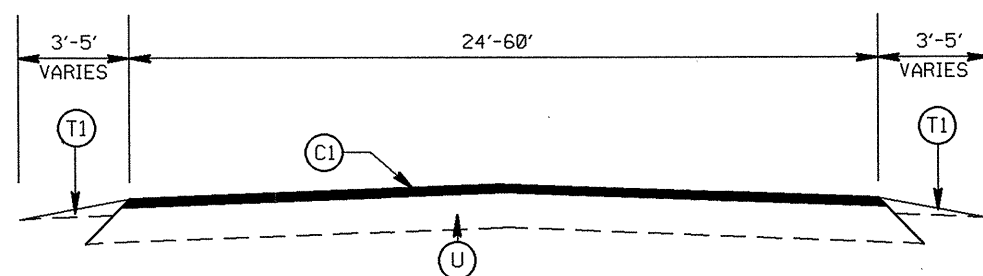
MAP #6 SR-1621
4.3 MILES

**FROM THE PAVEMENT JOINT AT SR-1619
 (LITTLE CREEK RD) TO THE CONCRETE BRIDGE
 AT THE STANLY COUNTY LINE.
 MILEPOST 4.4 - 0**

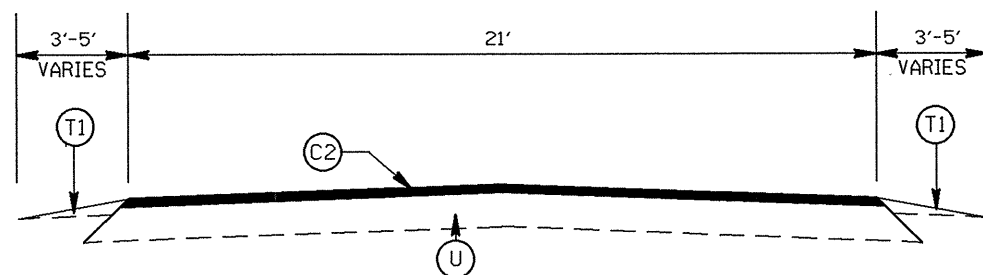
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10041.39 - IOCR.20041.37	5	11
F.A. PROJECT NO. 			



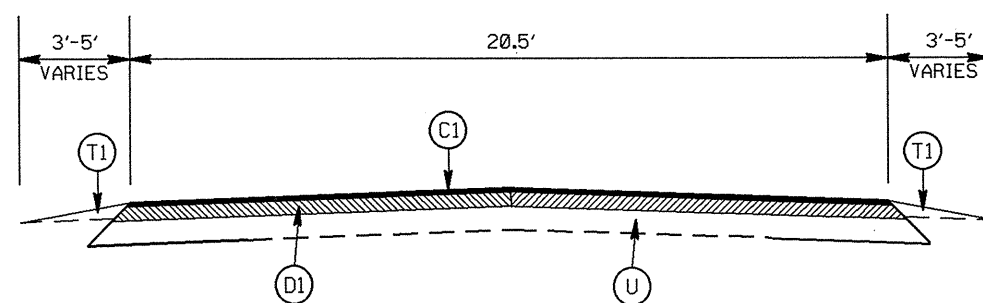
TYPICAL SECTION NO. 4
US HWY 74



TYPICAL SECTION NO. 3
NC HWY 742
US HWY 52
US HWY 74

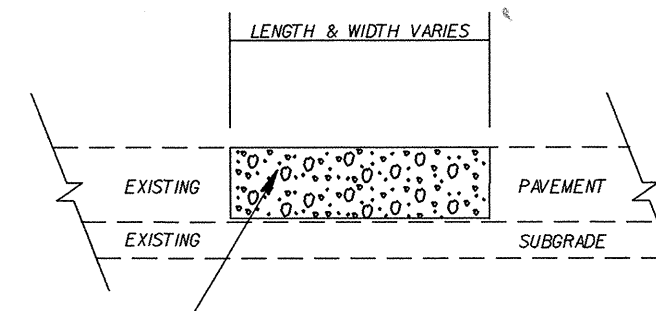


TYPICAL SECTION NO. 2
SR-1621



TYPICAL SECTION NO. 1
SR-1002

PATCHING DETAIL



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

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.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 8.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 912 LBS. PER SQ. YD. IN ONE LAYER.
(T1)	SHOULDER RECONSTRUCTION
(T2)	SHOULDER CONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 1.5" IN DEPTH

NOTES: 1: LEVELING COURSE TO BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.


2: DO NOT RESURFACE OVER CONCRETE BRIDGE ON MAP #1.

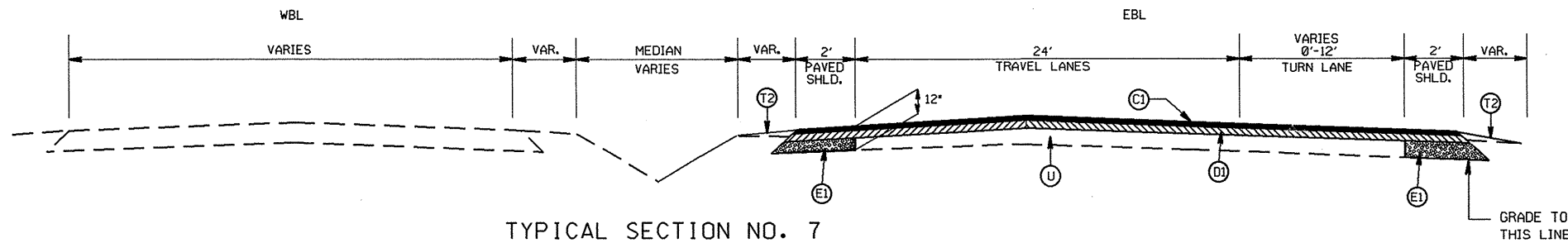
2012-2013 ANSON COUNTY
RESURFACING

SCALE	-NA-
DATE	12/11
DWG. BY	JAB
DESIGN BY	JAB
APPROVED	JWU

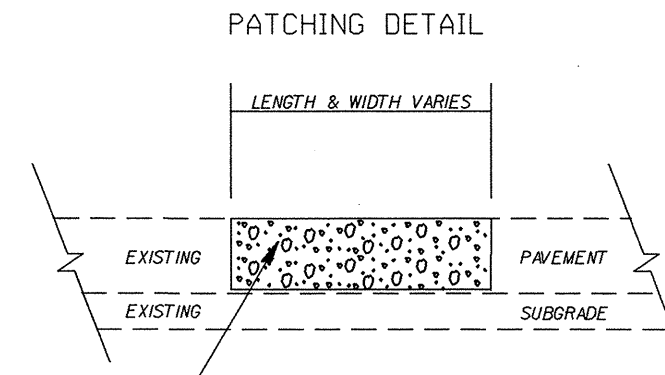


REVISIONS	

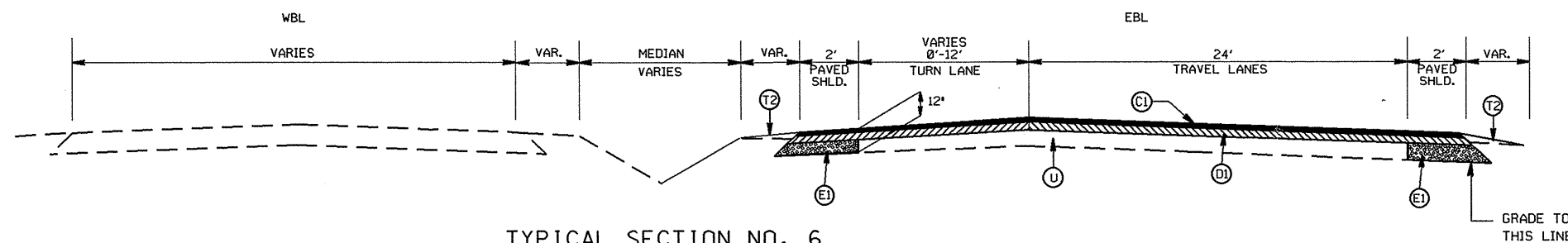
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR1004139 - 10CR2004137	6	11
F.A. PROJECT NO. 			



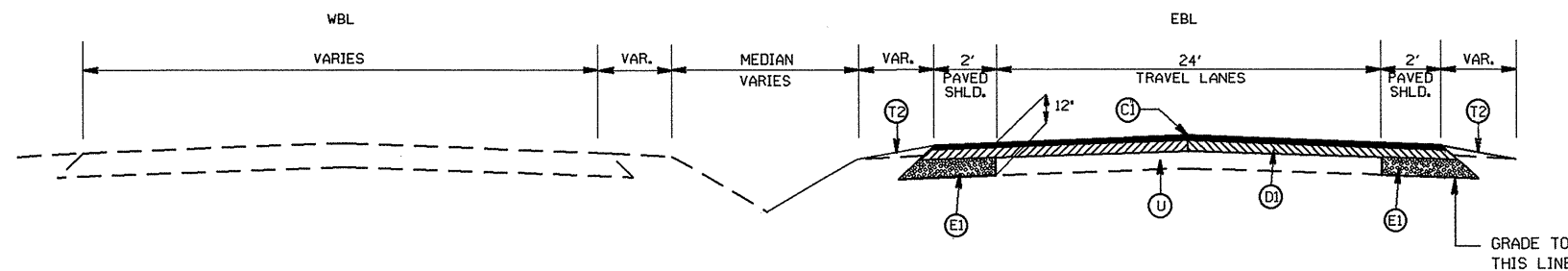
TYPICAL SECTION NO. 7
FOR RIGHT TURNLANES
US 74 EB



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



TYPICAL SECTION NO. 6
FOR LEFT TURNLANES
US 74 EB



TYPICAL SECTION NO. 5
TRAVEL LANES ONLY
US 74 EB

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.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 8.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 912 LBS. PER SQ. YD. IN ONE LAYER.
(T1)	SHOULDER RECONSTRUCTION
(T2)	SHOULDER CONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 1.5" IN DEPTH

NOTES: 1: LEVELING COURSE TO BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER.

2: DO NOT RESURFACE OVER CONCRETE BRIDGE ON MAP #1.

2012-2013 ANSON COUNTY
RESURFACING

SCALE	-NA-
DATE	12/11
DWG. BY	JAB
DESIGN BY	JAB
APPROVED	JWU



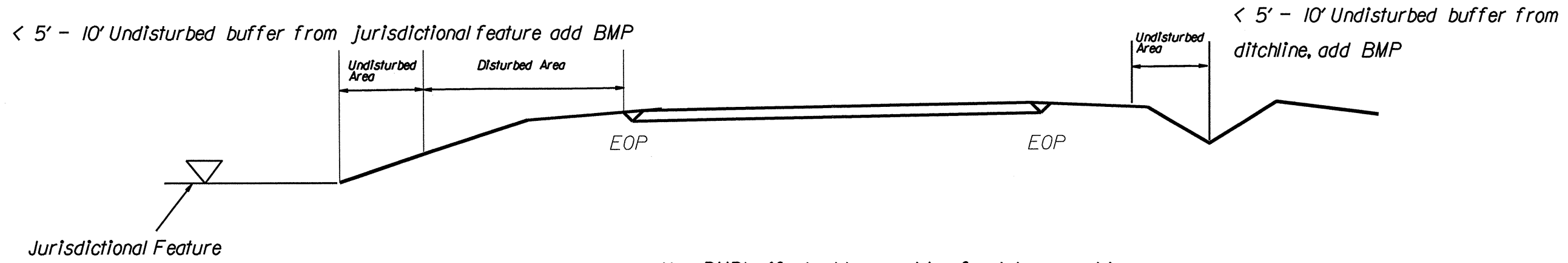
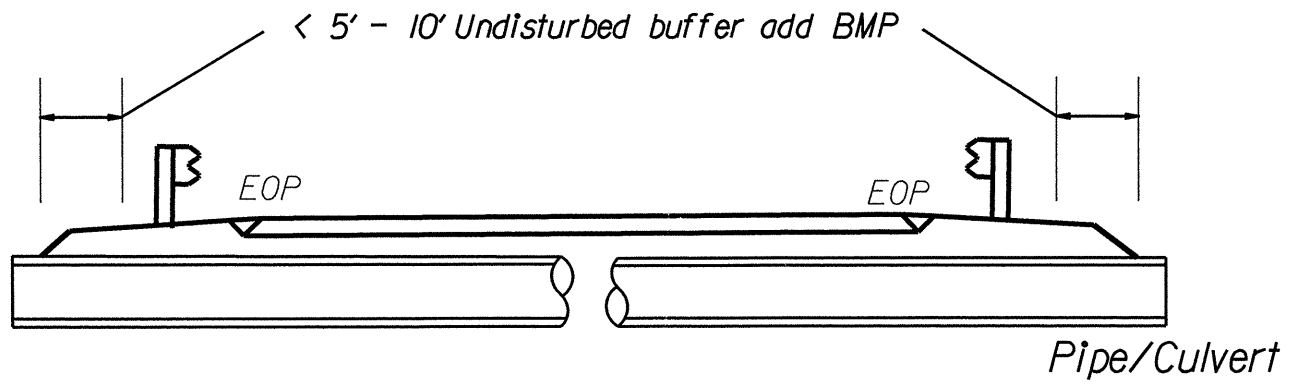
REVISIONS	

PROJECT REFERENCE NO.	SHEET NO.
1003-10041-39-ETC	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

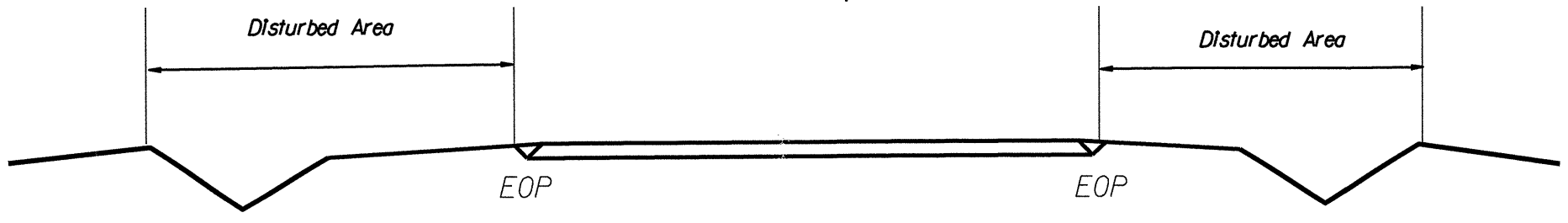
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

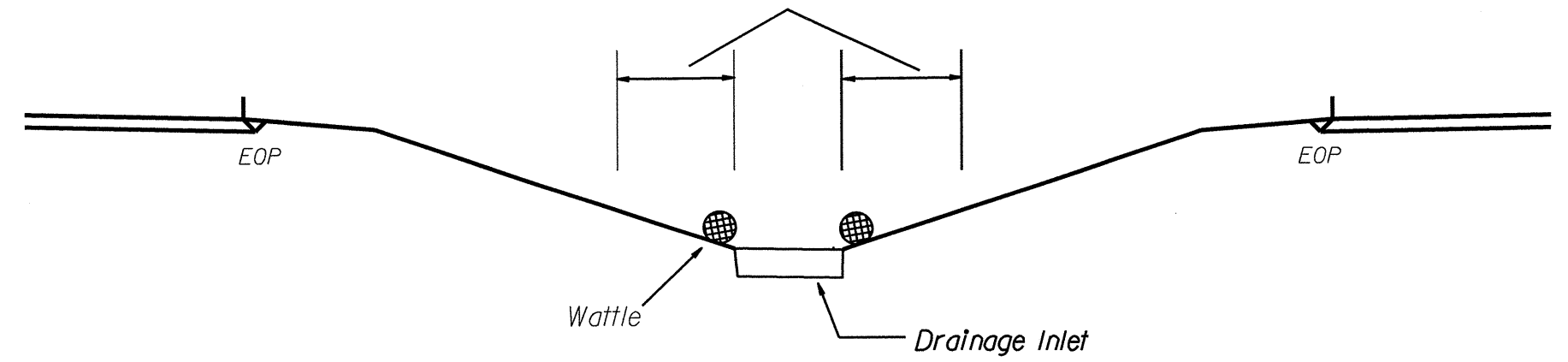
EROSION CONTROL DETAIL



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



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

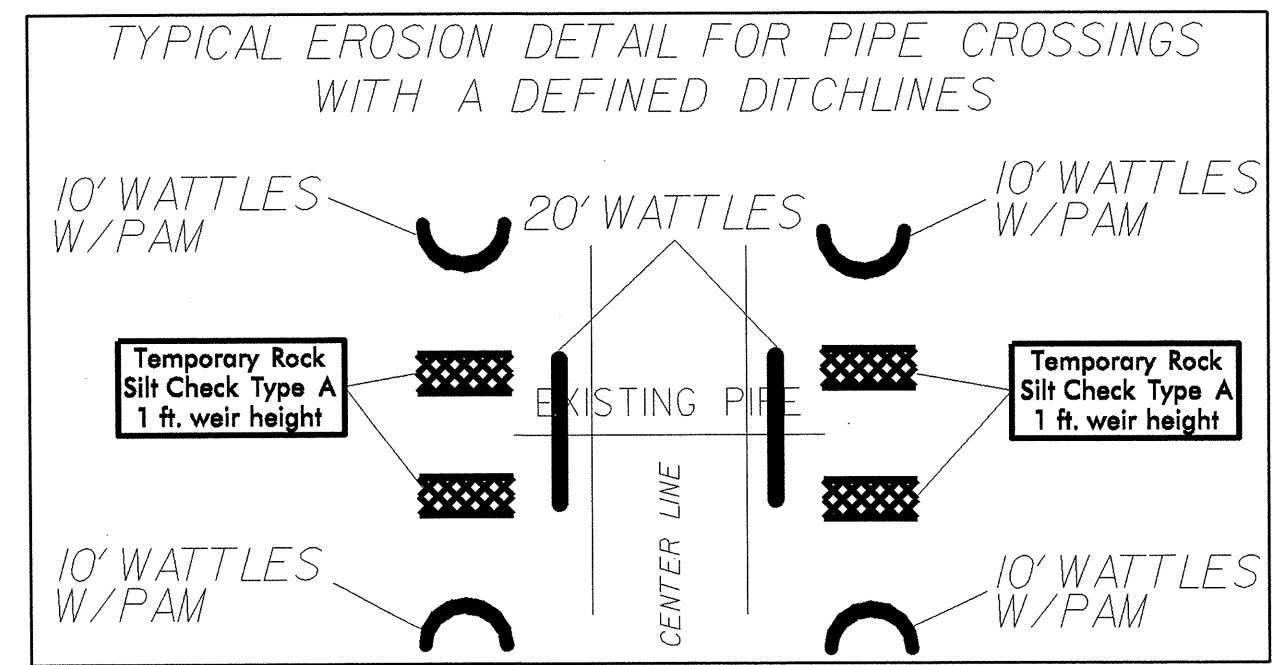
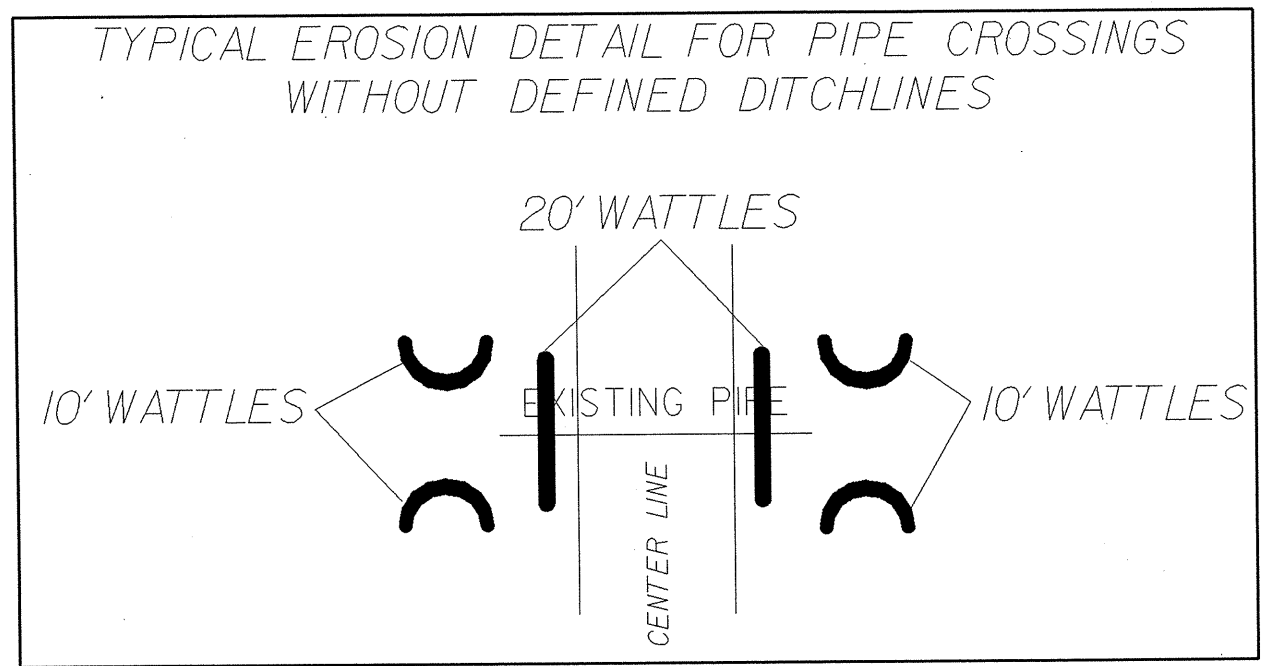


NOT TO SCALE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10041.39 - 10CR.20041.37	8	11
F.A. PROJECT NO.			


EC-1

GENERAL EROSION DETAILS



NOTES: FIELD MODIFICATIONS MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.
 WATTLE LENGTHS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 EROSION CONTROL MATTING SHALL BE USED IN THE CONSTRUCTION OF DITCHLINE WATTLES. SEE SHEET EC-2
 POLYACRYLAMIDE (PAM) SHOULD NOT BE USED ON WATTLES THAT WILL OUTLET DIRECTLY TO JURISDICTIONAL STREAMS.

GENERAL EROSION DETAILS

SCALE	-NA-		REVISIONS
DATE	12/10		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JWU		

PROJECT REFERENCE NO. 10CR.10041.39 - 10CR.20041.37	SHEET NO. EC-2
SHEET NO. 9-11	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

WATTLE WITH POLYACRYLAMIDE DETAIL

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.

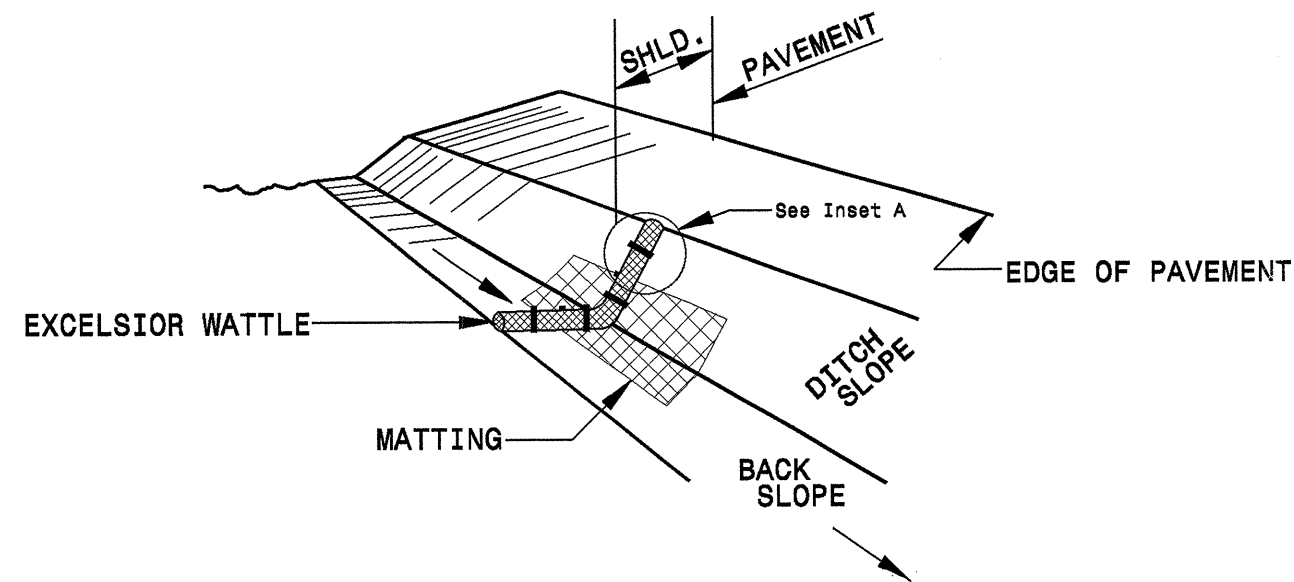
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

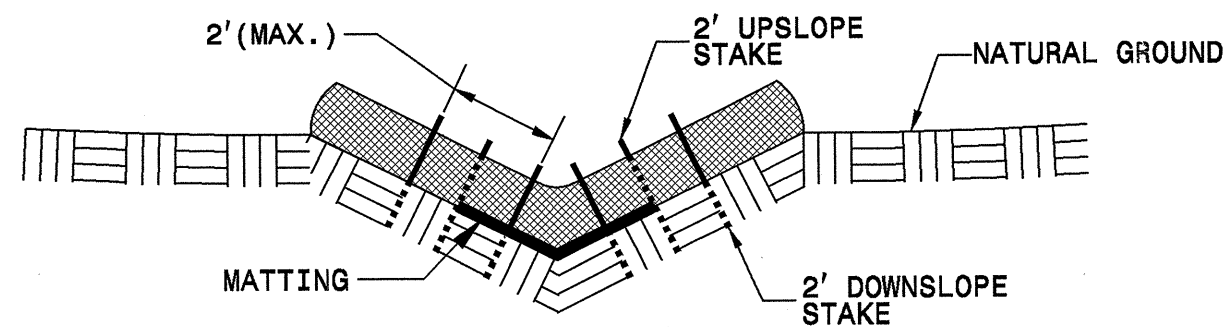
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

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.

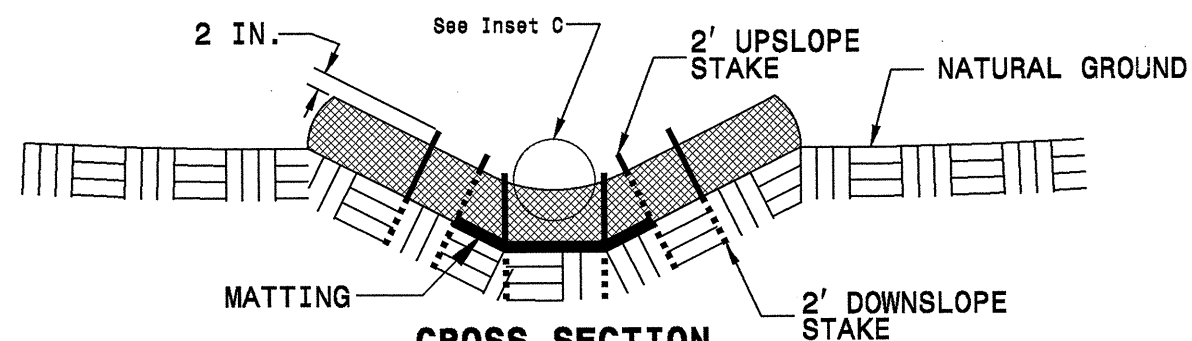
INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



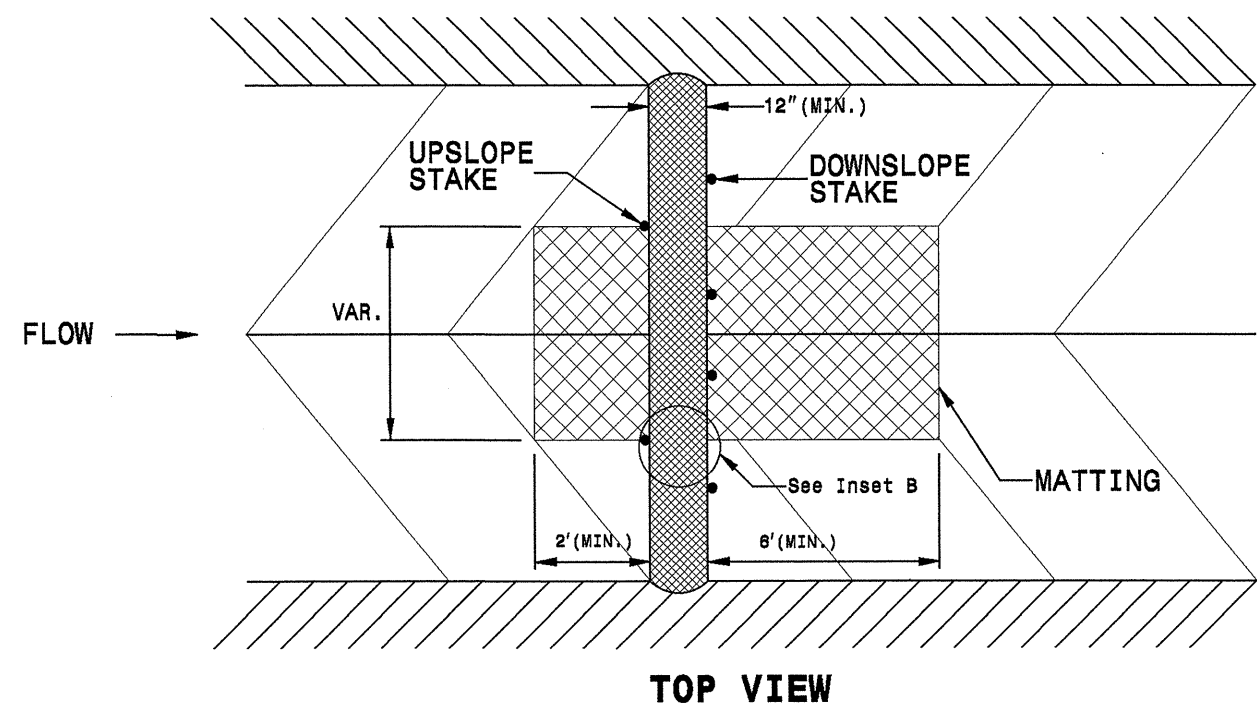
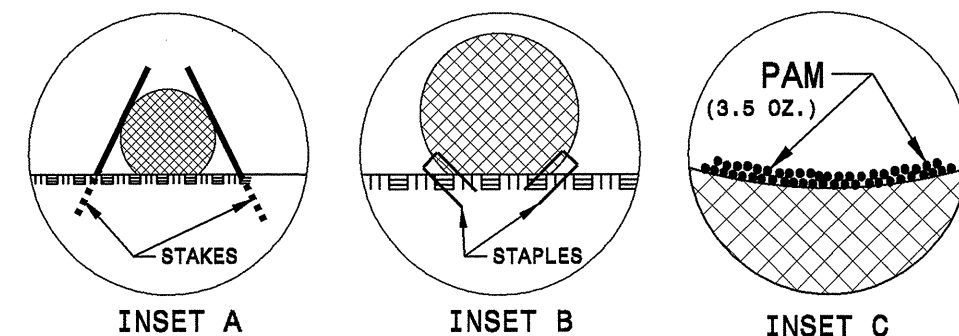
ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



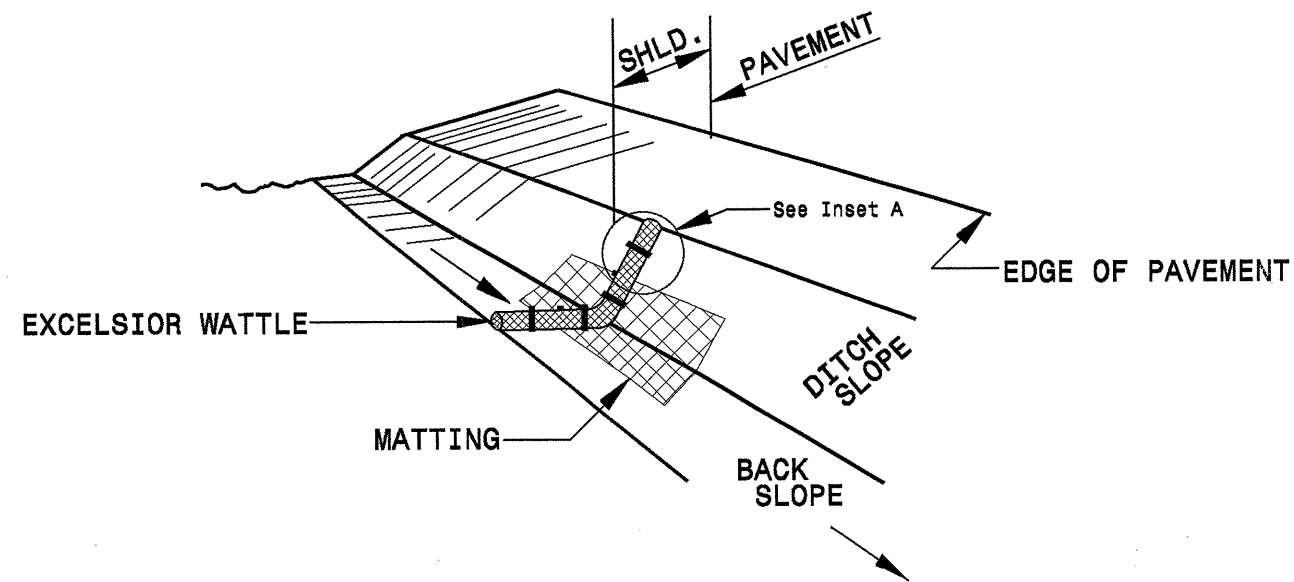
**CROSS SECTION
TRAPEZOIDAL DITCH**



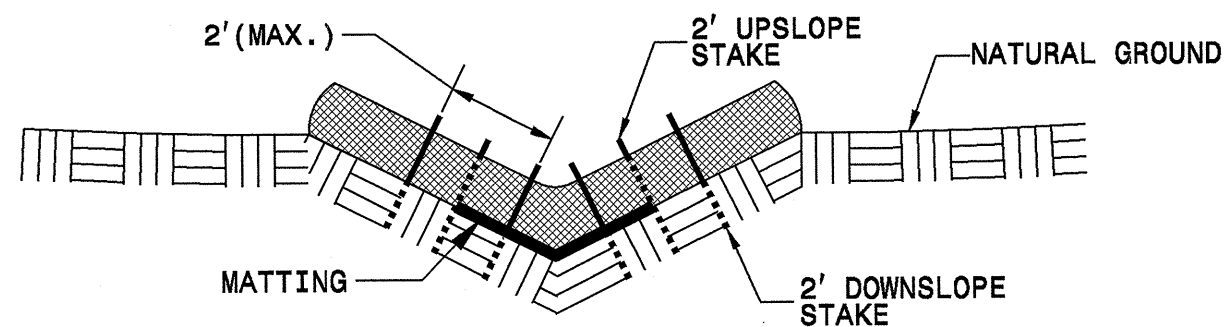
TOP VIEW

PROJECT REFERENCE NO. IOCR.10041.39 - IOCR.20041.37	SHEET NO. EC-3
SHEET NO. 10-11	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

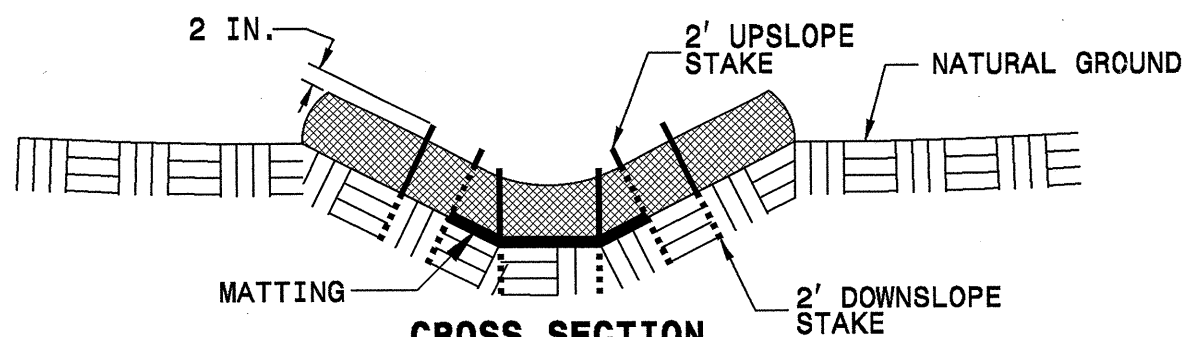
WATTLE DETAIL



ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



**CROSS SECTION
TRAPEZOIDAL DITCH**

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

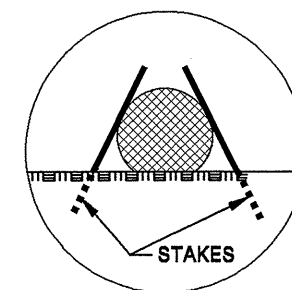
USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

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

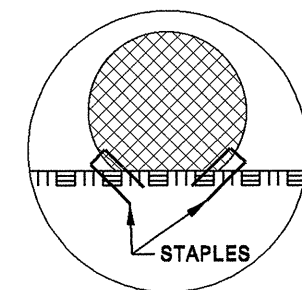
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

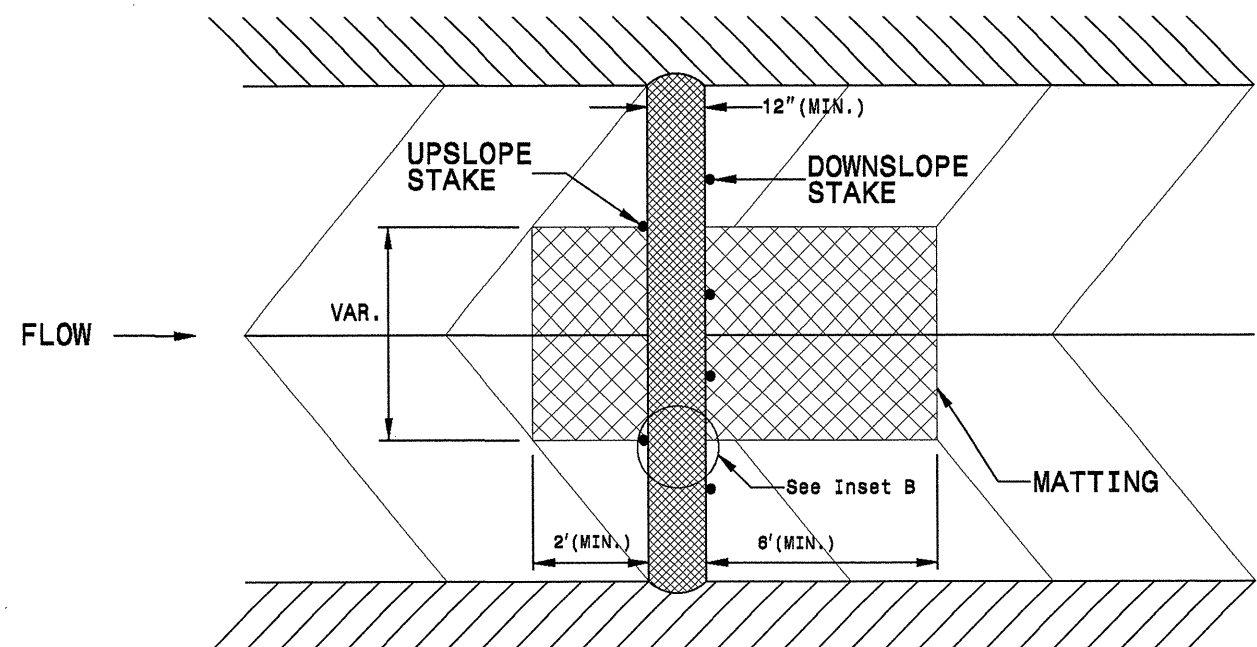
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10041.39 -	11	11
10CR.20041.37		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	FINAL WIDTH FT	BORROW CY	STABILIZER AGGREGATE TONS	INCIDENTAL STONE BASE TONS	SHOULDER CONSTRUCTION SMI	SHOULDER RECONSTRUCTION SMI	DITCHING LF	1 1/2" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0C TONS	INTERMEDIATE COURSE, I19.0C 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	PATCHING EXISTING PAVEMENT TONS	6" DRIVEWAYS SY	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLYACRYLAMIDE (PAM) LB	SEED & MULCHING AC		
10CR.10041.39	Anson	1	US 74	FROM THE PAVEMENT JOINT AT PARK ST TO THE PAVEMENT JOINT AT SR-1726 (MORVEN FREIGHT LINE RD). MILEPOST 12.7-14.5	3, 4	NO	1.55	60	60	100	40	1.20			34,000								5,000	350	318	600	15	15	20	12	6	40	0		
10CR.10041.40	Anson	2	US 74 EB	FROM THE PAVEMENT JOINT AT THE EAST CITY LIMITS OF PEACHLAND TO THE WEST CITY LIMITS OF POLKTON. MILEPOST 22.5-20.5	5, 6, 7	YES	2.28	28	300	600	75	4.60		150		75	3,500	5,900					3,475		642	500	1	1	300	70	35	200	1	2.8	
10CR.10041.41	Anson	3	HWY 52	FROM THE PAVEMENT JOINT AT HWY 742 TO THE PAVEMENT JOINT AT SR-1641 (BROWN CREEK CH RD). MILEPOST 15-15.8	3	NO	0.8	24	80	32	52	1.60											1,500	300	108	160	54		5	50	16	8	75	0	
10CR.10041.42	Anson	4	HWY 742	FROM THE PAVEMENT JOINT AT SR-1456 (OLIVE BRANCH RD) TO THE PAVEMENT JOINT AT THE UNION COUNTY LINE. MILEPOST 26.1-30	3	NO	3.87	24	375	271	250	7.70				150								6,900		407	1,500		250	78	39	350	1		
10CR.20041.36	Anson	5	SR-1002 (MITCHUM RD)	FROM THE PAVEMENT JOINT AT THE UNION COUNTY LINE TO HWY 742. MILEPOST 5.2-0	1	YES	5.22	20.5	1,400	150	340	10.40											6,100	300	855	800	170		300	104	52	400	1		
10CR.20041.37	Anson	6	SR-1621 (PLANK RD)	FROM THE PAVEMENT JOINT AT SR-1619 (LITTLE CREEK RD) TO THE CONCRETE BRIDGE AT THE STANLY COUNTY LINE. MILEPOST 4.4-0	2	NO	4.3	21	420	175	240	8.60				75							5,000	2,000		430	920	18	300	85	43	350	1	2.80	
GRAND TOTAL							18.02		2,635	1,328	997	4.60	29.50	150	34,000	425	3,500	15,800	5,000	2,000	22,975	950	2,760	4,480	242	16	21	1,220	366	183	1,415	4			

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	FINAL WIDTH	4589000000-N	4685000000-E	4686000000-E		4695000000-E		4710000000-E	4721000000-E				4725000000-E				4810000000-E		4820000000-E	4835000000-E	4900000000-N		5255000000-N	
							TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 90 M WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	24" X 120 M YELLOW THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO MSG ONLY 120 M EA	THERMO MSG STOP 120 M EA	THERMO MSG AHEAD 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	8" WHITE PAINT LF	24" WHITE PAINT LF	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA
10CR.10041.39	Anson	1	US 74	FROM THE PAVEMENT JOINT AT PARK ST TO THE PAVEMENT JOINT AT SR-1726 (MORVEN FREIGHT LINE RD). MILEPOST 12.7-14.5	1.55	60	1	6,350		4,500	20,500		200						45	4		6,500	18,000				450	460	1
10CR.10041.40	Anson	2	US 74 EB	FROM THE PAVEMENT JOINT AT THE EAST CITY LIMITS OF PEACHLAND TO THE WEST CITY LIMITS OF POLKTON. MILEPOST 22.5-20.5	2.28	28	*	12,200	12,200	4,650		110	110	6					6			4,650							280
10CR.10041.41	Anson	3	HWY 52	FROM THE PAVEMENT JOINT AT HWY 742 TO THE PAVEMENT JOINT AT SR-1641 (BROWN CREEK CH RD). MILEPOST 15-15.8	0.8	24		8,448		400	9,050		80	250	12	8						1,000	6,000						95
10CR.10041.42	Anson	4	HWY 742	FROM THE PAVEMENT JOINT AT SR-1456 (OLIVE BRANCH RD) TO THE PAVEMENT JOINT AT THE UNION COUNTY LINE. MILEPOST 26.1-30	3.87	24		41,000			38,500																		260
10CR.20041.36	Anson	5	SR-1002 (MITCHUM RD)	FROM THE PAVEMENT JOINT AT THE UNION COUNTY LINE TO HWY 742. MILEPOST 5.2-0	5.22	20.5								8	10							111,000	156,500	80	30			690	
10CR.20041.37	Anson	6	SR-1621 (PLANK RD)	FROM THE PAVEMENT JOINT AT SR-1619 (LITTLE CREEK RD) TO THE CONCRETE BRIDGE AT THE STANLY COUNTY LINE. MILEPOST 4.4-0	4.3	21																90,900	76,600					568	740
GRAND TOTAL					18.02		1	67,998	12,200	9,550	68,050	110	80	560	18	8	8	10	55	4	7	2	214,950	278,100	80	30	2,063	740	1
							80,198	12,200	9,550	68,050	110	80	560	18	8	8	10	55	4	7	2	214,950	278,100	80	30	2,063	740	1	