

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10041.44 - IOCR.10041.48 IOCR.20041.38	I	
F.A. PRO	JECT NO.		(



ENLARGED MUNICIPAL AND SUBURBAN AREAS

ANSON COUNTY

NORTH CAROLINA

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

MAP #1 NC 145 2.5 MILES

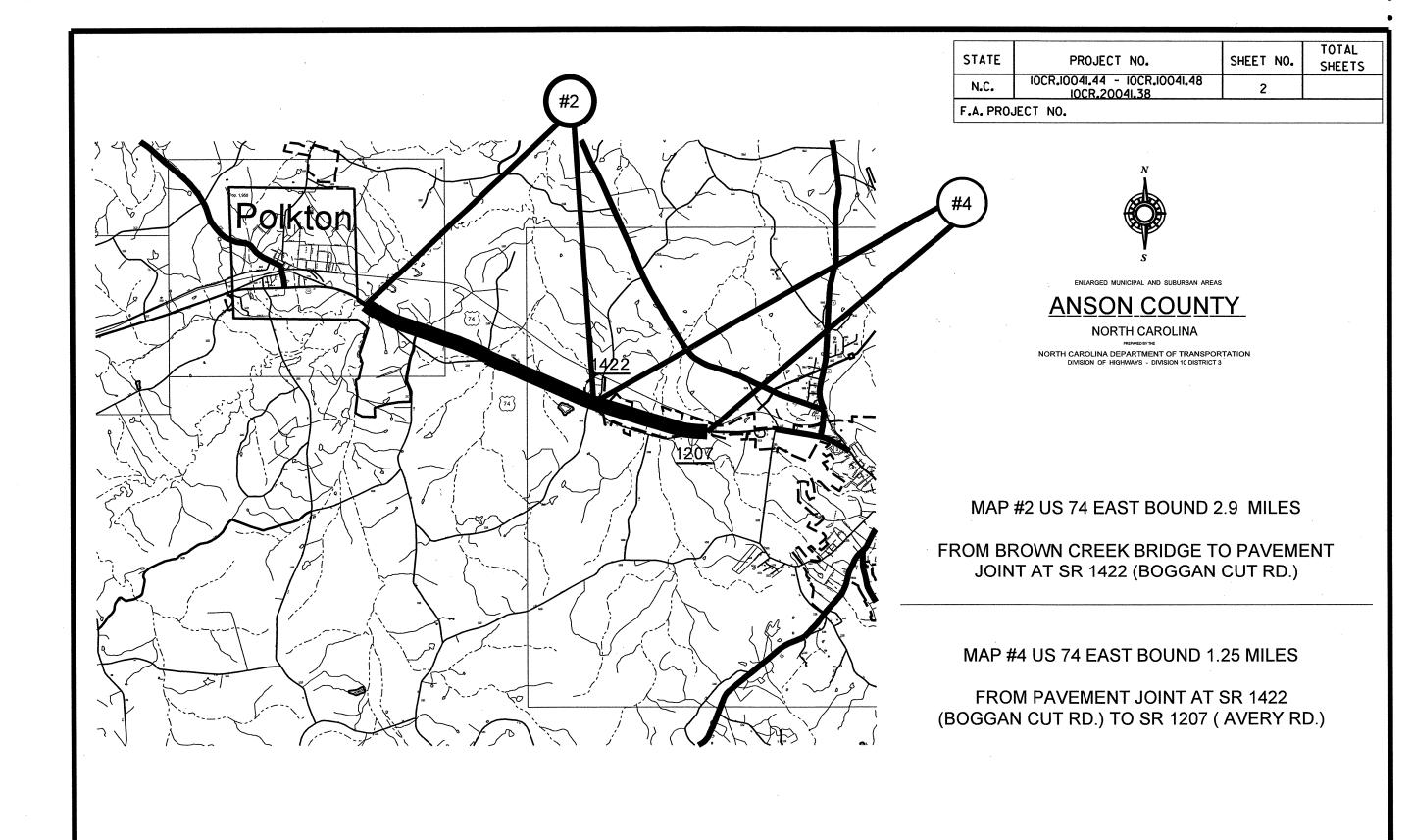
FROM PAVEMENT JOINT EAST OF CITY LIMITS TO PAVEMENT JOINT AT SR 1825 (SHILOH CHURCH RD.)

MAP #3 US 74 EAST BOUND 2.65 MILES

FROM PAVEMENT JOINT EAST OF SR 1740 (APPLE ORCHARD RD.)
TO SR 1846 (GRAVEL PLANT RD.)

MAP #5 US 74 WEST BOUND 1.7 MILES

FROM PAVEMENT JOINT WEST OF SR 1730 (VINTAGE ROAD) TO SR 1846 (GRAVEL PLANT RD.)





STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10041.44 - IOCR.10041.48 IOCR.20041.38	3	

F.A. PROJECT NO.



MI ADOED MUNICIDAL AND CURREDAN ADEAC

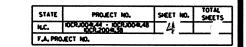
ANSON COUNTY

NORTH CAROLINA

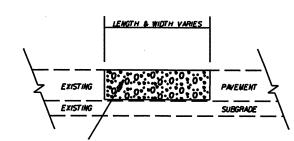
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #6 SR-1621 (PLANK RD.) 1.1 MILES

FROM US 52 TO PAVEMENT JOINT AT SR 1619 (RANDALL RD.)



PATCHING DETAIL



RATE IS VARIABLE AND SHALL BE AS DIRECTED BY THE ENGINEER. ASPHALT TYPE 1190C SHALL BE PLACED.

PAVEMENT SCHEDULE

<u>a</u>	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AYERAGE RATE OF 168 LBS. PER SO. YD.
(2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SO. YD.
<u>e</u>	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE 119.0C, AT AN AVERAGE RATE OF 285 LBS. PER SO. YD.
© 2	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 285 LBS. PER SO. YD.
EI	PROP. APPROX. 8.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SO. YD. IN EACH OF TWO LIFTS.
(EXISTING PAVEMENT
(1)	SHOULDER RECONSTRUCTION
(s)	MILLING OF EXISTING PAVEMENT, 1.5" IN DEPTH
(2)	MILLING OF EXISTING PAVEMENT, 2.5" IN DEPTH

NOTES:

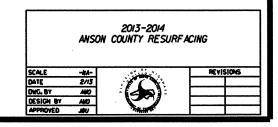
!: LEVELING COURSE TO BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER. 2: ON MAP 2.4 MILL AROUND CON.ISLANDS ON -Y- LINES (SR 1422 AND SR 1249) and replace with 2.5 of 119.0C and 1.5 of S9.5C.

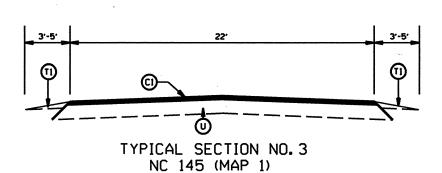
3: ON MAP 2, RESURFACE THE OFF RAMP AND GORE AREA AT BROWN CREEK BRIDGE. (SEE TYPICAL * 7)

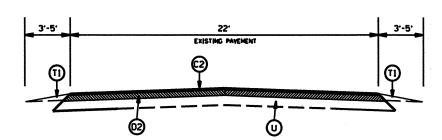
4:0" - 1.5" PROFILE MILL AROUND CON. ISLANDS ON MAP 3 & 4.

5: DO NOT RESURFACE ANY CONCRETE BRIDGES.

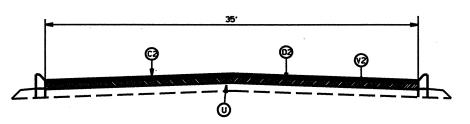
6: ON MAP 6. DO NOT RESURFACE AT RXR.



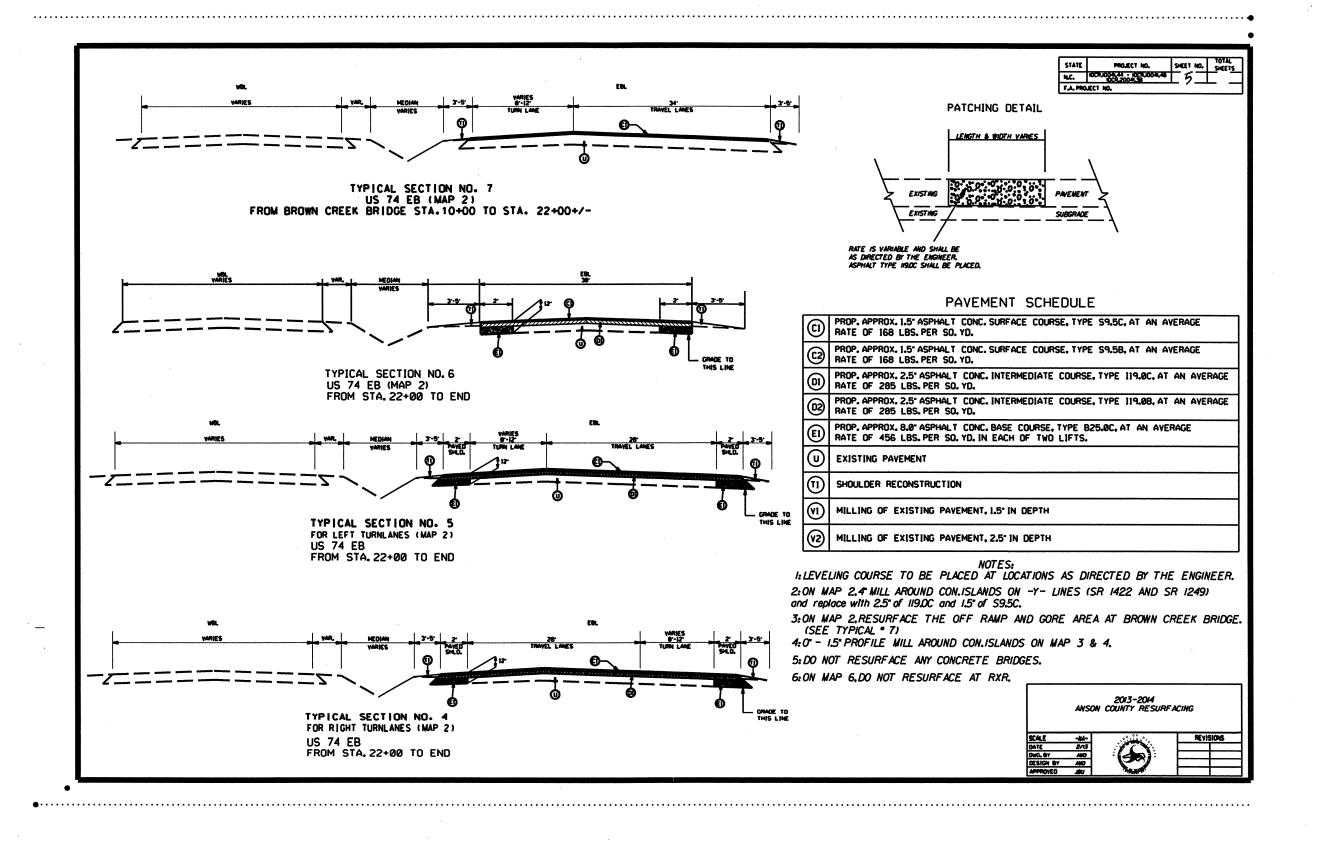


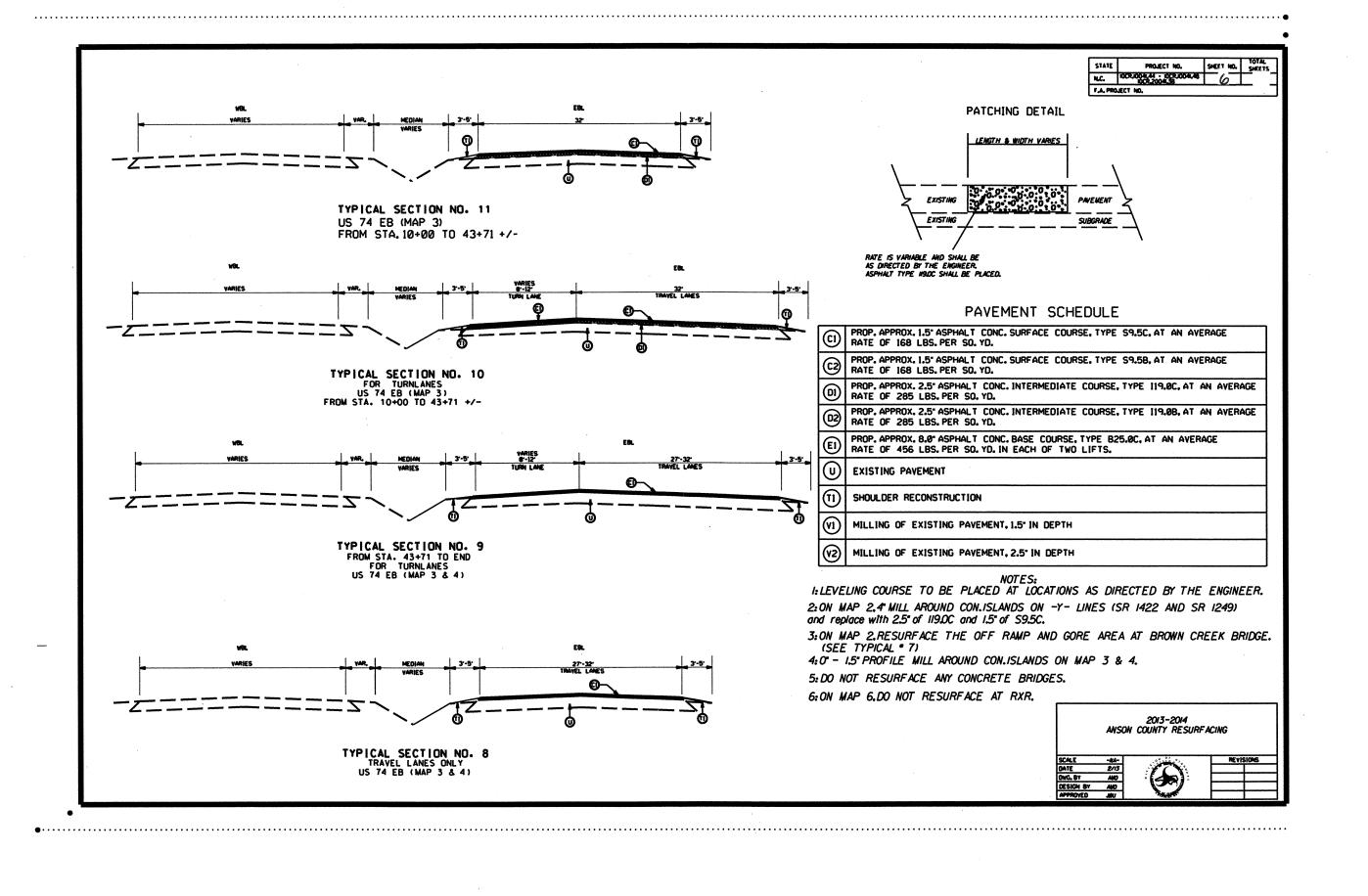


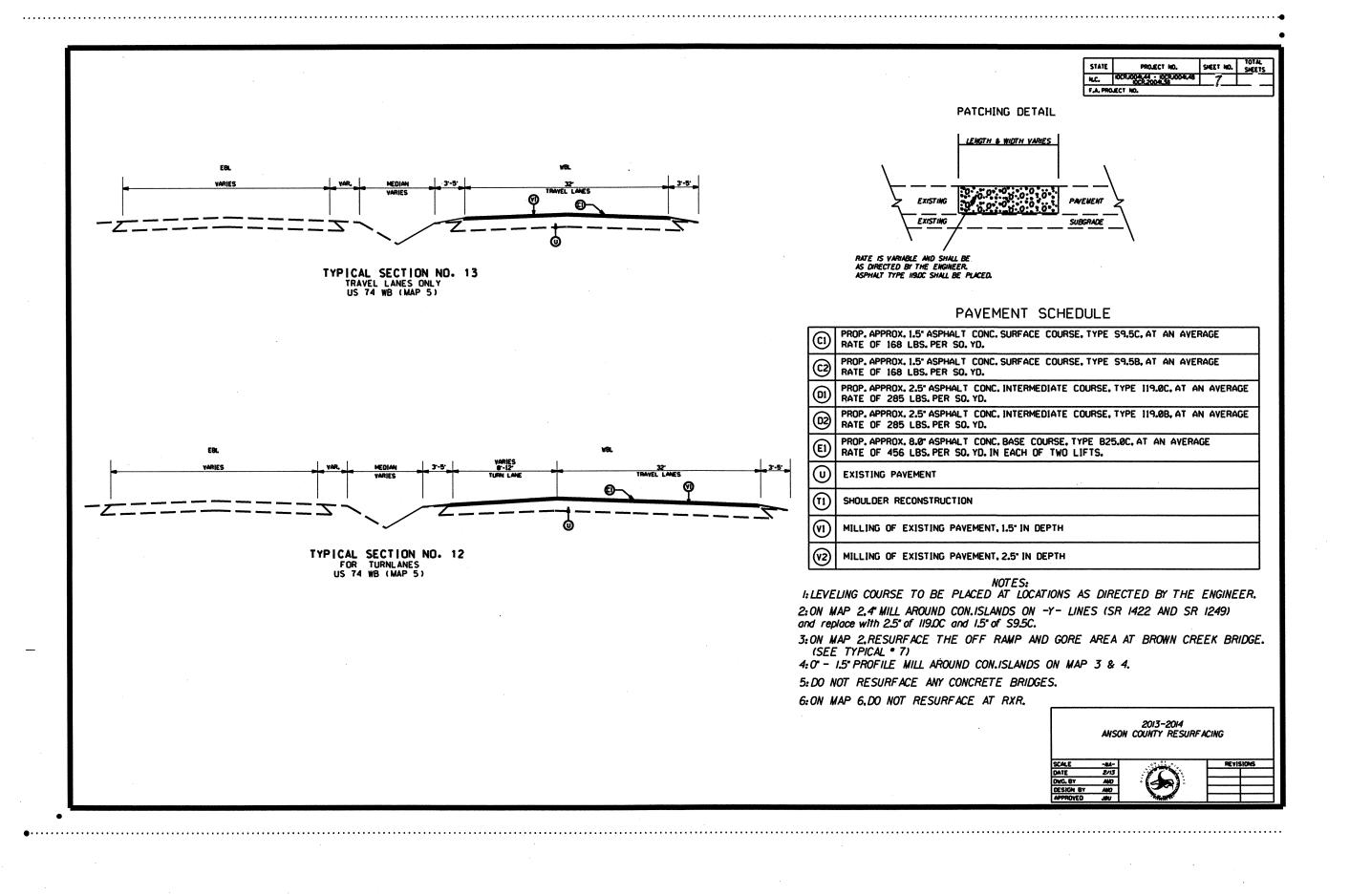
TYPICAL SECTION NO. 2 SR 1621 PLANK RD. (MAP 6)



TYPICAL SECTION NO. 1 SR 1621 PLANK RD. (MAP 6)



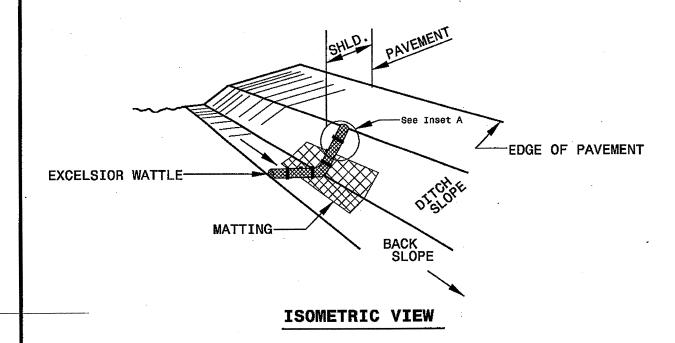


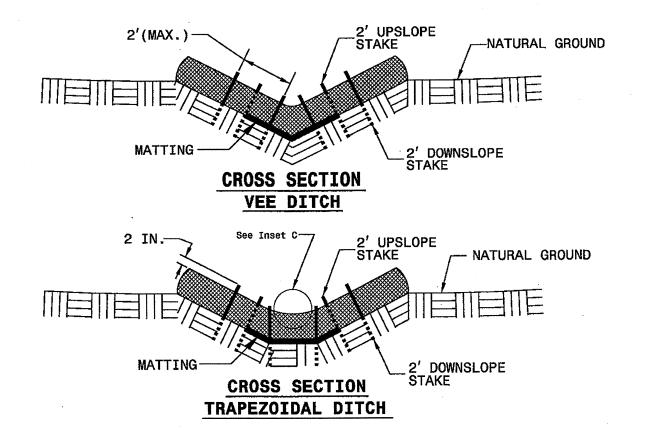


PROJECT REFERENCE NO. SHEET NO. 10CR.10041.44 - 10CR10041.48 10CR.20041.38 8 NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP. EROSION CONTROL DETAIL < 5' - 10' Undisturbed buffer add BMP BMP Options: Wattle or Silt Fence E0P Pipe/Culvert < 5' - 10' Undisturbed buffer from < 5' - 10' Undisturbed buffer from jurisdictional feature add BMP ditchline, add BMP Undisturbed Area Disturbed Area E0P EOP Jurisdictional Feature Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed Disturbed Area Disturbed Area E0P E0P < 5' - 10' Undisturbed buffer from inlet, add wattle E0P E0P NOT TO SCALE Wattle Drainage Inlet

Τ	PROJECT REFERENCE NO.	SHEET NO.
Γ	10CR.10041.44 - 10CR10041.48 10CR.20041.38	200 1 9

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.

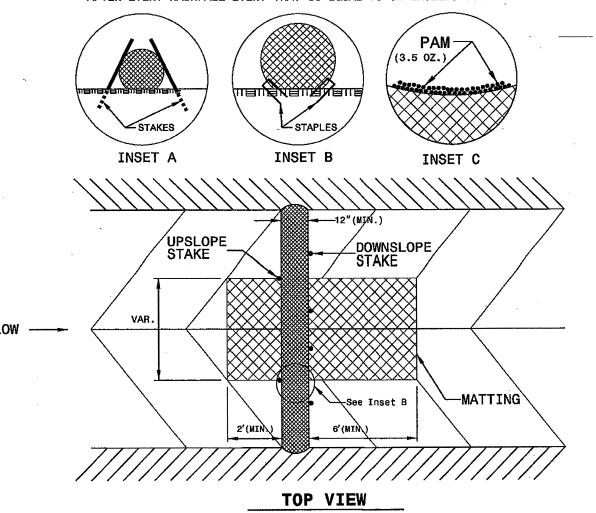
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

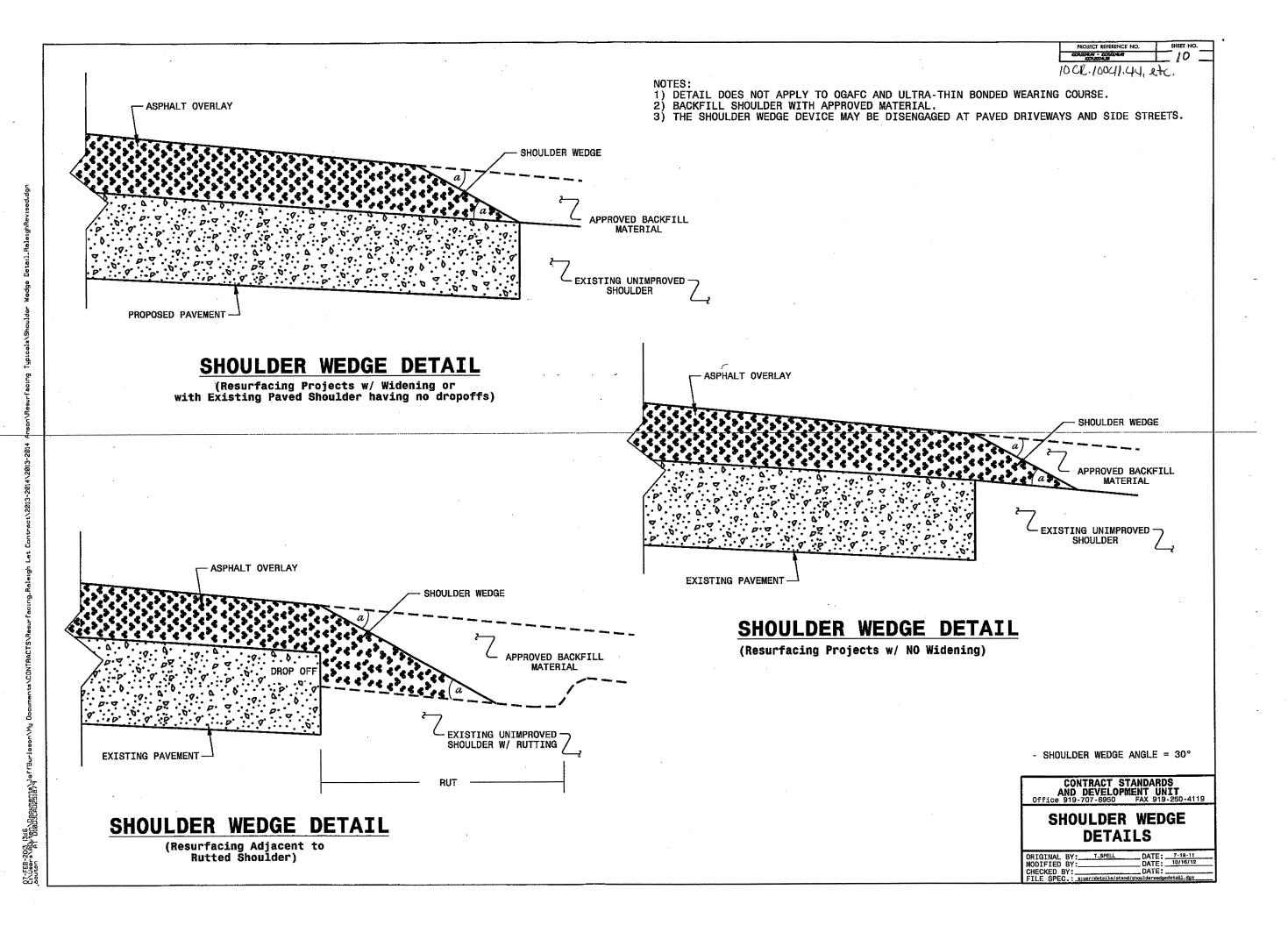
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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.





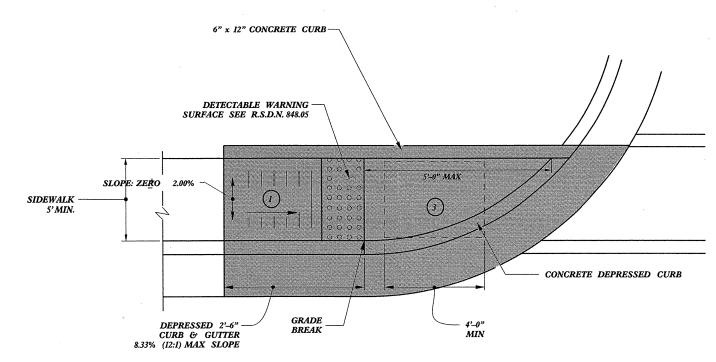
10CR-10041.44, etc



PAY LIMITS FOR CURB RAMP

NON-WALK SURFACE - 6" x 12" CONCRETE CURB DETECTABLE WARNING SURFACE SEE R.S.D.N. 848.05 LANDING WIDTH 5' MIN. 2'-6" CURB & GUTTER -SIDEWALK WIDTH

TYPE 1A



- (1) 8.33% (12:1) MAX RAMP SLOPE
- (2) CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

TYPE 1

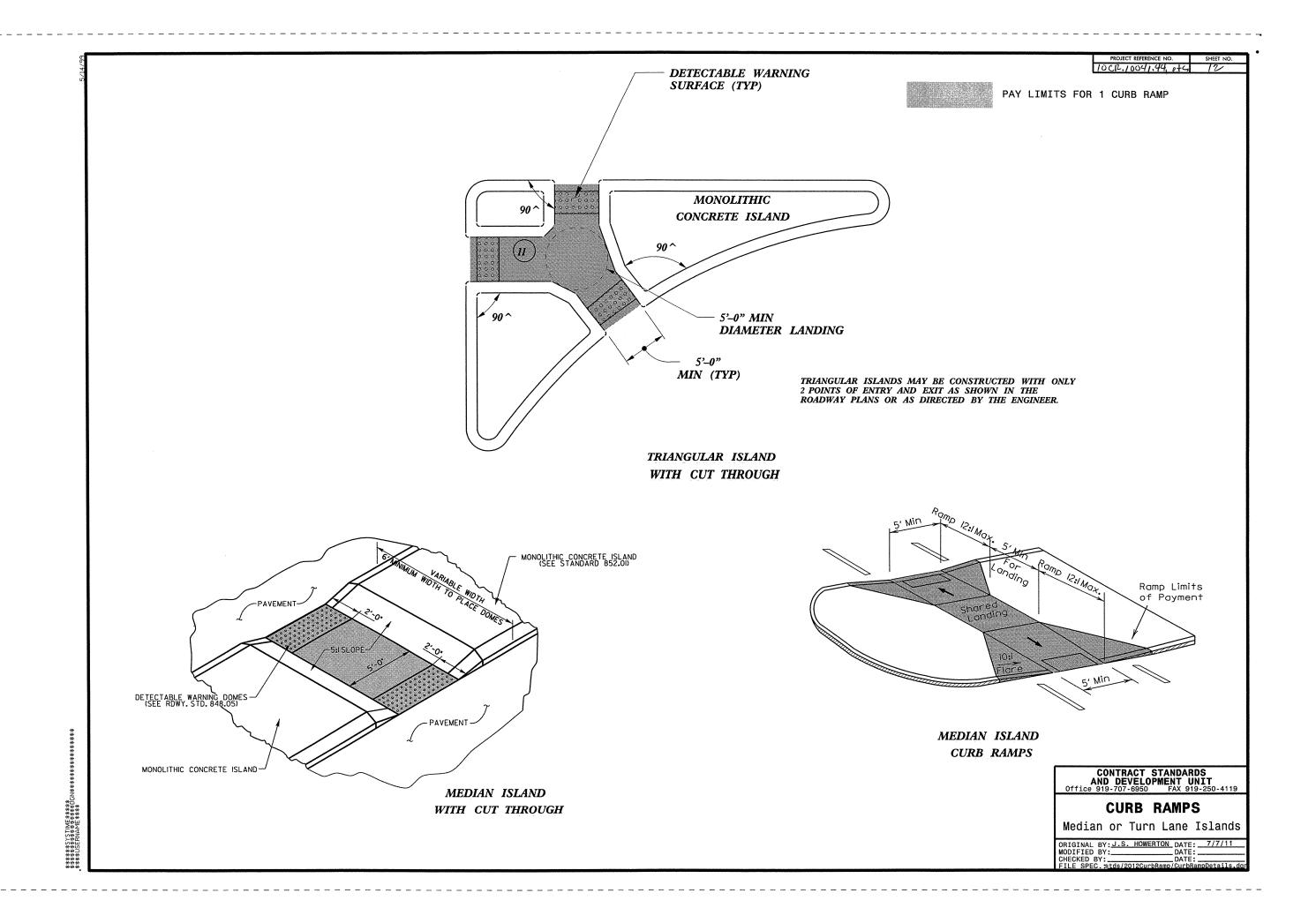
CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

CURB RAMPS

Directional Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE: DATE: FILE SPEC. stds/2012CurbRamp/CurbRampDetails do

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

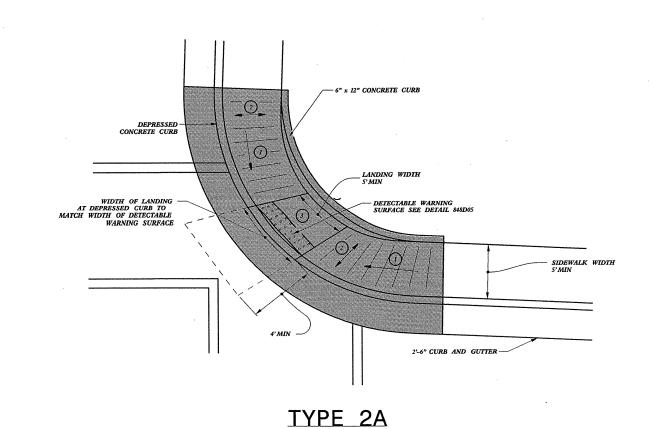


PROJECT REFERENCE NO. SHEET NO. 1000-10041-44, 8+C4 13



PAY LIMITS FOR CURB RAMP

- 1) 8.33% (12:1) MAX RAMP SLOPE
- (2) CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



2'-6" CURB AND GUTTER

- NON-WALK SURFACE

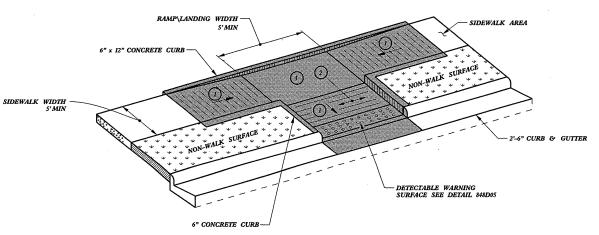
DETECTABLE WARNING SURFACE SEE DETAIL 848D05

LANDING WIDTH

TYPE 2

--- 6" x 12" CONCRETE CURB

- SIDEWALK WIDTH 5'MIN



TYPE 3

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

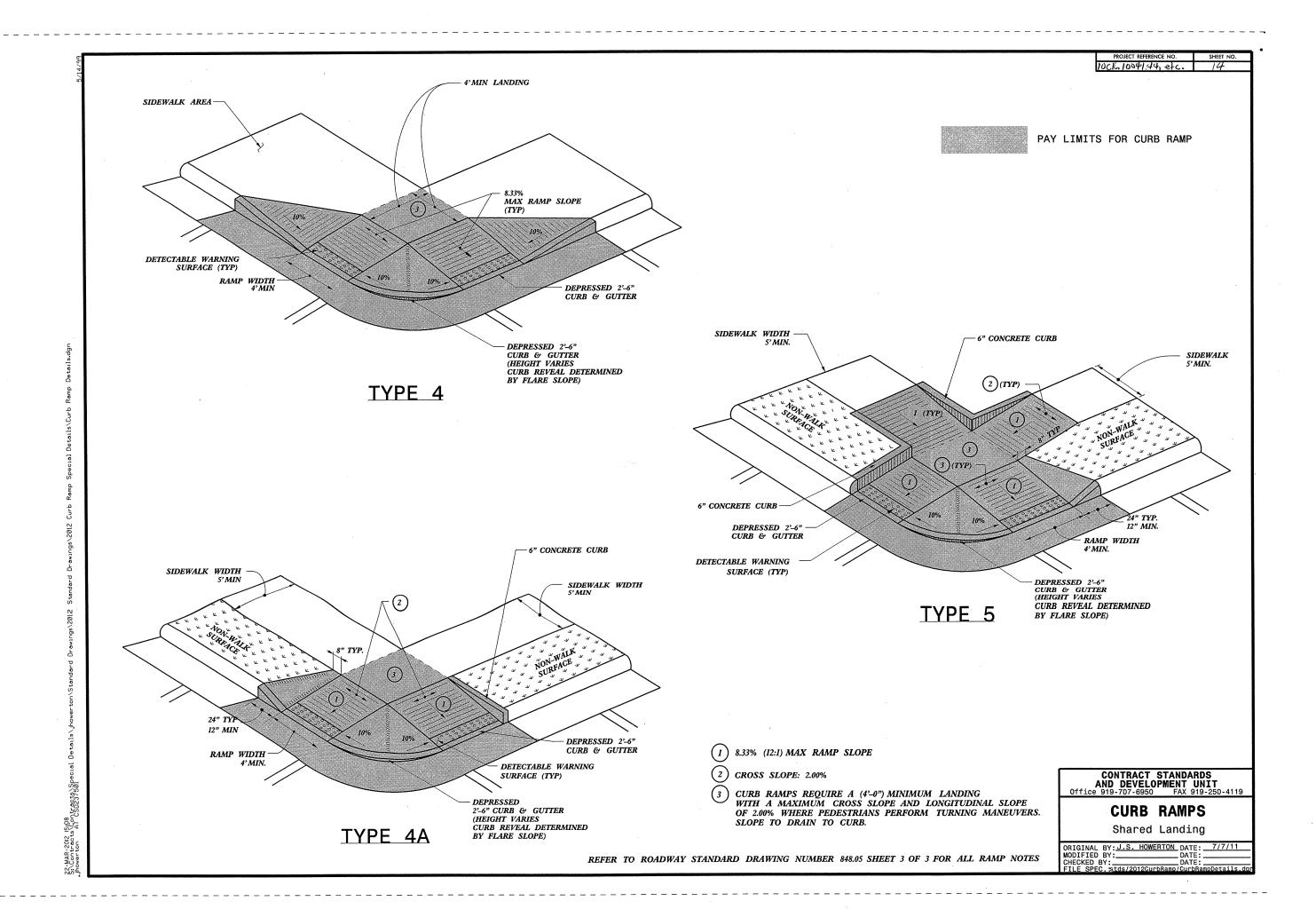
CURB RAMPS

Parallel Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE: CHECKED BY: DATE: FILE SPEC. stds/2012CurbRamp/CurbRampDetails.d

2-MAR-2012 15:07 :\Contracts\Contracts\Speci

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES



PROJECT NO.	SHEET NO.	TOTAL NO.
OCR.10041.44-10CR.10041.4	15	
10CR.20041.38		

SUMMARY OF QUANTITIES

	COUNTY		ROUTE	DESCRIPTION	ТҮР	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BORROW	INCIDENTAL STONE BASE TONS	RECONSTRUCTI ON	4" MILLING	1½" MILLING		O" TO 1.5" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	I19.0B	TE COURSE, I19.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C
NO 10CR.10041.44	Anson	NO 1	NC 145	FROM PAVEMENT JOINT EAST OF CITY LIMITS TO PAVEMENT JOINT AT SR 1825 SHILOH CHURCH ROAD MILEPOST 5.35 TO 7.85	NO 3	NO	NO	MI 2.5	22	CY 460	100	SMI 5.00	SY	SY	SY	SY	SY 20	TONS	TONS	TONS	TONS	3,115
10CR.10041.45	Anson	2	US 74 E	BROWN CREEK BRIDGE TO PAVEMENT JOINT AT SR1422 (BOGGAN CUT ROAD) FROM MILEPOST 6.7 TO 9.6	4,5,6,7	YES	NO	2.9	28-34	1,500	360	5.80	880		*		61	4,220		7,920	-	5,310
10CR.10041.46	Anson	3	US 74 E	FROM PAVEMENT JOINT EAST OF SR 1740 TO SR 1846 (GRAVEL PLANT ROAD) FROM MILEPOST 19.45 TO 22.1	8,9,10,11	NO	NO	2.5	32	780	332	5.30	610		·	200	436			2,300		5,188
10CR.10041.47	Anson	4	US 74	FROM PAVEMENT JOINT AT SR 1422 (BOGGAN CUT) TO SR 1207 (AVERY ROAD) FROM MILEPOST 9.62 TO 10.87	8,9	NO	NO	1.25	27	230	157	2.50				286	310					1,900
10CR.10041.48	Anson	5	US 74 W	FROM SR 1730 (VINTAGE ROAD TO SR 1846 (GRAVEL PLANT ROAD) FROM MILEPOST 3.5 TO 1.8	12,13	NO	NO	1.7	32		105			34,015								3,215
10CR.20041.38	Anson	6 ND TOTA	SR 1621 (PLANK ROAD)	FROM US 52 TO PAVEMENT JOINT AT SR 1619 (RANDALL ROAD) FROM MILEPOST 5.5 TO 4.4	1,2	YES	NO	1.1 11.95	22-35	240 3,210	22 1,076	1.00 19.60	1,490	34,015	13,700 13,700	486	32 859	4,220	3,015 3,015	10,220	1,910 1,910	18,728

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	ТҮР	FINAL SURFACE	WARM MIX ASPHALT	LENGTH	WIDTH	LEVELING COURSE.	ASPHALT BINDER FOR	PATCHING EXISTING	8"X 12" CONCRETE	2'-6" CURB & GUTTER	6" DRIVEWAYS	RETROFIT EXISTING	ADJ. OF CATCH BASIN	TEMPORARY SILT FENCE	STONE FOR EROSION	SEDIMENT CONTROL	WATTLE	POLYACRYI
NO		NO			NO	TESTING REQUIRED	REQUIRED	MI	FT	S9.5C	PLANT MIX TONS	PAVEMENT	CURB	LF	SY	CURB RAMPS	EA	LF	CONTROL, CLASS B TN	STONE	,	MIDE (PAN
NU	<u> </u>	NO			NO	<u> </u>		IVII	FI	IONS	1003	IUNS	Lr Lr	<u> </u>	31	EA	tA .	Lr	IN	IN	LF	LB
10CR.10041.44	Anson	1	NC 145	FROM PAVEMENT JOINT EAST OF CITY LIMITS TO PAVEMENT JOINT AT SR 1825 SHILOH CHURCH ROAD MILEPOST 5.35 TO 7.85	3	NO	NO	2.5	22	1,300	260	1,035						375	50	25	375	1.0
	_		,	BROWN CREEK BRIDGE TO PAVEMENT JOINT AT SR1422 (BOGGAN CUT ROAD) FROM MILEPOST			-											: 				
10CR.10041.45	Anson	2	US 74 E	6.7 TO 9.6	4,5,6,7	YES	NO	2.9	30-34	85	884	700	ļ		36			435	88	44	435	1.1
10CR.10041.46	Anson	3	US 74 E	FROM PAVEMENT JOINT EAST OF SR 1740 TO SR 1846 (GRAVEL PLANT ROAD) FROM MILEPOST 19.45 TO 22.1	8,9,10,11	NO	NO	2.5	32	840	466	1,166						400	53	27	400	1.0
10CR.10041.47	Anson	4	US 74	FROM PAVEMENT JOINT AT SR 1422 (BOGGAN CUT) TO SR 1207 (AVERY ROAD) FROM MILEPOST 9.62 TO 10.87	8,9	NO	NO	1.25	27	482	141	482						188	25	13	188	0.5
		-	UC 74 W	FROM SR 1730 (VINTAGE ROAD TO SR 1846 (GRAVEL PLANT ROAD) FROM MILEPOST 3.5 TO	,		NO	1.7	32		190	710										
10CR.10041.48	Anson	5	US 74 W	1.8	12,13	NO	NO	1./	32	 	190	/10	<u> </u>	 		ļ						+
10CR.20041.38	Anson	6	SR 1621 (PLANK ROAD)	FROM US 52 TO PAVEMENT JOINT AT SR 1619 (RANDALL ROAD) FROM MILEPOST 5.5 TO 4.4	1,2	YES	NO	1.1	22-35		259	485	850	850		3	3	70	9	5	70	0.5
	GPAI	ND TOT	'Al			T		11.95		2,707	2,200	4.578	850	850	36	2	2	1.468	225	114	1.468	4.10

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10041.44, 10CR.10041.45	16	
10CR.10041.46, ETC.		

THERMOPLASTIC AND PAINT QUANTITIES

							4589000000-N	468500	00000-E	468600	0000-E	4695000000-E	4705000000-E	4710000000-E	4721000000-E		4725000000-E		481000	0000-E		00000-N
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	LENGTH	WIDTH	GENERIC	4" X 90 M	4" X 90 M	4" X 120 M	4" X 120 M	8" X 90 M	16" X 120 M	24" X 120 M	THERMO RXR	THERMO LT	THERMO RT	THERMO STR	4" YELLOW	4" WHITE	YELLOW &	CRYSTAL &
	l						TRAFFIC	WHITE	YELLOW	YELLOW	WHITE	WHITE	WHITE	WHITE	120 M	ARROW 90	ARROW 90	ARROW 90 M	PAINT	PAINT	YELLOW	RED MARKERS
							CONTROL	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO	THERMO		М	M				MARKERS	
NO		NO				ļ	LS	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	EA	EA
1																						
				FROM PAVEMENT JOINT EAST OF CITY LIMITS TO						1												
		1.1		PAVEMENT JOINT AT SR 1825 SHILOH CHURCH		1 22		27.000		19,325			İ						19,325		167	
10CR.10041.44	Anson	1 1	NC 145	ROAD MILEPOST 5.35 TO 7.85	2.5	22	 	27,000		19,323	<u> </u>	 	<u> </u>	 			 	l	15,525		107	
				DROWN CREEK BRIDGE TO BANGA AFAIT IOIAIT AT																		
				BROWN CREEK BRIDGE TO PAVEMENT JOINT AT					l				1									
				SR1422 (BOGGAN CUT ROAD) FROM MILEPOST				45 700	15,400	340	4,900	280		65		10	1 ,	20		4,900		253
10CR.10041.45	Anson	2	US 74 E	6.7 TO 9.6	2.9	30	1 1	15,700	15,400	340	4,900	200	-	- 63	İ	10	 	- 20		4,900		233
	1																					
	ŀ			FROM PAVEMENT JOINT EAST OF SR 1740 TO SR																	1	ļ.
				1846 (GRAVEL PLANT ROAD) FROM MILEPOST		1	-	14.600	14,000		6,950			40		20	2	28		4,600		373
10CR.10041.46	Anson	3	US 74 E	19.45 TO 22.1	2.5	32	1 1	14,600	14,000		6,930	 		40		20	+	20		4,000	 	1-3/3
				FROM A DAVIES ASSAUT JOINT AT CD 4 422 / POCCAN							1											
				FROM PAVEMENT JOINT AT SR 1422 (BOGGAN										1								
	1			CUT) TO SR 1207 (AVERY ROAD) FROM MILEPOST	4.05	1	,	C 000	6,800		2,100			20		1	1	16		2,100		110
10CR.10041.47	Anson	4	US 74	9.62 TO 10.87	1.25	27	1	6,800	6,800	-	2,100		 	20	 		+	10		2,100		110
				5001400 4700 (WASTAGE BOAR TO SDAGAS		1																
				FROM SR 1730 (VINTAGE ROAD TO SR 1846		1																
	1.	١ ـ		(GRAVEL PLANT ROAD) FROM MILEPOST 3.5 TO	1 7	32		9,500	9,500		3,500					10		16		3,400	1	175
10CR.10041.48	Anson	5	US 74 W	1.8	1.7	32	1	9,300	9,500		3,300	 	 	 	 	 	 	 		3,100		1
														1.								
														1							1	
				FROM US 52 TO PAVEMENT JOINT AT SR 1619	١					11.500			100	00					11,600		73	
10CR.20041.38	Anson	6	SR 1621 (PLANK ROAD)	(RANDALL ROAD) FROM MILEPOST 5.5 TO 4.4	1.1	35	ļ	4,600		11,600	1	 	100	90	4	44	 	80	30,925	15,000	240	911
	GRAND TOTAL		ΓAL		11.95		4	78,200	45,700	31,265	17,450	280	100	215	4	44	120	1 80		925		,151
1	0.000.00			1	1	1		123	3,900	48	,715	1	1		1	L	130			3 23	<u> </u>	,131