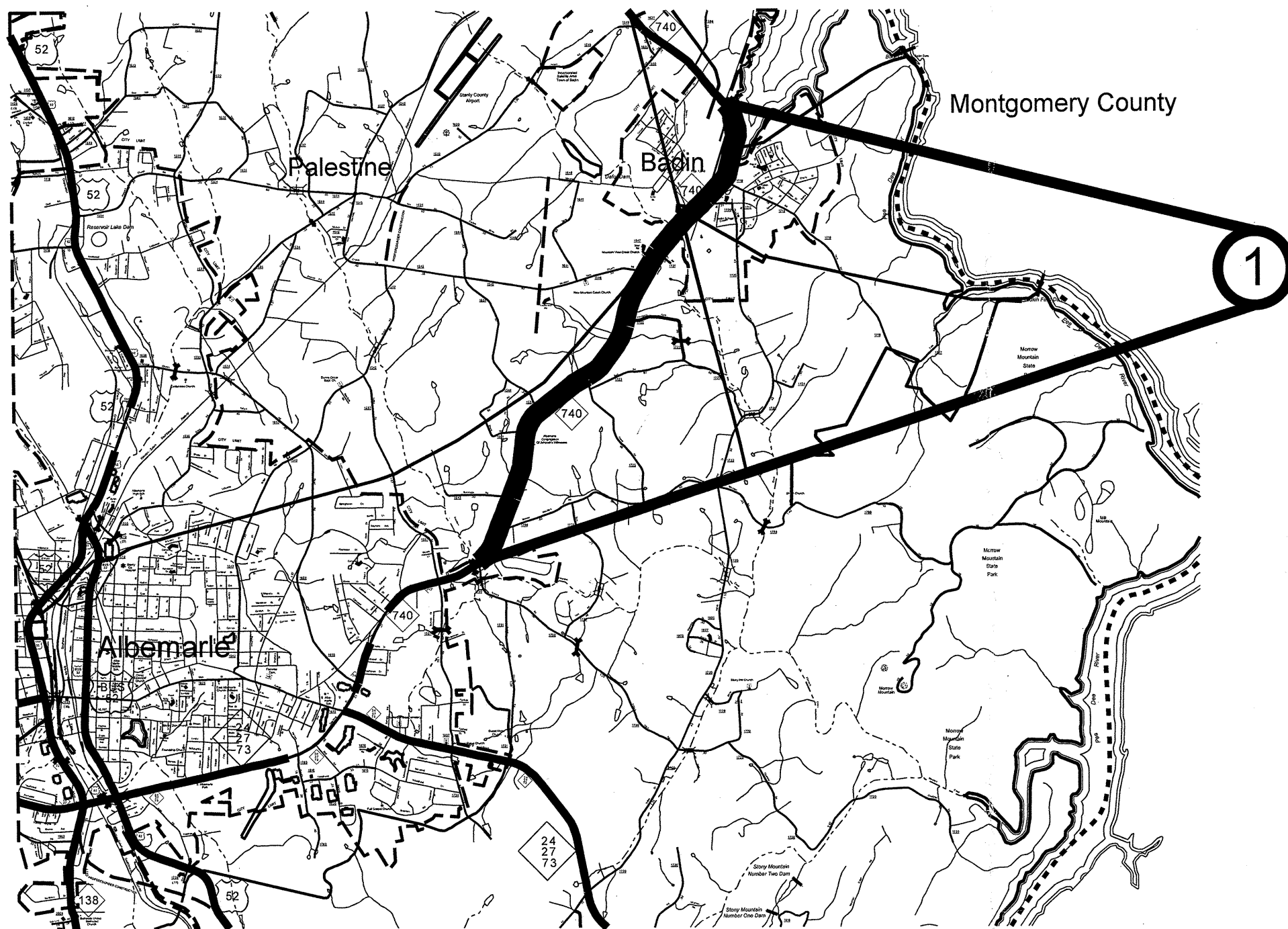


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.I084I.39	I	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

# STANLY COUNTY

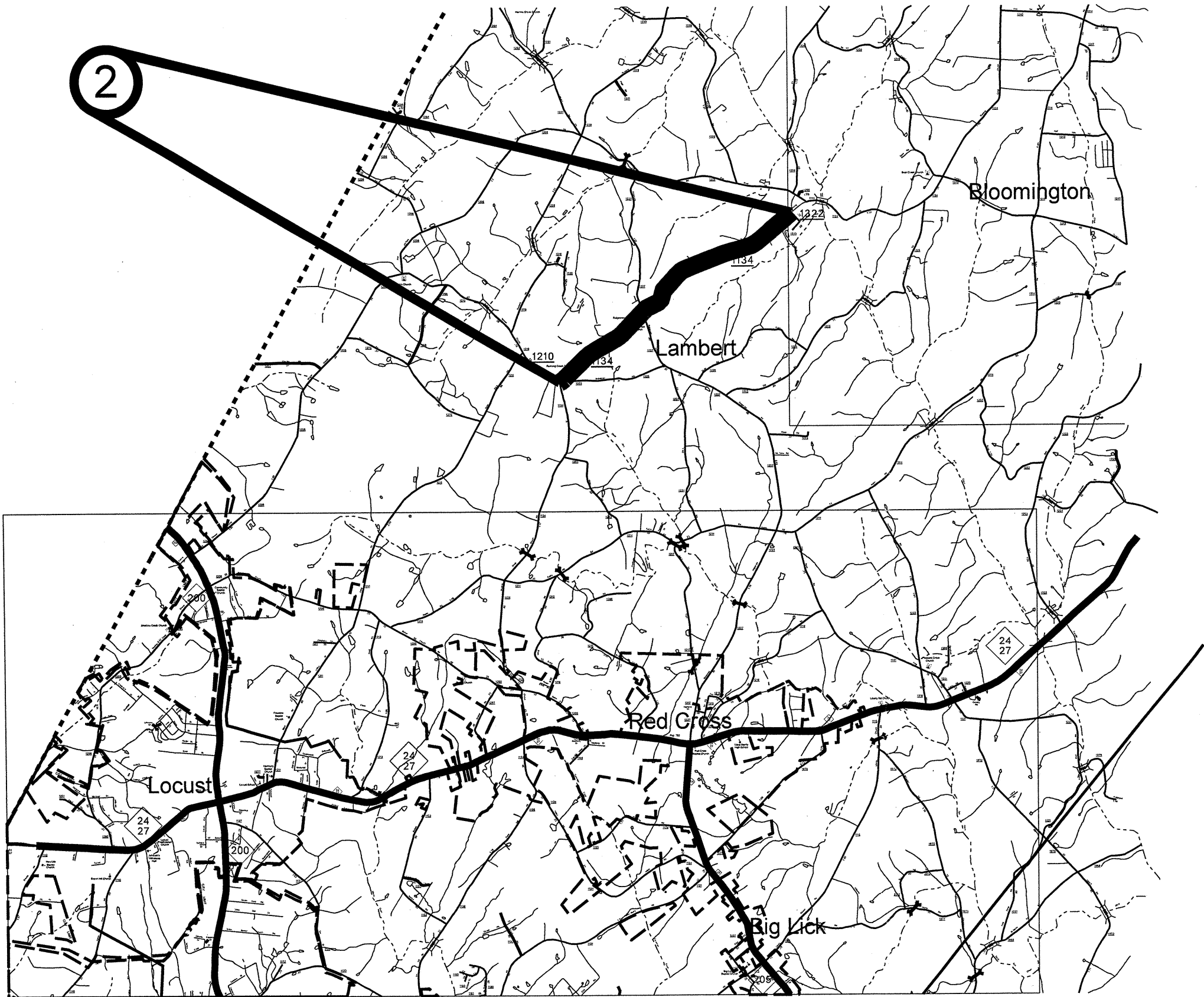
NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #1  
HWY 740  
4.08 MILES

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.20841.48	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

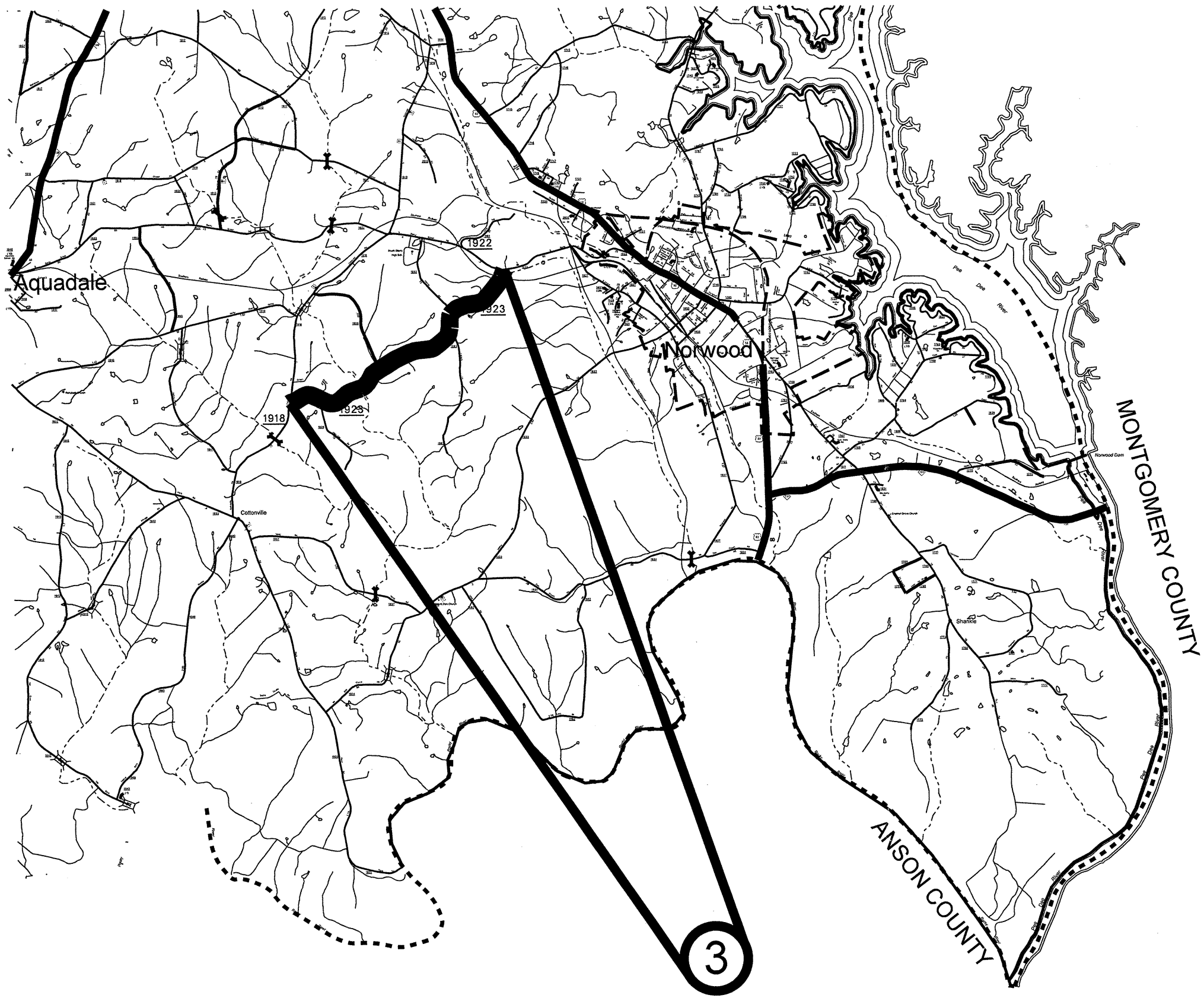
**STANLY COUNTY**

NORTH CAROLINA

PREPARED BY THE  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #2 SR-1134 (MILLINGPORT RD)  
2.45 MILES

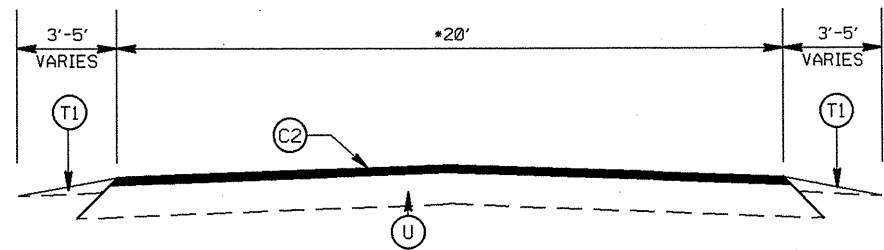
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.2084I.47	3	
F.A. PROJECT NO.			



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

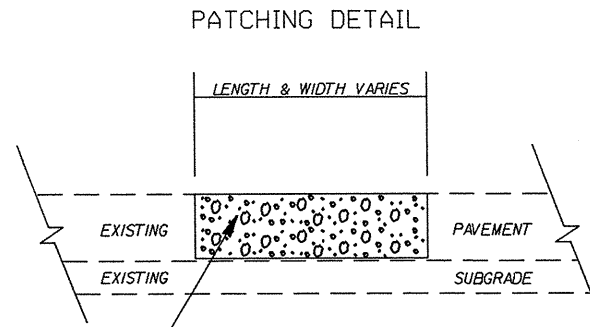
MAP #3  
 SR-1923(OLD COTTONVILLE RD)  
 2.33 MILES

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.10841.39-10CR.20841.48	4	
F.A. PROJECT NO.			

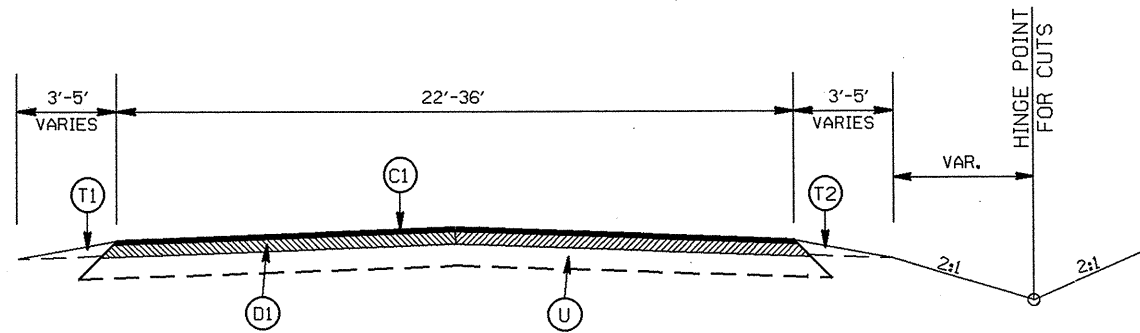


\*WIDENED FROM EXISTING PAVEMENT BY STATE FORCES

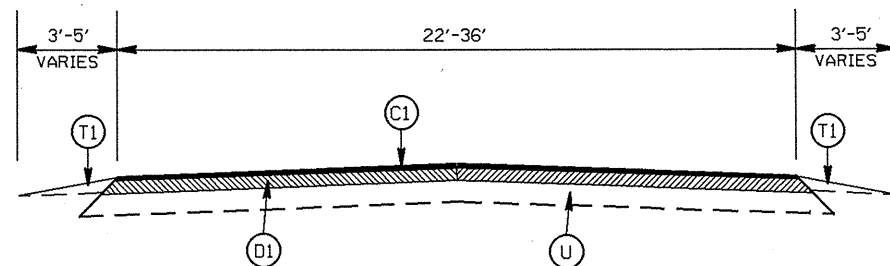
TYPICAL SECTION NO. 3  
SR-1134  
SR-1923



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



TYPICAL SECTION NO. 2  
HWY 740  
(DITCHING SECTIONS)



TYPICAL SECTION NO. 1  
HWY 740

PAVEMENT SCHEDULE

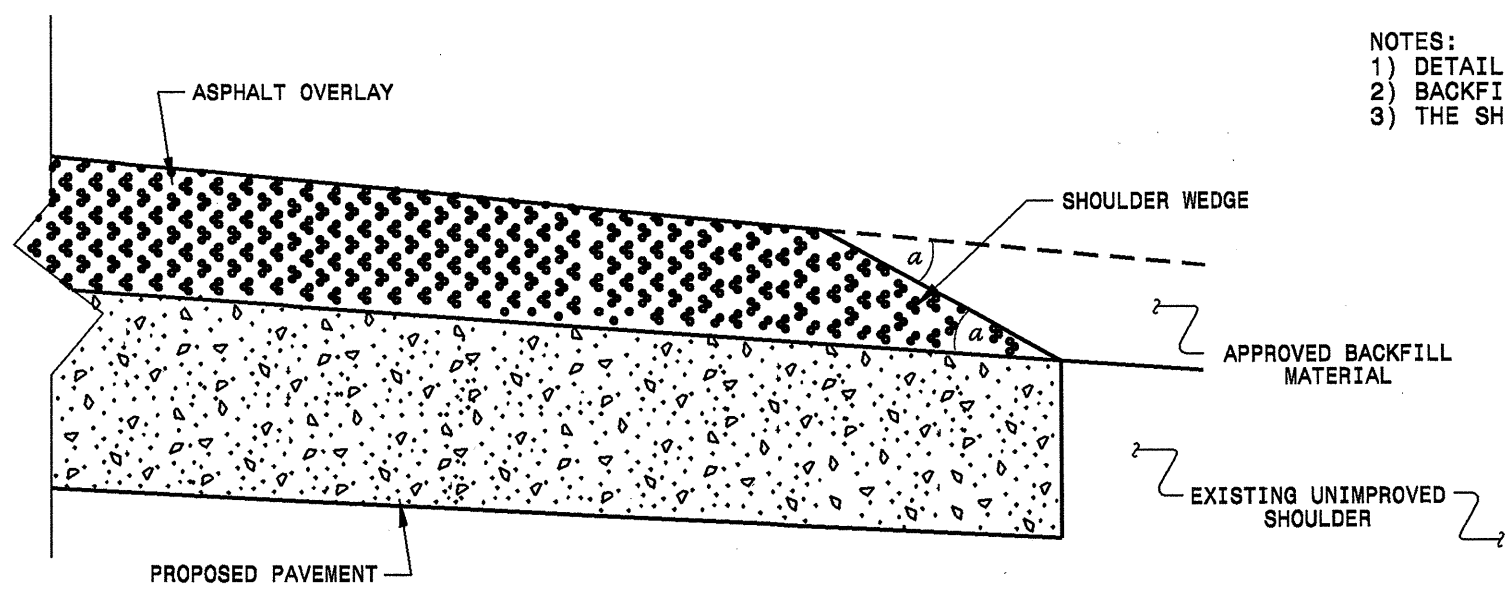
(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(T2)	SHOULDER CONSTRUCTION
(U)	EXISTING PAVEMENT

NOTES: 1: ON MAP #1, PROFILE MILLING WILL BE NEEDED AT LOCATIONS AS DIRECTED BY THE ENGINEER.  
2: ON MAP #3, M111/F111.5" AT THE ONE LANE BRIDGE AND AT THE OVERHEAD RXR BRIDGE.

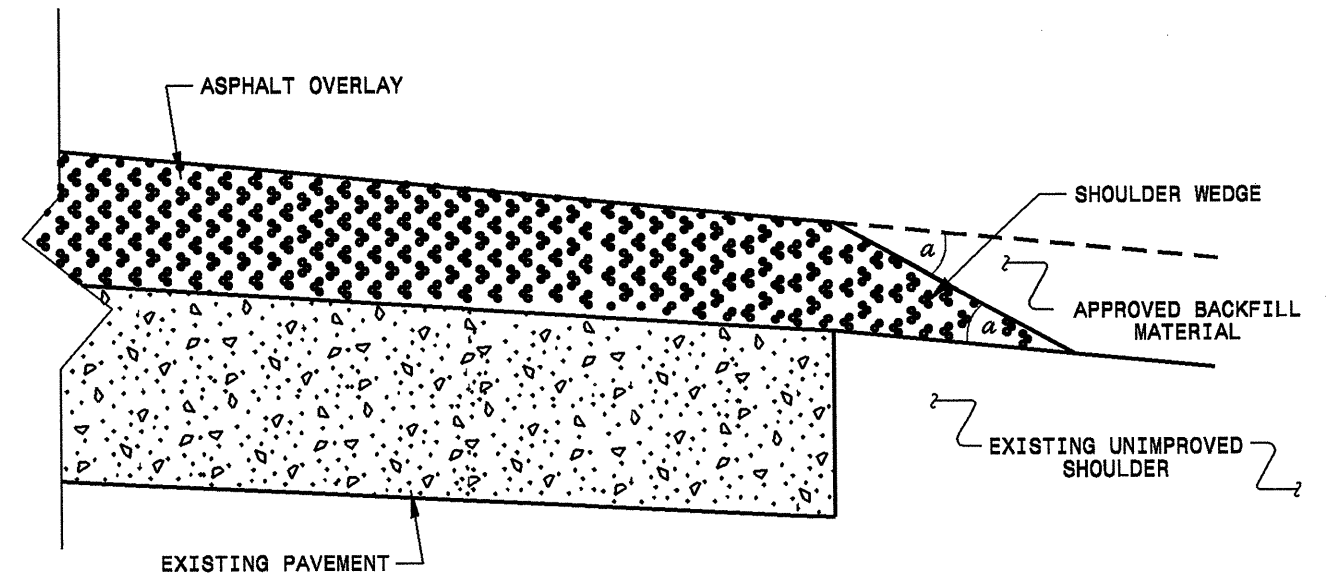
2013-2014 STANLY COUNTY  
RESURFACING

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

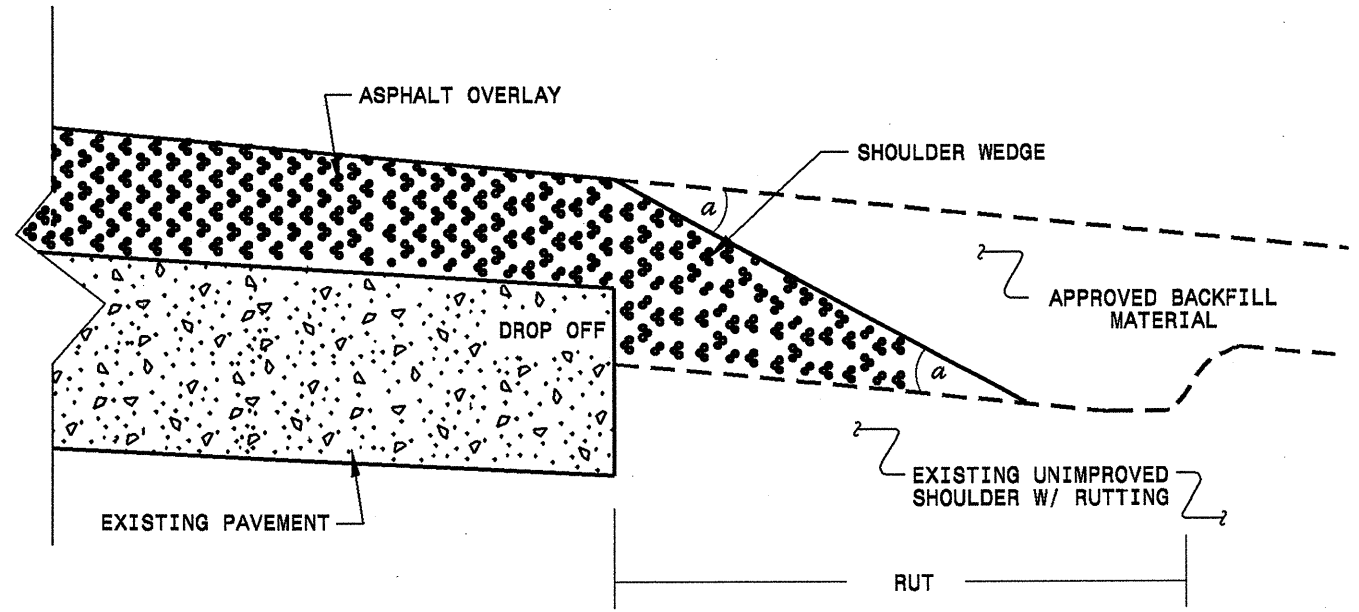
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

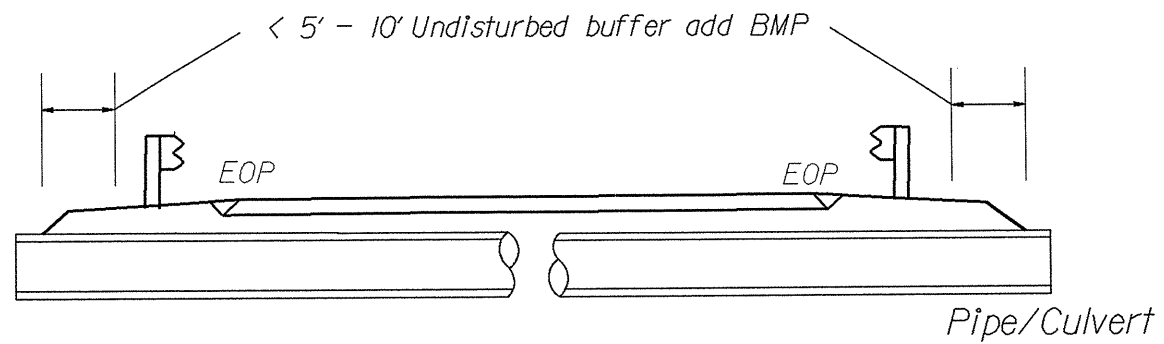
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>SHOULDER WEDGE DETAILS</b>	
ORIGINAL BY: T. SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 10/18/12
CHECKED BY:	DATE:
FILE SPEC.: s:\user\details\stand\shoulderwedgedetail.dgn	

I4:\DEC-2012\13137  
 P:\porter\11\105D268688  
 msc\REVISED Shoulder Wedge Detail.dgn

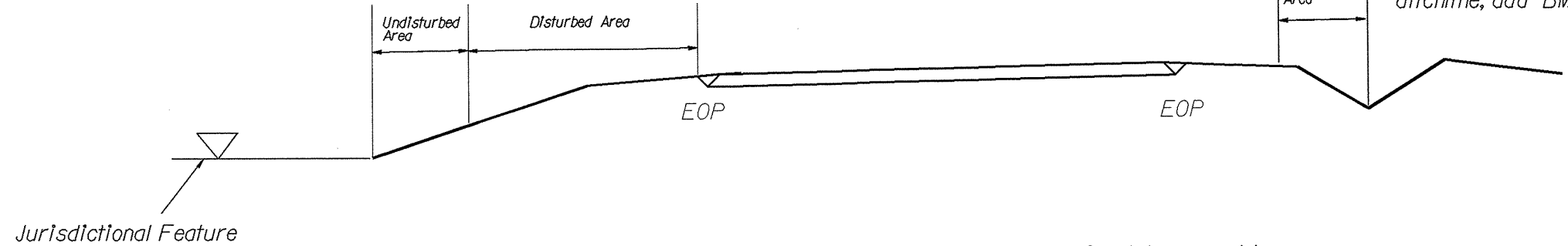
# EROSION CONTROL DETAIL

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

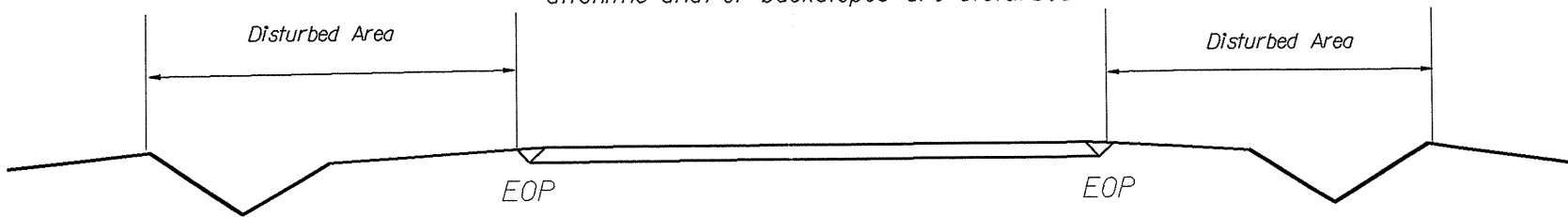
BMP Options: Wattle or Silt Fence



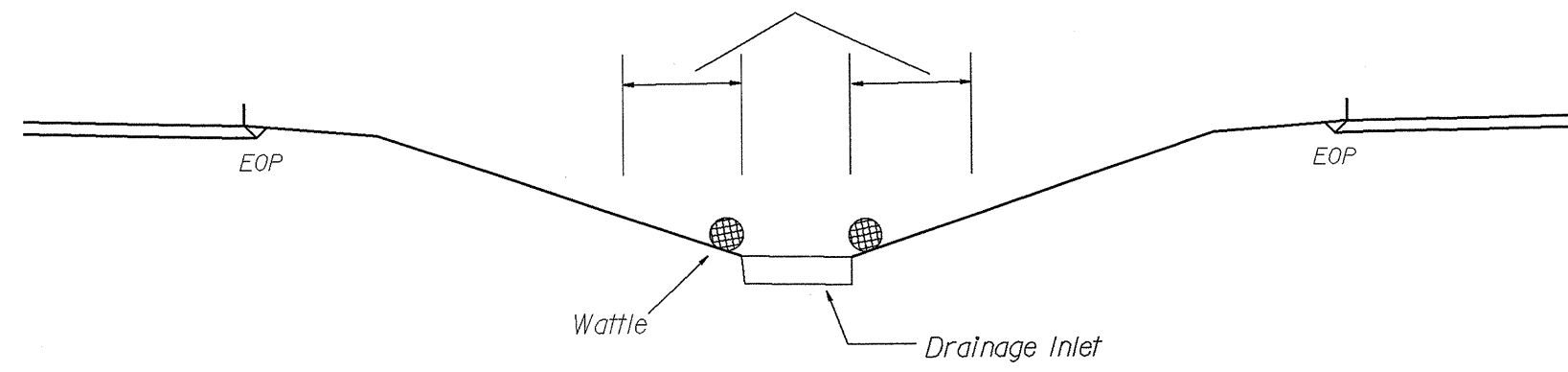
< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP



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

# WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

**NOTES:**

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

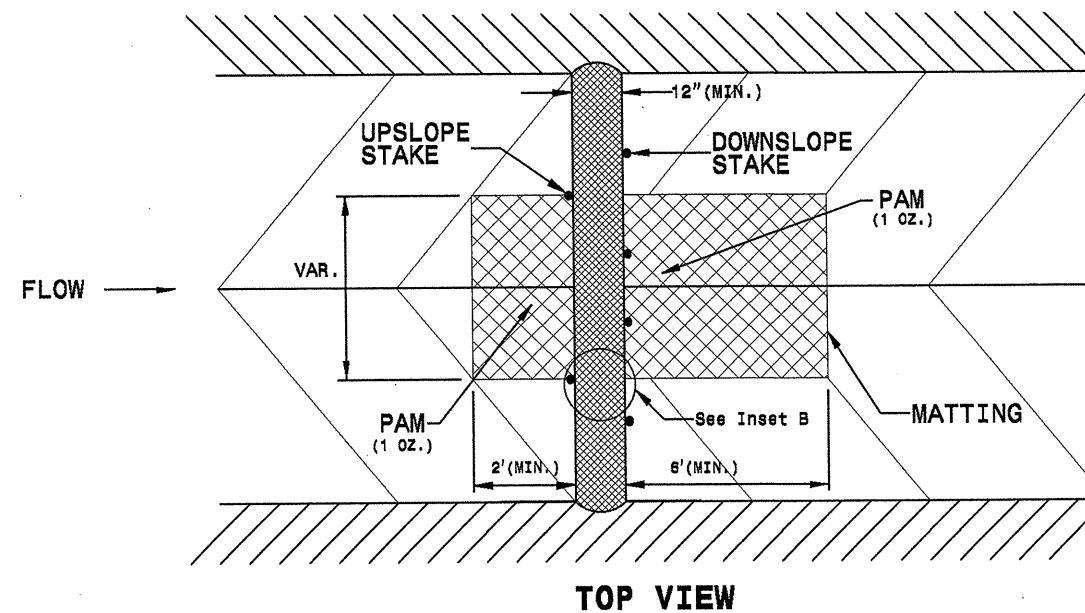
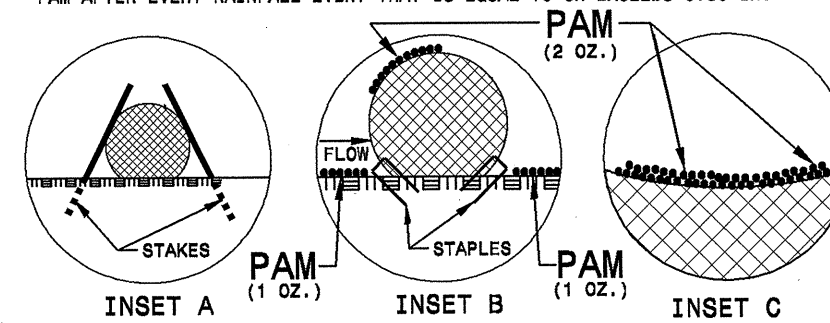
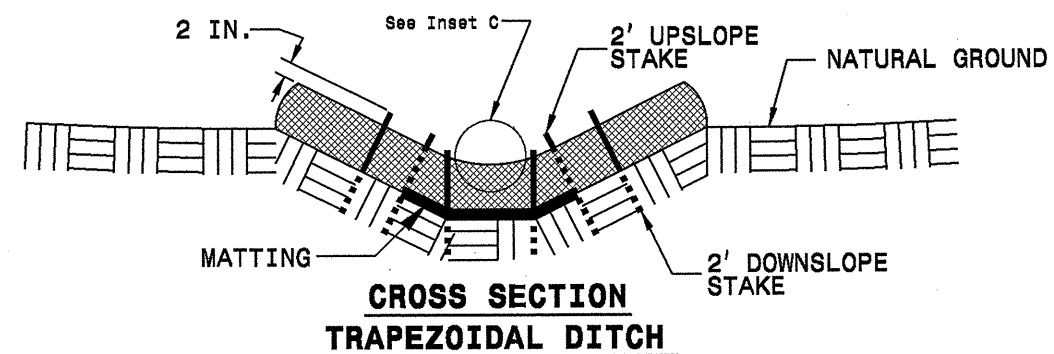
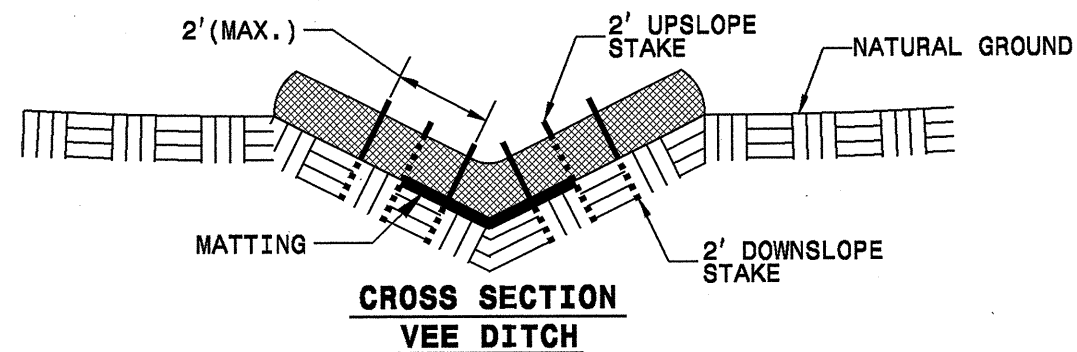
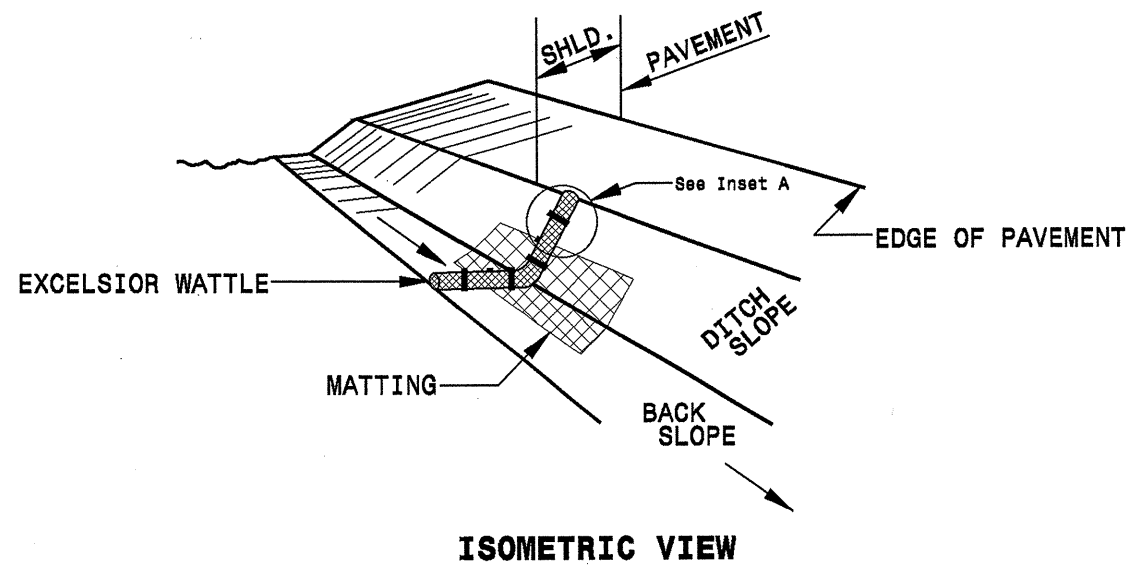
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PROJECT NO. 10CR.10841.39- 10CR.20841.48, ETC.	SHEET NO. 8	TOTAL NO.
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### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	AGGREGATE SHOULDER BORROW ALLOWED	LENGTH MI	WIDTH FT	BORROW CY	INCIDENTAL STONE BASE TONS	SHOULDER CONSTRUCTION SMI	SHOULDER RECONSTRUCTION SMI	DITCHING LF	1 1/2" MILLING SY	0" TO 4" MILLING SY	INCIDENTAL MILLING SY	INTER-MEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	6" DRIVEWAYS SY	ADJ. OF MAN-HOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TONS	SEDIMENT CONTROL STONE TONS	WATTLE LF	POLY-ACRYLAMIDE LB	
10CR.10841.39	Stanly	1	HWY 740	FROM THE PAVEMENT JOINT NEAR THE CITY LIMITS OF ALBEMARLE TO THE RXR CROSSING AT BADIN LAKE. MILEPOST 1.55-5.63	1,2	YES	NO	NO	4.08	22	7,500	250	0.40	7.70	2,200		650	50	8,500		5,450	730	600	165	2	4	1,000	90	45	500	2	
10CR.20841.48	Stanly	2	SR-1134 (MILLINGPORT RD)	FROM SR-1210 (MISSION CHURCH RD) TO SR-1322 (BEAR CREEK PL) MILEPOST 5.729-8.179	3	NO	NO	NO	2.45	20	500			4.90				50		2,750		165										
10CR.20841.47	Stanly	3	SR-1923 (OLD COTTONVILLE RD)	FROM THE PAVEMENT JOINT AT SR-1918 (COTTONVILLE RD) TO THE PAVEMENT JOINT AT SR-1922 (SOUTH STANLY SCHOOL RD) MILEPOST 0-2.33	3	NO	NO	NO	2.33	20	500			4.70		742				2,600		156										
<b>GRAND TOTAL</b>									<b>8.86</b>		<b>8,500</b>	<b>250</b>	<b>0.40</b>	<b>17.30</b>	<b>2,200</b>	<b>742</b>	<b>650</b>	<b>100</b>	<b>8,500</b>	<b>5,350</b>	<b>5,450</b>	<b>1,051</b>	<b>600</b>	<b>165</b>	<b>2</b>	<b>4</b>	<b>1,000</b>	<b>90</b>	<b>45</b>	<b>500</b>	<b>2</b>	

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	468500000	468600000-E	469500000	470500000	471000000-E	472100000	472500000	481000000-E	483500000	484000000-E	490000000-N			
							4" X 90 M WHITE THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 90 M YELLOW THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	THERMO LT ARROW 90 M EA	4" YELLOW PAINT LF	4" WHITE PAINT LF	24" WHITE PAINT LF	PAINT MSG SCHOOL EA	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA
10CR.10841.39	Stanly	1	HWY 740	FROM THE PAVEMENT JOINT NEAR THE CITY LIMITS OF ALBEMARLE TO THE RXR CROSSING AT BADIN LAKE. MILEPOST 1.55-5.63	4.08	22	43,200	467	44,000	100	50	195	2	6	87,000		290	50		
10CR.20841.48	Stanly	2	SR-1134 (MILLINGPORT RD)	FROM SR-1210 (MISSION CHURCH RD) TO SR-1322 (BEAR CREEK PL) MILEPOST 5.729-8.179	2.45	18									49,804	52,000	100	12	162	
10CR.20841.47	Stanly	3	SR-1923 (OLD COTTONVILLE RD)	FROM THE PAVEMENT JOINT AT SR-1918 (COTTONVILLE RD) TO THE PAVEMENT JOINT AT SR-1922 (SOUTH STANLY SCHOOL RD) MILEPOST 0-2.33	2.33	16									49,500	49,500	155	50		
<b>GRAND TOTAL</b>					<b>8.86</b>		<b>43,200</b>	<b>467</b>	<b>44,000</b>	<b>100</b>	<b>50</b>	<b>195</b>	<b>2</b>	<b>6</b>	<b>186,304</b>	<b>101,500</b>	<b>100</b>	<b>12</b>	<b>607</b>	<b>50</b>
							<b>44,467</b>						<b>287,804</b>			<b>657</b>				