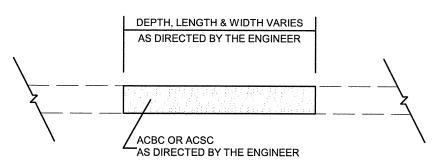
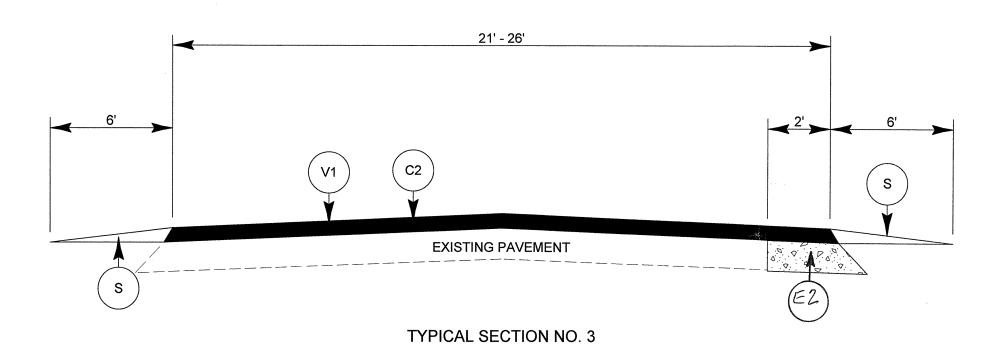
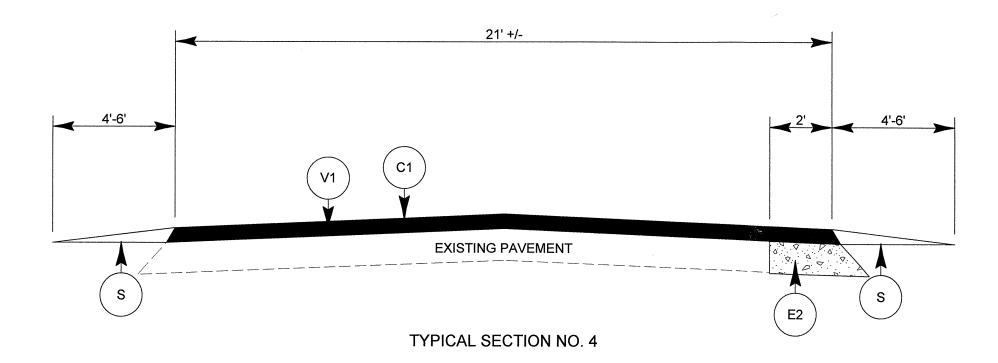


PROJECT NO.	SHEET NO.	TOTAL SHEETS
5C.093056, 5C.093058, 5CR.20931.11.	2	
3011.20331.11,		

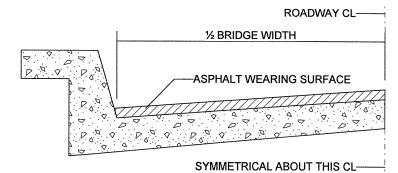


### —PATCHING EXISTING PAVEMENT— PAVEMENT SCHEDULE PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS PER SQ YD PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS PER SQ YD PROP. APPROX. 2.5" OF ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS PER SQ YD PROP. APPROX. 5.5" OF ASPHALT CONCRETE BASE COURSE, TYPE B25.0B AT AN AVERAGE RATE OF 627 LBS PER SQ YD PROP. APPROX. 7" OF ASPHALT CONCRETE BASE COURSE, TYPE B25.0B AT AT AVERAGE RATE OF 399 LBS PER SQ YD IN EACH OF TWO LAYERS TO PROVIDE 2' WIDENING AS DIRECTED BY THE ENGINEER SHOULDER RECONSTRUCTION WITH S | SEEDING AND MULCHING AND BORROW AS DIRECTED BY THE ENGINEER V1 PROP. 1.5" MILLING PROP. 3" MILLING, INCLUDING EXISTING **ASPHALT IN GUTTER**





PROJECT NO.	SHEET NO.	TOTAL SHEETS
5C.093056, 5C.093058, 5CR.20931.11,	3	



BRIDGE HALF TYPICAL SECTION
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN

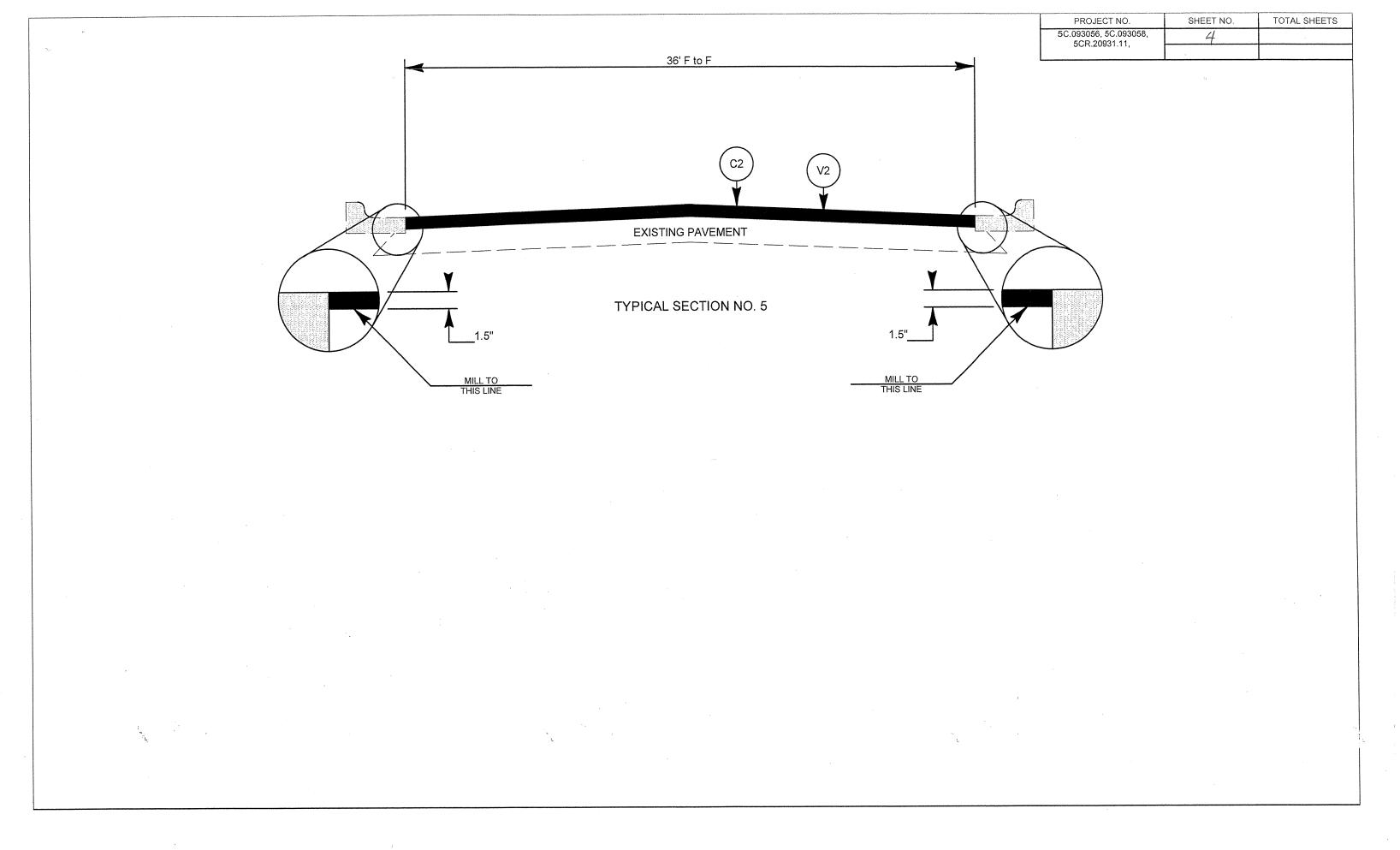
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: \$4.75A ½", \$59.5A 1.0", \$9.5X 1.5", \$12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE A ¾", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C ½". THE MAXIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: \$4.75A 1.0", \$59.5A 1.5",\$9.5X 2.0", \$12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE A ¾", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C ½".

ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE

OF QUANTITIES.

SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE

INDICATED.
BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



PROJECT NO.	SHEET NO.	TOTAL NO.	
5C.093056, 5C.093058	5		
5CR.20931.11.			

### SUMMARY OF QUANTITIES

	T 00:111		T BOUTT	DECEMBER 1	TVD	FINAL SURFACE TESTING	SAFETY WEDGE	LENGTH	WIDTH	BORROW	INCIDENTAL STONE	SHOULDER RECON-	1%" MILLING	3" MILLING	BASE COURSE, B25.0B	INTER-MEDIATE
PROJECT	COUN	TY MAP	ROUTE	DESCRIPTION	TYP	REQUIRED	REQUIRED	LENGIN	WIDIN	BORROW	BASE	STRUCTION	1/2 WILLING	3 WILLING	BASE COURSE, B25.0B	COURSE, 119.0B
NO		NO		1	NO	KEQUIKED	REQUIRED	MI	FT	CY	TONS	SMI	SY	SY	TONS	TONS
	<del> </del>			FROM SR 1500 (MACON EMBRO RD.)												
5C.093056	Warre	en 1	SR 1325 HARRIS TOWN RD.	TO US 158	1	NO	NO	2.8	22	560	34	5.60			3,300	
	TOTA	AL FOR PR	OJ NO. 5C.093056					2.8		560	34	5.60			3,300	
	T			FROM SR 1507 (MARMADUKE RD) TO												
5C.093058	Warr	en 7	SR 1509 (EMBRO-ODELL RD)	SR 1510 (MAT NELSON RD)	2	NO	NO	3.4	21	1,020	41	6.80			3,150	6,330
	TOTA	AL FOR PR	OJ NO. 5C.093058					3.4		1,020	41	6.80		<u> </u>	3,150	6,330
						<b>,</b>	<b>,</b>				<del></del>	·		T	<del></del>	
5CR.20931.11	Warr	en 2	SR 1134 VICKSBORO ROAD	FROM VANCE CO. LINE TO US 401	3	NO	NO	3.5	21	150	42	1.00	43,120		800	
	1			FROM US 158 TO SR 1100 (MANSON					·							
5CR.20931.11	Warr	en 3	SR 1112 AXTELL-RIDGEWAY RD	AXTELL RD)	4	NO	NO	5.4	21	225	65	1.00	66,528		250	
5CR.20931.11	Warr	en 4	SR 1001 MARTIN LUTHER KING	FROM SR 1115 TO US 401	3 & 5	NO	YES	5.45	24	375	65	3.75	67,500	8,448	2,350	
				FROM SR 1507 (MARMADUKE RD) TO												
5CR.20931.11	Warr	en 5	SR 1509 (EMBRO-ODELL ROAD)	SR 1510 (MAT NELSON RD)	2	NO	NO	3.4	21			ļ				
	1			FROM SR 1500 (MACON EMBRO RD.)											1	
5CR.20931.11			SR 1325 HARRIS TOWN RD.	TO US 158	1	NO	NO	2.8	22			ļ			ļ	
	TOTAL	L FOR PRO	J NO. 5CR.20931.11	<u> </u>				20.55	<u></u>	750	172	5.75	177,148	8,448	3,400	
							·		p.,		·	<del></del>		·	· · · · · · · · · · · · · · · · · · ·	
		GRAN	ID TOTAL	<u> </u>		1		26.75	L	2,330	247	18.15	177,148	8,448	9,850	6,330
					·····		Υ				T	T			7	
PROJECT	COUN	ITY MAP	ROUTE	DESCRIPTION	SURFACE COURSE,	SURFACE COURSE,	ASPHALT BINDER FOR	PATCHING EXISTING	ADJUST DROP INLET	ADJUST MANHOLES	ADJUST METER OR	TEMPORARY SILT FENCE	WATTLE	SEED & MULCHING	INDUCTIVE LOOP	LEAD-IN CABLE (14-2
	1	l	·		\$9.5B	SF9.5A	PLANT MIX	PAVEMENT			VALVE BOX					
	1															
										EA		LF	LF		LF	LF
NO		NO			TONS	TON	TON	TONS	EA	EA	EA	<u> </u>	Lr	AC	ļ	Lt
	l	١.		FROM SR 1500 (MACON EMBRO RD.)			145	750				300	60	2.70	1	
5C.093056			SR 1325 HARRIS TOWN RD.	TO US 158		<del></del>	145	750 750				300	60	2.70		
	TOT	AL FOR PR	OJ NO. 5C.093056	L			145	/50	L	L	1	1 300 1		2.70	L.,	
	T	<del></del>	Ι	FROM SR 1507 (MARMADUKE RD) TO		T	T		T	<u> </u>	T	T		1	T T	
FC 0020F0		en 7	SR 1509 (EMBRO-ODELL RD)	SR 1510 (MAT NELSON RD)			417	200				300	200	4.10		
5C.093058			OJ NO. 5C.093058	SK 1510 (MAT NELSON RD)			417	200				300	200	4.10	<del> </del>	
	101	AL FUR PR	(U) NO. 3C.053038	l		J.,,	74/		L	L		11		1	<u> </u>	
5CR.20931.1:	I Warr	en 2	SR 1134 VICKSBORO ROAD	FROM VANCE CO. LINE TO US 401	3,753	T	260	100	Γ		T	T	100	1.00	T	
JCR.20931.1.	vvarr	en Z	SK 1134 VICKSBORO ROAD	FROM US 158 TO SR 1100 (MANSON	3,733		200						230	1		
5CR.20931.13	1 14/	on 2	SR 1112 AXTELL-RIDGEWAY RD	AXTELL RD)		5,687	392	200					100	0.50		
5CR.20931.1:			SR 1001 MARTIN LUTHER KING	FROM SR 1115 TO US 401	6,479	3,007	492	100	1	5	7	400	200	2.70	400	60
JCN.20331.1.	vvarr		SK 1001 WARTIN COTTER KING	FROM SR 1507 (MARMADUKE RD) TO	0,773	<del></del>	† · · · · · · · · · · · · · · · · · · ·							T	1	
5CR.20931.1	Warr	ren 5	SR 1509 (EMBRO-ODELL ROAD)	SR 1510 (MAT NELSON RD)		3,581	240		-							
JCN.20331.1.	- van		SK 1303 (EMBRO-OBEEL ROAD)	FROM SR 1500 (MACON EMBRO RD.)												
5CR.20931.1	1 Warr	ren 6	SR 1325 HARRIS TOWN RD.	TO US 158		3,088	207									
JCN.20951.1.			J NO. 5CR.20931.11	10 03 138	10,232	12,356	1,591	400	1	5	7	400	400	4.20	400	60
	IJIA	LIONFAC	3 110. JCN.2032.11	11	20,232			·	<del></del>	<del></del>	<u> </u>	<del>-1</del>		4	L	
		GRAI	ND TOTAL		10,232	12,356	2,153	1,350	1	5	7	1,000	660	11.00	400	60

## THERMOPLASTIC AND PAINT QUANTITIES

					4685000000-E	4686000000-E	4705000000-E	4710000000-E		00000-E		00000-E	4830000000-E	4835000000-E	4840000000-N	4900000000-1
PROJECT COUNTY MAP	P ROUTE	DESCRIPTION	LENGTH	WIDTH	4" X 90 M WHITE	4" X 120 M YELLOW	16" X 120 M WHITE	24" X 120 M WHITE	THERMO RXR 120 M	THERMO MSG SCHOOL	4" WHITE PAINT	4" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG RXR	YELLOW &
					THERMO	THERMO	THERMO	THERMO		120 M					1	YELLOW
																MARKERS
							1									
NO NO	<b>)</b>				LF	LF	LF	LF	EA	EA	LF	LF	LF	LF	EA	EA
		FROM SR 1500 (MACON EMBRO RD.)														
5C.093056 Warren 1	SR 1325 HARRIS TOWN RD.	TO US 158	2.8	22	30,128	18,480										
TOTAL FO	OR MAP NO. 1		2.8		30,128	18,480										
TOTAL FOR B	ROJ NO. 5C.093056		2.8		30,128	18,480										
TOTAL FOR F	KOJ NO. 3C.053036								<u> </u>					}		
		FROM SR 1507 (MARMADUKE RD) TO			,									•		
5C.093058 Warren 7	SR 1509 (EMBRO-ODELL RD)	SR 1510 (MAT NELSON RD)	3.4	21	36,584	22,440					36,584	22,440				
TOTAL F	OR MAP NO. 7		3.4		36,584	22,440					36,584	22,440				
TOTAL FOR R	ROJ NO. 5C.093058		3.4		36,584	22,440					36,584	22,440				
TOTALTORF	KO 140. 50.05505B										59	,024				
5CR.20931.11 Warren 2	SR 1134 VICKSBORO ROAD	FROM VANCE CO. LINE TO US 401	3.5	21	37,660	23,100					37,660	23,100				231
TOTAL F	OR MAP NO. 2		3.5		37,660	23,100					37,660	23,100				231
		FROM US 158 TO SR 1100 (MANSON														
5CR.20931.11 Warren 3	SR 1112 AXTELL-RIDGEWAY RD	AXTELL RD)	5.4	21	58,104	35,640	50	45	2	·	58,104	35,640	50.00	45	2	l
TOTAL F	OR MAP NO. 3		5.4		58,104	35,640	50	45	2		58,104	35,640	50	45	2	
5CR.20931.11 Warren 4	SR 1001 MARTIN LUTHER KING	FROM SR 1115 TO US 401	5.45	24	58,642	35,970		: 100		12	58,642	196,037				360
TOTAL F	OR MAP NO. 4		5.45		58,642	35,970		100		12	58,642	196,037				360
		FROM SR 1507 (MARMADUKE RD) TO														
5CR.20931.11 Warren 5	SR 1509 (EMBRO-ODELL ROAD)	SR 1510 (MAT NELSON RD)	3.4	21		1										
TOTALF	OR MAP NO. 5		3.4													
		FROM SR 1500 (MACON EMBRO RD.)														
5CR.20931.11 Warren 6	SR 1325 HARRIS TOWN RD.	TO US 158	2.8	22												
TOTALF	OR MAP NO. 6		2.8													
TOTAL FOR RE	OJ NO. 5CR.20931.11		20.55		154,406	94,710	50	145	2	12	154,406	254,777	50	45	2	591
TOTAL FOR PRO	O 140. JCR.20331.11									14	40	9,183				<u></u>
CDA	AND TOTAL		26.75		221,118	135,630	50	145	2	12	190,990	277,217	50	45	2	591
i GRA	IND TOTAL							1		14	46	8,207		1	1	

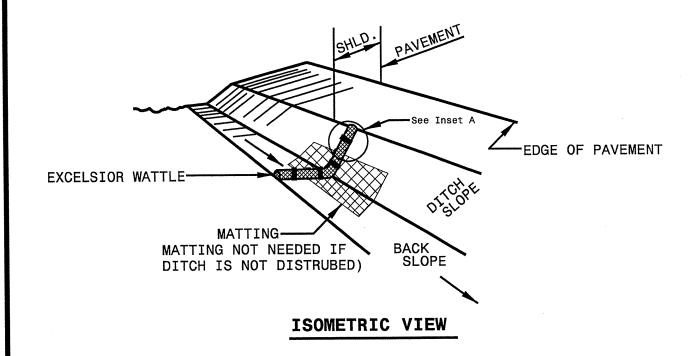
ROJECT REFERENCE NO. SHEET NO.

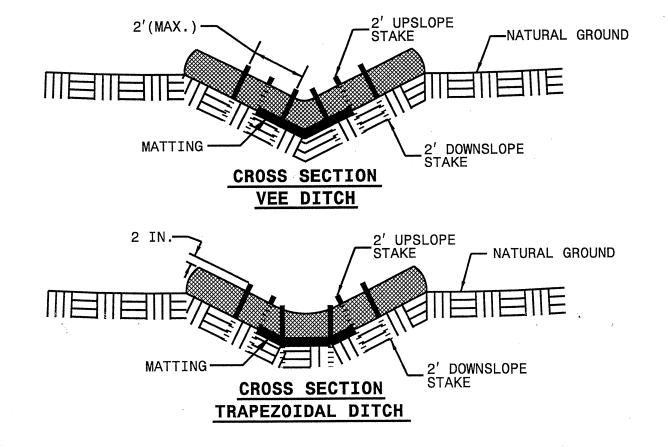
X-XXXX

EC-2G

# WATTLE DETAIL

5ht.6 5C.093056, etc.





### NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

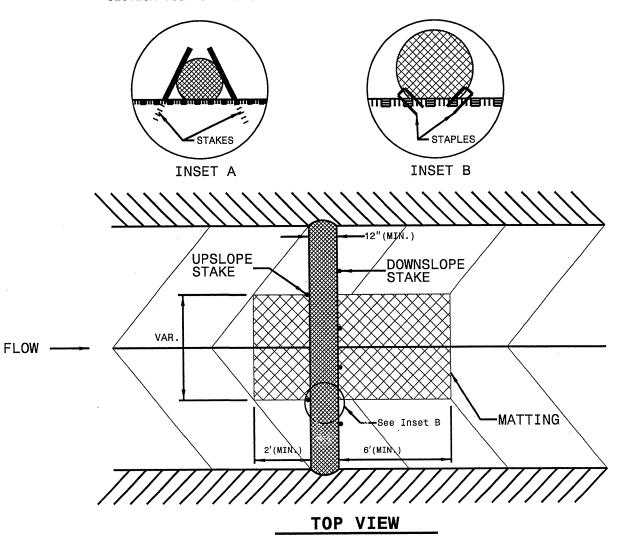
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

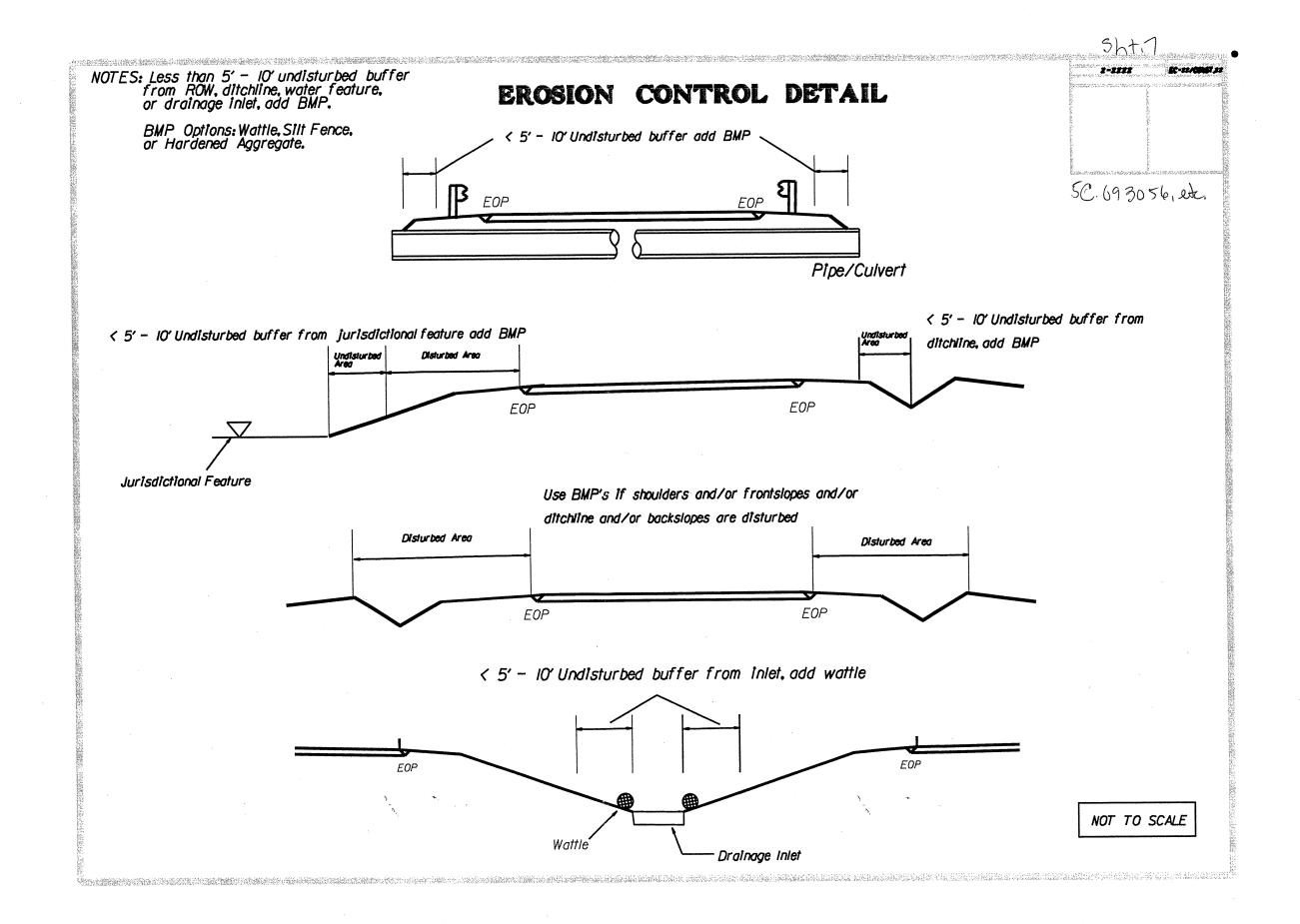
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

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.

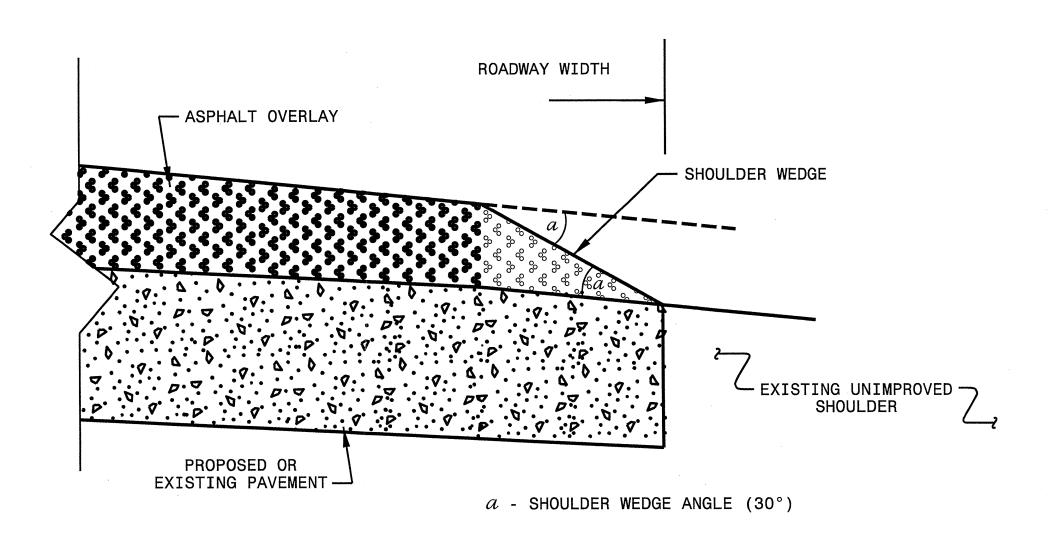
IF DITCH WILL BE DISTURBED, INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.





50.693056, etc

0.0100061240



# SHOULDER WEDGE DETAIL

USE ON MAP 4 WITH TYPICAL SECTION 3

SHOULDER WEDGE DETAIL

ORIGINAL BY: DATE:

MODIFIED BY: DATE:

CHECKED BY: DATE:

FILE SPEC.:

SCHOOL OF TIME CONTROL OF THE CONTRO

			5C.093056, etc 9
MINIMUM TIE IN ON CITY STREETS AND COMMERCIAL DRIVES	EXTEND LIMITS TO BACK OF RADIUS ON STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINE	MINIMUM TIE IN ON CITY STREETS AND COMMERCIAL DRIVES CTED BY THE ENGINEER	EXTEND LIMITS TO BACK OF SIGNAL LOOPS ON STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINEER
	ROJECT LIMITS AT		ROJECT LIMITS AT



- (1) THE FOLLOWING OPTIONS MAY BE USED FOR ADVANCE WARNING SIGNS:
  - A. TRUCK MOUNTED SIGNS
  - B. TRUCK MOUNTED CHANGEABLE MESSAGE SIGN (CMS)
    C. GROUND MOUNTED ADVANCE WARNING SIGNS
  - (MUST CIRCLE TO PICK UP SIGNS)
  - D. GROUND MOUNTED CHANGEABLE MESSAGE SIGN (CMS)
    (MUST USE CIRCLE TO PICK UP SIGNS)
- (2) ALL ADVANCE WARNING SIGNS MUST BE 48" X 48" WITH FLUORESCENT ORANGE TYPE VII, VIII OR IX SHEETING. IF SPACE LIMITATIONS ON SHOULDER PROHIBIT A 48" X 48" SIGN, A SMALLER SIGN CAN BE USED WITH APPROVAL FROM ENGINEER.
- (3) SIGNS ON VEHICLES SHOULD BE MOUNTED A MINIMUM OF ONE (1) FOOT FROM THE GROUND AND SHOULD NOT BLOCK THE MOTORIST'S SIGHT OF THE FLASHING ARROW PANEL AND/OR LIGHTBAR.
- (4) GROUND MOUNTED ADVANCED WARNING SIGNS SHOULD BE MOUNTED A MINIMUM OF ONE (1) FOOT FROM THE GROUND TO BOTTOM OF SIGN.
- (5) SIGN SPACING SHOULD BE ADJUSTED FOR HORIZONTAL AND VERTICAL CURVES, ETC. TO IMPROVE SIGHT DISTANCES.
- (6) ADDITIONAL VEHICLES SHOULD BE USED IN WORK CARAVAN TO FACILITATE DRYING OF PAVEMENT MARKING MATERIAL (TMIA'S ARE OPTIONAL ON THESE ADDITIONAL VEHICLES). HOWEVER, THE FIRST VEHICLE MOTORISTS SEE IN THE TRAVEL LANE SHALL HAVE A TMIA.

(1)(2)(3)(4)(8)

W26-1CSP

- (7) ADJUST DISTANCE AS NEEDED TO PREVENT MOTORISTS FROM ENTERING SPACE BETWEEN THE APPLICATION AND PROTECTION VEHICLE. DISTANCE CAN BE LENGTHENED TO ACCOMODATE SIGHT DISTANCE NEEDS.
- (8) ROUND UP MILEAGE TO NEXT WHOLE MILE. WORK ZONE SHOULD NOT EXCEED FIVE (5) MILES IN LENGTH.
- (9) RADIO COMMUNICATION BETWEEN VEHICLES IS REQUIRED.
- (10) USE OF A LIGHT BAR ON ALL VEHICLES IS PREFERRED, BUT A ROTATING BEACON MAY BE USED INSTEAD.
- (11) IF WORK IS PERFORMED AT NIGHT, THE WORK AREA MUST BE ILLUMINATED WITH MACHINE AND/OR TOWER LIGHTS AS APPROVED BY THE ENGINEER.
- (12) ALL TRAFFIC CONTROL DEVICES WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS FOR PAVEMENT MARKING AND MARKERS.
- (13) INFORMATIONAL SIGNS SHOULD BE ACTIVITY SPECIFIC, i.e. "PAINT CREW IN ROAD". SIGNS MAY BE RECTANGULAR OR DIAMOND SHAPE. SIGN SIZE SHOULD BE BASED ON THE MOTORIST ABILITY TO RECOGNIZE SIGN WHEN TRAVELING FIVE (5) MILES ABOVE POSTED SPEED LIMIT.
- (14) IF A LEAD VEHICLE IS ADDED TO OPERATION, IT SHOULD HAVE THE SAME ADVANCE WARNING SIGNS AS THE APPLICATION VEHICLE SHOWN BELOW.

### **LEGEND**

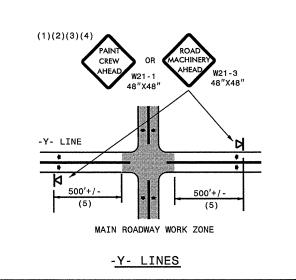
PORTABLE SIGN. SIGNS MUST BE NCHRP-350 AND NCDOT APPROVED.

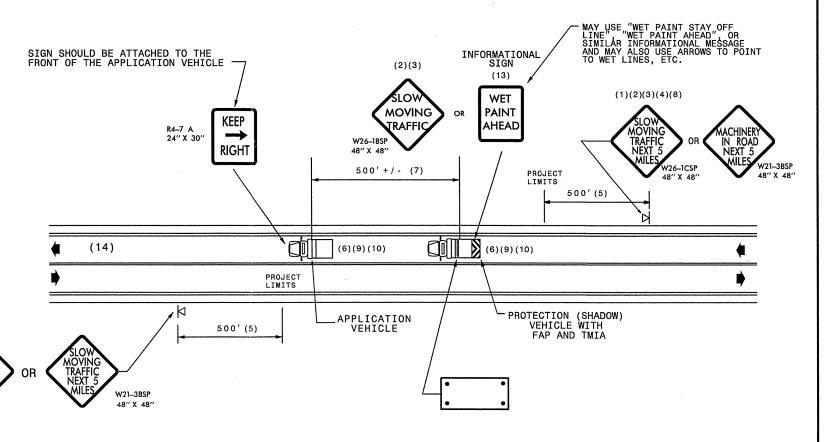
DIRECTION OF TRAFFIC FLOW

APPLICATION VEHICLE WITH LIGHT BAR

PROTECTION VEHICLE WITH TRUCK
MOUNTED IMPACT ATTENUATOR (TMIA)
AND LIGHT BAR (SEE ROADWAY
STANDARD NO. 1165.01). TMIA MUST
BE NCHRP-350 TEST LEVEL 3 (60+MPH)
APPROVED.

FLASHING ARROW PANEL, TYPE "B" (60"X30" MIN.), "CAUTION MODE"

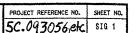




# MOVING OPERATION CARAVAN

(OPERATIONS TRAVELING 3 MPH OR FASTER)
PLACING PAVEMENT MARKING OR MARKERS
ON TWO-LANE TWO-WAY ROADWAYS

DRAWING NUMBER 6
IMPLEMENTATION DATE: 07/01/97
REVISED: 11/03/04



### Low Speed Detection [≤35 mph (56 km/hr)]



Spee	d Limit	ı	D1		)2	
mph	(km/hr)	ft	(m)	ft	(m)	
40	(64)	250	(75)	80	(25)	
45	(72)	300	(90)	90	(27)	
50	(80)	355	(110)	100	(30)	
55	(88)	420	(130)	110	(35)	

"Stretch" Operation

□L1

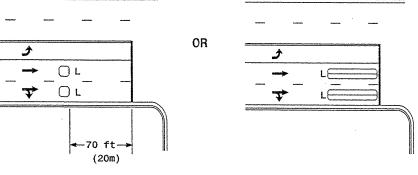
OL1

L2 = 6ft X 6ft (1.8m X 1.8m) Wired in series

(1.8m X 1.8m)

Wired in series

 $L1 = 6ft \times 6ft$ 



 $L = 6ft \times 6ft (1.8m \times 1.8m)$ Wired in series

 $L = 6ft \times 40ft (1.8m \times 12.0m)$ Quadrupole loop, wired separately

### mph (km/hr) ft (m) 250 (75) 45 (72) 300 (90) 50 (80) 355 (110) 55 (88) 420 (130)

() L

Speed Limit

 $L = 6ft \times 6ft (1.8m \times 1.8m)$ Wired in series for TS1 Controllers Wired separately for TS2, 170, and 2070L Controllers

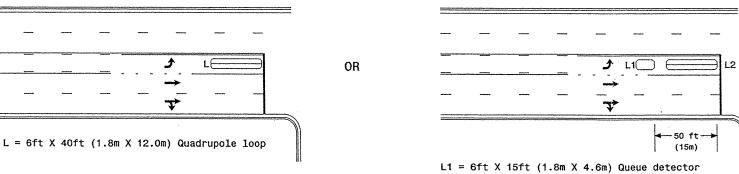
Volume Density Operation

# Left Turn Lane Detection

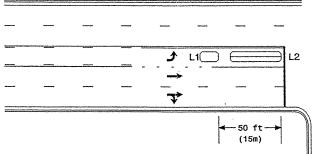
**High Speed Detection** 

[≥40 mph (64 km/hr)]

OR



Presence Loop Detection

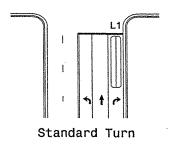


□ L2

**▼** □ L2

 $L2 = 6ft \times 40ft (1.8m \times 12.0m)$  Quadrupole loop

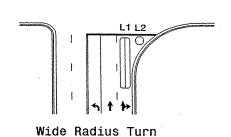
Queue Loop Detection

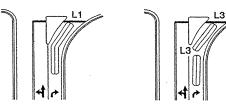


## Right Turn Lane Detection

L1 = 6ft X 40ft (1.8m X 12.0m) Quadrupole loop L2 = 6ft X 6ft (1.8m X 1.8m) [Minimum] Presence loop Wired separately

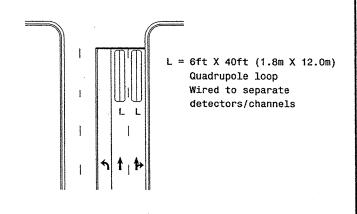
L3 = 6ft X 20ft (1.8m X 6.0m) Quadrupole loop Wired in series



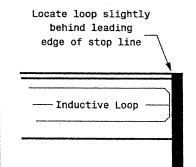


Channelized Turn

### **Side Street Detection**



### Presence Loop Placement at Stop Lines



Loop may be located in advance of stop line when stop line is greater than 15' (4.5m) from edge of intersecting roadway; or, when loop detects a permissive or protected/permissive left turn.

Single 6' X 6' (1.8m X 1.8m) loop (wired separately):

	, .	
Length of Lead-in ft (m)	Number of Turns	
< 250 (75)	3	
250-375 (75-115)	4	
375-525 (115-160)	5	
> 525 (160)	6	

# Recommended Number of Turns

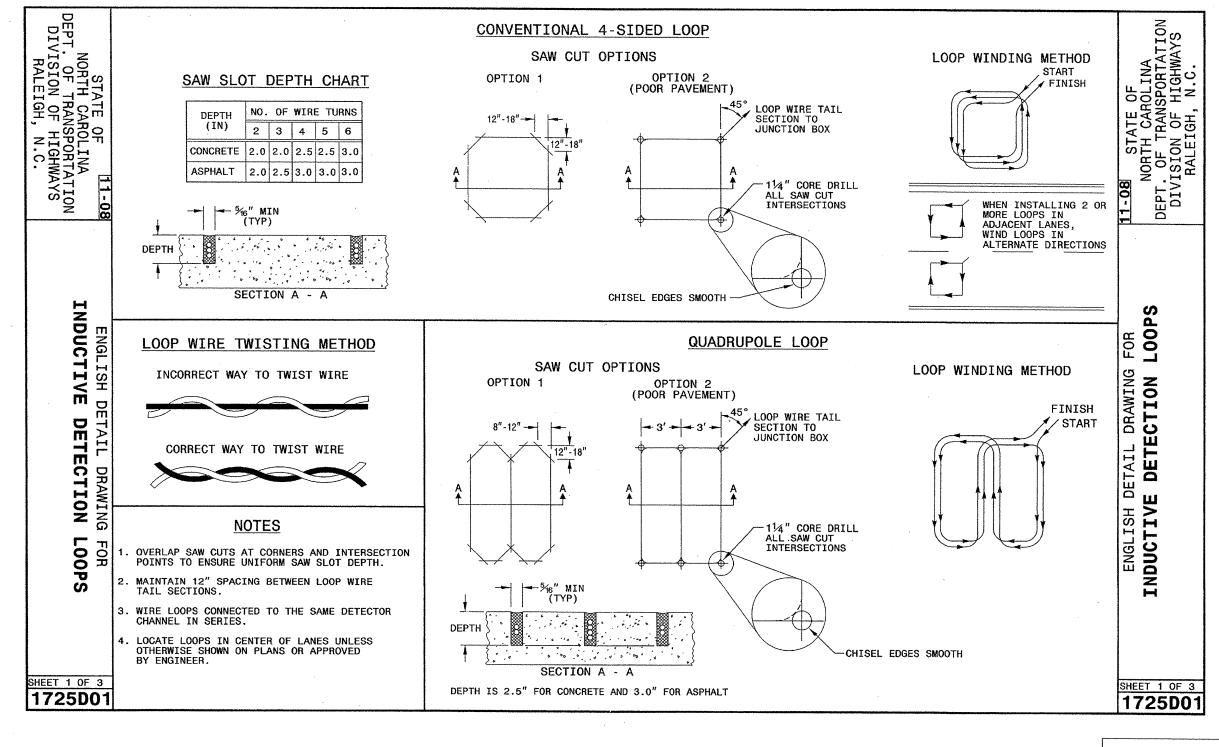
6' X 15' (1.8m X 4.6m) Loops: Lead-in < 150' (45 m), use 2 turns Lead-in > 150' (45 m), use 3 turns

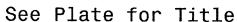
Quadrupole loops: Use 2-4-2 turns



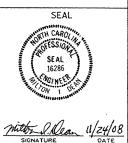
Typical Loop Locations

PLAN DATE: June 2006 REVIEWED BY: PREPARED BY: P L Alexander REVIEWED BY:

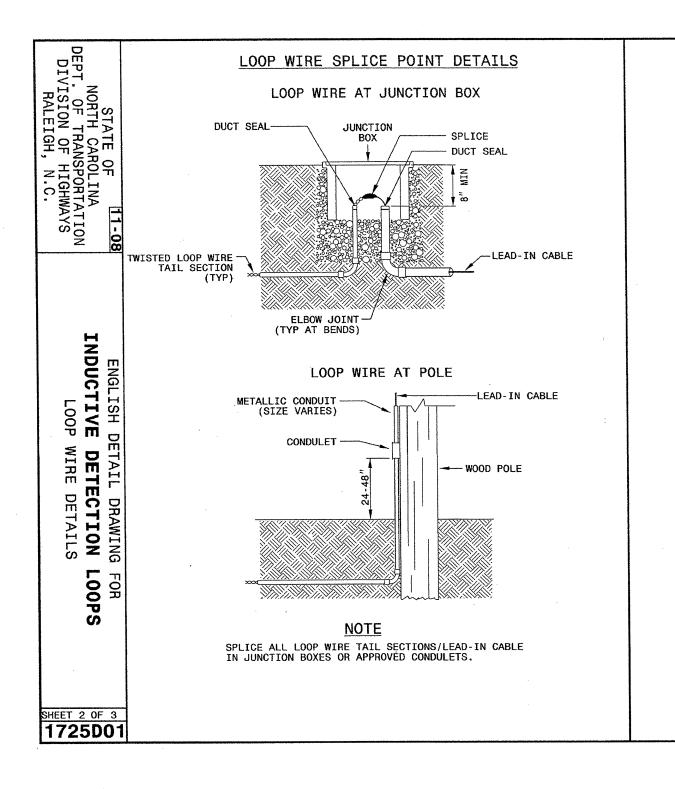
SCALE N/A 





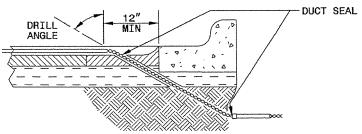


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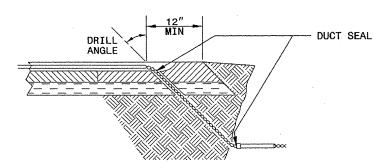


### LOOP WIRE PAVEMENT EDGE DETAILS

LOOP WIRE AT CURB & GUTTER SECTION



### LOOP WIRE AT PAVEMENT SECTION



### **NOTES**

- 1. DO NOT EXCAVATE UNDER CURB AND GUTTER SECTIONS FOR CONDUIT INSTALLATION.
- 2. TWIST LOOP WIRE TAIL SECTIONS FROM WHERE LOOP WIRE TAIL LEAVES SAW CUT TO JUNCTION BOX, INCLUDING THROUGH CONDUIT.
- 3. BEFORE SEALING LOOPS, INSTALL DUCT SEAL WHERE LOOP WIRE TAIL SECTION LEAVES SAW CUT IN PAVEMENT AND AT ENTRANCE OF CONDUIT TO JUNCTION BOX.

11-08 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

FOR LOOPS DETAIL DRAWING BETECTION L DETAIL INDUCTIVE LOOP

ENGLISH

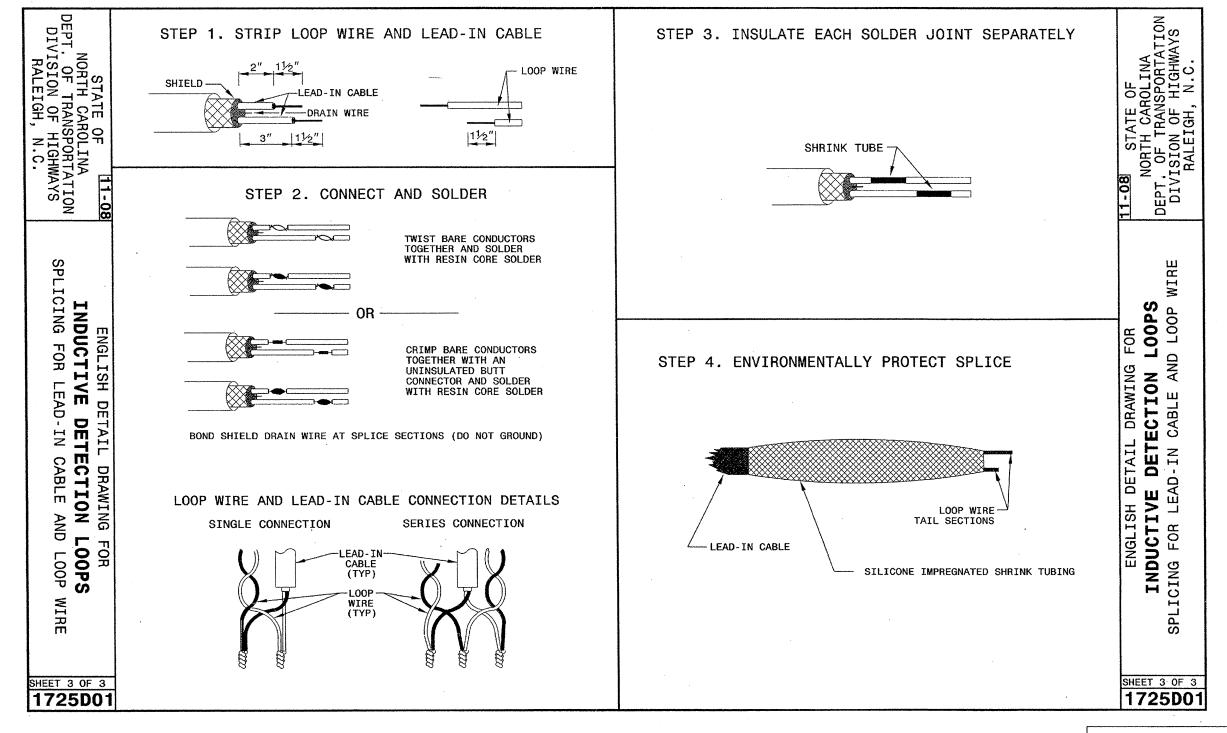
SHEET 2 OF 3 1725D01

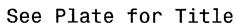
See Plate for Title





SEAL







Sign<sup>W</sup>

nfield Parkway

NC 27529

Mitte J. Olan 11/24/08
SIONATURE DATE

SEAL