

PROJECT NO.	SHEET NO.	TOTAL NO.
5CR.10921.31	3	

SUMMARY OF QUANTITIES

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PROJECT	COUNT	MAP	ROUTE	DESCRIPTION	TYP	FINAL	WARM MIX	LENGTH	WIDTH	REMOVAL	INCIDENTAL	BORROW	SHOULDER	2" MILLING	SURFACE	PG	PATCHING	5"	4"	REMOVE	CONCRETE	ADJUST	ADJUST	PORTABLE		WATTLE	SEED &	INDUCTIVE	LEAD-IN
11100201		"""		22001111 11011		SURFACE	ASPHALT			OF	STONE BASE	EXCAVATION	RECON-		COURSE,	70-22	EXISTING	MONOLITHI	CONCRETE	AND	WHEEL-	MANHOLES	METER OR	LIGHTING	TEMPO	i	MULCH-	LOOP	CABLE
		1 1				TESTING	ALLOWED			CONCRETE	•		STRUCTION		S9.5C	PLANT	PAVEMENT	l c	SIDEWALK	REPLACE	CHAIR RAMP		VALVE BOX	1	RARY		ING		(14-2)
		1 1				REQUIRED	ALLOWED			ISLAND						MIX		CONCRETE	:1	2'-6"					SILT		1		1
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				FROM HODGES ST.									1											ı					1
				TO JOINT NORTH OF						1							İ		ì		1			*					1
5CR.10921.31	Wake	1 1	CAPITAL BLVD. NB	SUMNER BLVD.	1	NO	YES	4.71	37	9	101	264	2.70	154,374	17,343	1,041	1,412	65	112	640	18	18	4		193	480	1.93	13,206	2,500
	TOTAL F	_i				 		4.71		9	101	264	2.70	154,374	17,343	1,041	1,412	65	112	640	18	18	4	1	193	480	1.93	13,206	2,500
	IOIALI	OK WAF		FROM JOINT NORTH		 		3,,,		 								1											
				FROM JOINT NORTH						i										1									1
				OF SUMNER BLVD.	4	NO	YES	4.71	37	21	120	228	2.34	159,198	17,883	1,073	1,412	70	72	598	19	3	22	*	170	430	1.70	13,968	2,500
			CAPITAL BLVD. SB	TO HODGES ST.	1	1 10	153		- 37	- 21	1						1,412	70	72	598	19	-	22	1	170	430	1.70	13,968	2,500
	TOTAL F	or map	NO. 2			<u> </u>		4.71		21	120	228	2.34	159,198	17,883	1,073		10	12					 		910		10,000	
TOTAL	FOR PR	OJ NO. (5CR.10921.31					9.42		30	221	492	5.04	313,572	35,226	2,114	2,824	135	184	1,238	37	21	26	1	363	910	3.63	27,174	5,000
			······································																			· · · · · · · · · · · · · · · · · · ·				,			
	GRA	ND TOT	Δi			1		9.42		30	221	492	5.04	313,572	35,226	2,114	2,824	135	184	1,238	37	21	26	11	363	910	3.63	27,174	5,000

THERMOPLASTIC AND PAINT QUANTITIES

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T	T	T			4360000000-N	4510000000-N	4589000000-N	468500	00000-E	46860	00000-E	4697000000-E	4710000000-E	4721000000-E		4725	000000-E		477000	0000-E	4850000000-E	4900000000-N	4905000000-N
PROJECT	COUNTY	MAD	ROUTE	DESCRIPTION	REMOVE AND		TRAFFIC		4" X 90 M	4" X 120 M	4" X 120 M	8" X 120 M	24" X 120 M	THERMO	THERMO	THERMO	THERMO	THERMO	4" YELLOW	4" WHITE	4" LINE	CRYSTAL &	SNOW
FROSECT	1000111	I WATE	KOOIL	DECOMM MON	RESET	ENFORCE-	CONTROL		YELLOW		YELLOW	WHITE	WHITE	MSG ONLY	STR	RT	STR & RT	LT ARROW	COLD	COLD	REMOVAL	RED	PLOWABLE
1	i						CONTROL		1 .		THERMO	THERMO	THERMO	120 M	1		ARROW 90	90 M	APPLIED	APPLIED		MARKERS	MARKERS
1	1				EXISTING	MENT		THERINO	INEKWO	THERMO	INERWO	ITEKNO	THERMO	120 111			AILILOW SO	00 m	PLASTIC,	PLASTIC,		III) AIR CEIRC	
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5CR.10921.31			CAPITAL BLVD. NB	SOMMEN DEVE.		50					1	<u> </u>			<u> </u>			57	215	323	538	10	1,417
	TOTAL FO	OR MAP	NO. 1		2		1 1	8,411	24,868	21,815	360	4,480	1,352		120	18	23	5/	210	323	336	10	1,417
				FROM JOINT NORTH				l			l		1							i			
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		2	CAPITAL BLVD. SB	TO HODGES ST.	1 1	50	*	3,533	24,868	22,162	360	5,578	1,530	12	144	24	26	48	1				1,315
					 	50		3.533	24,868	22,162	360	5,578	1,530	12	144	24	26	48			<u> </u>		1,315
ļ	TOTAL FO	OK MAF	NO. 2		1 1	100	1	11,944	49,736	43,977	720	10,058	2.882	12	264	42	49	105	215	323	538	10	2,732
TOTAL	L FOR PRO	OJ NO.	5CR.10921.31		3	100	 				1.697	10,038	2,002	12	1 207	1	460			38	1		
							ļ	61	,680	44	160,1	 		<u> </u>	 		1	Γ	† <u> </u>	ĭ	 		
					L			+	 	 		40.050		10	264	42	40	105	215	323	538	10	2,732
1	GRAI	ND TOT	ΔΙ		3	100	11	11,944		43,977	720	10,058	2,882	12	264	1 42	460	1 100		38	1 336	 	1 2,702
GIARD IOIAL			1		1	1 61	,680	1 44	1,697	1	1	1	I		400					1			

DETECTABLE WARNING DOMES 848D05

BACK OF SIDEWALK DROP * ISOMETRIC VIEW



ENGLISH

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TAIL

DR

RAWING

GR.

1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

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BASE DIAMETER 0.45"R TO 0.70"R

DIAMETER

TOP DIAMETER OF NO LESS

THAN 50% TO NO MORE THAN 65% OF THE BASE

0

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RAMP WIDTH AREA IS VARIABLE

0

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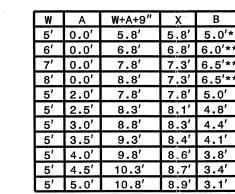
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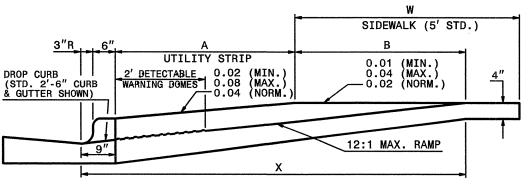
2. OBTAIN 70% CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



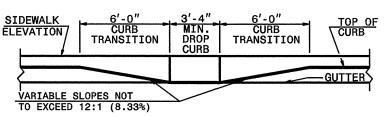
- B = X (A+9'')
- B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.

В

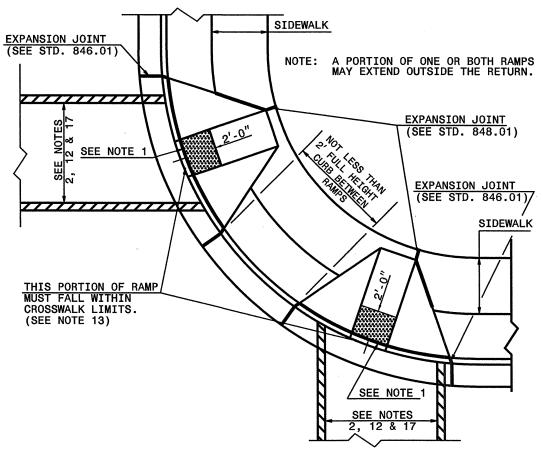
- BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
- ** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.



SECTION B-B



SECTION A-A



PLAN VIEW

DUAL RAMPS ANY RADII (40" MIN. FLOOR WIDTH) FOR DRAWING DETAIL ENGLISH

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

GUTTER

AND

CURB

PROPOSED

RAMP

WHEELCHAIR

SHEET 1 OF 3

848D05

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

WHEELCHAIR RAMP

PROPOSED CURB AND GUTTER

FOR

SEE NOTE 12 6' MIN. CROSSWALK **ENGLISH** SEE NOTE 3 DE: TAIL DRAWING

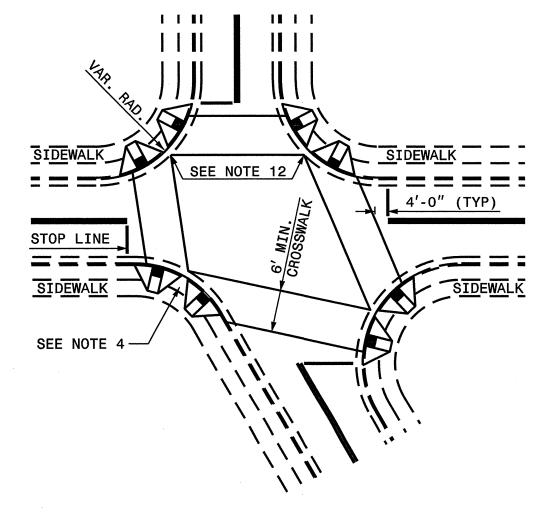
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SEE NOTE 4

SIDEWALK

DETAIL SHOWING TYPICAL LOCATION OF WHEELCHAIR RAMPS PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF WHEELCHAIR PEDESTRIAN CROSSWALKS AND STOP LINES

ROADWAY PLAN SYMBOL WCR FOR PROPOSED WHEELCHAIR RAMP

PROPOSED WHEELCHAIR RAMP PROPOSED OR FUTURE SIDEWALK

ALLOWABLE LOCATIONS DUAL RAMP RADII.....ANY

SHEET 2 OF 3

848D05

SHEET 2 OF 3

NORTH CARÖLINA F. OF TRANSPORTATION VISION OF HIGHWAYS

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GUTTER

AND

CURB

PROPOSED

RAMP

WHEELCHAIR

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FOR

ENGLISH DETAIL DRAWING

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TAIL

DRAWING

OR

NOTES:

- CONSTRUCT THE WALKING SURFACE WITH SLIP RESISTANTANCE AND A 70% CONTRASTING COLOR TO THE SIDEWALK.
- CROSSWALK WIDTHS AND CONFIGURATION VARY BUT MUST CONFORM TO TRAFFIC DESIGN STANDARDS.
- NORTH CAROLINA GENERAL STATUTE 136-44.14 REQUIRES THAT ALL STREET CURBS BEING CONSTRUCTED OR RECONSTRUCTED FOR MAINTENANCE PROCEDURES, TRAFFIC OPERATIONS, REPAIRS, CORRECTION OF UTILTIES OR ALTERED FOR ANY REASON AFTER SEPTEMBER 1, 1973 SHALL PROVIDE WHÉELCHAIR RAMPS FOR THE PHYSICALLY DISABLED AT ALL INTERSECTIONS WHERE BOTH CURB AND GUTTER AND SIDEWALKS ARE PROVIDED AND AT OTHER POINTS OF PEDESTRIAN FLOW.

IN ADDITION, SECTION 228 OF THE 1973 FEDERAL AID HIGHWAY SAFETY ACT REQUIRES PROVISION OF CURB RAMPS ON ANY CURB CONSTRUCTION AFTER JULY 1,1976 WHETHER A SIDEWALK IS PROPOSED INITIALLY OR IS PLANNED FOR A FUTURE DATE.

THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990 EXTENDS TO INDIVIDUALS WITH DISABILITIES. COMPREHENSIVE CIVIL RIGHTS PROTECTIONS SIMILIAR TO THOSE PROVIDED TO PERSONS ON THE BASIS OF RACE, SEX, NATIONAL ORIGIN AND RELIGION UNDER THE CIVIL RIGHTS ACT OF 1964. THESE CURB RAMPS HAVE BEEN DESIGNED TO COMPLY WITH THE CURRENT ADA STANDARDS.

- PROVIDE WHEELCHAIR RAMPS AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. LOCATE WHEELCHAIR RAMPS AS DIRECTED BY THE ENGINEER WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. AFFECT PLACEMENT. WHERE TWO RAMPS ARE INSTALLED PLACE NOT LESS THAN 2 FEET OF FULL HEIGHT CURB BETWEEN THE RAMPS. PLACE DUAL RAMPS AS NEAR PERPENDICULAR TO THE TRAVEL LANE BEING CROSSED AS POSSIBLE.
- DO NOT EXCEED 0.08 (12:1) SLOPE ON THE WHEELCHAIR RAMP IN RELATIONSHIP TO THE GRADE OF THE STREET.
- CONSTRUCT WHEELCHAIR RAMPS 40" (3'-4") OR GREATER FOR DUAL RAMPS.
- USE CLASS "B" CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NON-SKID TYPE SURFACE.
- 8. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE WHEELCHAIR RAMP JOINS THE CURB AND AS SHOWN ON STD. DWG. 848.01.
- 9. PLACE THE INSIDE PEDESTRIAN CROSSWALK LINES NO CLOSER IN THE INTERSECTION BY BISECTING THE INTERSECTION RADII, WITH ALLOWANCE OF A 4' CLEAR ZONE IN THE VEHICULAR TRAVELWAY WHEN ONE RAMP IS INSTALLED. (SEE NOTE 17)
- 10. COORDINATE THE CURB CUT AND THE PEDESTRIAN CROSSWALK LINES SO THE FLOOR OF THE WHEELCHAIR RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES. PLACE DIAGONAL RAMPS WITH FLARED SIDES SO 24" OF FULL HEIGHT CURB FALLS WITHIN THE CROSSWALK MARKINGS ON EACH SIDE OF THE FLARES.
- 11. CONSTRUCT THE PEDESTRIAN CROSSWALK A MINIMUM OF 6 FEET. A CROSSWALK WIDTH OF 10 FEET OR GREATER IS DESIRABLE.
- 12. USE STOP LINES, NORMALLY PERPENDICULAR TO THE LANE LINES, WHERE IT IS IMPORTANT TO INDICATE THE POINT BEHIND WHICH VEHICLES ARE RÉQUIRED TO STOP IN COMPLIANCE WITH A TRAFFÍC SIGNAL, STOP SIGN OR OTHER LEGAL REQUIREMENT. AN UNUSUAL APPROACH SKEW MAY REQUIRE THE PLACEMENT OF THE STOP LINE TO BE PARALLEL TO THE INTERSECTING ROADWAY.
- 13. TERMINATE PARKING A MINIMUM OF 20 FEET BACK OF PEDESTRIAN CROSSWALK.
- 14. PLACE ALL PAVEMENT MARKINGS IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE NORTH CAROLINA SUPPLEMENT TO THE MUTCD.

SHEET 3 OF 3

848D05

SHEET 3 OF 3

848D05

RAMP CHAIR WHEEL

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NORTH CAROLINA
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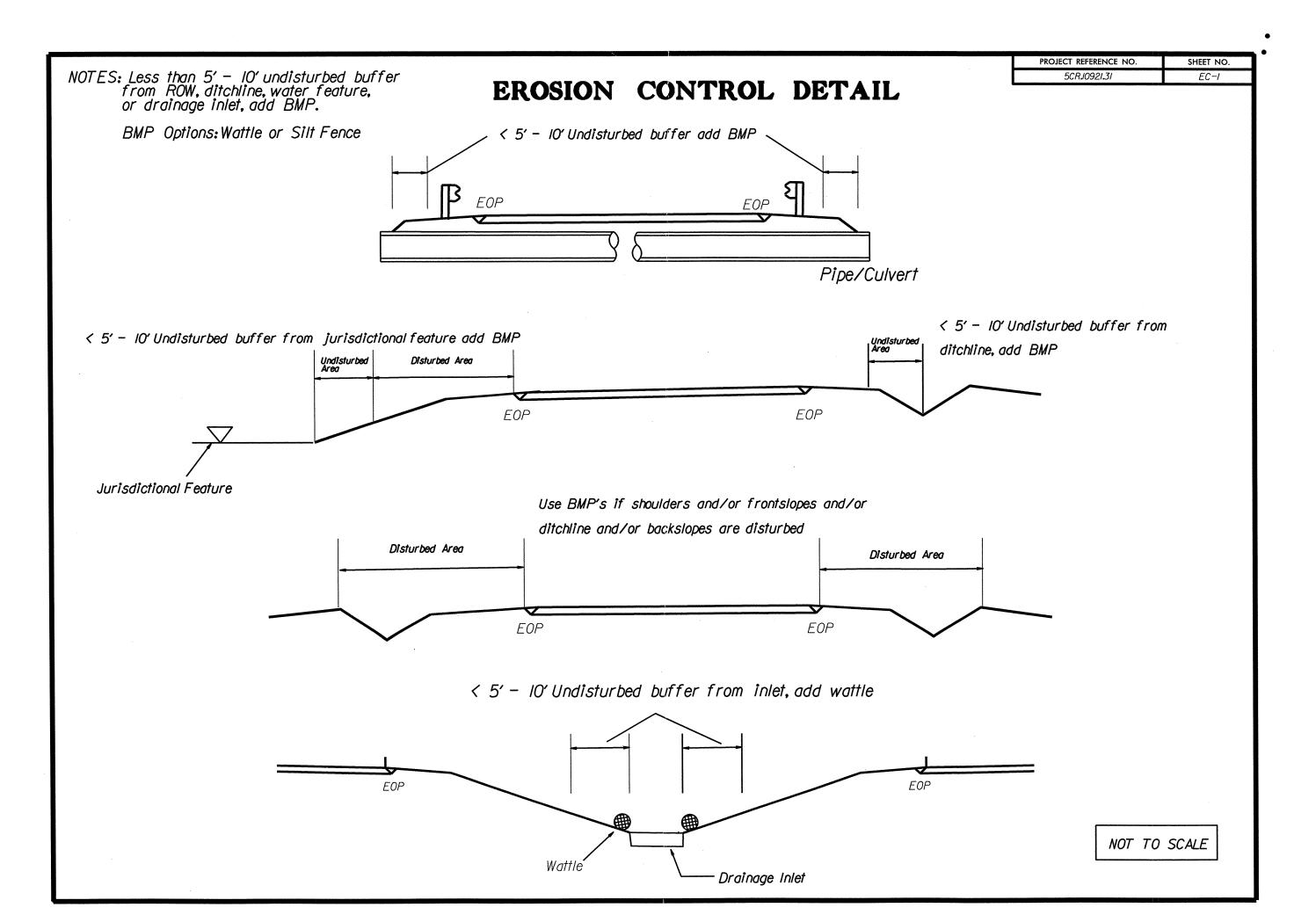
CURB

PROPOSED

DRAWING

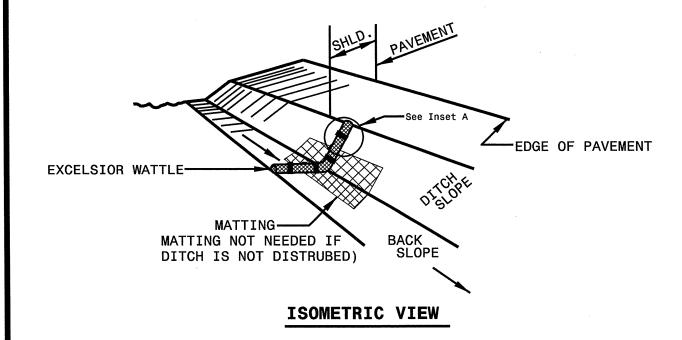
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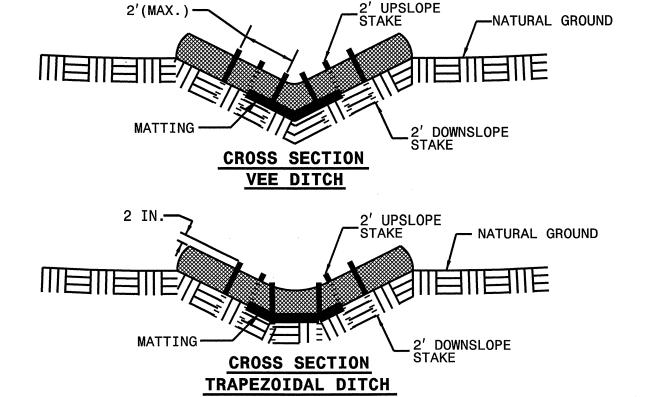
DETAIL ENGLISH



PROJECT REFERENCE NO.	SHEET NO.
5CRJ0921.31	EC-2

WATTLE DETAIL





NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

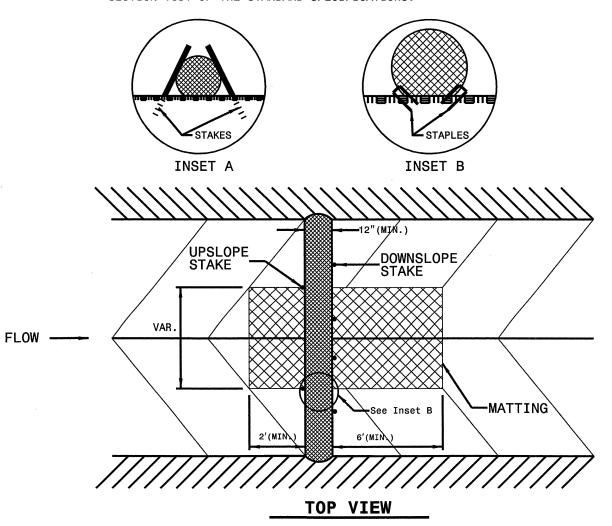
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.

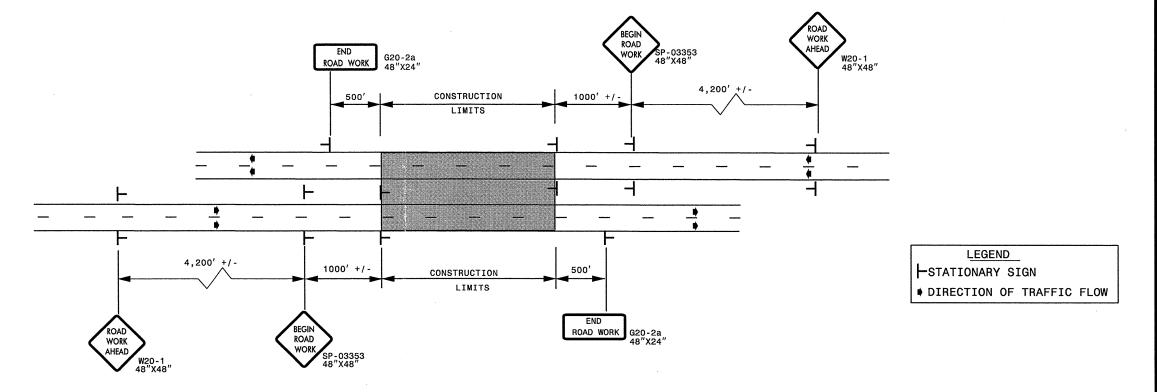
IF DITCH WILL BE DISTURBED, INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



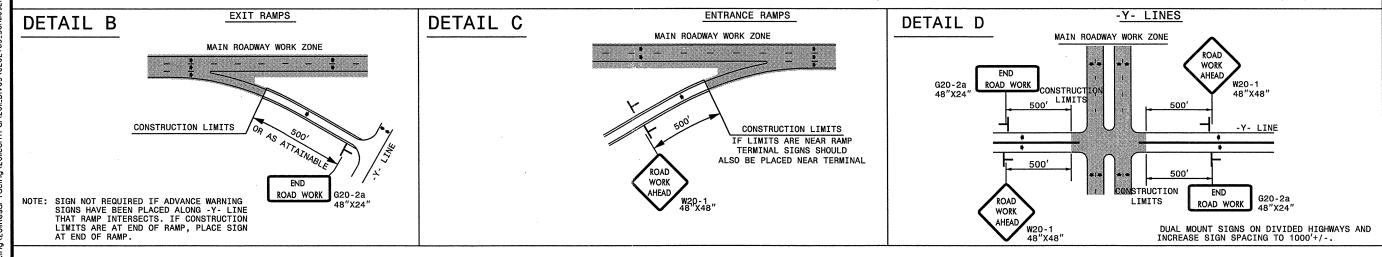
ADVANCED WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

PROJ. REFERENCE NO. SHEET NO. 5CR.10921.31 TCP-2

DETAIL A

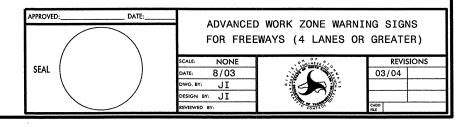


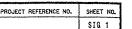
★ USE THE "\$250 SPEEDING PENALTY" SIGN, SPEED LIMIT SIGN, AND ORANGE PANEL; ONLY WHEN A "\$250 SPEEDING PENALTY" ORDINANCE HAS BEEN ISSUED BY THE REGIONAL TRAFFIC ENGINEER.



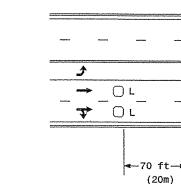
GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

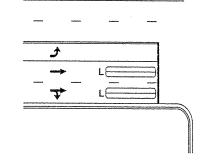




Low Speed Detection [<35 mph (56 km/hr)]



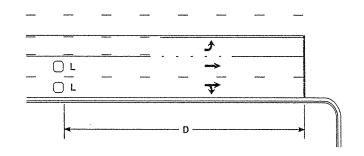
 $L = 6ft \times 6ft (1.8m \times 1.8m)$ Wired in series



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

High Speed Detection [>40 mph (64 km/hr)]

OR



Volume Density Operation

Spee	d Limit		D
mph	(km/hr)	ft	(m)
40	(64)	250	(75)
45	(72)	300	(90)
50	(80)	355	(110)
55	(88)	420	(130)

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

Speed Limit D1 mph (km/hr) ft (m) 40 (64) 250 (75) 45 (72) 300 (90) 50 (80) 355 (110)

OL1

55 (88)

420 (130) 110 (35) "Stretch" Operation

D2

ft (m)

(25)

(27)

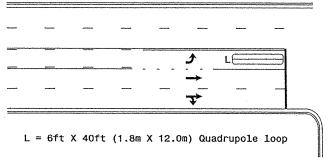
(30)

80

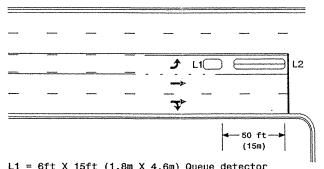
90

100

Left Turn Lane Detection



Presence Loop Detection



→ □L2 **>** □ L2

← D2 ·

 $L1 = 6ft \times 6ft$

L2 = 6ft X 6ft

(1.8m X 1.8m)

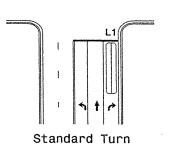
(1.8m X 1.8m)

Wired in series

Wired in series

 $L1 = 6ft \times 15ft (1.8m \times 4.6m)$ Queue detector $L2 = 6ft \times 40ft (1.8m \times 12.0m)$ Quadrupole loop

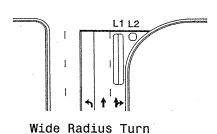
Queue Loop Detection

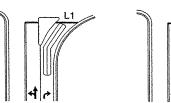


Right Turn Lane Detection

 $L1 = 6ft \times 40ft (1.8m \times 12.0m)$ 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

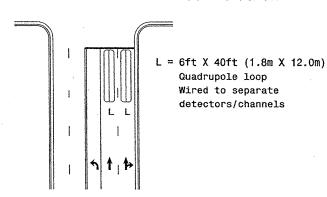




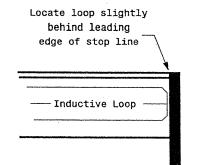


Channelized Turn

Side Street Detection



Presence Loop Placement at Stop Lines



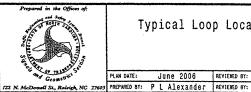
Loop may be located in advance of stop line when stop line is greater than 15' (4.5m) from edge of intersecting roadway; or, when loop detects a permissive or protected/permissive left turn.

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

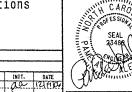
(,,,
Length of Lead-in ft (m)	Number of Turns
< 250 (75)	3
250-375 (75-115)	4
375-525 (115-160)	5
> 525 (160)	6

Quadrupole loops: Use 2-4-2 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



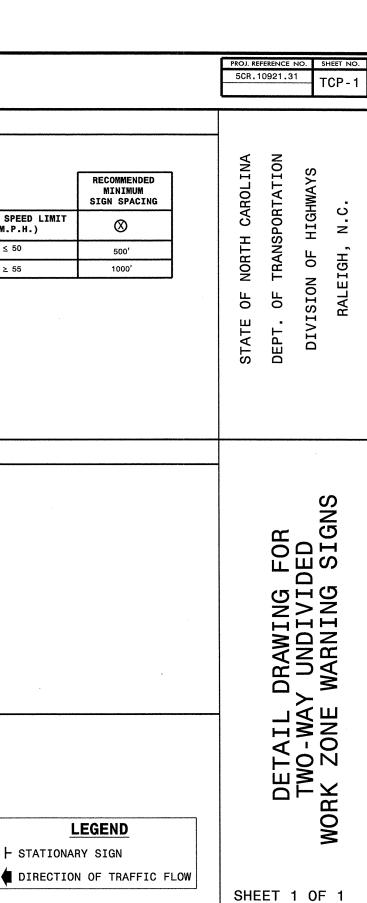
Typical Loop Locations

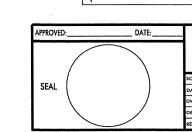


PREPARED BY: P L Alexander REVIEWED BY:

N/A

Recommended Number of Turns





LEGEND

- STATIONARY SIGN

POSTED SPEED LIMIT

(M.P.H.) ≤ 50

≥ 55

(X)

500'

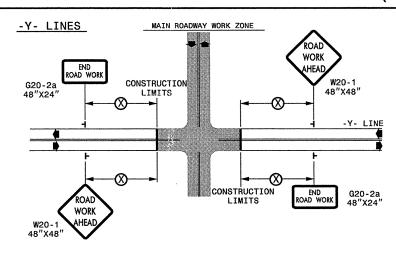
DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS

7-98 10/01 10-98 03/04 01/01 11/04

TWO-WAY UNDIVIDED ** (L-LINES)

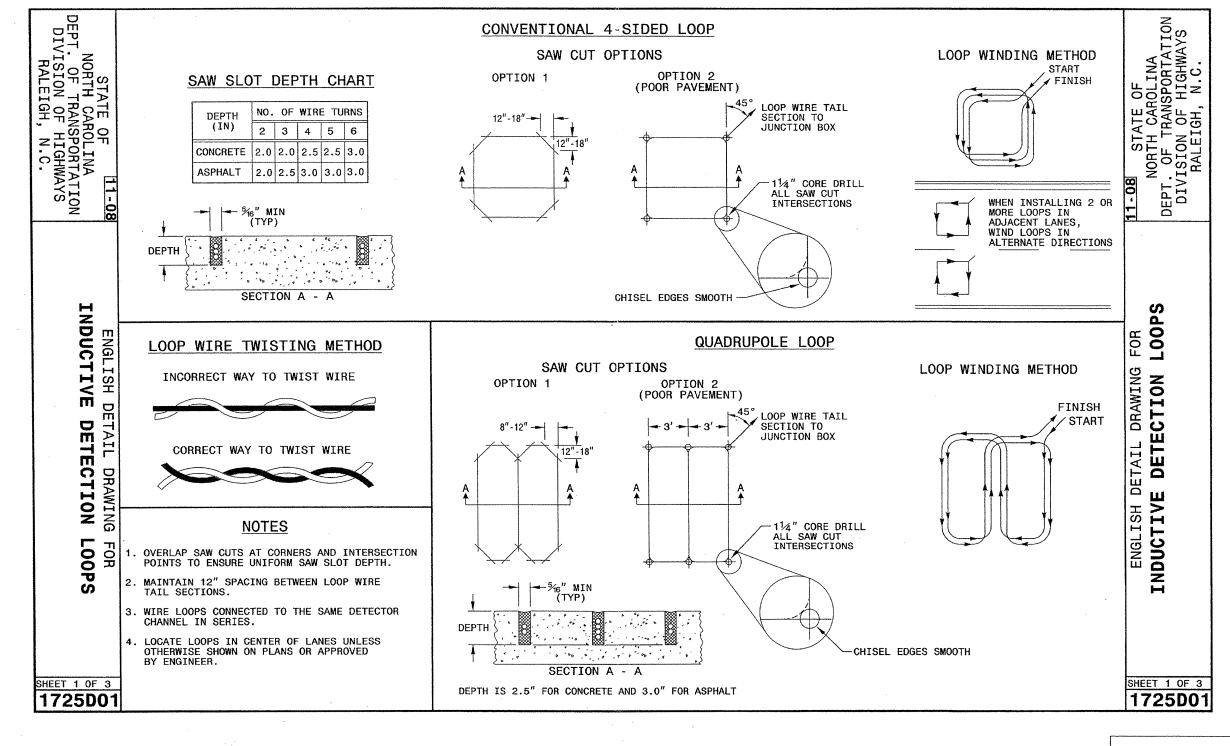
HIGHWAY WORK ZONE WORK W20-1 48"X48" AHEAD G20-2a 48"x24' ROAD WORK CONSTRUCTION LIMITS-**END** ROAD WORK G20-2a

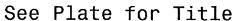
ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)

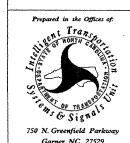


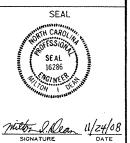
GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.



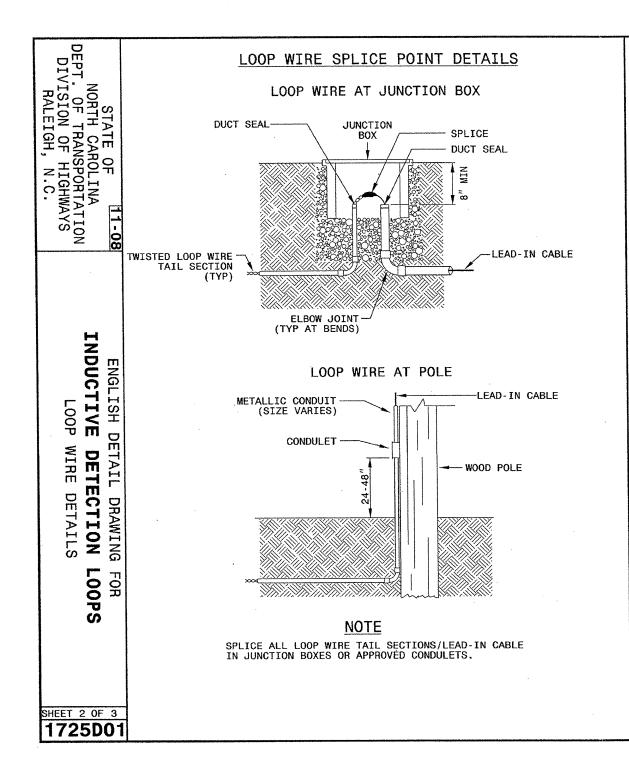






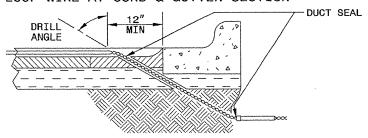
d: *work files *0-standard plote sheets *17250101

PROJECT REFERENCE NO. SHEET NO. Sig. 3

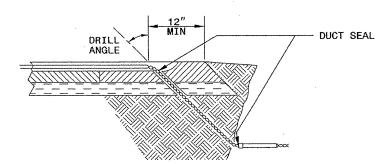


LOOP WIRE PAVEMENT EDGE DETAILS

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.

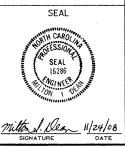
11.08 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

FOR LOOPS DETAIL DRAWING F
DETECTION L
WIRE DETAILS DETAIL INDUCTIVE LOOP | ENGLISH

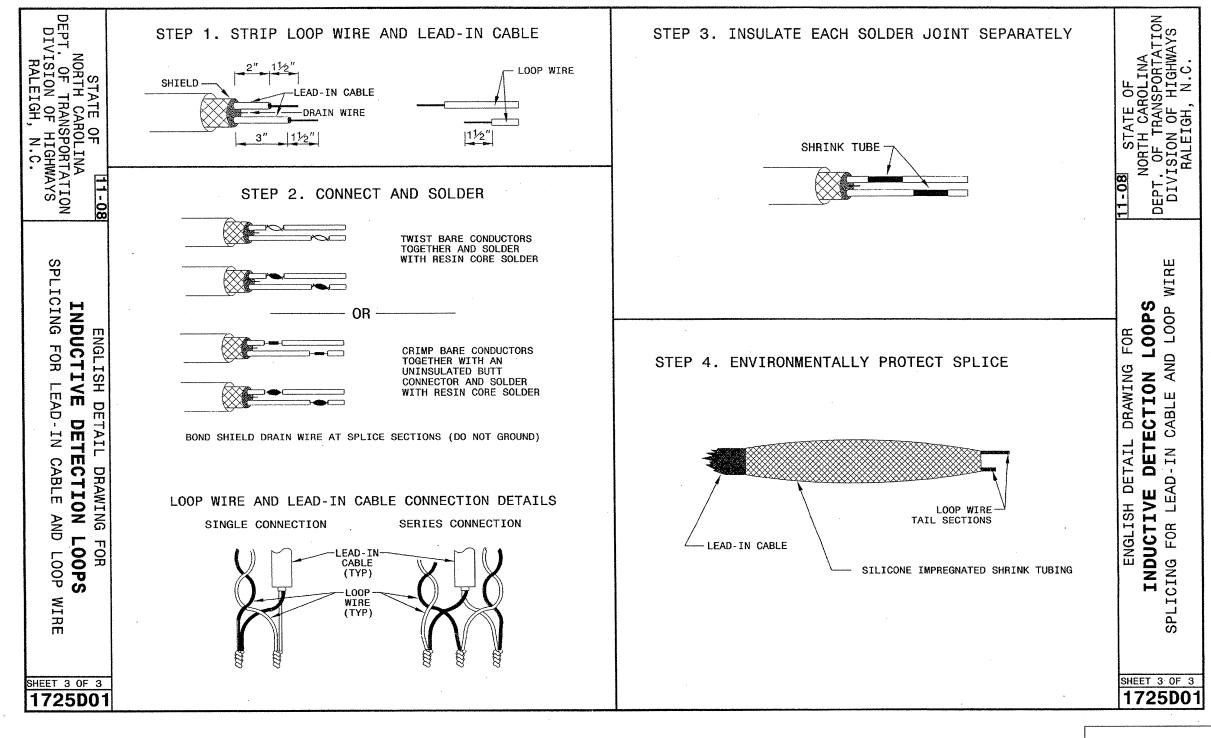
SHEET 2 OF 3 1725D01

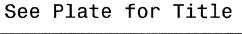
See Plate for Title



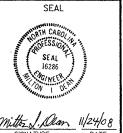


PROJECT REFERENCE NO. SHEET NO. Sig. 4









c4.NUV=2000 US:30
d:**orK files**0-stondord plote sheets**17250
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