

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAYNE COUNTY

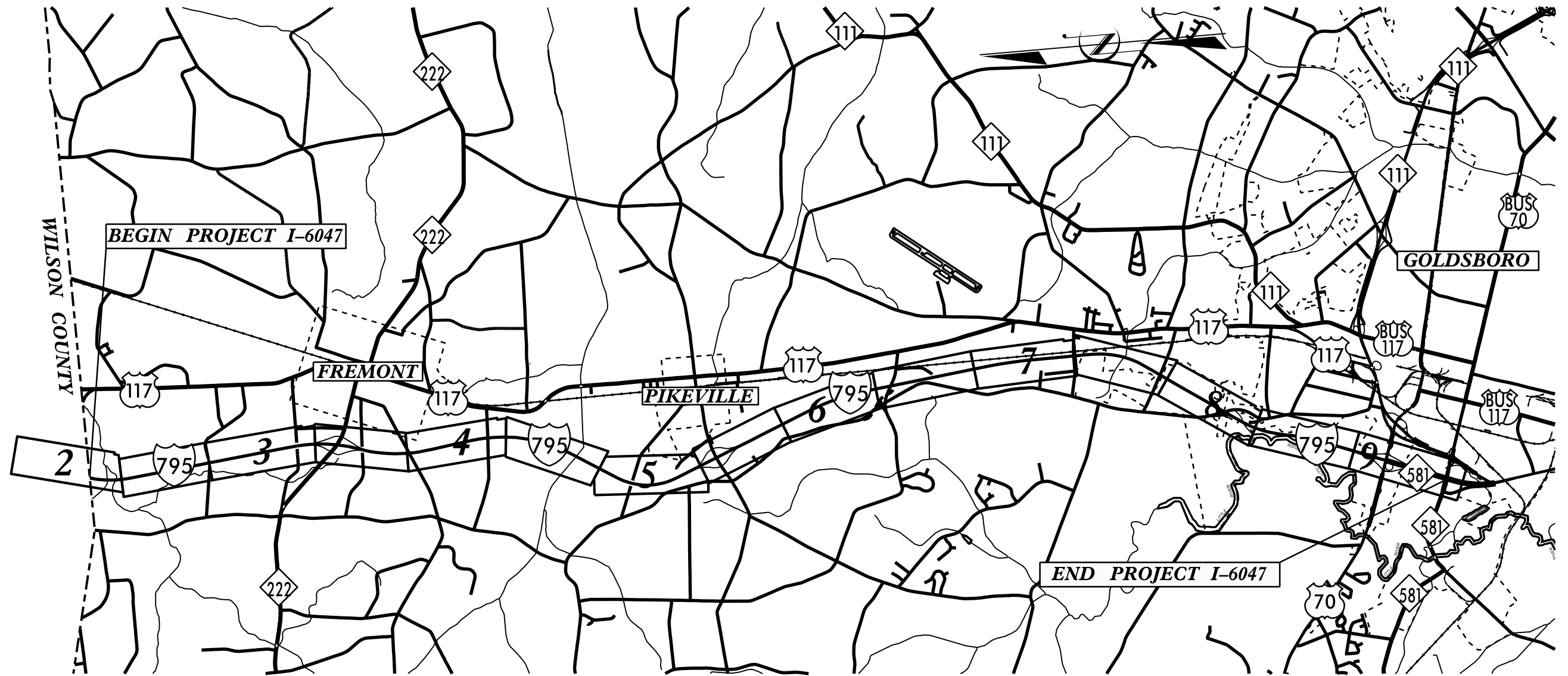
LOCATION: I-795 FROM WILSON COUNTY LINE TO SR 2075 (ASH ST.)

TYPE OF WORK: DRAINAGE, GRADING & GUARDRAIL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-6047	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
47996.1.1		PE	
47996.3.GVI	NHPIM-0795(008)	CONST	

TIP PROJECT: I-6047

CONTRACT: C204377



VICINITY MAP AND PROJECT LAYOUT

GRAPHIC SCALES



DESIGN DATA

LENGTH ROADWAY TIP PROJECT I-6047 = 14.200 MILES
TOTAL LENGTH TIP PROJECT I-6047 = 14.200 MILES

FUNCTIONAL CLASS
INTERSTATE
STATEWIDE TIER

Prepared In the Office of:
DIVISION OF HIGHWAYS
Division 4 DDC

509 Ward Blvd., Wilson NC, 27895

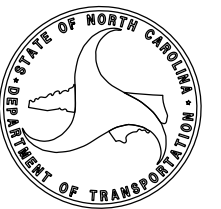
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
DECEMBER 17, 2019

RONNIE KEETER, PE
PROJECT ENGINEER

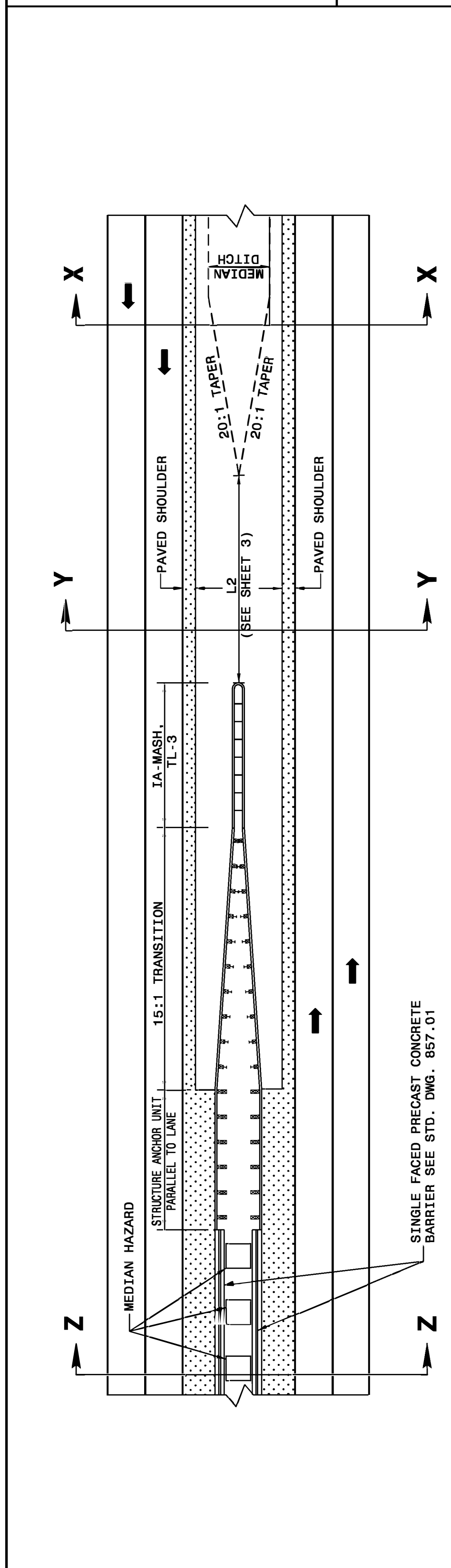
D.R. ETHRIDGE
PROJECT DESIGN ENGINEER



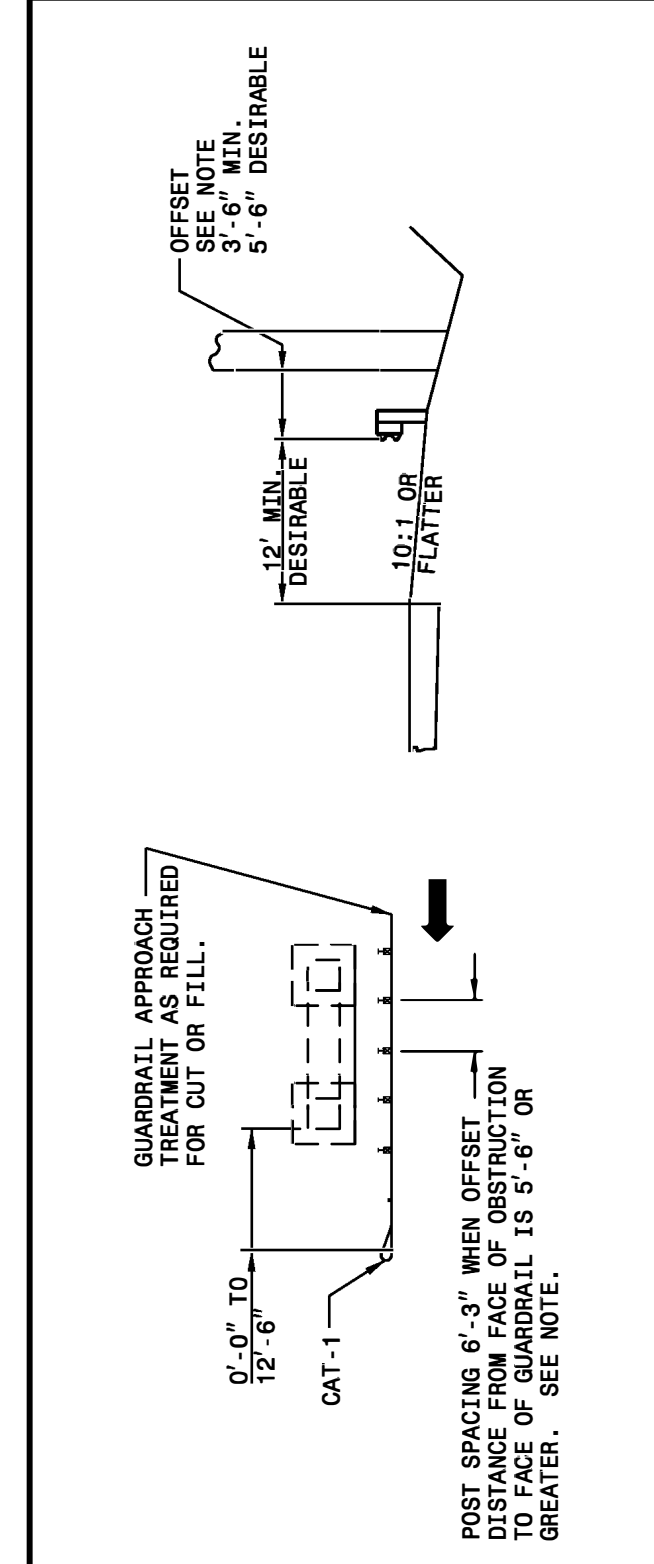
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

SHEET 1 OF 11
862D01



SINGLE FACED PRECAST CONCRETE BARRIER SEE STD. DWG. 857.01



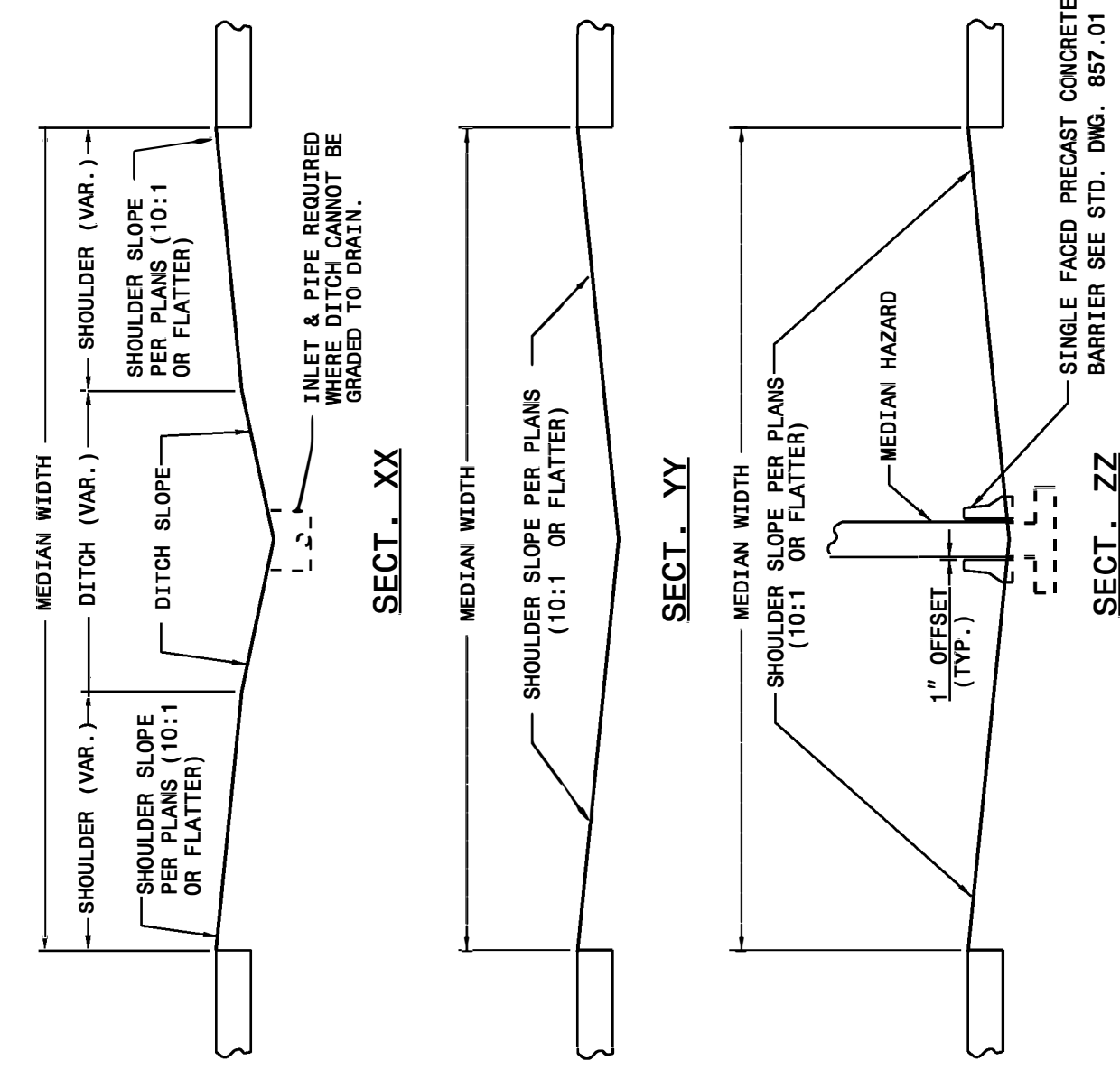
NOTE: WHEN OFFSET DISTANCE FROM FACE OF OBSTRUCTION TO FACE OF GUARDRAIL IS BETWEEN 3'-6" AND 5'-6", BEGIN 3'-1 1/2" POST SPACING AT A POINT 25' BEFORE REACHING THE OBSTRUCTION AND CARRY THROUGHOUT ITS LENGTH. IF THE OFFSET IS LESS THAN 3'-6" USE CONCRETE BARRIER.

DETAIL OF RIGHT SIDE GUARDRAIL AT UNDERPASS

SHEET 1 OF 11
862D01

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

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

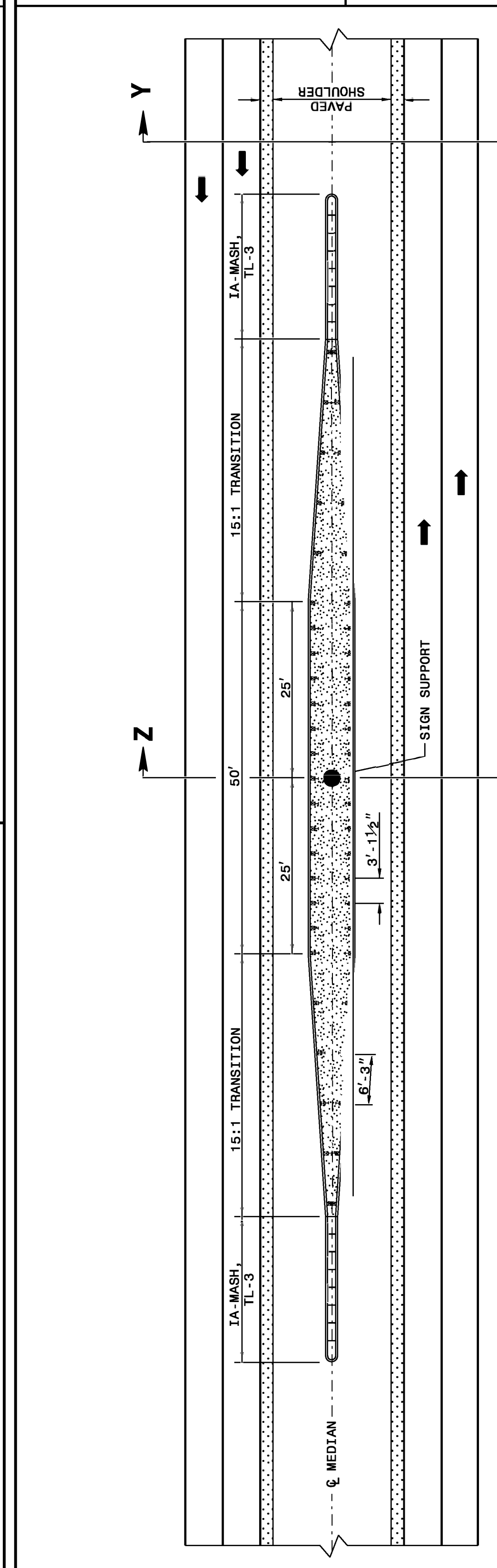


DETAIL OF MEDIAN TREATMENT AT UNDERPASS

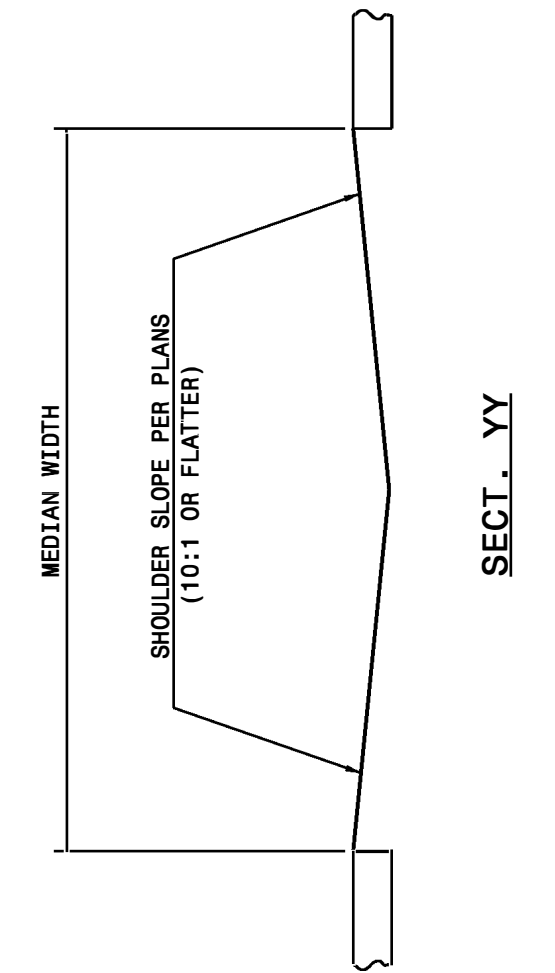
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

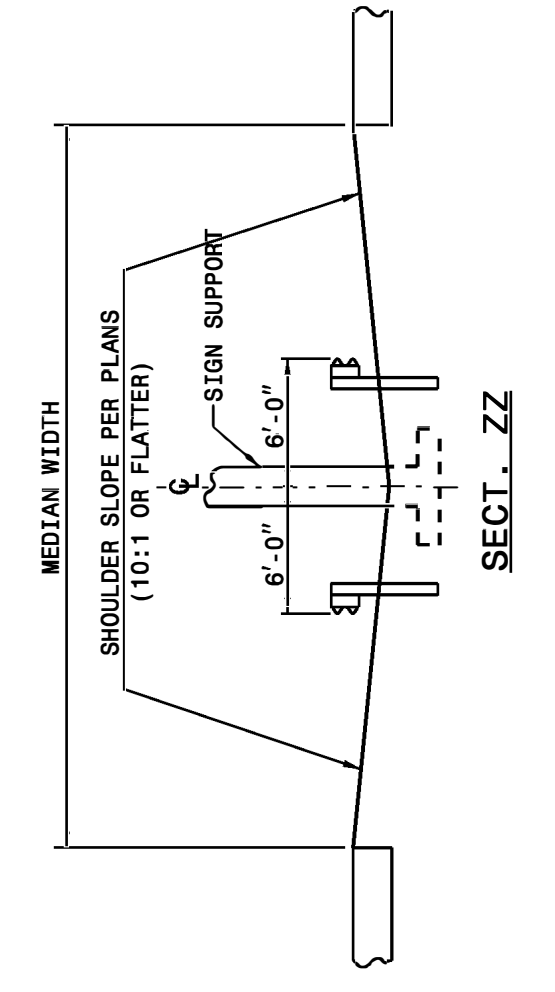
SHEET 2 OF 11
862D01



NOTE SPECIAL LAYER OF PAVEMENT
 USE 3'-1 1/2" POST SPACING ON THE 50' OF GUARDRAIL PARALLEL TO LANES AND 6'-3" POST SPACING ON 15:1 TRANSITION SECTIONS.
 GRADE MEDIAN IN THE VICINITY OF THE SIGN SUPPORT AS ILLUSTRATED IN THE ROADWAY STANDARD DRAWINGS (STANDARD 862.01 SHEET 1 OF 12).



SECTION YY



SECTION ZZ

DETAIL OF GUARDRAIL AT MEDIAN SIGN SUPPORT

SHEET 2 OF 11
862D01

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

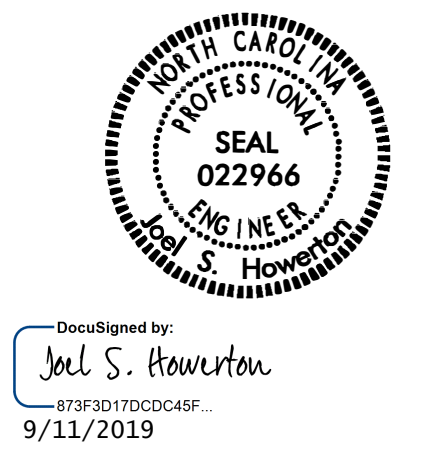
ROADWAY DETAIL DRAWING FOR
GUARDRAIL PLACEMENT

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 08-23-18
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC.:

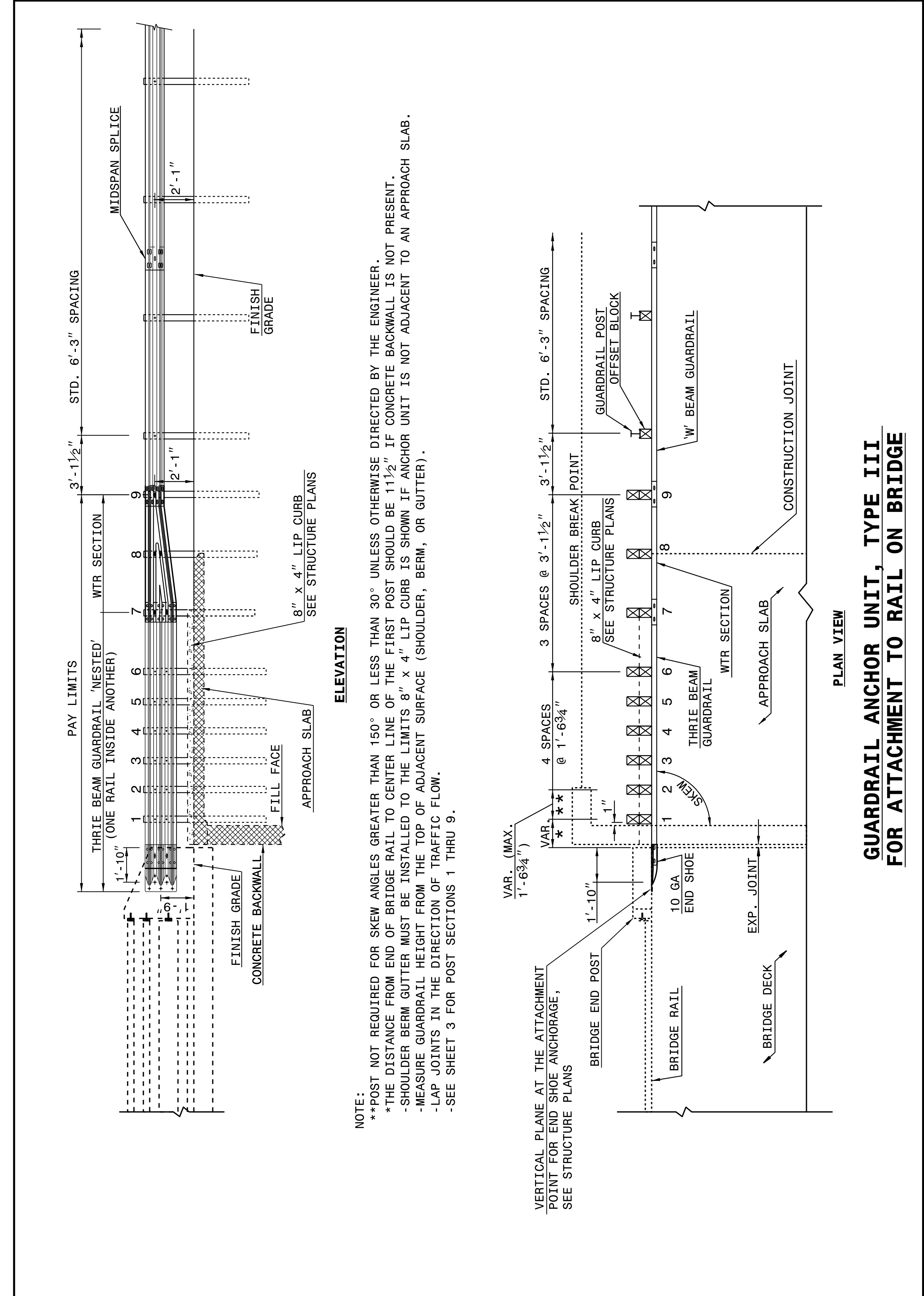


I4-DEC-2017 10:36 S:\Contracts\Projects\Special Details\Standard Drawings\Division 8\0862d0301.dgn Jhowerton AT_CSD-292595

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

ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7 **862D03**



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

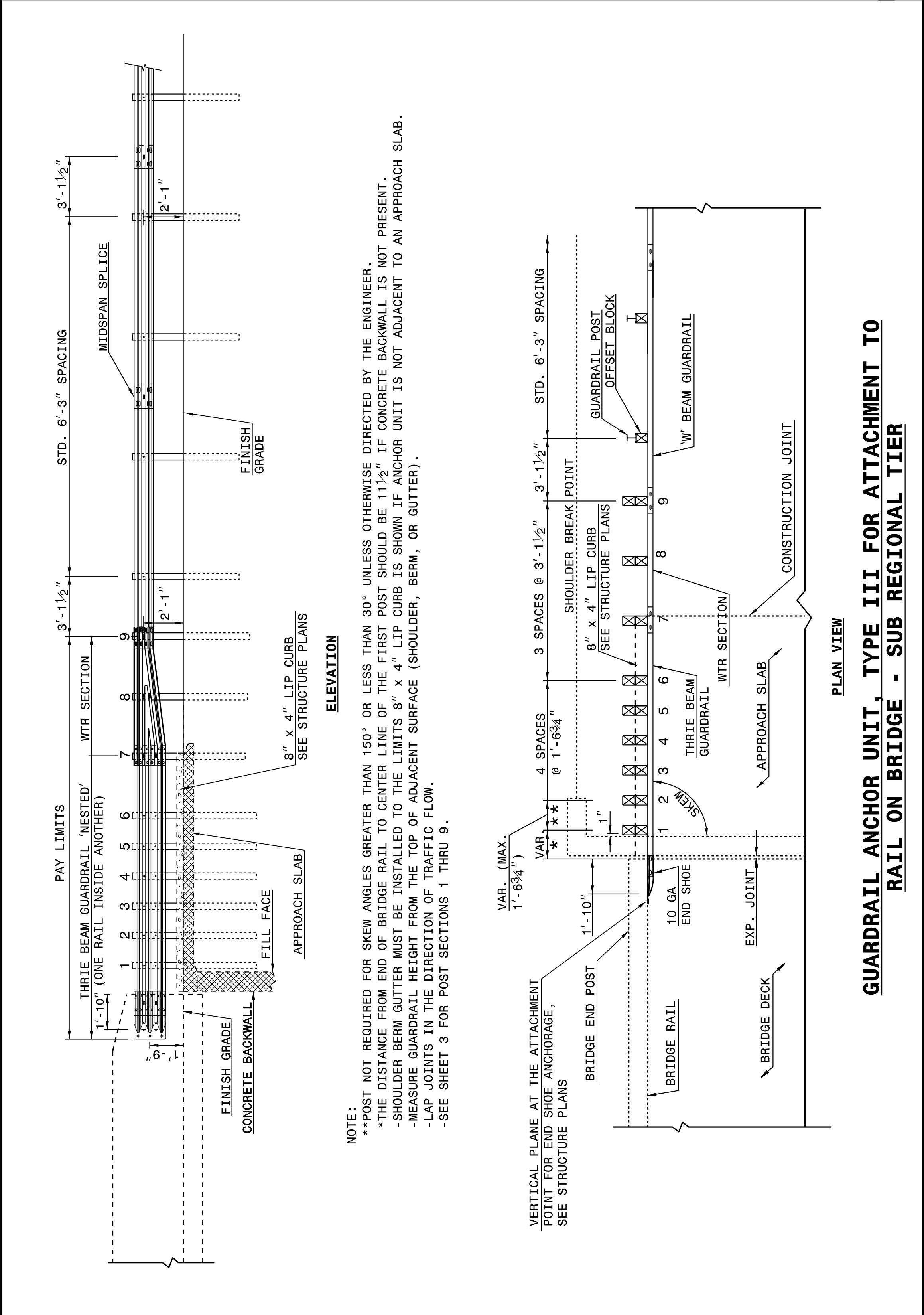
ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7 **862D03**

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

ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7 **862D03**



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

ROADWAY DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7 **862D03**

NOTE:
 **POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 *THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 11½" IF CONCRETE BACKWALL IS NOT PRESENT.
 -SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 8" x 4" LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB.
 -MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
 -LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
 -SEE SHEET 3 FOR POST SECTIONS 1 THRU 9.

NOTE:
 **POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 *THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 11½" IF CONCRETE BACKWALL IS NOT PRESENT.
 -SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 8" x 4" LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB.
 -MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
 -LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
 -SEE SHEET 3 FOR POST SECTIONS 1 THRU 9.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

SEE TITLE BLOCK

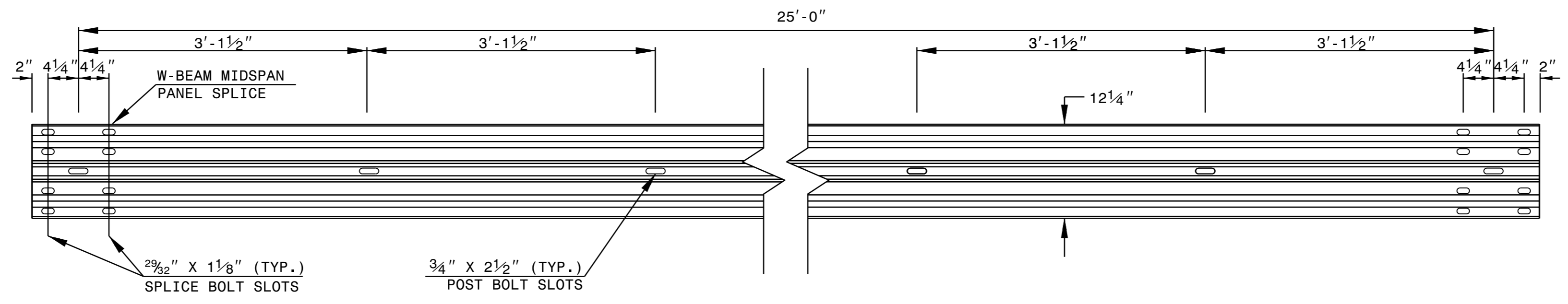
ORIGINAL BY: J HOWERTON DATE: 06-22-12
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC.:



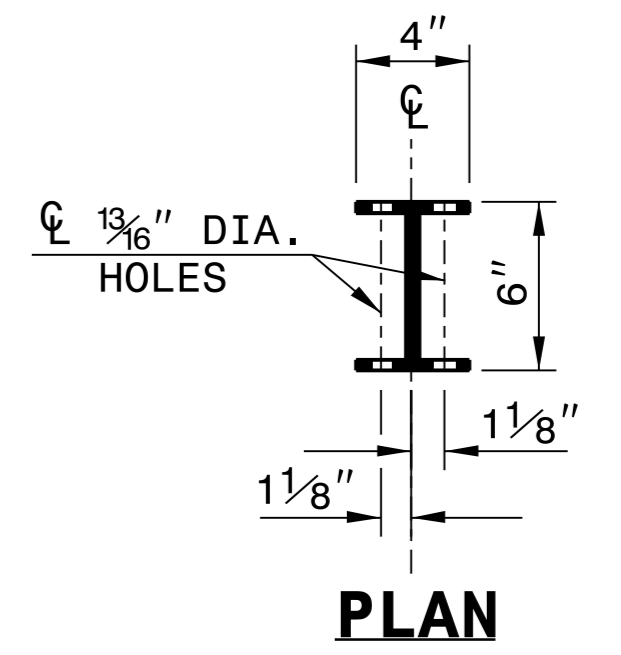
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

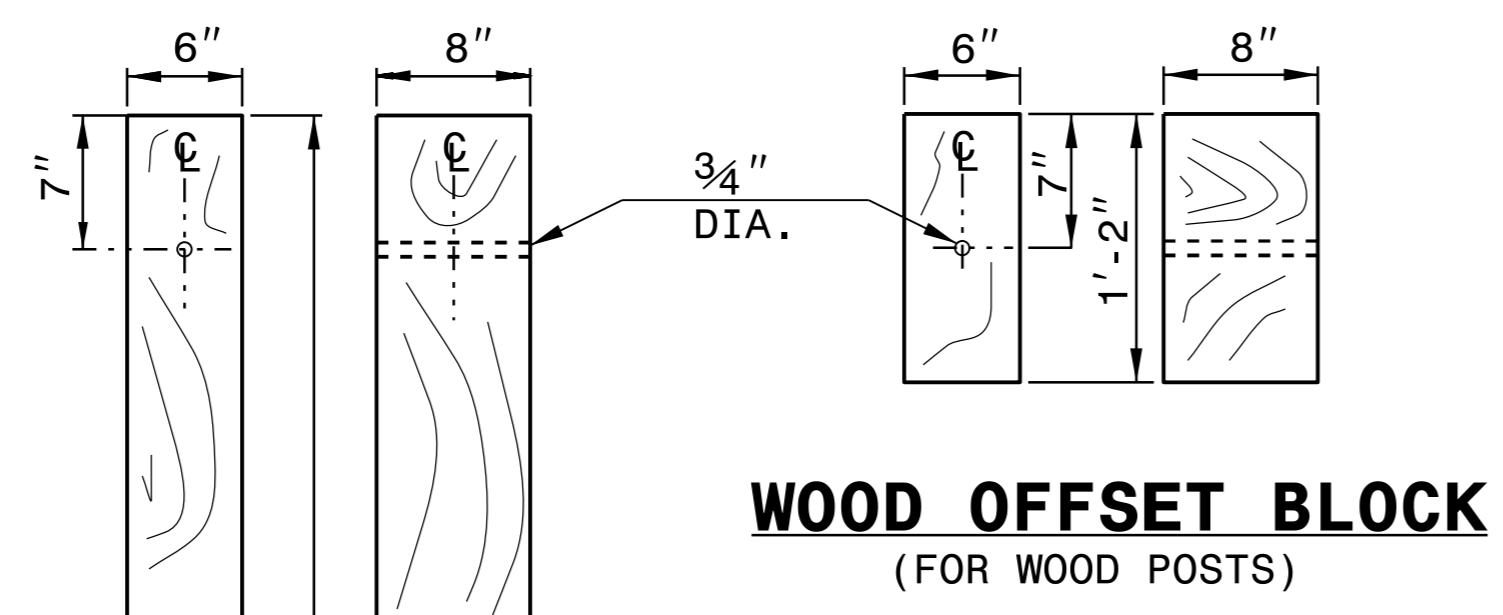
SHEET 6 OF 8
862D02



STANDARD W-BEAM GUARDRAIL



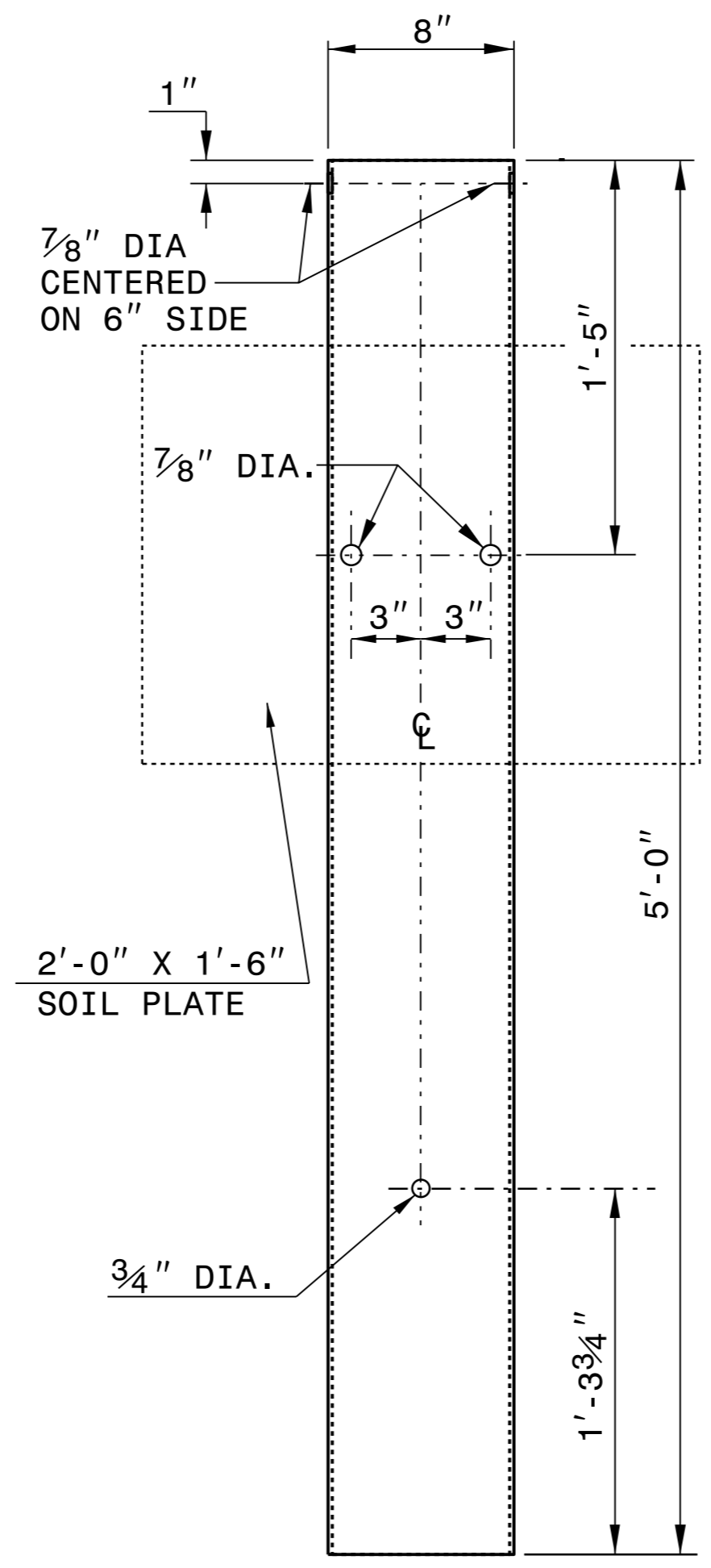
PLAN



WOOD OFFSET BLOCK
(FOR WOOD POSTS)

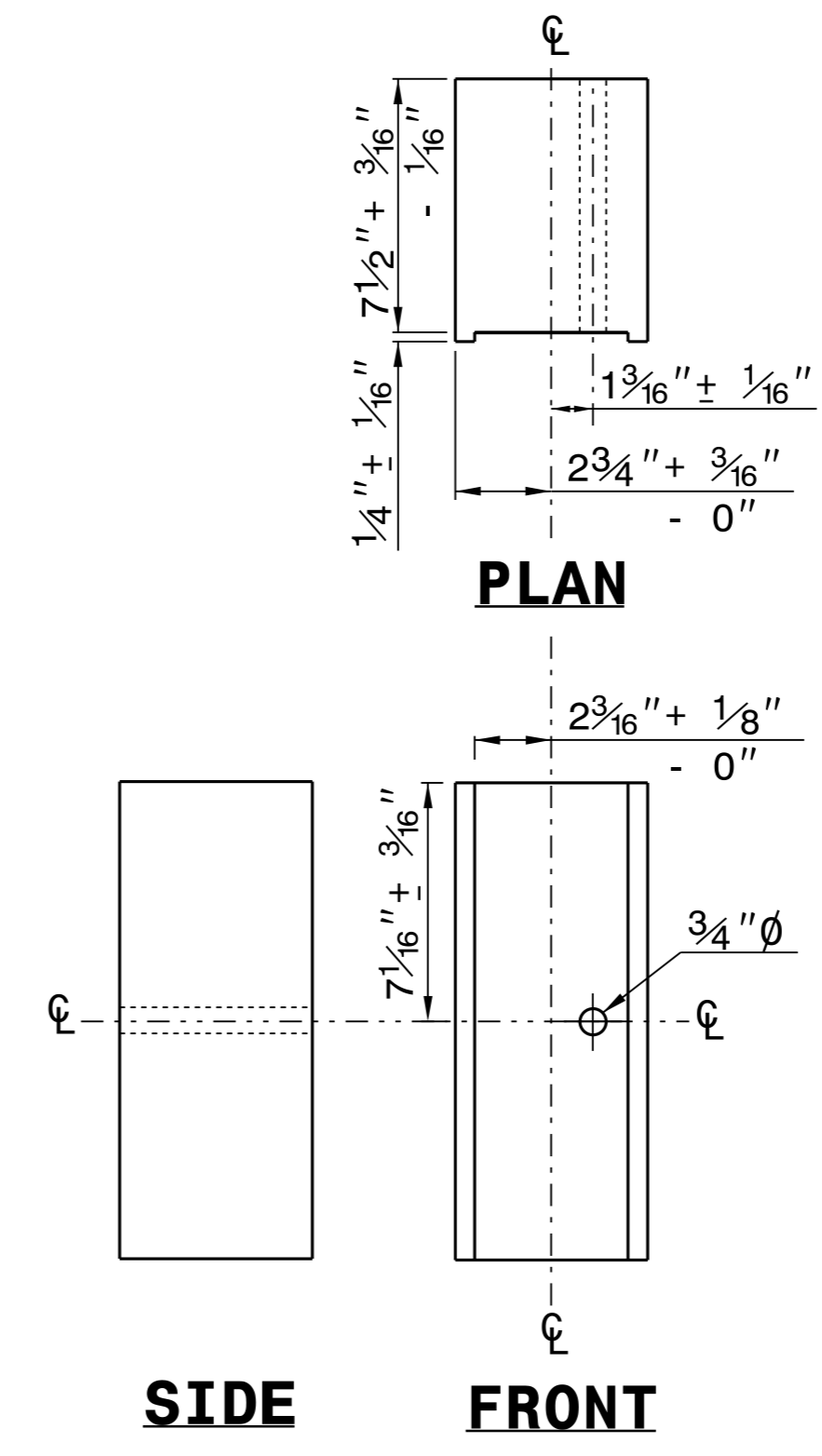
STANDARD LINE POST

SHORT WOOD BREAKAWAY POST



STEEL TUBE
TS 6"x8"x0.1875"

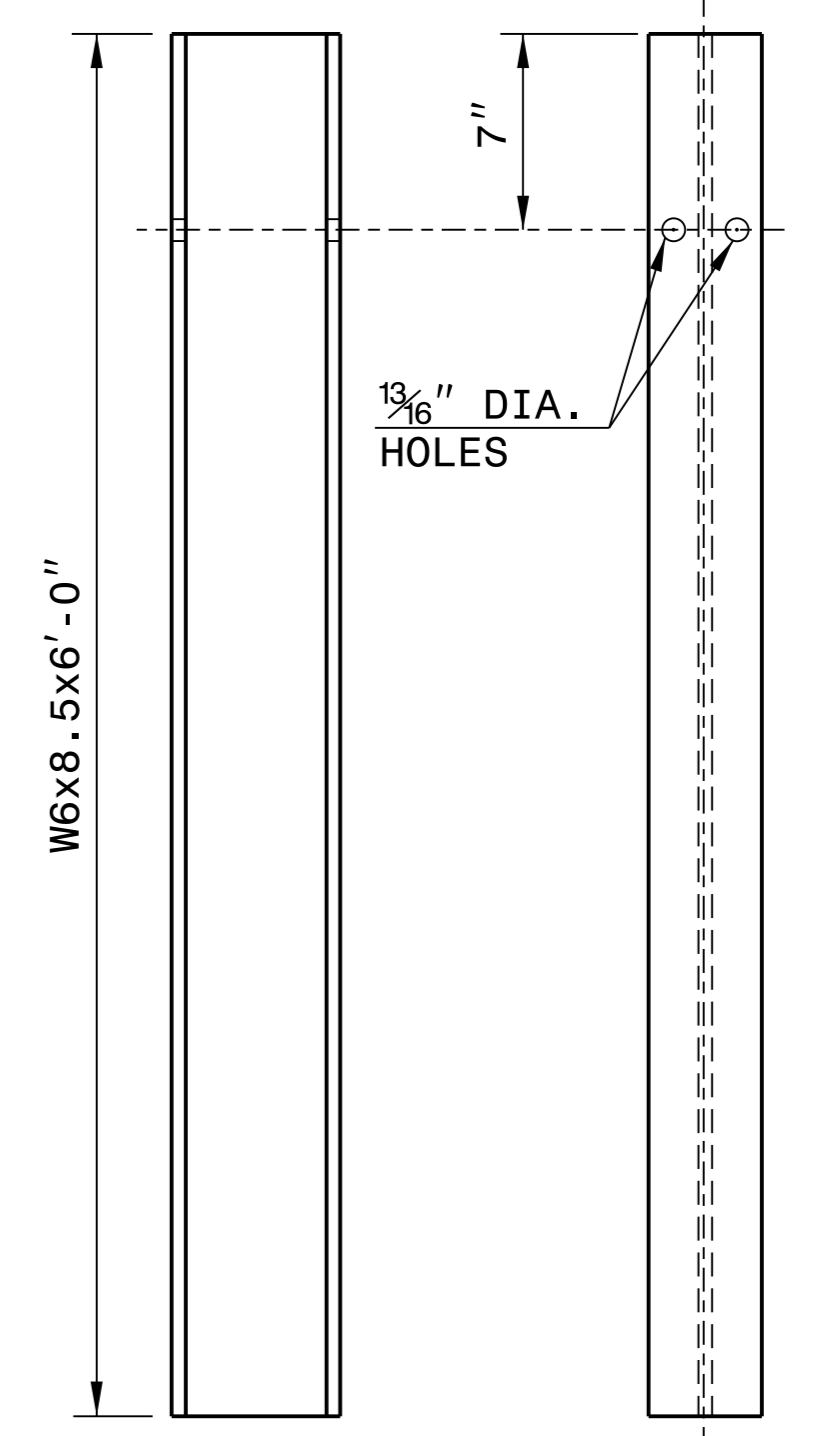
SYSTEM PARTS



PLAN

SIDE

FRONT



SIDE

FRONT

"W6" STEEL POST

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

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02



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

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 3-7-2018
MODIFIED BY: DATE: _____
CHECKED BY: DATE: _____
FILE SPEC.: _____

SUMMARY OF QUANTITIES

PROJECT NO. SHEET NO.

I-6047 47996.3.GV1 3B-1

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	SUPPLEMENTARY CLEARING & GRUBBING	UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS III	18" RC PIPE CULVERTS, CLASS III	24" RC PIPE CULVERTS, CLASS III	30" RC PIPE CULVERTS, CLASS III	36" RC PIPE CULVERTS, CLASS III	15" CS PIPE CULVERTS, 0.064" THICK	15" CS PIPE ELBOWS, 0.064" THICK	PIPE REMOVAL	INCIDENTAL STONE BASE	PIPE COLLARS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.22	
				ACR 0008000000-E	CY 0022000000-E	CY 0106000000-E	TON 0318000000-E	SY 0320000000-E	LF 0366000000-E	LF 0372000000-E	LF 0378000000-E	LF 0384000000-E	LF 0390000000-E	LF 0582000000-E	EA 0636000000-E	LF 0995000000-E	TON 1220000000-E	CY 2253000000-E	CY 2275000000-E	EA 2286000000-N	LF 2308000000-E	EA 2365000000-N	
		0201	MEDIAN			145																	
		0202	NB SHOULDER	0.36																			
		0203	MEDIAN			115																	
		0204	NB SHOULDER	0.11																			
		0205	MEDIAN			120																	
		0206	NB SHOULDER			165																	
		0207	MEDIAN			85																	
		0208	SB SHOULDER			80																	
		0209	MEDIAN			70																	
		0210	SB SHOULDER	0.35																			
		0211	SB SHOULDER			280																	
		0212	NB SHOULDER			40																	
		0213	SB SHOULDER			335																	
		0214	NB SHOULDER	0.28																			
		0215	MEDIAN			35	2	6	16							16		0.7980	10	1		1	
		0216	MEDIAN			15																	
		0217	NB SHOULDER			150																	
		0218	MEDIAN			180	2	6	8			8				16		1.0550	10	1		1	
		0219	SB SHOULDER																				
		0301	NB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0302	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0303	SB SHOULDER			475																	
		0304	NB SHOULDER	0.15		10	4	11						32	2					10	1		
		0305	MEDIAN			10	2	6	16							16		0.7980	10	1		1	
		0306	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0307	NB SHOULDER			65																	
		0308	MEDIAN			230																	
		0309	MEDIAN																				
		0310	SB SHOULDER																				
		0311	MEDIAN																				
		0312	NB SHOULDER			155																	
		0313	MEDIAN			10	2	6	16							16		0.7980	10	1		1	
		0314	MEDIAN			80																	
		0315	SB SHOULDER			275																	
		0316	MEDIAN			10	2	6	16							16		0.8930	10	1		1	
		0317	NB SHOULDER			50	1	3	8							8		0.3990	10	1		1	
		0318	MEDIAN			210	2	6	16							16		0.7980	10	1		1	
		0319	NC-222 RAMP																				
		0320	NC-222 RAMP																				
		0321	MEDIAN			145	2	6	16							16		0.8930					
		0322	SB SHOULDER			85	1	3	8							8		0.3990	10	1		1	
		0323	SB SHOULDER				1	3	8							8		0.4465					
		0324	NB EXIT RAMP			80																	
		0325	NB SHOULDER																				
		0326	NC-222 RAMP																				
		0327	NC-222 RAMP																				
		0328	MEDIAN			140																	
		0329	MEDIAN			305	2	6	16							16		0.7980	10	1		1	
		0330	SB SHOULDER			10	1	3	8							8		0.3990	10	1	0.5	1	
		0331	MEDIAN			140	2	6	16							16		0.7980	10	1		1	
		0401	NB SHOULDER			40																	
		0402	SB SHOULDER			45																	
		0403	NB SHOULDER			70	1	3	8							8		0.4465					
		0404	MEDIAN																				
		0405	MEDIAN			85	2	6	16							16		0.7980	10	1		1	
		0406	NB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0407	MEDIAN			60	2	6	16							16		0.7980	10	1		1	
		0408	NB SHOULDER			45																	
		0409	MEDIAN			10	2	6	16							16		0.7980	10	1		1	
		0410	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0411	MEDIAN			10	2	6	16							16		0.8930	10	1		1	
		0412	NB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0413	MEDIAN			10	1	3	8							8		0.3990	10	1		1	
		0414	MEDIAN			10	2	6	8							16		0.8455	10	1		1	
		0415	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0416	MEDIAN																				
		0417	NB SHOULDER			65																	
		0418	NB SHOULDER			40																	
		0419	MEDIAN			95	4	11	16	8	8					32		1.7971	10	1		1	
		0420	NB SHOULDER			75																	
		0421	MEDIAN			170	3	8	8			8	8			24		1.6076	10	1		1	
		0422	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0423	MEDIAN			170	4	11	16			16				32		2.1100	10	1		1	
		0424	SB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0425	SB SHOULDER			110																	
		0426	MEDIAN			925	15	41	56			24	40			120		8.5810	40	4	0.5	4	
		0427	NB SHOULDER			10	1	3	8							8		0.3990	10	1		1	
		0428	NB SHOULDER			220																	
		0429	SB SHOULDER			285	1	3	8							8		0.3990	10	1		1	
SHEET 3B-1 TOTAL				1.25		6940	75	217	376	80	16	56	40	32	2	568		32.7352	360	36	1	35	

I-6047 47996.3.GV1 WAYNE

SUMMARY OF QUANTITIES

PROJECT NO. I-6047 47996.3.GV1
SHEET NO. 3B-2

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	SUPPLEMENTARY CLEARING & GRUBBING	UNCLASSIFIED EXCAVATION	BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS III	18" RC PIPE CULVERTS, CLASS III	24" RC PIPE CULVERTS, CLASS III	30" RC PIPE CULVERTS, CLASS III	36" RC PIPE CULVERTS, CLASS III	15" CS PIPE CULVERTS, 0.064" THICK	15" CS PIPE ELBOWS, 0.064" THICK	PIPE REMOVAL	INCIDENTAL STONE BASE	PIPE COLLARS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.22	
				ACR 0008000000-E	CY 0022000000-E	CY 0106000000-E	TON 0318000000-E	SY 0320000000-E	LF 0366000000-E	LF 0372000000-E	LF 0378000000-E	LF 0384000000-E	LF 0390000000-E	LF 0582000000-E	EA 0636000000-E	LF 0995000000-E	TON 1220000000-E	CY 2253000000-E	CY 2275000000-E	EA 2286000000-N	LF 2308000000-E	EA 2365000000-N	
		0430	NB SHOULDER			145																	
		0431	SB SHOULDER																				
		0432	NB SHOULDER			10	1	3	8							8			0.3990	10	1		1
		0433	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0434	MEDIAN			225	2	6				16				16			1.3120	10	1		1
		0435	NB SHOULDER			10	2	6				16				16			1.3120	10	1		1
		0436	NB SHOULDER			385																	
		0437	NB SHOULDER			10	2	6	8	8						16			0.8455	10	1		1
		0438	MEDIAN			10	4	11	16		8	8				32			2.0066	10	1		1
		0439	NB SHOULDER			475	1	3	8							8			0.3990	10	1		1
		0501	MEDIAN			10	4	11	16			16				32			1.9032	10	1		1
		0502	SB SHOULDER			10	1	3	8							8			0.3990	10	1		1
		0503	SB SHOULDER																				
		0504	MEDIAN			215	4	11	16	8	8					32			1.7971	10	1		1
		0505	NB SHOULDER			10	1	3	8							8			0.3990	10	1		1
		0506	SB SHOULDER			10	1	3	8							8			0.3990	10	1		1
		0507	NB SHOULDER			50																	
		0508	NB SHOULDER			10	1	3	8							8			0.3990	10	1		1
		0509	MEDIAN			325																	
		0510	SB SHOULDER	0.62																			
		0511	NB SHOULDER	0.27																			
		0512	NB SHOULDER			170																	
		0513	SB SHOULDER			160																	
		0514	SB SHOULDER																				
		0515	MEDIAN			10	1	3	8							8			0.3990	10	1	0.5	1
		0516	MEDIAN			505																	
		0517	SB SHOULDER			615																	
		0518	SR-1002 RAMP																				
		0519	SR-1002 RAMP																				
		0520	MEDIAN																				
		0521	NB SHOULDER			405	2	6			16					16			1.1052	10	1	1	1
		0522	SR-1002 RAMP			195																	
		0523	SR-1002 RAMP																				
		0524	SR-1002 RAMP																				
		0525	MEDIAN			10	1	3	8														
		0526	NB SHOULDER			670	4	11						32	2	8			0.3990	10	1		1
		0527	MEDIAN			230	2	6	16							16			0.7980	10	1		1
		0528	SB SHOULDER			205	4	11															
		0529	SB SHOULDER			120								32	2					10	1		
		0530	NB SHOULDER			230																	
		0531	MEDIAN			90																	
		0601	MEDIAN			100																	
		0602	NB SHOULDER			45																	
		0603	NB SHOULDER			160																	
		0604	MEDIAN			205																	
		0605	SB SHOULDER			245																	
		0606	MEDIAN			10	1	3				8				8			0.5526	10	1		1
		0607	NB SHOULDER																				
		0608	MEDIAN			190	1	3				8				8			0.5526	10	1	1	1
		0609	SB SHOULDER																				
		0610	MEDIAN			185	2	6	16							16			0.7980	10	1		1
		0611	MEDIAN																				
		0612	MEDIAN			10	3	8	24							24			1.1970	10	1		1
		0613	MEDIAN			65	4	11	24	8						32			1.6435	10	1	1	1
		0614	NB SHOULDER																				
		0615	SB SHOULDER			100																	
		0616	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0617	NB SHOULDER			110																	
		0701	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0702	SB SHOULDER																				
		0703	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0704	NB SHOULDER			305																	
		0705	MEDIAN			10	3	8	8	16						24			1.2920	10	1		1
		0706	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0707	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0708	NB SHOULDER			75																	
		0709	SB SHOULDER	0.64		10	4	11						32	2					10	1		
		0710	MEDIAN			10	1	3	8							8			0.3990	10	1		1
		0711	NB SHOULDER	0.48		10	4	11						32	2					10	1		
		0712	SB SHOULDER																				
		0713	MEDIAN																				
		0714	NB SHOULDER	1.09																			
		0715	MEDIAN																				
		0716	MEDIAN			10	4	11	16			16				32			2.1100	10	1		1
		0717	SB SHOULDER			200																	
		0718	NB SHOULDER																				
		0719	SB SHOULDER			185																	
		0720	MEDIAN			10	2	6				16				16			1.3120	10	1	1.5	1
		0721	MEDIAN				2	6				16				16			1.3120				
SHEET 3B-2 TOTAL				3.10		7835	75	214	280	40	64	88		128	8	472		27.8343	350	35	5	31	

I-6047 47996.3.GV1 WAYNE

SUMMARY OF QUANTITIES

PROJECT NO.
I-6047 47996.3.GV1

SHEET NO.
3B-4

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	FRAME WITH TWO GRATES, STD 840.29	GENERIC DRAINAGE ITEM - CONCRETE APRON FOR DROP INLETS	SHOULDER BERM GUTTER	IMPACT ATTENUATOR UNITS, TYPE TL-3	STEEL BEAM GUARDRAIL	ADDITIONAL GUARDRAIL POSTS	GUARDRAIL END UNITS, TYPE CAT-1	GUARDRAIL ANCHOR UNITS, TYPE III	GUARDRAIL END UNITS, TYPE TL-3	REMOVE EXISTING GUARDRAIL	RIP RAP, CLASS B	GEOTEXTILE FOR DRAINAGE	WORK ZONE SIGNS (STATIONARY)	PORTABLE CHANGEABLE MESSAGE SIGN	WORK ZONE DIGITAL SPEED LIMIT SIGNS	TEMPORARY CRASH CUSHIONS	REMOVE & RESET TEMPORARY CRASH CUSHION	PORTABLE CONCRETE BARRIER	REMOVE & RESET PORTABLE CONCRETE BARRIER
				EA 2367000000-N	EA 2473000000-N	LF 2556000000-E	EA 3001000000-N	LF 3030000000-E	EA 3150000000-N	EA 3210000000-N	EA 3287000000-N	LF 3360000000-E	TON 3649000000-E	SY 3656000000-E	SF 4400000000-E	EA 4420000000-N	EA 4423000000-N	EA 4465000000-N	EA 4470000000-N	EA 4485000000-E	LF 4485000000-E	LF 4500000000-E
		0201	MEDIAN																			
		0202	NB SHOULDER					262.5		1	1		287.5	781	1735				1		1000	
		0203	MEDIAN					75.0				1	37.5									
		0204	NB SHOULDER					237.5			1	1	312.5	246	545					1		1000
		0205	MEDIAN					75.0				1	37.5									
		0206	NB SHOULDER																			
		0207	MEDIAN																			
		0208	SB SHOULDER																			
		0209	MEDIAN																			
		0210	SB SHOULDER					350.0		1		1	412.5	766	1705					1		1000
		0211	SB SHOULDER																			
		0212	NB SHOULDER																			
		0213	SB SHOULDER					50.0				1	100.0									
		0214	NB SHOULDER					762.5		1		1	825.0	601	1335					1		1000
		0215	MEDIAN																			
		0216	MEDIAN																			
		0217	NB SHOULDER																			
		0218	MEDIAN																			
		0219	SB SHOULDER					50.0				1	100.0									
		0301	NB SHOULDER																			
		0302	SB SHOULDER																			
		0303	SB SHOULDER																			
		0304	NB SHOULDER	1		225		225.0		1		1	287.5	327	730					1		1000
		0305	MEDIAN																			
		0306	SB SHOULDER																			
		0307	NB SHOULDER																			
		0308	MEDIAN																			
		0309	MEDIAN					75.0				1	37.5									
		0310	SB SHOULDER					50.0				1	100.0									
		0311	MEDIAN					75.0				1	37.5									
		0312	NB SHOULDER					50.0				1	100.0									
		0313	MEDIAN																			
		0314	MEDIAN																			
		0315	SB SHOULDER																			
		0316	MEDIAN																			
		0317	NB SHOULDER																			
		0318	MEDIAN																			
		0319	NC-222 RAMP					50.0				1	100.0									
		0320	NC-222 RAMP					50.0				1	100.0									
		0321	MEDIAN				2	150.0					200.0									
		0322	SB SHOULDER																			
		0323	SB SHOULDER																			
		0324	NB EXIT RAMP																			
		0325	NB SHOULDER		1																	
		0326	NC-222 RAMP					50.0				1	100.0									
		0327	NC-222 RAMP					50.0				1	100.0									
		0328	MEDIAN																			
		0329	MEDIAN																			
		0330	SB SHOULDER																			
		0331	MEDIAN				1	75.0					100.0									
		0401	NB SHOULDER																			
		0402	SB SHOULDER																			
		0403	NB SHOULDER																			
		0404	MEDIAN				1	75.0					100.0									
		0405	MEDIAN																			
		0406	NB SHOULDER																			
		0407	MEDIAN																			
		0408	NB SHOULDER																			
		0409	MEDIAN																			
		0410	SB SHOULDER																			
		0411	MEDIAN																			
		0412	NB SHOULDER																			
		0413	MEDIAN																			
		0414	MEDIAN																			
		0415	SB SHOULDER																			
		0416	MEDIAN				2	150.0					200.0									
		0417	NB SHOULDER																			
		0418	NB SHOULDER																			
		0419	MEDIAN																			
		0420	NB SHOULDER																			
		0421	MEDIAN																			
		0422	SB SHOULDER																			
		0423	MEDIAN																			
		0424	SB SHOULDER																			
		0425	SB SHOULDER																			
		0426	MEDIAN					75.0				1	37.5									
		0427	NB SHOULDER																			
		0428	NB SHOULDER																			
		0429	SB SHOULDER																			
SHEET 3B-4 TOTAL				1	1	225	6	3062.5		4	2	17	3712.5	2721	6050				1	4	1000	4000

I-6047 47996.3.GV1
WAYNE

SUMMARY OF QUANTITIES

PROJECT NO. I-6047 47996.3.GV1 SHEET NO. 3B-5

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	FRAME WITH TWO GRATES, STD 840.29	GENERIC DRAINAGE ITEM - CONCRETE APRON FOR DROP INLETS	SHOULDER BERM GUTTER	IMPACT ATTENUATOR UNITS, TYPE TL-3	STEEL BEAM GUARDRAIL	ADDITIONAL GUARDRAIL POSTS	GUARDRAIL END UNITS, TYPE CAT-1	GUARDRAIL ANCHOR UNITS, TYPE III	GUARDRAIL END UNITS, TYPE TL-3	REMOVE EXISTING GUARDRAIL	RIP RAP, CLASS B	GEOTEXTILE FOR DRAINAGE	WORK ZONE SIGNS (STATIONARY)	PORTABLE CHANGEABLE MESSAGE SIGN	WORK ZONE DIGITAL SPEED LIMIT SIGNS	TEMPORARY CRASH CUSHIONS	REMOVE & RESET TEMPORARY CRASH CUSHION	PORTABLE CONCRETE BARRIER	REMOVE & RESET PORTABLE CONCRETE BARRIER		
				EA	EA	LF	EA	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
I-6047 47996.3.GV1	WAYNE	0430	NB SHOULDER																					
		0431	SB SHOULDER					50.0					1	100.0										
		0432	NB SHOULDER																					
		0433	MEDIAN					75.0					1	37.5										
		0434	MEDIAN																					
		0435	NB SHOULDER							50.0				1	100.0									
		0436	NB SHOULDER																					
		0437	NB SHOULDER																					
		0438	MEDIAN																					
		0439	NB SHOULDER																					
		0501	MEDIAN																					
		0502	SB SHOULDER																					
		0503	SB SHOULDER							50.0				1	100.0									
		0504	MEDIAN																					
		0505	NB SHOULDER																					
		0506	SB SHOULDER																					
		0507	NB SHOULDER																					
		0508	NB SHOULDER																					
		0509	MEDIAN																					
		0510	SB SHOULDER							1262.5		1		1	1325.0	1358	3020					1		1000
		0511	NB SHOULDER							650.0		1		1	712.5	585	1300					1		1000
		0512	NB SHOULDER																					
		0513	SB SHOULDER																					
		0514	SB SHOULDER							50.0				1	100.0									
		0515	MEDIAN																					
		0516	MEDIAN						1	75.0					100.0									
		0517	SB SHOULDER																					
		0518	SR-1002 RAMP							50.0				1	100.0									
		0519	SR-1002 RAMP							50.0				1	100.0									
		0520	MEDIAN						1	75.0					100.0									
		0521	NB SHOULDER																					
		0522	SR-1002 RAMP																					
		0523	SR-1002 RAMP							50.0				1	100.0									
		0524	SR-1002 RAMP							50.0				1	100.0									
		0525	MEDIAN																					
		0526	NB SHOULDER	1				500		500.0		1		1	537.5							1		1000
		0527	MEDIAN																					
		0528	SB SHOULDER	1				350		350.0		1		1	350.0							1		1000
		0529	SB SHOULDER																					
		0530	NB SHOULDER																					
		0531	MEDIAN																					
		0601	MEDIAN																					
0602	NB SHOULDER																							
0603	NB SHOULDER																							
0604	MEDIAN																							
0605	SB SHOULDER																							
0606	MEDIAN																							
0607	NB SHOULDER							50.0				1	100.0											
0608	MEDIAN																							
0609	SB SHOULDER							50.0				1	100.0											
0610	MEDIAN							75.0				1	37.5											
0611	MEDIAN							75.0				1	37.5											
0612	MEDIAN																							
0613	MEDIAN																							
0614	NB SHOULDER							50.0				1	100.0											
0615	SB SHOULDER																							
0616	MEDIAN																							
0617	NB SHOULDER																							
0701	MEDIAN																							
0702	SB SHOULDER							50.0				1	100.0											
0703	MEDIAN																							
0704	NB SHOULDER							50.0				1	100.0											
0705	MEDIAN																							
0706	MEDIAN																							
0707	MEDIAN																							
0708	NB SHOULDER																							
0709	SB SHOULDER	1				675		675.0		1		1	737.5	1393	3095					1		1000		
0710	MEDIAN																							
0711	NB SHOULDER	1				500		500.0		1		1	562.5	1048	2330					1		1000		
0712	SB SHOULDER							50.0				1	100.0											
0713	MEDIAN							75.0				1	37.5											
0714	NB SHOULDER							1400.0				1	1475.0	2364	5255					1		1000		
0715	MEDIAN							75.0				1	37.5											
0716	MEDIAN																							
0717	SB SHOULDER																							
0718	NB SHOULDER							50.0				1	100.0											
0719	SB SHOULDER																							
0720	MEDIAN																							
0721	MEDIAN																							
SHEET 3B-5 TOTAL				4		2025	2	6612.5		6		27	7587.5	6748	15000					7		7000		

SUMMARY OF QUANTITIES

PROJECT NO.
I-6047 47996.3.GV1

SHEET NO.
3B-7

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	LAW ENFORCEMENT	GENERIC TRAFFIC CONTROL ITEM - LANE CLOSURE	GENERIC TRAFFIC CONTROL ITEM - RAMP/LOOP CLOSURE	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS A	SEDIMENT CONTROL STONE	SAFETY FENCE	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEEDING & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	SEED FOR SUPPLEMENTAL SEEDING	SPECIALIZED HAND MOWING	RESPONSE FOR EROSION CONTROL	CONCRETE WASHOUT STRUCTURE	MOWING - INTERSTATE - CLEANUP	
				HR 451000000-N	EA 460000000-N	EA 460000000-N	LF 600000000-E	TON 600600000-E	LF 602900000-E	SY 603600000-E	LF 604200000-E	LF 607101000-E	ACR 608400000-E	LB 609000000-E	TON 609300000-E	LB 609600000-E	MHR 611450000-N	EA 611700000-N	EA 611750000-N	SMI 613600000-E		
		0201	MEDIAN					20	15				40	0.22								
		0202	NB SHOULDER				600															
		0203	MEDIAN					20	15				40	0.23								
		0204	NB SHOULDER				250			300												
		0205	MEDIAN					40	30				80	0.18								
		0206	NB SHOULDER											0.33								
		0207	MEDIAN											0.09								
		0208	SB SHOULDER				250							0.16								
		0209	MEDIAN					20	15				40	0.14								
		0210	SB SHOULDER				300			150												
		0211	SB SHOULDER				200							0.42								
		0212	NB SHOULDER											0.08								
		0213	SB SHOULDER				175			150				0.25								
		0214	NB SHOULDER				800															
		0215	MEDIAN					60	30	350			80	0.05								
		0216	MEDIAN					20	15				40	0.03								
		0217	NB SHOULDER						5			40	40	0.29								
		0218	MEDIAN					40	15				40	0.34								
		0219	SB SHOULDER																			
		0301	NB SHOULDER						5			40	40	0.04								
		0302	SB SHOULDER						5			40	40	0.04								
		0303	SB SHOULDER											0.24								
		0304	NB SHOULDER				220		5	150		40	40									
		0305	MEDIAN					40	15				40	0.04								
		0306	SB SHOULDER						5			40	40	0.04								
		0307	NB SHOULDER						5			40	40	0.13								
		0308	MEDIAN											0.35								
		0309	MEDIAN																			
		0310	SB SHOULDER																			
		0311	MEDIAN																			
		0312	NB SHOULDER				900			1000				0.31								
		0313	MEDIAN					40	15				40	0.04								
		0314	MEDIAN											0.16								
		0315	SB SHOULDER				750			900				0.28								
		0316	MEDIAN					40	15				40	0.04								
		0317	NB SHOULDER						5			40	40	0.06								
		0318	MEDIAN					40	15				40	0.40								
		0319	NC-222 RAMP																			
		0320	NC-222 RAMP																			
		0321	MEDIAN					40	30				80	0.22								
		0322	SB SHOULDER						10			80	80	0.12								
		0323	SB SHOULDER											0.04								
		0324	NB EXIT RAMP											0.08								
		0325	NB SHOULDER											0.04								
		0326	NC-222 RAMP																			
		0327	NC-222 RAMP																			
		0328	MEDIAN					20	15				40	0.28								
		0329	MEDIAN					60	30				80	0.58								
		0330	SB SHOULDER						5			40	40	0.04								
		0331	MEDIAN					60	30				80	0.07								
		0401	NB SHOULDER						5			40	40	0.06								
		0402	SB SHOULDER											0.03								
		0403	NB SHOULDER						5			40	40	0.10								
		0404	MEDIAN																			
		0405	MEDIAN					60	30				80	0.08								
		0406	NB SHOULDER						5			40	40	0.04								
		0407	MEDIAN					40	15				40	0.04								
		0408	NB SHOULDER						5			40	40	0.04								
		0409	MEDIAN					40	15				40	0.04								
		0410	SB SHOULDER						5			40	40	0.04								
		0411	MEDIAN					40	15				40	0.04								
		0412	NB SHOULDER						5			40	40	0.04								
		0413	MEDIAN					40	15				40	0.04								
		0414	MEDIAN					40	15				40	0.04								
		0415	SB SHOULDER						5			40	40	0.04								
		0416	MEDIAN																			
		0417	NB SHOULDER											0.04								
		0418	NB SHOULDER						5			40	40	0.08								
		0419	MEDIAN					40	15				40	0.05								
		0420	NB SHOULDER				300							0.11								
		0421	MEDIAN					40	15				40	0.12								
		0422	SB SHOULDER						5			40	40	0.04								
		0423	MEDIAN					40	15				40	0.12								
		0424	SB SHOULDER						5			40	40	0.04								
		0425	SB SHOULDER						5			40	40	0.06								
		0426	MEDIAN					20	75				200	1.32								
		0427	NB SHOULDER						5			40	40	0.04								
		0428	NB SHOULDER						5			40	40	0.08								
		0429	SB SHOULDER						5			40	40	0.14								
SHEET 3B-7 TOTAL							4745	960	645	3000		960	2360	9.36								

I-6047 47996.3.GV1
WAYNE

SUMMARY OF QUANTITIES

PROJECT NO.	SHEET NO.
I-6047 47996.3.GV1	3B-8

PROJECT NUMBER	COUNTY	WORK AREA NUMBER	LOCATION	LAW ENFORCEMENT	GENERIC TRAFFIC CONTROL ITEM - LANE CLOSURE	GENERIC TRAFFIC CONTROL ITEM - RAMP/LOOP CLOSURE	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS A	SEDIMENT CONTROL STONE	SAFETY FENCE	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEEDING & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	SEED FOR SUPPLEMENTAL SEEDING	SPECIALIZED HAND MOWING	RESPONSE FOR EROSION CONTROL	CONCRETE WASHOUT STRUCTURE	MOWING - INTERSTATE - CLEANUP	
				HR	EA	EA	LF	TON	LF	SY	LF	LF	ACR	LB	TON	LB	MHR	EA	EA	SMI		
		0430	NB SHOULDER											0.05								
		0431	SB SHOULDER																			
		0432	NB SHOULDER						5			40	40	0.04								
		0433	MEDIAN					40	15			40	40	0.04								
		0434	MEDIAN					40	15			40	40	0.11								
		0435	NB SHOULDER						5			40	40	0.04								
		0436	NB SHOULDER											0.19								
		0437	NB SHOULDER						5			40	40	0.04								
		0438	MEDIAN					40	15			40	40	0.04								
		0439	NB SHOULDER						5			40	40	0.28								
		0501	MEDIAN					40	15			40	40	0.04								
		0502	SB SHOULDER						5			40	40	0.04								
		0503	SB SHOULDER																			
		0504	MEDIAN					40	15			40	40	0.31								
		0505	NB SHOULDER						5			40	40	0.04								
		0506	SB SHOULDER						5			40	40	0.04								
		0507	NB SHOULDER											0.10								
		0508	NB SHOULDER						5			40	40	0.04								
		0509	MEDIAN					20	15			40	40	0.49								
		0510	SB SHOULDER				1200															
		0511	NB SHOULDER				650		5	600		40	40									
		0512	NB SHOULDER						5			40	40	0.34								
		0513	SB SHOULDER				240							0.12								
		0514	SB SHOULDER																			
		0515	MEDIAN					40	15			40	40	0.04								
		0516	MEDIAN					60	45			120	120	0.75								
		0517	SB SHOULDER											0.46								
		0518	SR-1002 RAMP																			
		0519	SR-1002 RAMP																			
		0520	MEDIAN																			
		0521	NB SHOULDER						5			40	40	0.30								
		0522	SR-1002 RAMP				100							0.05								
		0523	SR-1002 RAMP																			
		0524	SR-1002 RAMP																			
		0525	MEDIAN					40	15			40	40	0.04								
		0526	NB SHOULDER				400		5	375		40	40	0.66								
		0527	MEDIAN					60	30			80	80	0.44								
		0528	SB SHOULDER				450		5			40	40	0.15								
		0529	SB SHOULDER											0.04								
		0530	NB SHOULDER											0.46								
		0531	MEDIAN											0.18								
		0601	MEDIAN					40	30			80	80	0.20								
		0602	NB SHOULDER											0.09								
		0603	NB SHOULDER							225				0.24								
		0604	MEDIAN					20	15			40	40	0.21								
		0605	SB SHOULDER				350			200				0.36								
		0606	MEDIAN					40	15			40	40	0.04								
		0607	NB SHOULDER																			
		0608	MEDIAN					60	30			80	80	0.27								
		0609	SB SHOULDER											0.35								
		0610	MEDIAN					60	30			80	80	0.04								
		0611	MEDIAN											0.02								
		0612	MEDIAN					40	15			40	40	0.04								
		0613	MEDIAN					40	15			40	40	0.04								
		0614	NB SHOULDER																			
		0615	SB SHOULDER											0.04								
		0616	MEDIAN					40	15			40	40	0.04								
		0617	NB SHOULDER											0.22								
		0701	MEDIAN					40	15			40	40	0.04								
		0702	SB SHOULDER																			
		0703	MEDIAN					40	15			40	40	0.04								
		0704	NB SHOULDER				850			700				0.23								
		0705	MEDIAN					40	15			40	40	0.04								
		0706	MEDIAN					40	15			40	40	0.04								
		0707	MEDIAN					40	15			40	40	0.04								
		0708	NB SHOULDER											0.15								
		0709	SB SHOULDER				600		5	450		40	40	0.04								
		0710	MEDIAN					40	15			40	40	0.04								
		0711	NB SHOULDER				400		5	400		40	40									
		0712	SB SHOULDER																			
		0713	MEDIAN																			
		0714	NB SHOULDER				1100		10			80	80									
		0715	MEDIAN																			
		0716	MEDIAN					40	15			40	40	0.04								
		0717	SB SHOULDER							150				0.10								
		0718	NB SHOULDER																			
		0719	SB SHOULDER											0.37								
		0720	MEDIAN					40	15			40	40	0.04								
		0721	MEDIAN											0.04								
SHEET 3B-8 TOTAL							6340	1080	565	3100		680	1960	9.29								

I-6047 47996.3.GV1

WAYNE

PROJECT REFERENCE NO.	SHEET NO.
I-6047_47996.3.GVI	04
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB#	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

5/14/99



BEGIN PROJECT I-6047

WAINWRIGHT COUNTY
WILSON COUNTY

I-795 MM 12.0

REMOVE 37.5' EXISTING GUARDRAIL
75' NEW GUARDRAIL
1 GREU TL-3

REMOVE 287.5' EXISTING GUARDRAIL
262.5' NEW GUARDRAIL
1 CAT-I
1 TYPE III

0202

0201

0203

0219

REMOVE 100' EXISTING GUARDRAIL
50' NEW GUARDRAIL
1 GREU TL-3

11-SEP-2019 11:01
S:\PROJECTS\I-6047-DDC4-psb\04.dgn



I-795 MM 12.0

I-795 MM 13.0

REMOVE 312.5' EXISTING GUARDRAIL
237.5' NEW GUARDRAIL
1 GREU TL-3
1 TYPE III

REMOVE 825' EXISTING GUARDRAIL
762.5' NEW GUARDRAIL
1 GREU TL-3
1 CAT-I

0204

0206

0212

0214

0217

0205

0208

0209

0210

0211

0215

0216

0218

0207

0213

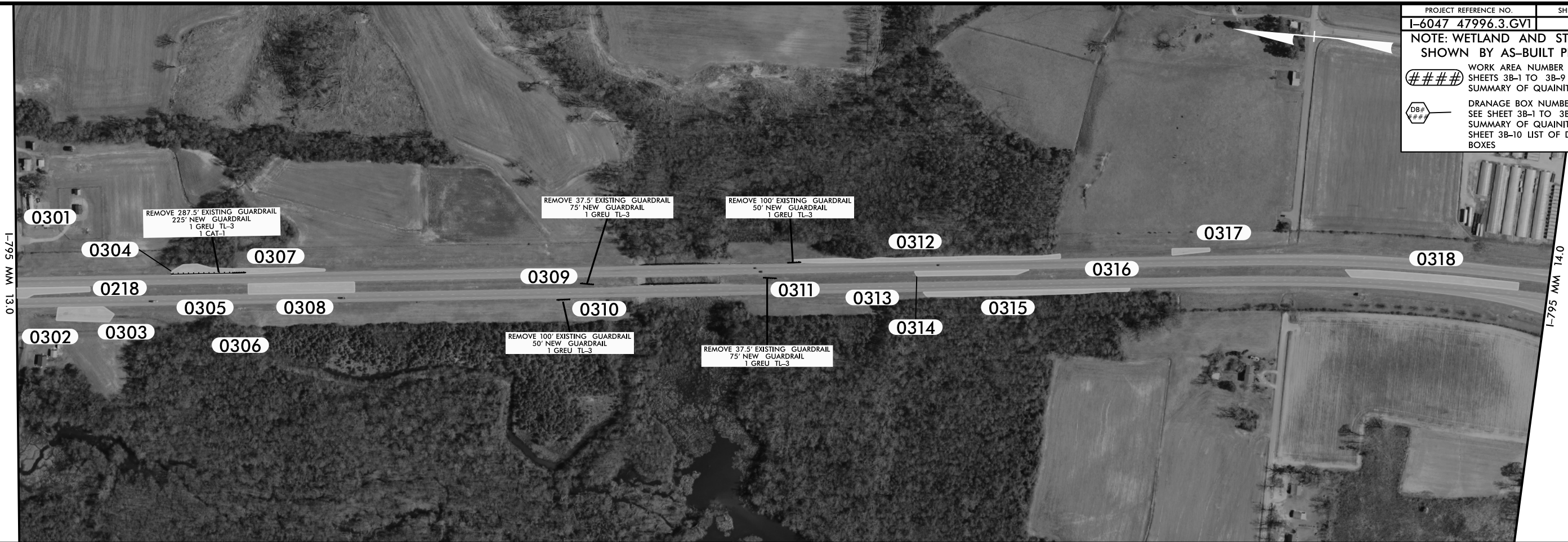
REMOVE 37.5' EXISTING GUARDRAIL
75' NEW GUARDRAIL
1 GREU TL-3

REMOVE 412.5' EXISTING GUARDRAIL
350' NEW GUARDRAIL
1 GREU TL-3
1 CAT-I

REMOVE 100' EXISTING GUARDRAIL
50' NEW GUARDRAIL
1 GREU TL-3

PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GVI	05
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB# ###	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

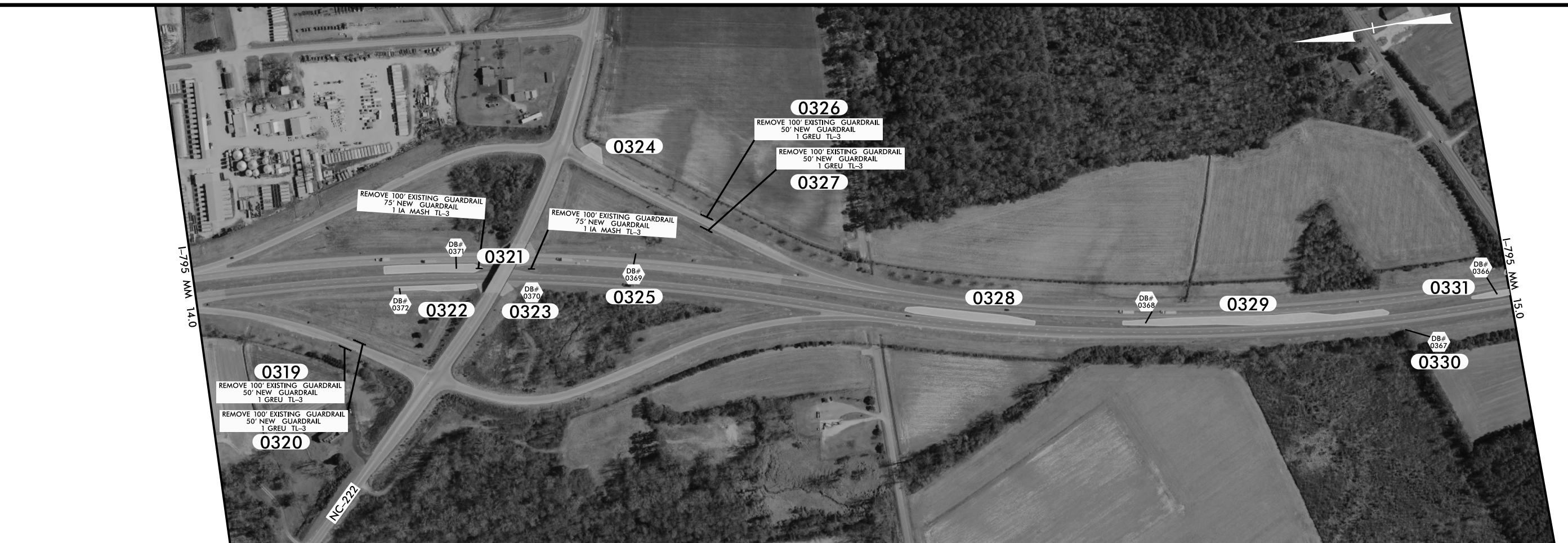
5/14/19



L-795 MM 13.0

L-795 MM 14.0

11-SEP-2019 11:09 AM
S:\STATE\PROJECTS\I-6047_DDC4_psh\05.dgn



L-795 MM 14.0

L-795 MM 15.0

NC-222

PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GV1	06
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB#	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

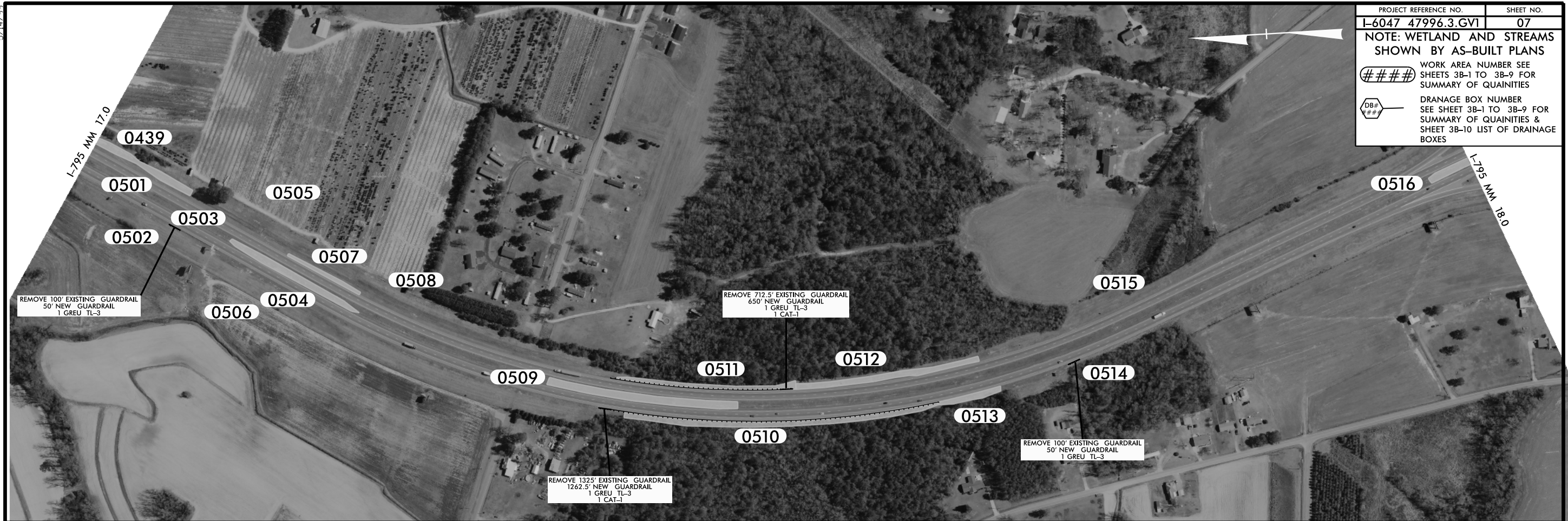
5/14/99



I:\SEP-2009\Hill\I-6047_DDC4_psh06.dgn
 8/21/09 11:50 AM
 8/21/09 11:50 AM

PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GV1	07
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB#	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

5/14/99



I:\SEP-2009\1144_5047_DDC4_psh07.dgn
 8/21/09 11:50:41 AM
 5047.DDC4_PSH07.dgn



5/14/19

PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GV1	08
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB#	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES



11-SEP-2019 11:16 S:\DOCS\1-6047\1-6047_DDC4_psh08.dgn

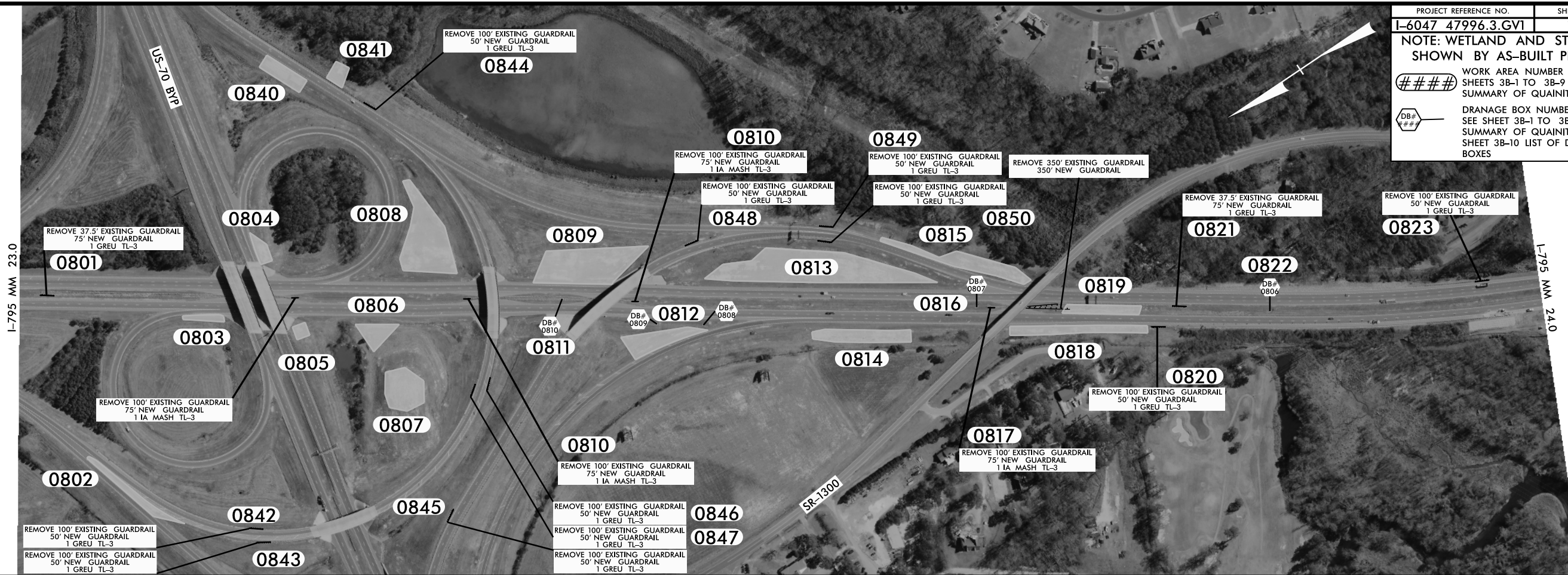
PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GV1	09
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB# ###	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

5/14/99

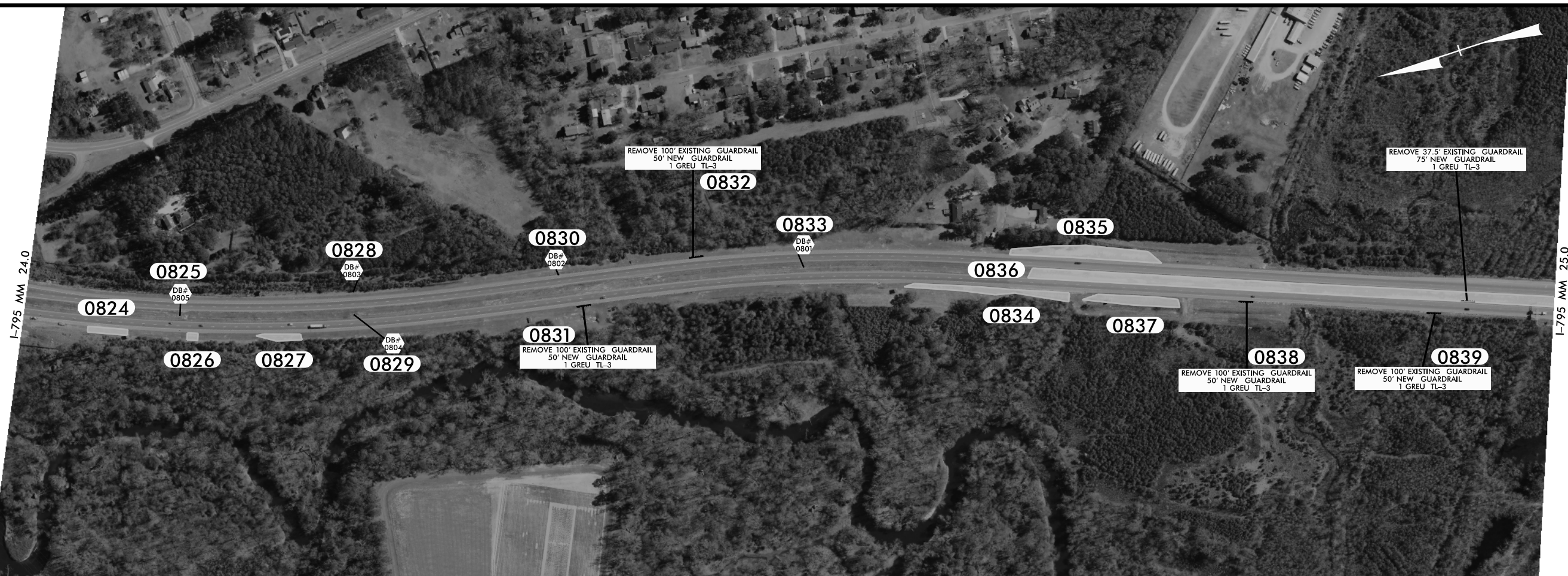


I:\SEP-2009\1148\1-6047-DDC4-psb09.dgn
8/21/09 11:48:41 AM

5/14/99



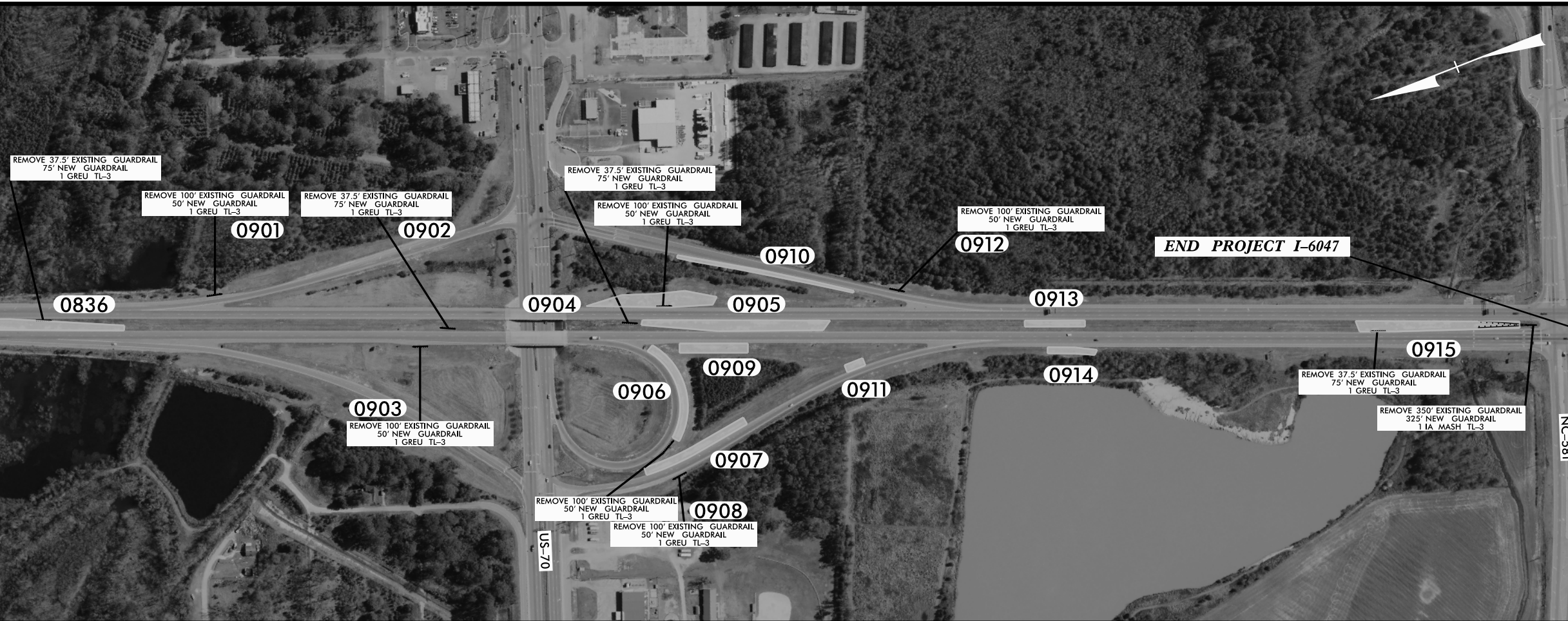
I-SEP-2009 1149 I-6047.DOC4_psh10.dgn
 S:\PROJECTS\I-6047\I-6047.DOC4_psh10.dgn



PROJECT REFERENCE NO.	SHEET NO.
I-6047 47996.3.GV1	11
NOTE: WETLAND AND STREAMS SHOWN BY AS-BUILT PLANS	
###	WORK AREA NUMBER SEE SHEETS 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES
DB#	DRAINAGE BOX NUMBER SEE SHEET 3B-1 TO 3B-9 FOR SUMMARY OF QUANTITIES & SHEET 3B-10 LIST OF DRAINAGE BOXES

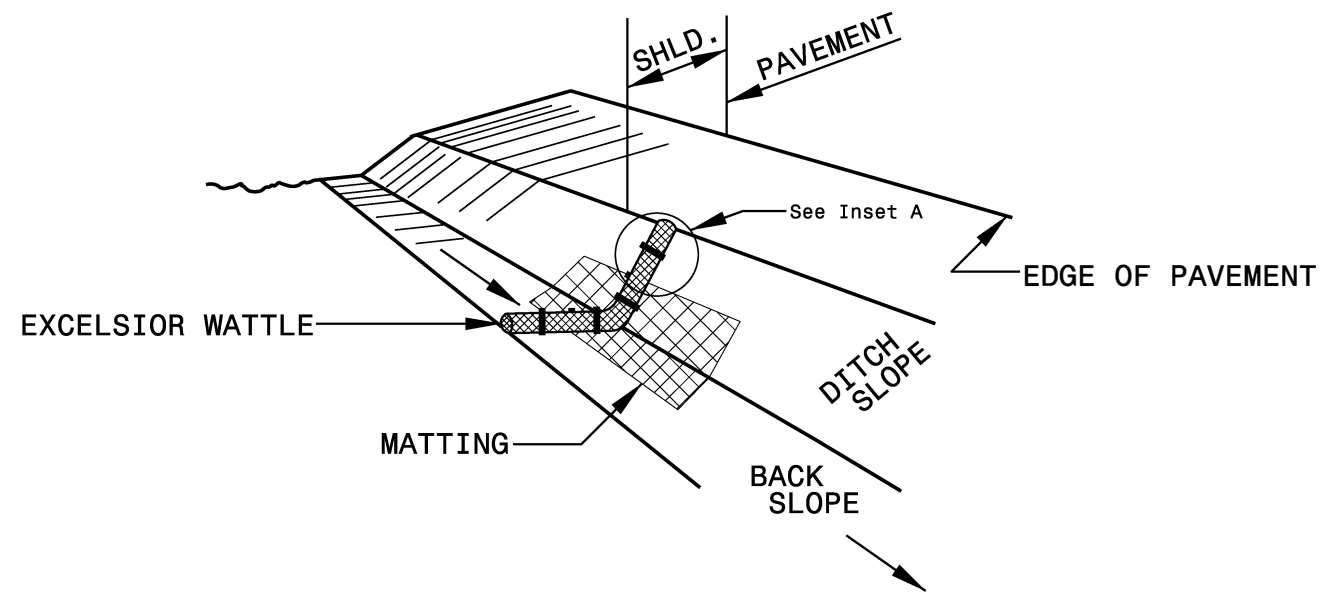
5/14/99

I-795 MM 25.0

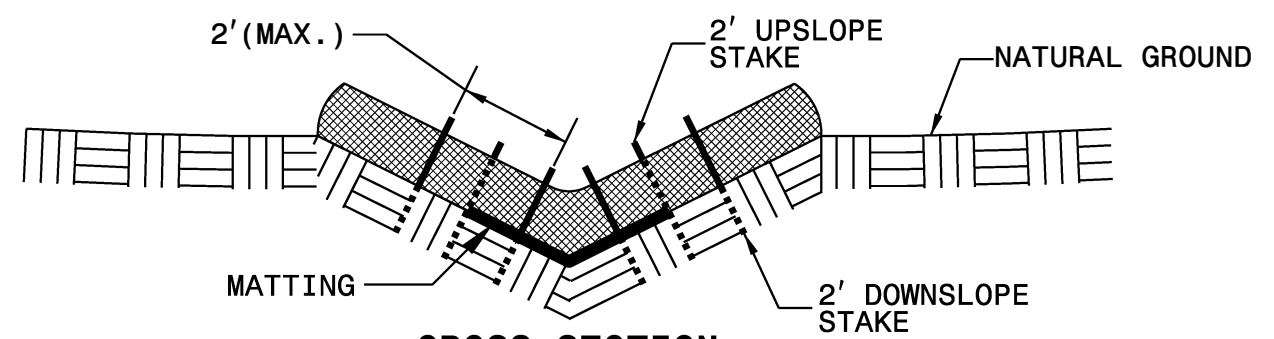


I:\SEP-2019\1121_6047.DDC4_psh11.dgn
 8/21/2019 10:52:13 AM

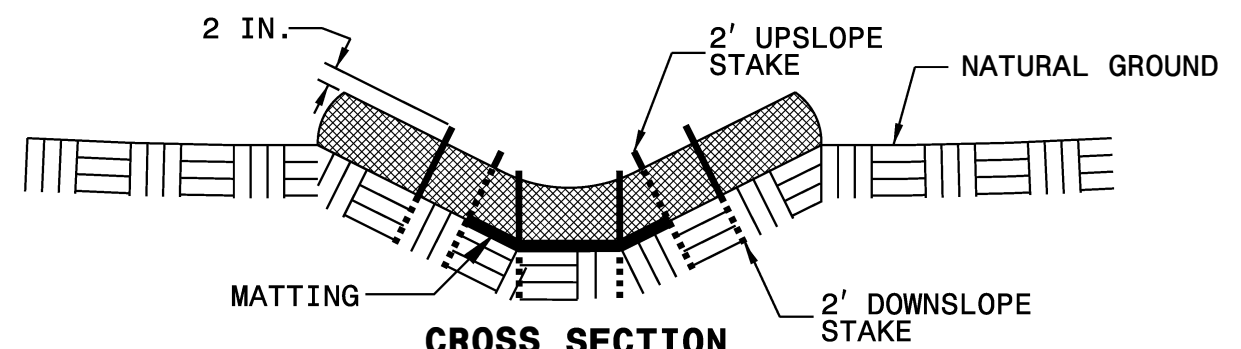
WATTLE DETAIL



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. NOMINAL CROSS SECTION.

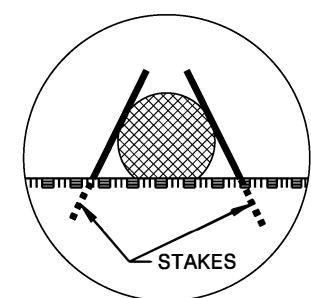
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

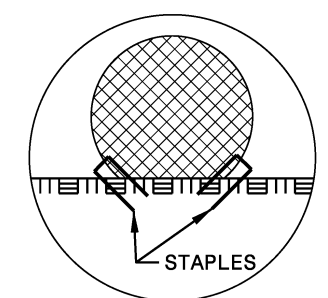
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

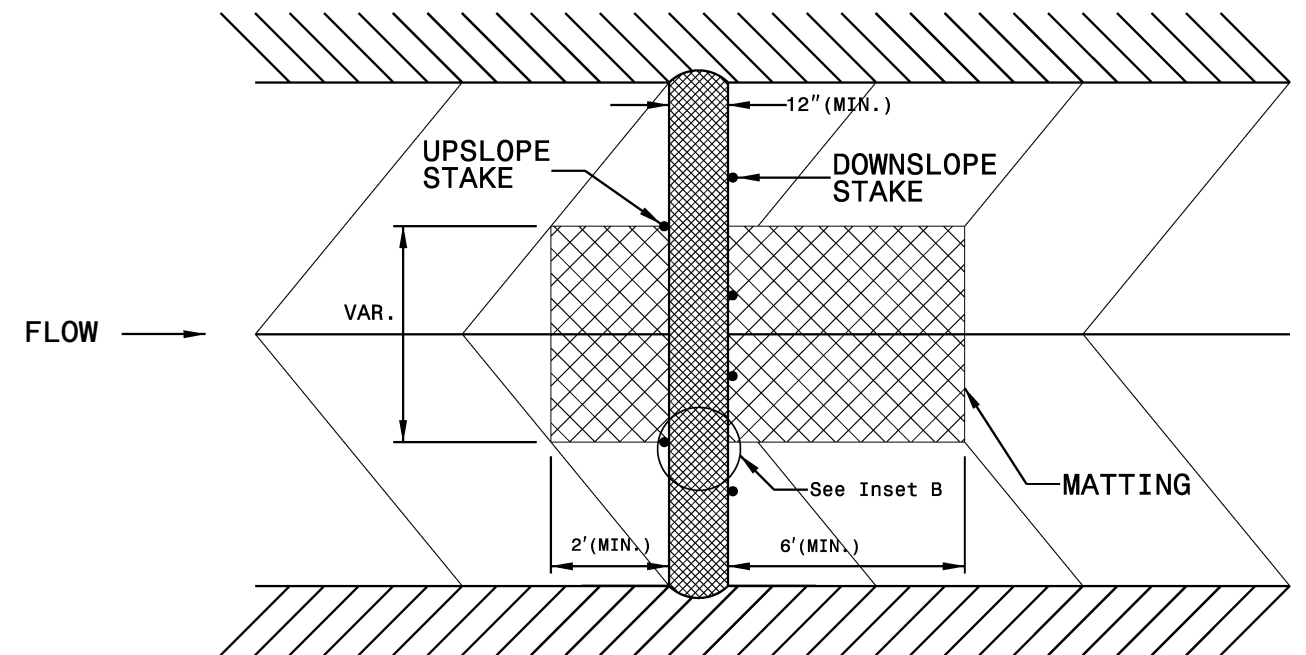
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW