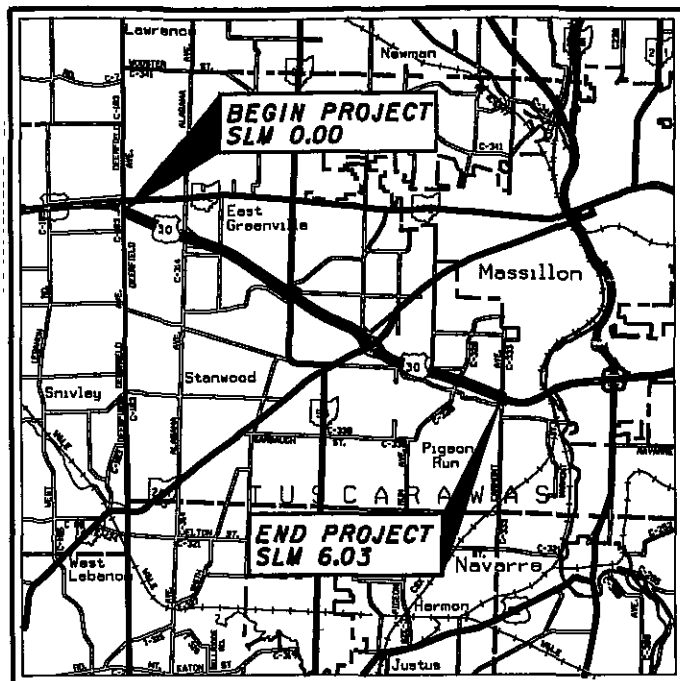


Dist 4 10/5/2005  
 050514 PID - 78613  
 STA - USR 30-Signing-2006



LOCATION MAP

PORTION TO BE IMPROVED:   
 INTERSTATE & DIVIDED HIGHWAY:   
 UNDIVIDED STATE & FEDERAL ROUTES:   
 OTHER ROADS:

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

# STA-US 30 SIGNING 2006

TUSCARAWAS TOWNSHIP

**PROJECT DESCRIPTION**

THIS PROJECT UPGRADES ALL SIGNS ALONG US 30, INCLUDING CROSS ROAD LEAD-IN SIGNING, BETWEEN SLM 0.00 AND SLM 6.03.

**EARTH DISTURBED AREAS**

PROJECT EDA - N/A MAINTENANCE (PROJECT)  
 EST. CONTRACTOR EDA - N/A MAINTENANCE (PROJECT)  
 NOTICE OF INTENT EDA - N/A MAINTENANCE (PROJECT)

**LIMITED ACCESS**

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

**2005 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

**INDEX OF SHEETS:**

TITLE SHEET	1
GENERAL NOTES & MAINTENANCE OF TRAFFIC	2
GENERAL SUMMARY	3
SUBSUMMARY	4-8
SIGNING PLAN	9-16
CROSS SECTIONS	17-22
BRUSH CUT AND TREATED DETAIL	23

**DESIGN EXCEPTIONS**

NONE

**UNDERGROUND UTILITIES**  
 TWO WORKING DAYS  
**BEFORE YOU DIG**  
 CALL 1-800-362-2764 (TOLL FREE)  
 OHIO UTILITIES PROTECTION SERVICE  
 NON-MEMBERS  
 MUST BE CALLED DIRECTLY

PLAN PREPARED BY:

ODOT  
 DISTRICT 4  
 PRODUCTION

ENGINEERS SEAL:

STATE OF OHIO  
 REGISTERED PROFESSIONAL ENGINEER  
 LISA A. BOSE  
 E-56841  
 SIGNED: *Lisa A. Bose*  
 DATE: 7/6/05

**STANDARD CONSTRUCTION DRAWINGS**

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
DM-4.3	07-19-02	MT-35.10	04-20-01	800	07/15/05
DM-4.4	07-19-02	MT-95.30	07-16-04	832	04-17-04
		MT-95.31	07-16-04	833	02-12-03
		MT-97.10	04-19-02		
TC-41.10	01-19-01				
TC-41.20	01-19-01	MT-98.12	04-19-02		
		MT-98.13	04-19-02		
TC-41.40	07-16-04	MT-98.14	04-19-02		
TC-41.50	07-16-04	MT-98.16	04-19-02		
TC-42.10	01-19-01	MT-98.17	10-18-02		
TC-42.20	07-16-04	MT-98.18	10-18-02		
TC-51.11	04-20-01				
TC-51.12	04-20-01	MT-105.10	10-18-02		
		MT-105.11	10-18-02		
TC-52.10	04-20-01				
TC-52.20	04-20-01				

**SPECIAL PROVISIONS**

APPROVED: *[Signature]*  
 DATE: 7-5-05 DISTRICT DEPUTY DIRECTOR

APPROVED: *[Signature]*  
 DATE: 8-1-05 DIRECTOR, DEPARTMENT OF TRANSPORTATION

v:\annr\ice 1248P\5002-NR-29-2\Projects\78613 STA US 30 (0.00-6.03).dgn  
 12:48PM 5002-NR-29-2  
 v:\annr\ice

FEDERAL PROJECT NO. NONE  
 PID NO. 78613  
 CONSTRUCTION PROJECT NO. 1  
 RAILROAD INVOLVEMENT NONE  
 STA-US 30 SIGNING 2006  
 23

**UTILITIES**

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.06 AND 107.17 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS:

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO & GAS PROCEDURES UNDERGROUND PROTECTION SERVICE (OGPUPS), THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

- OUPS 800-362-2764  
(CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)
- OGPUPS 800-925-0988
- ODOT 330-786-3145 (KEN GREENE)

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**LANE CLOSURES ON US 30**

DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AS PER THE PERMITTED LANE CLOSURE CHART. THE PERMITTED LANE CLOSURE CHART USED FOR THIS PROJECT SHALL BE THE MOST CURRENT CHART AVAILABLE ON THE DATE THIS PROJECT SELLS.

THE CHART CAN BE FOUND AT:

[https://dotaw100.dot.state.oh.us/plcm/plcm\\_web.jsp](https://dotaw100.dot.state.oh.us/plcm/plcm_web.jsp)

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE REQUIREMENTS IN THE CHART, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN THE AMOUNT OF \$5000.00 PER HOUR OR PORTION THEREOF THAT THE LANE REDUCTION REMAINS BEYOND THE SPECIFIED LIMIT.

**HOLIDAY WORK LIMITATIONS**

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	NEW YEARS
MEMORIAL DAY	FOURTH OF JULY
LABOR DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 12:00N MONDAY
MONDAY	12:00N FRIDAY THROUGH 12:00N TUESDAY
TUESDAY	12:00N MONDAY THROUGH 12:00N WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 12:00N THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 12:00N MONDAY
FRIDAY	12:00N THURSDAY THROUGH 12:00N MONDAY
SATURDAY	12:00N FRIDAY THROUGH 12:00N MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN ACCORDANCE WITH 108.07.

**ADOPT-A-HIGHWAY SIGN**

PRIOR TO ORDERING THE ADOPT-A-HIGHWAY SIGNS, THE CONTRACTOR SHALL CONTACT MR. KEN GREENE (330-786-3145) OR MR. BOB PALLO (330-786-2218) FOR THE CORRECT LEGEND INFORMATION FOR EACH SIGN TO BE REPLACED ON THE PLAN.

**SIGN PLACEMENT**

THE EXACT LOCATIONS OF SIGNS ARE TO BE STAKED AND CHECKED BY THE ENGINEER PRIOR TO PLACEMENT TO INSURE CLEARANCE OF DRIVES, ROADWAYS AND OTHER OBSTACLES. IF THERE ARE ANY CONFLICTS, THEY ARE TO BE ADJUSTED AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS IS INCIDENTAL TO ALL 630 ITEMS.

**MAINTENANCE OF TRAFFIC**

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

- ON ROADWAYS OTHER THAN US30, WITH FOUR OR MORE LANES, A MINIMUM OF ONE ELEVEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED, ON OTHER ROADWAYS, A MINIMUM OF ONE ELEVEN FOOT BIDIRECTIONAL LANE SHALL BE MAINTAINED ON THE EXISTING PAVEMENT DURING CONSTRUCTION OF THE WORK. SHOULDERS SHALL NOT BE USED TO MAINTAIN TRAFFIC.
- THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2209, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.
- CONES SHALL NOT BE ACCEPTABLE TRAFFIC CONTROL DEVICES FOR LANE RESTRICTIONS OR LANE REDUCTIONS THAT ARE IN OPERATION ONE-HALF HOUR AFTER SUNSET OR ONE HALF-HOUR BEFORE SUNRISE. ALL NIGHTTIME LANE RESTRICTIONS SHALL REQUIRE DRUMS OR BARRICADES AT A MAXIMUM SPACING OF FIFTY (50) FEET. WEIGHTED CHANNELIZERS MAY BE USED IN ACCORDANCE WITH THE ADDITIONAL NOTE HEREIN.
- LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY INSTALLING SIGNS.
- THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ALL FLAGS, BARRICADES, SIGNS, SIGN SUPPORTS AND FURNISH AND MAINTAIN ALL FLAGGERS, WATCHERS AND INCIDENTALS RELATED THERETO.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES, WEIGHTED CHANNELIZERS OR CONES EXCEEDS ONE (1) MILE.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE

**CONTRACTOR'S EQUIPMENT - OPERATION AND STORAGE**

A QUALIFIED FLAGGER SHALL BE EMPLOYED WHERE THE CONTRACTOR'S EQUIPMENT MUST MERGE WITH THE TRAFFIC STREAM. THE CONTRACTOR'S EQUIPMENT SHALL BE EQUIPPED WITH AT LEAST ONE AMBER FLASHING LIGHT. WHEN NOT IN USE, EQUIPMENT SHALL BE STORED AT A STORAGE AREA OUTSIDE THE R/W, THE LOCATION OF WHICH SHALL HAVE PRIOR APPROVAL OF THE ENGINEER. WHEN PARKING ALONG THE HIGHWAY THE EQUIPMENT SHALL BE PLACED AND DELINEATED AS PER 614.03. ADEQUATE BARRICADES AND LIGHTS SHALL BE PLACED ON THE PAVEMENT SIDE OF THE EQUIPMENT TO IDENTIFY THE LIMITS OF THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT THE APPROVED CONTRACTOR'S STORAGE AREA. NO EQUIPMENT SHALL BE PARKED ON PRIVATE PROPERTY UNLESS PRIOR APPROVAL OF THE OWNER AND THE PROJECT ENGINEER/SUPERVISOR HAS BEEN GRANTED.

**WEIGHTED CHANNELIZERS**

THE WEIGHTED CHANNELIZER SHALL BE PREDOMINATELY ORANGE IN COLOR AND SHALL BE MADE OF A LIGHTWEIGHT, FLEXIBLE, AND DEFORMABLE MATERIAL. THEY SHALL BE AT LEAST 42 INCHES IN HEIGHT WITH A WEIGHTED BASE. THEY MAY HAVE A "HANDLE" OR LIFTING DEVICE WHICH EXTENDS ABOVE THE 42" MINIMUM HEIGHT.

THE MARKINGS ON THE WEIGHTED CHANNELIZER SHALL BE HORIZONTAL, CIRCUMFERENTIAL, ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES 6 INCHES WIDE. EACH WEIGHTED CHANNELIZER SHALL HAVE A MINIMUM OF TWO ORANGE AND TWO WHITE STRIPES. ANY NON-RETROREFLECTIVE SPACES BETWEEN THE HORIZONTAL ORANGE AND WHITE STRIPES SHALL NOT EXCEED 2 INCHES WIDE. THE WEIGHTED CHANNELIZER SHALL HAVE A 4-INCH MINIMUM WIDTH, REGARDLESS OF ORIENTATION.

ON FREEWAYS AND MULTILANE HIGHWAYS: USE OF WEIGHTED CHANNELIZERS ON FREEWAYS AND MULTILANE HIGHWAYS SHALL BE LIMITED TO SHORT-TERM OPERATION, GENERALLY TWELVE HOURS OR LESS, FOR EITHER DAY OR NIGHT. UPON COMPLETION OF WORK WITHIN THE ABOVE NOTED TIME PERIOD, THE WEIGHTED CHANNELIZERS SHALL BE REMOVED. THE WEIGHTED CHANNELIZERS MAY AGAIN BE PLACED ON THE HIGHWAY WHEN THE WORK IS TO RESUME ON THE FOLLOWING DAY OR NIGHT. ANY LANE CLOSURE USING CHANNELIZATION DEVICES, EXPECTED TO REMAIN FOR MORE THAN TWELVE HOURS, SHALL REQUIRE THE USE OF DRUMS OR BARRIERS.

WHEN USED AT NIGHT, WEIGHTED CHANNELIZERS SHALL ONLY BE PLACED IN THE "TANGENT AREA". THE "TANGENT AREA" IS DEFINED AS THE AREA AFTER THE TRANSITION TAPER WHERE THE WORK TAKES PLACE. DRUMS SHALL BE USED IN THE TRANSITION TAPERS FOR NIGHT OPERATIONS.

ON OTHER HIGHWAYS: THERE ARE NO DURATIONS OF WORK RESTRICTIONS FOR USE OF WEIGHTED CHANNELIZERS ON ALL OTHER TYPES OF HIGHWAYS, DAY OR NIGHT. ON THESE ROADWAYS THE WEIGHTED CHANNELIZER MAY BE USED IN THE TRANSITION TAPERS AS WELL AS IN THE TANGENT AREAS, DAY OR NIGHT.

MAXIMUM SPACING OF THE WEIGHTED CHANNELIZER SHALL BE 40 FEET.

STEPS SHOULD BE TAKEN TO ENSURE THAT THE WEIGHTED CHANNELIZERS WILL NOT BE BLOWN OVER OR DISPLACED BY WIND OR MOVING TRAFFIC. BALLASTS SHOULD NOT PRESENT A HAZARD IF THE WEIGHTED CHANNELIZERS ARE INADVERTENTLY STRUCK, NOR SHOULD THEY AFFECT THE VISIBILITY OF THE WEIGHTED CHANNELIZERS. ALL BALLASTS USED SHOULD BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

**TRAFFIC CONTROL INSPECTOR**

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER, TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

**ITEM 630 - REMOVAL OF MISC. TRAFFIC CONTROL ITEM, BEAM SUPPORT FOUNDATION**

THE CONTINGENCY QUANTITY HAS BEEN PROVIDED FOR THIS WORK TO BE USED FOR REMOVAL OF BEAM SUPPORT FOUNDATIONS, AS DIRECTED BY THE ENGINEER, WHERE EVER NEEDED THROUGHOUT THE PROJECT.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 630 - REMOVAL OF MISC. TRAFFIC CONTROL ITEM, BEAM SUPPORT FOUNDATION - 8 EACH

**ITEM 690 - SPECIAL, MISC.: CLEARING AND GRUBBING**

THIS ITEM IS INTENDED TO BE USED TO CLEAR ALL GROWTH IN FRONT OF HIGHWAY SIGNS THAT MAY IMPEDE ITS VIEWING BY MOTORISTS.

IN ADDITION TO THE REQUIREMENTS OF 201, THE CONTRACTOR WILL REMOVE STUMPS AT LEAST 6 INCHES BELOW GROUND SURFACE AND THE WORK WILL NOT INCLUDE SCALPING. THE AREA TO BE CLEARED AND GRUBBED WILL BE DELINEATED IN THE WORK ORDER.

THE FOLLOWING IS AN ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

ITEM 690-SPECIAL, MISC.; CLEARING AND GRUBBING 7 ACRES.

PAYMENT WILL BE AT THE UNIT BID PRICE PER ACRE CLEARED AND GRUBBED AND WILL INCLUDE BACKFILLING HOLES AND REMOVING ALL TREES AND STUMPS.

1:\Projects\78613 STA US 30 (0.00-6.03)\78613gn.dgn 29-JUN-2005 12:51PM wvannice

GENERAL NOTES

STA-US 30  
SIGNING 2006





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REFERENCE NO.	STATION	SIDE	CODE	SIZE (INCHES)	630															
					SIGN, FLATSHEET SQ. FT.	GROUND MOUNTED EXTRUSHEET SIGNS SQ. FT.	GROUND MOUNTED SUPPORT, NO. 3 POST FT.	GROUND MOUNTED SUPPORT, S4 x 7.7 BEAM FT.	GROUND MOUNTED SUPPORT, W10 x 22 BEAM FT.	GROUND MOUNTED SUPPORT, W12 x 30 BEAM FT.	GROUND MOUNTED BEAM SUPPORT FOUNDATION EACH	BREAKAWAY BEAM CONNECTION EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED POST AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION EACH			
	PAGE 12																			
33	3.33 EB	RT	E-1	180 x 144		180							29/27.25	2	2					
34	3.45 EB	MED	R3-4-36	36 x 36	9		15									2		1		
			R3-H4A-24	24 x 30	5															
35	3.64 EB	RT	M4-5-36													3		1		
			M1-4-36																	
			M5-2-30																	
36	3.74 EB	RT	E1-H3	216 x 120		180						27/26	2	2			1		2	
37	3.90 EB	RT	E5-H1-72	72 x 60		30		16.25/16.50					2	2		1		2		
38	3.99 EB	RT	I-H14-48	48 x 30	10		13/13.5									1		2		
39	4.00 EB	RT	D10-1-12	12 x 24	2		10.5									1		1		
			BRIDGE I.D.																	
40	4.10 EB	RT	W4-IR-48	48 x 48	16		14/14									1		1		
41	3.40 WB	LT	R2-1-48	48 x 60	20		15.75/16													
			R2-H2A-48	48 x 60	20		16.75/17.25													
42	3.45 WB	LT	R2-H2B-48														1		2	
43	3.47 WB	MED	R3-4-36	36 x 36	9		15									2		1		
			R3-H4A-24	24 x 30	5															
44	3.50 WB	LT	M3-4-36	36 x 18	4.5		15													
			M1-4-36	36 x 36	9															
45	3.88 WB	LT	W4-IR-48	48 x 48	16		14/14									1		1		
46	4.00 WB	LT	D10-1-12	12 x 24	2		10.5									1		1		
47	4.23 WB	LT	M3-4-36													2		1		
			M1-4-36																	
48	4.25 WB	LT	E5-H1-72	72 x 60		30		16.75/17					2	2		1		2		
	PAGE 13																			
49	4.60 EB	RT	M3-2-36	36 x 18	4.5		14									2		1		
			M1-4-36	36 x 36	9															
50	4.67 EB	MED	R3-4-36	36 x 36	9		13.5									2		1		
			R3-H4A-24	24 x 30	5															
51	4.68 EB	RT	R2-H2B-48													1		2		
			R2-1-48	48 x 60	20		16.25/16.5													
			R2-H2A-48	48 x 60	20		17.25/17.75													
52	4.89 EB	RT	D2-2														1		2	
53	5.00 EB	RT	D10-1-12	12 x 24	2		10.5									1		1		
54	5.35 EB	MED	OM-H3L-12	12 x 36	3		11.5									1		1		
			OM-H3R-12	12 x 36	3		11.5										1		1	
		RT	BRIDGE I.D.																	1
55	4.42 WB	LT	E1-H3	216 x 120		180						27/25.75	2	2			1		2	
56	4.69 WB	MED	R3-4-36	36 x 36	9		13.5									2		1		
			R3-H4A-24	24 x 30	5															
57	4.80 WB	LT	E-1	180 x 144		180					26.75/27		2	2			1		3	
58	5.00 WB	LT	D10-1-12	12 x 24	2		10.5									1		1		
59	5.18 WB	LT	E-1														1		2	
60	5.29 WB	LT	E-1	180 x 144		180						29.25/29	2	2						
61	5.37 WB	LT	OM-H3L-12	12 x 36	3		11.5									1		1		
			BRIDGE I.D.																	
		MED	OM-H3R-12	12 x 36	3		11.5									1		1		
	PAGE 14																			
62	6.00 EB	RT	D-10-1-12	12 x 24	2		10.5									1		1		
63	6.02 EB	RT	E8-H2	84 x 36		21		14.25/16.25					2	2		1			2	
64	6.03 EB	MED	OM-H3L-12	12 x 36	3		11.5									1		1		
			OM-H3R-12	12 x 36	3		11.5										1		1	
		RT	BRIDGE I.D.																	1
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					233	981	423.5	97			106.8	167.3	16	16	32	7	29	15	4	

SIGNING SUBSUMMARY

STA-US 30  
SIGNING 2006

CALCULATED  
WHV  
CREATED  
LAB

REFERENCE NO.	STATION	SIDE	CODE	SIZE (INCHES)	SIGN, FLATSHEET	GROUND MOUNTED EXTRUSHEET SIGNS	GROUND MOUNTED SUPPORT, NO. 3 POST	ONE WAY SIGN SUPPORT, NO. 3 POST	GROUND MOUNTED SUPPORT, S4 x 7.7 BEAM					GROUND MOUNTED BEAM SUPPORT FOUNDATION	BREAKAWAY BEAM CONNECTION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		REMOVAL OF GROUND MOUNTED POST AND DISPOSAL	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL	
					SQ. FT.	SQ. FT.	FT.	FT.	FT.				EACH	EACH	EACH		EACH	EACH		
	PAGE 14																			
65	6.00 WB	LT	D10-I-12	12 x 24	2		10.5									1		1		
66	6.02 WB	LT	E2-H8A	96 x 36		24			14.5/16.75					2	2					
	PAGE 15																			
	ALABAMA AVENUE																			
67	0.31 NB	RT	M2-I-21 M3-2-24 M1-4-24	21 x 15 24 x 12 24 x 24	2.19 2 4		15									3		1		
68	0.37 NB	RT	M2-H3-42 M3-2-24 M1-4-24 M5-I-21	24 x 12 24 x 12 24 x 24 21 x 15	2 2 4 2.19		14									1		1		
69	0.44 NB	RT	D1-H5A-72 M2-H3-42	72 x 24	12		13/13									1 1		2 2		
70	0.51 NB	RT	M3-2-24 M1-4-24 M6-I-21	24 x 12 24 x 24 21 x 15	2 4 2.19		14													
71	0.50 SB	LT	M3-2-24 M1-4-24 M6-I-21 D1-H5A-72	24 x 12 24 x 24 21 x 15 72 x 24	2 4 2.19 12		16/16									4		2		
72	0.58 SB	LT	M3-2-24 M1-4-24 M5-I-21	24 x 12 24 x 24 21 x 15	2 4 2.19		14									3		1		
73	0.62 SB	LT	W1-7-48 D9-H14A-30	48 x 24	8		13/13									2		2		
74	0.68 SB	LT	D1-H5A-72	72 x 24	12		13/13													
75	0.74 SB	LT	M3-2-24 M1-4-24 M6-3-21	24 x 12 24 x 24 21 x 15	2 4 2.19		14													
76	0.80 SB	LT	M2-I-21 M1-4-24	21 x 15 24 x 24	2.19 4		14									2		1		
	RAMP A																			
77	0.40	RT	D3-H5 D9-H14A-72	108 x 36 72 x 12		27	16/16									1			2	
78	0.44	RT LT	R5-1A-36	36 x 24	6		12.5/12.5													
79	0.49	RT LT	R5-I-36 R1-I-48 R6-IR-36 R6-IL-36 R5-I-36 R1-I-48 R6-IR-36 R6-IL-36	36 x 36 48 x 48 36 x 12 36 x 12 36 x 36 48 x 48	9 16 3 3 9 16		14.5 15.5 14.5/14.5									3 3		2 2		
80	RAMP B 0.01	RT	R5-H10D-36	36 x 36	9		13.5/13.5													
	PAGE 16																			
81	SR 241 3.93 NB	RT	M2-H4													1			2	
82	3.98 NB	RT	M2-I-21 M1-4-24	21 x 15 24 x 24	2.19 4		14													
83	4.04 NB	RT	M2-H4	108 x 36		27			13/13.75					2	2					
84	4.09 NB	RT	D1-H6A													1			2	
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					190.5	78	372	15.5	58					4	4	27		17	6	

**SIGNING SUBSUMMARY**

**STA-US 30  
SIGNING 2006**

6  
23

CALCULATED  
WHV  
CHECKED  
LAB

I:\Projects\7863 STA US 30 10-00-6-031\7863Ts.dgn 29-JUN-2005 12:55PM wvannice

I:\Projects\7863 STA US 30 (0.00-6.03)\7863ts.dgn 29-JUN-2005 4:39PM wvannice

REFERENCE NO.	STATION	SIDE	CODE	SIZE (INCHES)	630													
					SIGN, FLATSHEET SQ. FT.	GROUND MOUNTED EXTRUSHEET SIGNS SQ. FT.	GROUND MOUNTED SUPPORT, NO. 3 POST FT.	GROUND MOUNTED SUPPORT, S4 X 7.7 BEAM FT.	GROUND MOUNTED SUPPORT, W6 X 9 BEAM FT.	GROUND MOUNTED BEAM SUPPORT FOUNDATION EACH	BREAKAWAY BEAM CONNECTION EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED POST AND DISPOSAL EACH	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL EACH				
85	PAGE 16 4.12 NB	RT	DI-H6A	108 x 48		36		13/16.25			2	2						
86	4.17 NB	RT	M4-5-24	24 x 12	2													
			MI-5-24	24 x 24	4		15											
87	4.19 NB	RT	M6-1-21	21 x 15	2.19													
			M2-H4	108 x 36		27		13/14			2	2	1			2		
88	4.21 NB	RT	M3-4-24	24 x 12	2													
			MI-4-24	24 x 24	4		15						3		1			
			M5-1-21	21 x 15	2.19													
89	4.31 NB	RT	M3-4-24	24 x 12	2													
			MI-4-24	24 x 24	4			11.5/12.25			2	2	4			2		
			M6-1-21	21 x 15	2.19													
90	4.17 SB	LT	DI-H5A	108 x 24		18												
			M3-2-24	24 x 12	2													
			MI-4-24	24 x 24	4			11.75/12.25			2	2	4			2		
91	4.27 SB	LT	M6-1-21	21 x 15	2.19													
			MI-4-24	24 x 24	4		15						3		1			
			M3-2-24	24 x 12	2													
92	4.29 SB	LT	M2-H4	108 x 36		27		13/13.75			2	2	1				2	
			M4-5-24	24 x 12	2													
93	4.31 SB	LT	MI-5-24	24 x 24	4													
			M6-1-21	21 x 15	2.19		15						3		1			
94	4.36 SB	LT	DI-H6A	108 x 48		36		13/13.75			2	2	1				2	
95	4.43 SB	LT	M2-H4	108 x 36		27		13.75/14.25			2	2	1				2	
96	4.48 SB	LT	M2-1-21	21 x 15	2.19													
			MI-4-24	24 x 24	4		14											
97	RAMP C 0.51	RT	R5-H10D-36	36 x 36	9													
	RAMP D 0.40						13.5											
99	0.43	RT	W3-1A-36	36 x 36	9													
			MI-5-24	24 x 30	5													
			M6-4-21	21 x 15	2.19													
			M4-5-24	24 x 12	2													
			MI-5-24	24 x 24	4					14.75/14.5		2	2	6			2	
			M5-2-21	21 x 15	2.19													
100	0.45	LT	DI-H5A	108 x 24		18												
			DI-H5A	108 x 24		18												
		RT	R5-1A-36	36 x 24	6													
			R5-1A-36	36 x 24	6													
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					100.7	225	126	185.5	29.3		16	16	27		3	14		

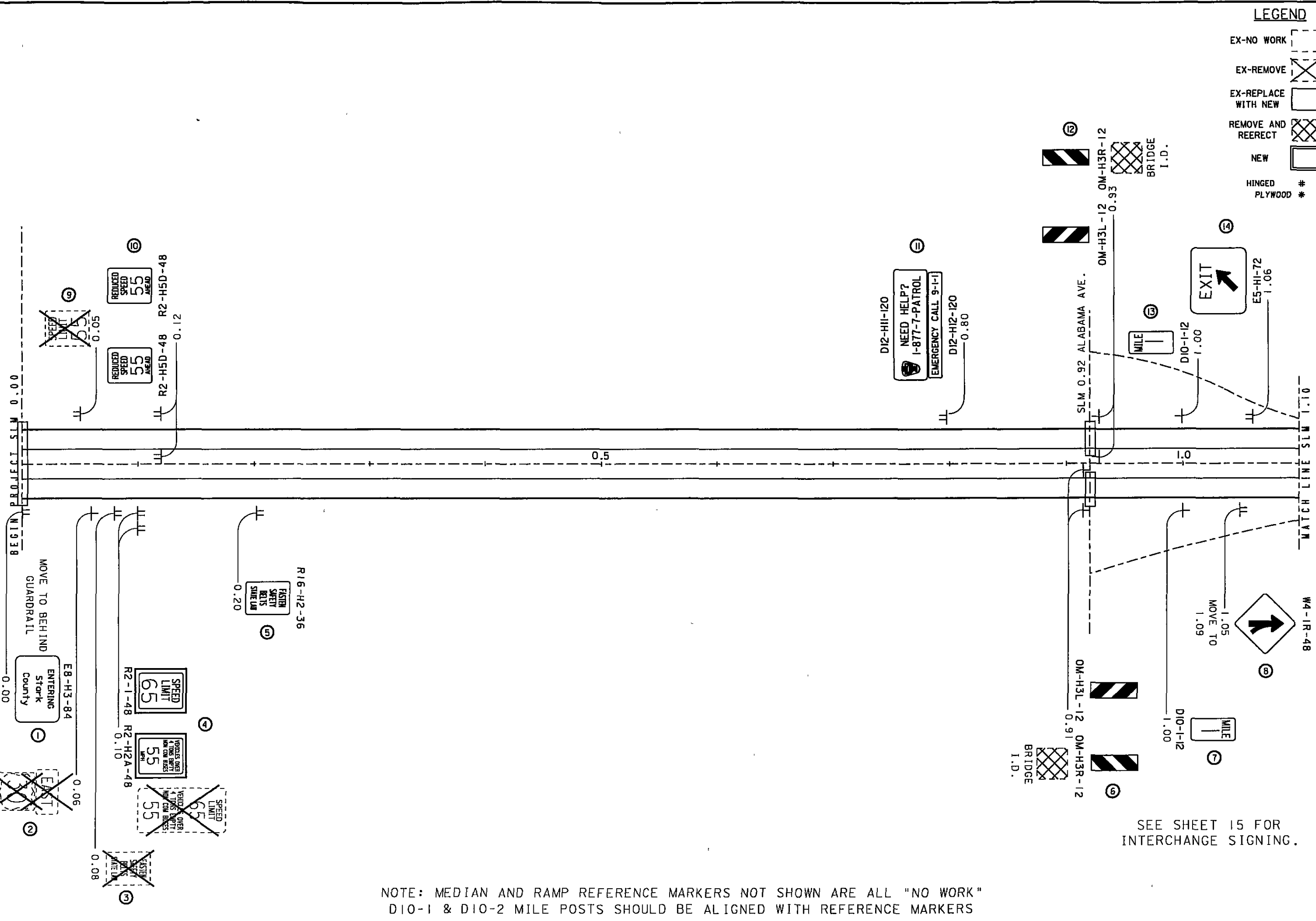
**SIGNING SUBSUMMARY**

**STA-US 30  
SIGNING 2006**

CALCULATED  
WHV  
CHECKED  
LAB







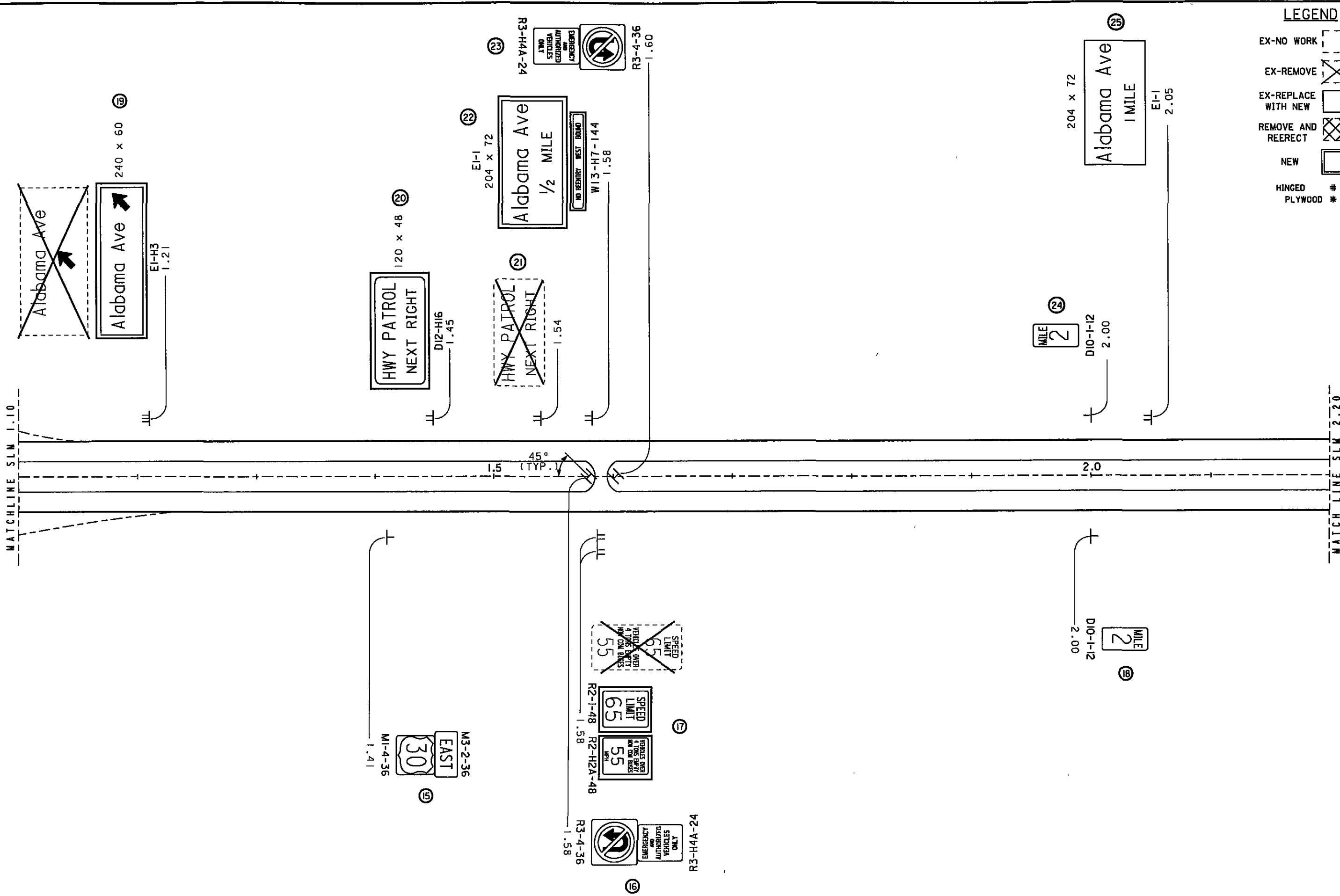
SEE SHEET 15 FOR INTERCHANGE SIGNING.

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
 D10-1 & D10-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

**US 30 SIGNING PLAN**  
**SLM 0.00 TO 1.10**

**STA-US 30**  
**SIGNING 2006**

9  
 23



**LEGEND**

- EX-NO WORK
- EX-REMOVE
- EX-REPLACE WITH NEW
- REMOVE AND REERECT
- NEW
- HINGED PLYWOOD \*

0 0.04 0.08 0.16  
 HORIZONTAL SCALE IN MILES  
 CALCULATED  
 CHECKED  
 LAB

**US 30 SIGNING PLAN  
SLM 1.10 TO 2.20**

**STA-US 30  
SIGNING 2006**

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

MATCHLINE SLM 2.20

MATCHLINE SLM 3.30

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
 DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

**LEGEND**

EX-NO WORK	
EX-REMOVE	
EX-REPLACE WITH NEW	
REMOVE AND REERECT	
NEW	
HINGED	#
PLYWOOD	**
DOUBLE SIDED	**#

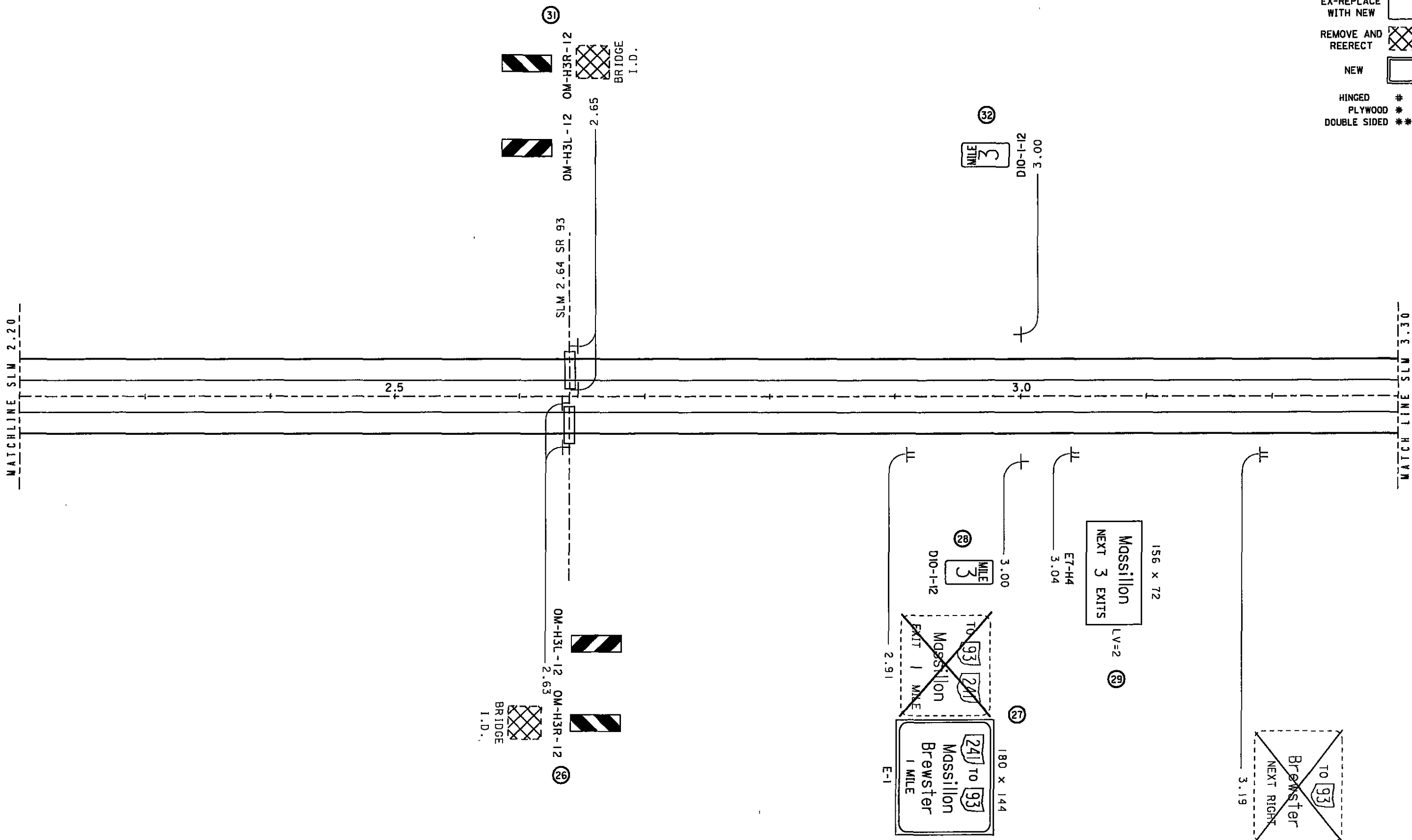
CALCULATED  
WHY

CHECKED  
LAB

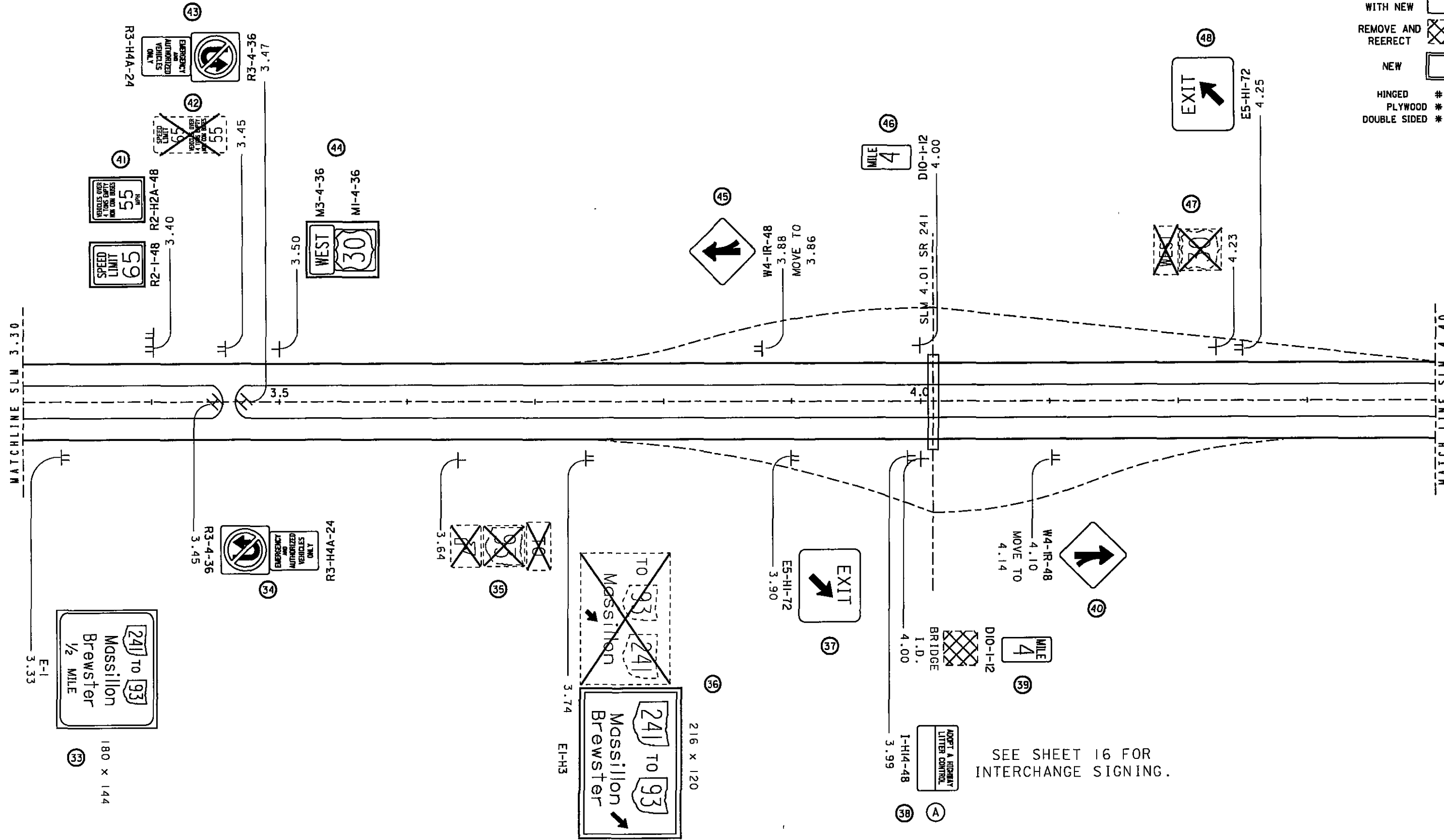
0 0.04 0.08  
0 0.02 0.06  
HORIZONTAL  
SCALE IN MILES

**US 30 SIGNING PLAN  
 SLM 2.20 TO 3.30**

**STA-US 30  
 SIGNING 2006**



(A) - CANTON CCC CAMP



**LEGEND**

- EX-NO WORK
- EX-REMOVE
- EX-REPLACE WITH NEW
- REMOVE AND REERECT
- NEW
- HINGED PLYWOOD #
- DOUBLE SIDED \*\*

CALCULATED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 LAB: \_\_\_\_\_

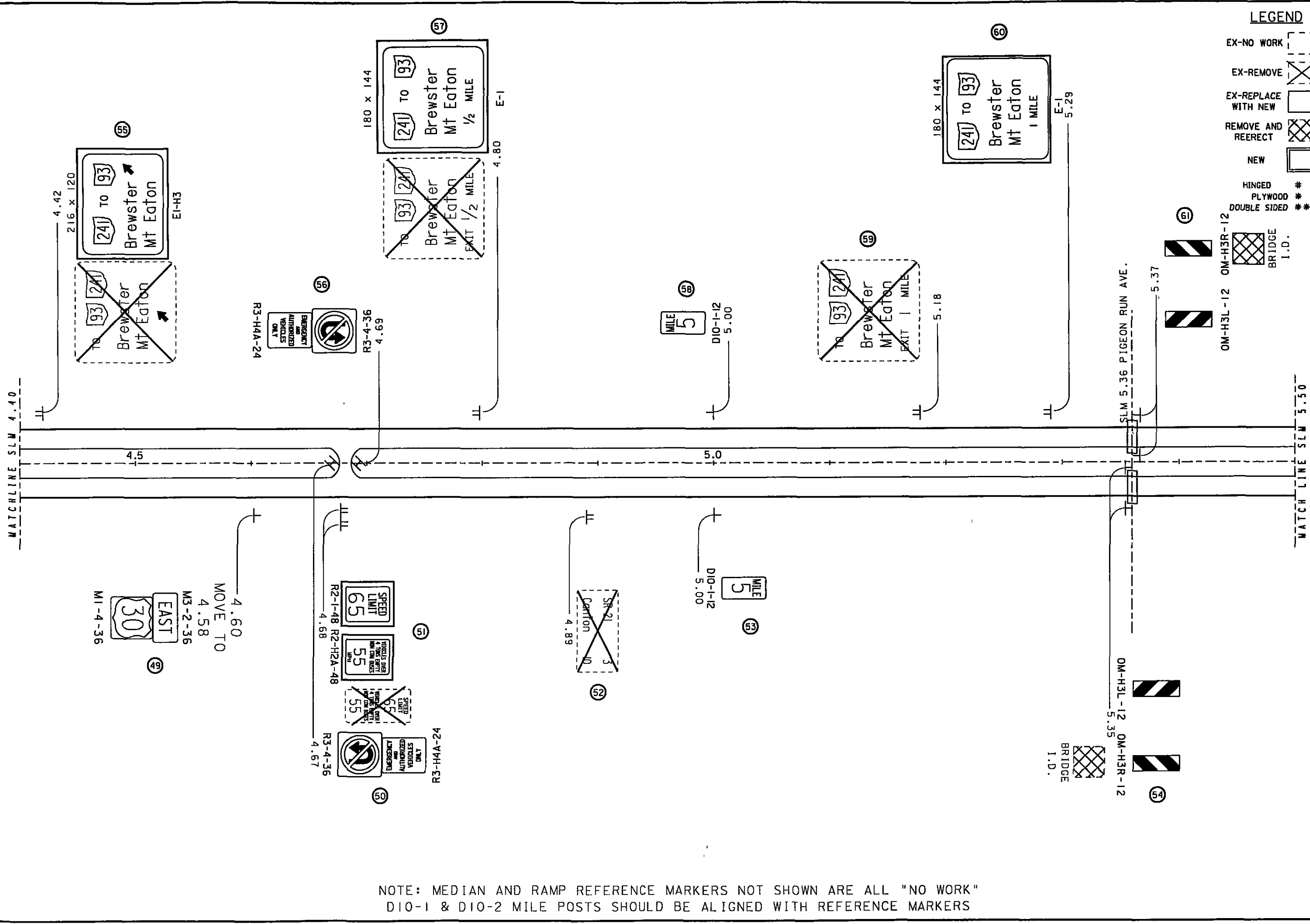
0 0.54 0.66 0.82  
 HORIZONTAL SCALE IN MILES

**US 30 SIGNING PLAN  
 SLM 3.30 TO 4.40**

**STA-US 30  
 SIGNING 2006**

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
 DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

SEE SHEET 16 FOR INTERCHANGE SIGNING.



LEGEND

- EX-NO WORK
- EX-REMOVE
- EX-REPLACE WITH NEW
- REMOVE AND REERECT
- NEW
- HINGED PLYWOOD DOUBLE SIDED
- BRIDGE I.D.

CALCULATED BY: [ ]  
 CHECKED BY: [ ]  
 LAB: [ ]

0 0.02 0.04 0.06 0.08  
 HORIZONTAL SCALE IN MILES

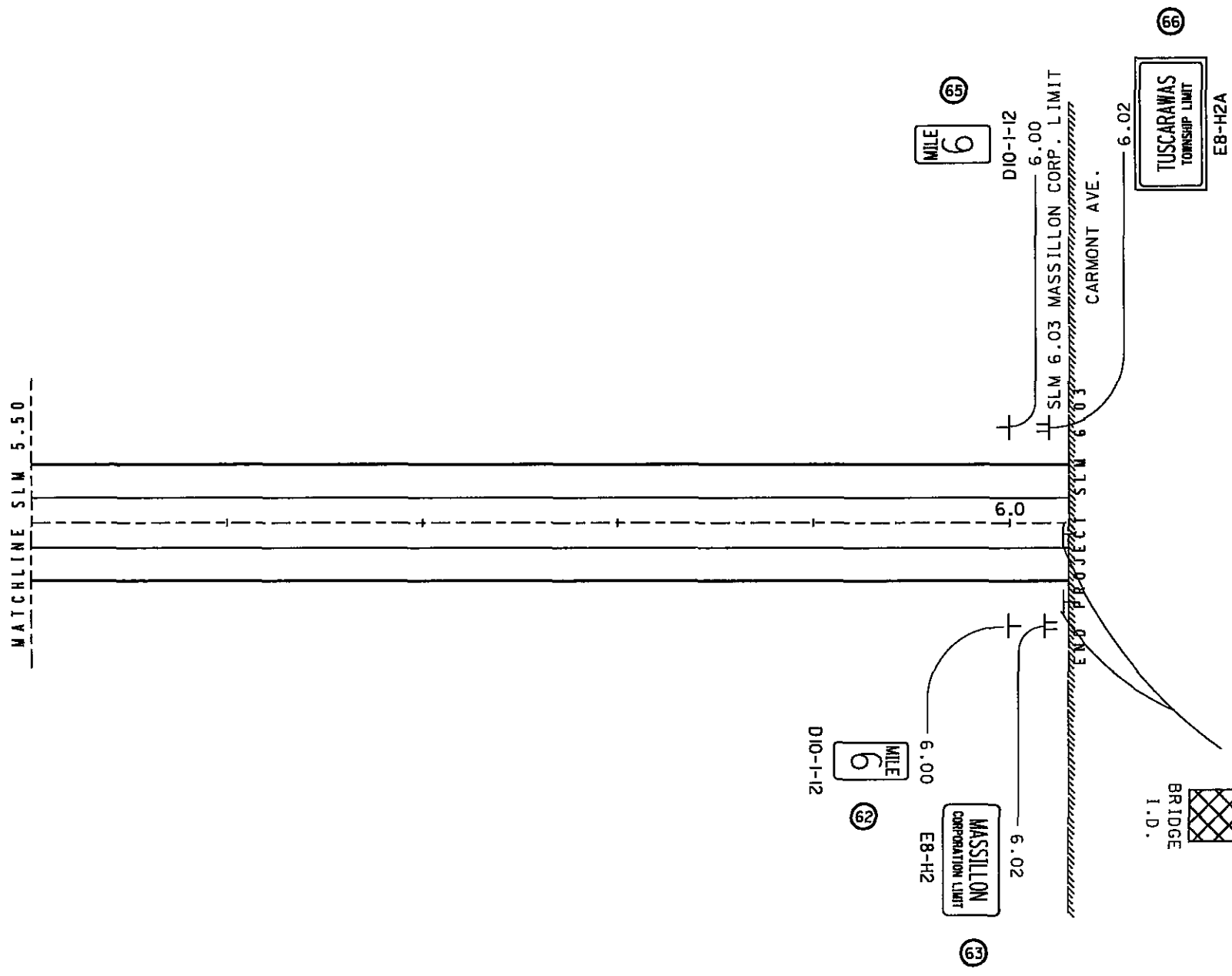
US 30 SIGNING PLAN  
 SLM 4.40 TO 5.50

STA - US 30  
 SIGNING 2006

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
 DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

I:\Projects\78613\_STA US 30 (0.00-6.03)\78613tp.dgn 28-JUN-2005 11:8PM wvannice

MATCHLINE SLM 5.50



NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

**LEGEND**

- EX-NO WORK
- EX-REMOVE
- EX-REPLACE WITH NEW
- REMOVE AND REERECT
- NEW
- HINGED #
- PLYWOOD \*
- DOUBLE SIDED \*\*

CALCULATED BY WHV  
CHECKED BY LAB

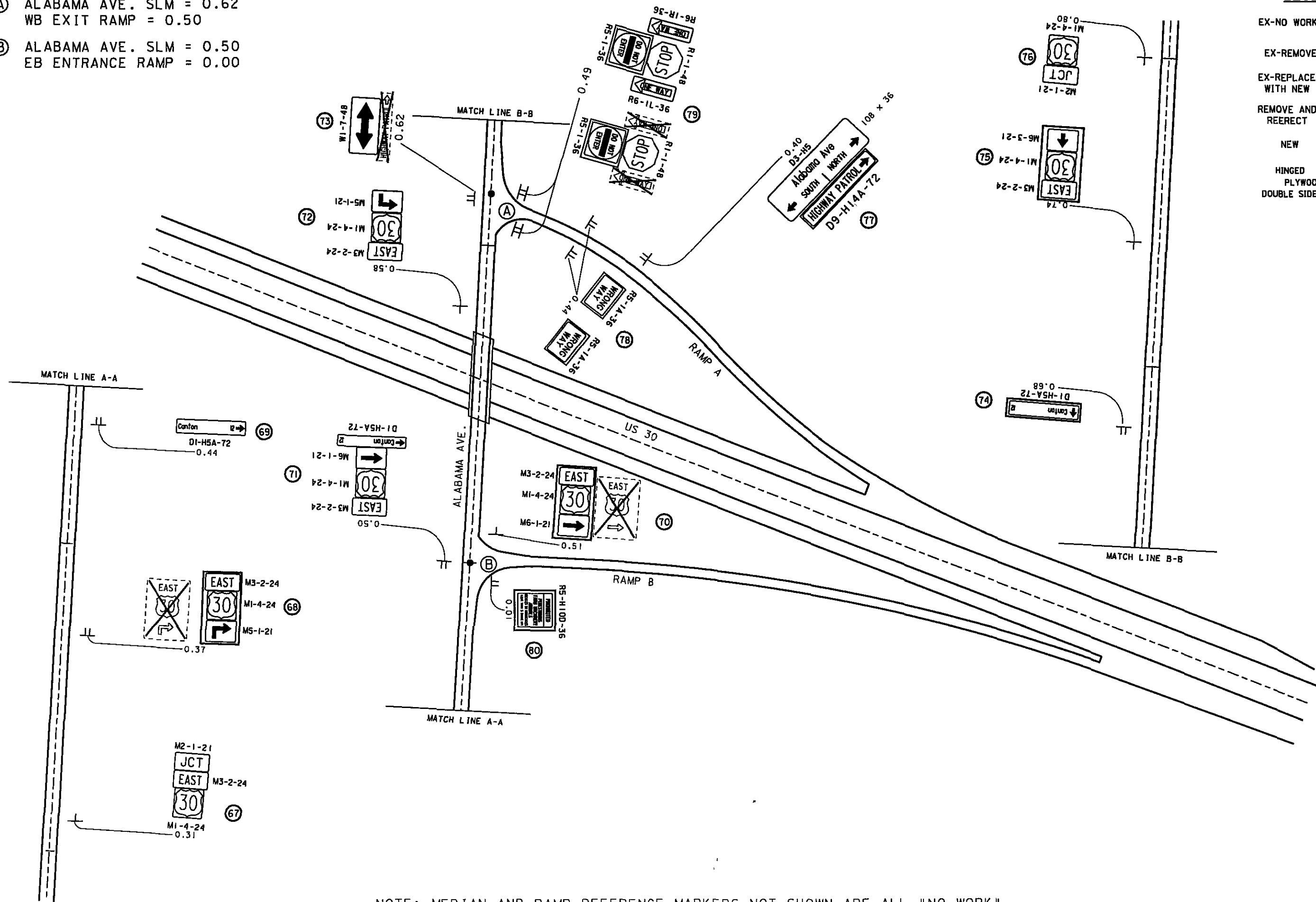
0 0.02 0.04 0.06 0.08  
HORIZONTAL SCALE IN MILES

US 30 SIGNING PLAN  
SLM 5.50 TO 6.03

STA - US 30  
SIGNING 2006

I:\Projects\78613 STA US 30 (0.00-6.03)\78613tp.dgn 29-JUN-2005 1:32PM wvannice

- (A) ALABAMA AVE. SLM = 0.62  
WB EXIT RAMP = 0.50
- (B) ALABAMA AVE. SLM = 0.50  
EB ENTRANCE RAMP = 0.00



**LEGEND**

- EX-NO WORK [dashed box]
- EX-REMOVE [cross-hatched box]
- EX-REPLACE WITH NEW [solid box]
- REMOVE AND REERECT [diagonal lines box]
- NEW [solid box]

HINGED \*  
PLYWOOD \*\*  
DOUBLE SIDED \*\*\*

SCALE IN MILES  
0 0.04 0.08 0.16

CHECKED LAB  
CALCULATED WHV

**US 30 SIGNING PLAN  
INTERSECTION DETAIL**

**STA - US 30  
SIGNING 2006**

NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
DIO-1 & DIO-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

- (A) SR 241 SLM = 4.18  
EB RAMPS SLM= 0.50
- (B) SR 241 SLM = 4.30  
WB RAMPS SLM= 0.50

LEGEND

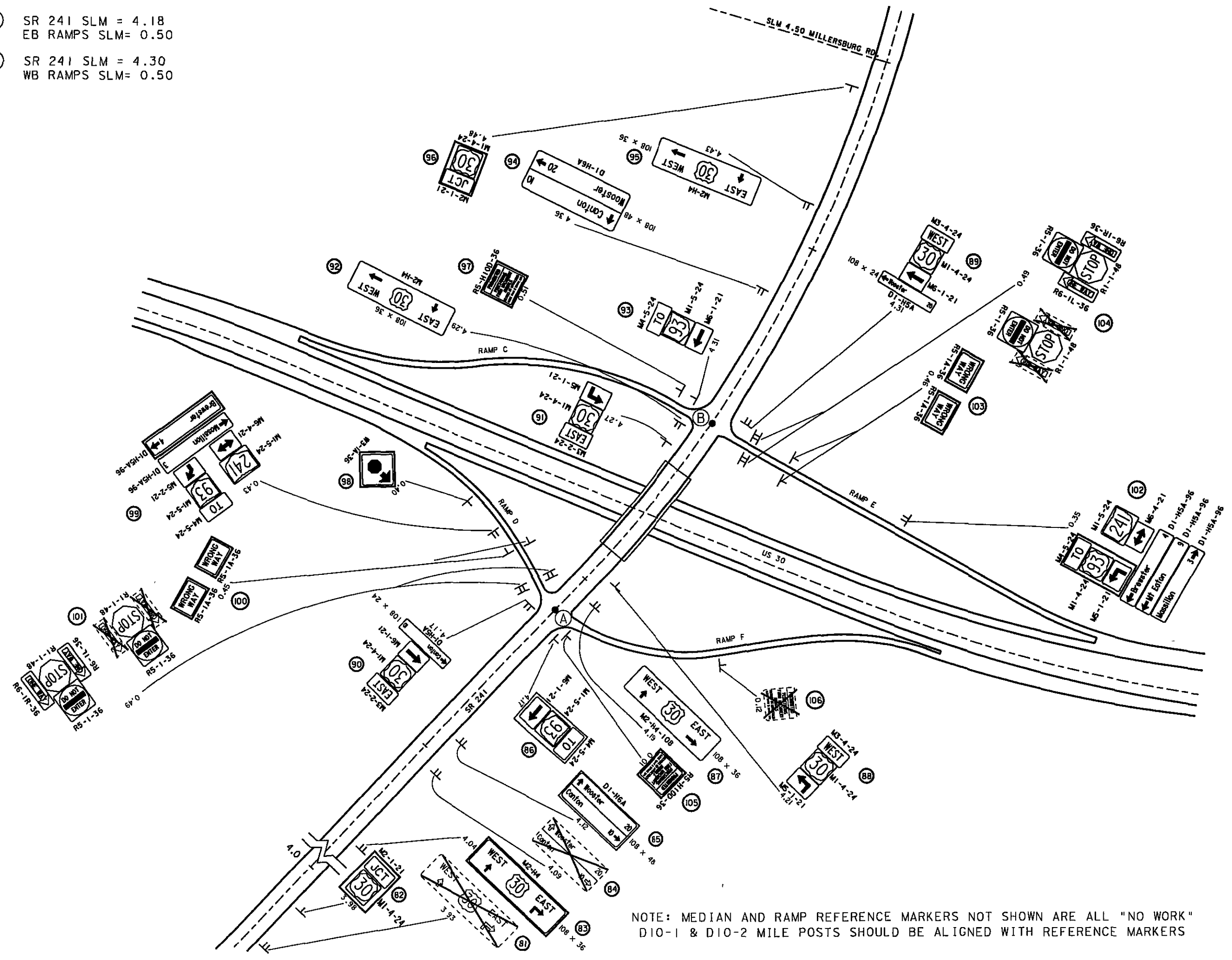
- EX-NO WORK
- EX-REMOVE
- EX-REPLACE WITH NEW
- REMOVE AND REERECT
- NEW
- HINGED \*
- PLYWOOD \*
- DOUBLE SIDED \*\*

0.04  
0.02  
0.01  
SCALE IN MILES

CALCULATED  
WHY  
CHECKED  
LAB

US 30 SIGNING PLAN  
INTERSECTION DETAIL

STA-US 30  
SIGNING 2006



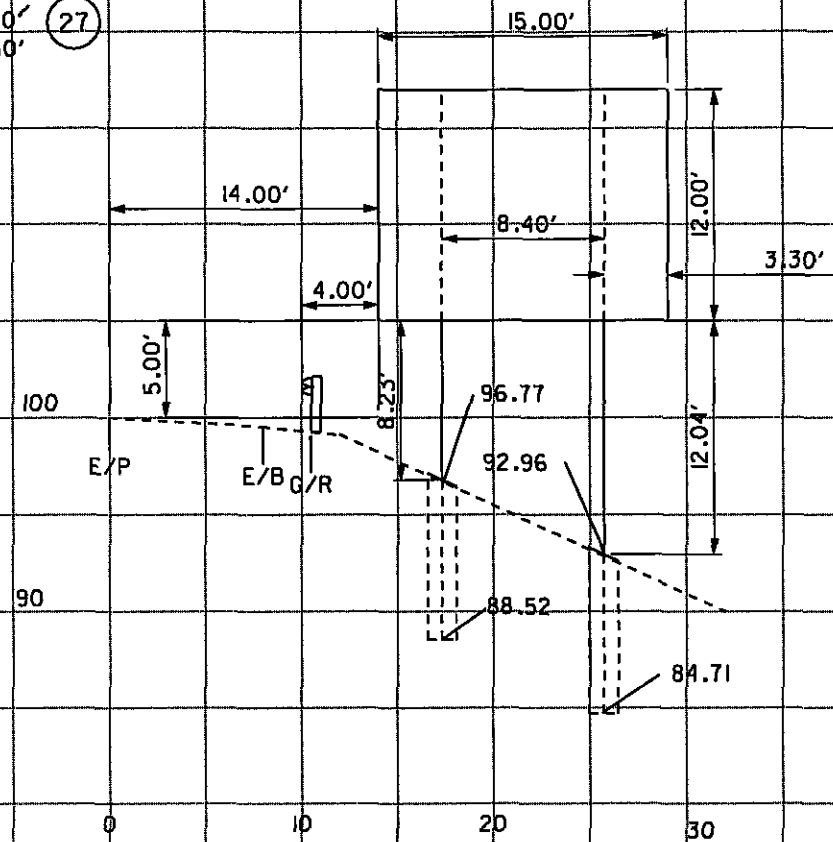
NOTE: MEDIAN AND RAMP REFERENCE MARKERS NOT SHOWN ARE ALL "NO WORK"  
D10-1 & D10-2 MILE POSTS SHOULD BE ALIGNED WITH REFERENCE MARKERS

I:\Projects\78613 STA US 30 (0.00-6.03)\78613tp.dgn 29-JUN-2005 1:33PM wyanmice



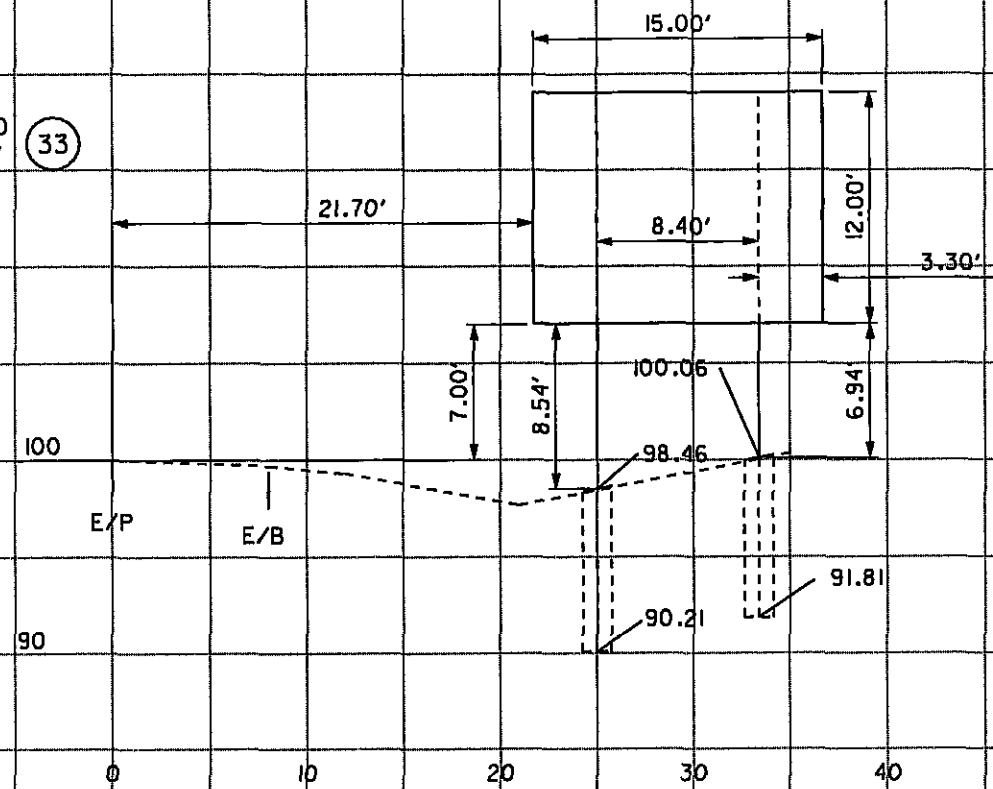
2.91 EB  
W12X30  
L 28.00'  
R 32.50'

(27)



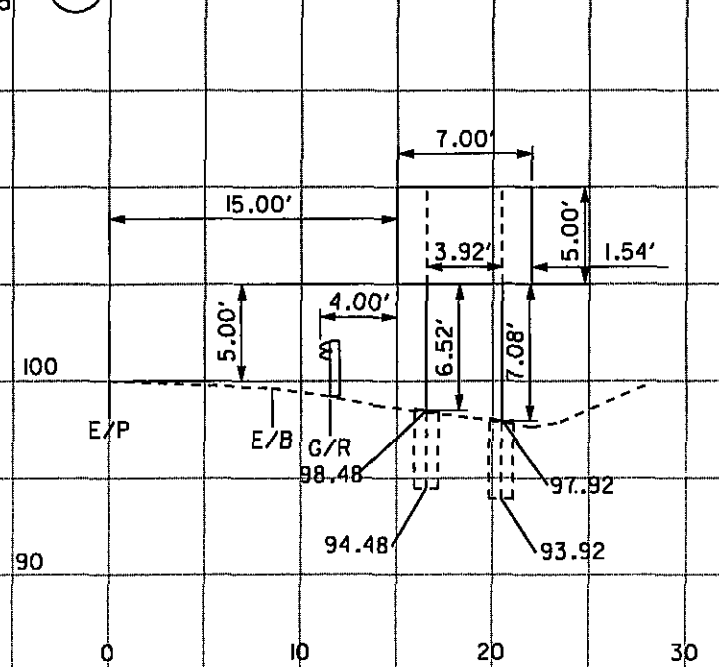
3.33 EB  
W12 X 30  
L 29.00'  
R 27.25'

(33)



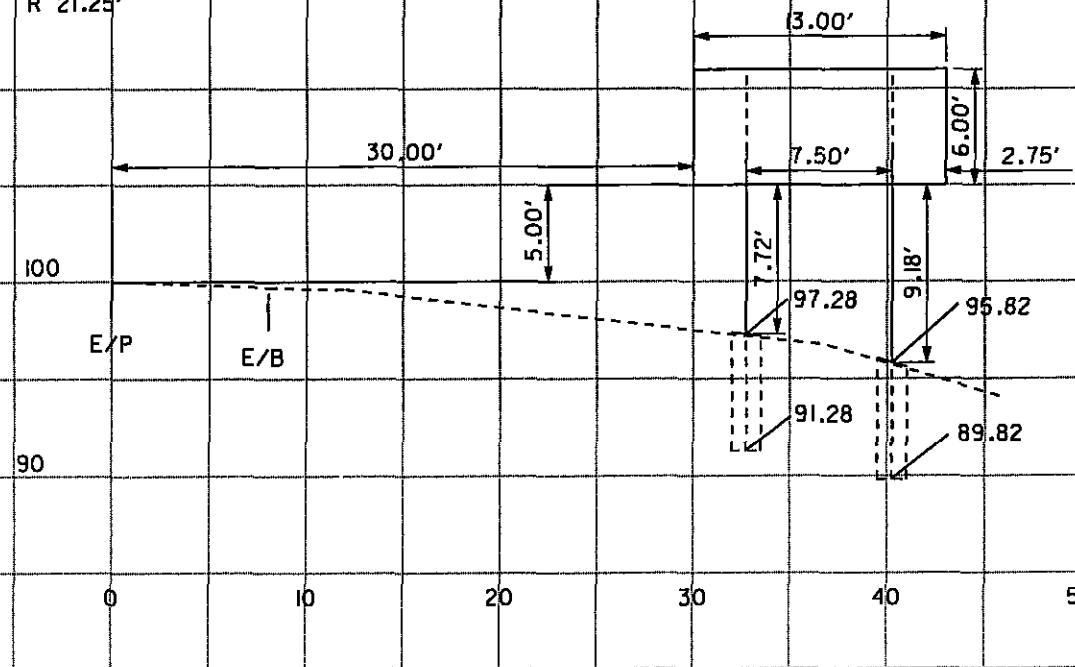
0.00 EB  
S4 X 7.7  
L 15.75'  
R 16.25'

(1)



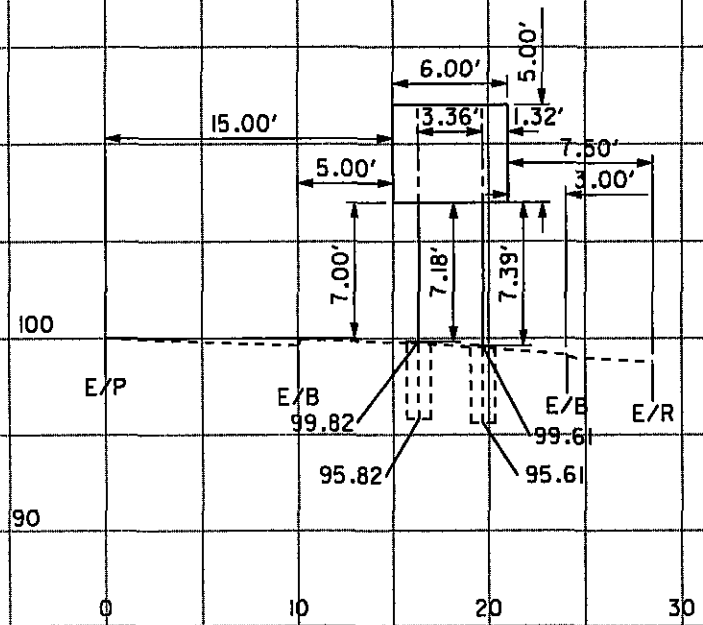
3.04 EB  
W10 X 12  
L 19.75'  
R 21.25'

(29)

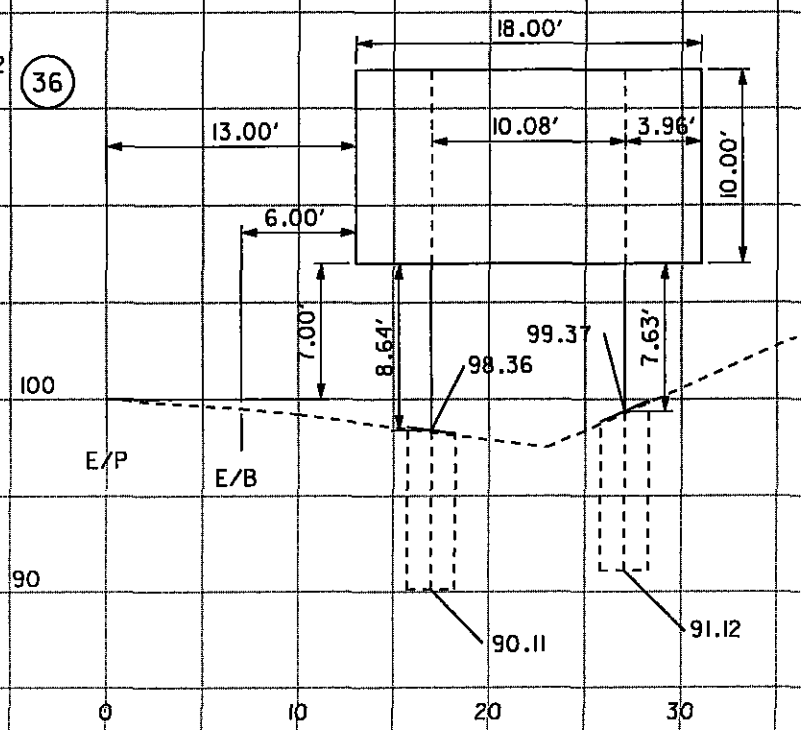


I:\Projects\78613 STA US 30 10.00-6.03\78613gxd.dgn 28-JUN-2005 12:24PM wvannice

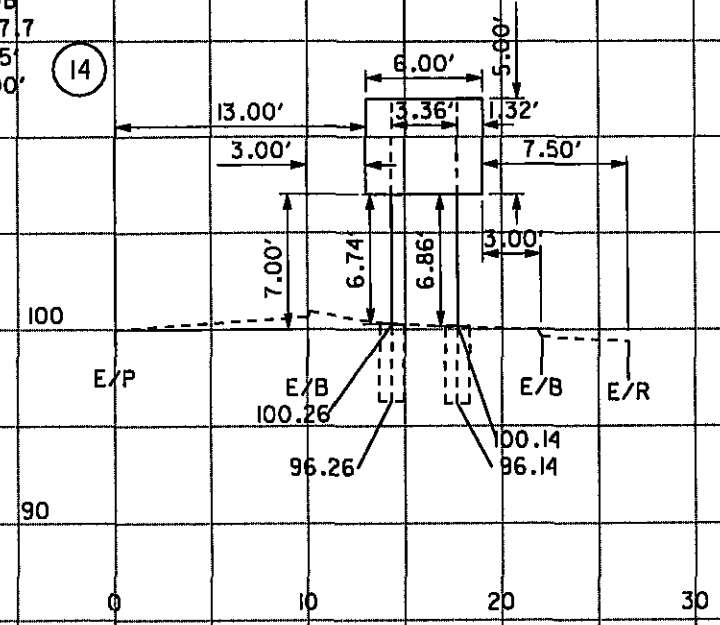
3.90 EB  
S4 X 7.7  
L 16.25  
R 16.50 (37)



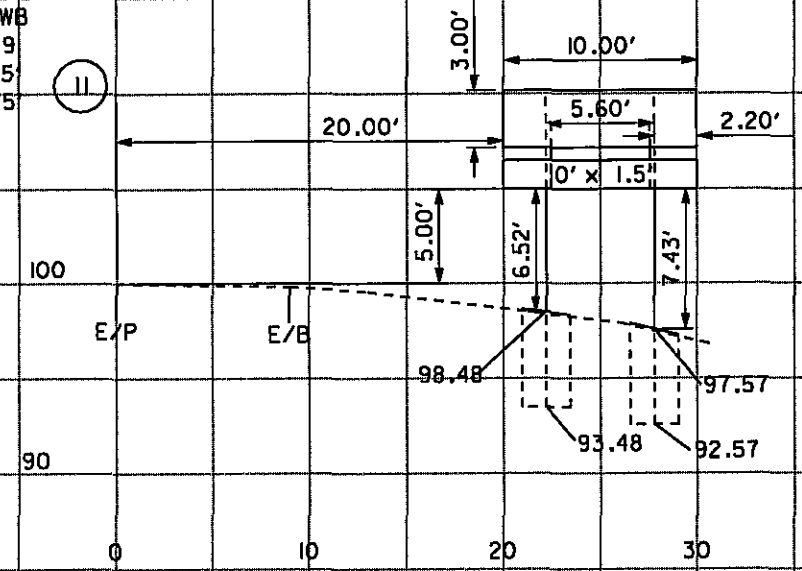
3.74 EB  
W10 X 22  
L 27.00'  
R 26.00' (36)



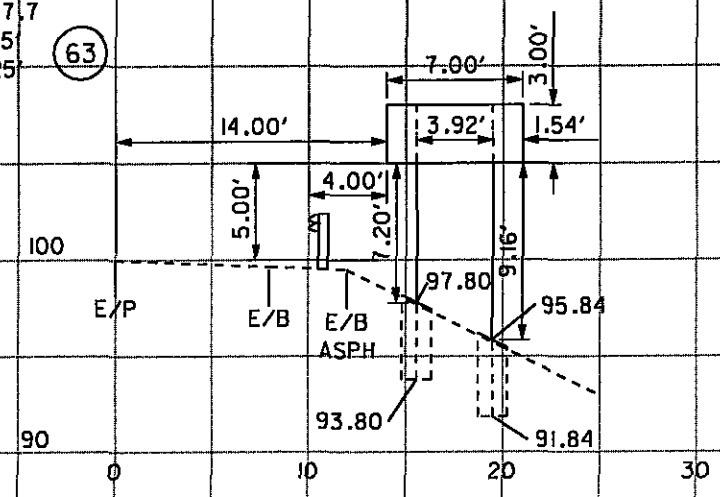
1.06 WB  
S4 X 7.7  
L 15.75  
R 16.00' (14)



0.80 WB  
W6 X 9  
L 16.75  
R 17.75 (11)



6.02 EB  
S4 x 7.7  
L 14.25  
R 16.25 (63)



CALCULATED  
WHV  
CHECKED  
LAB

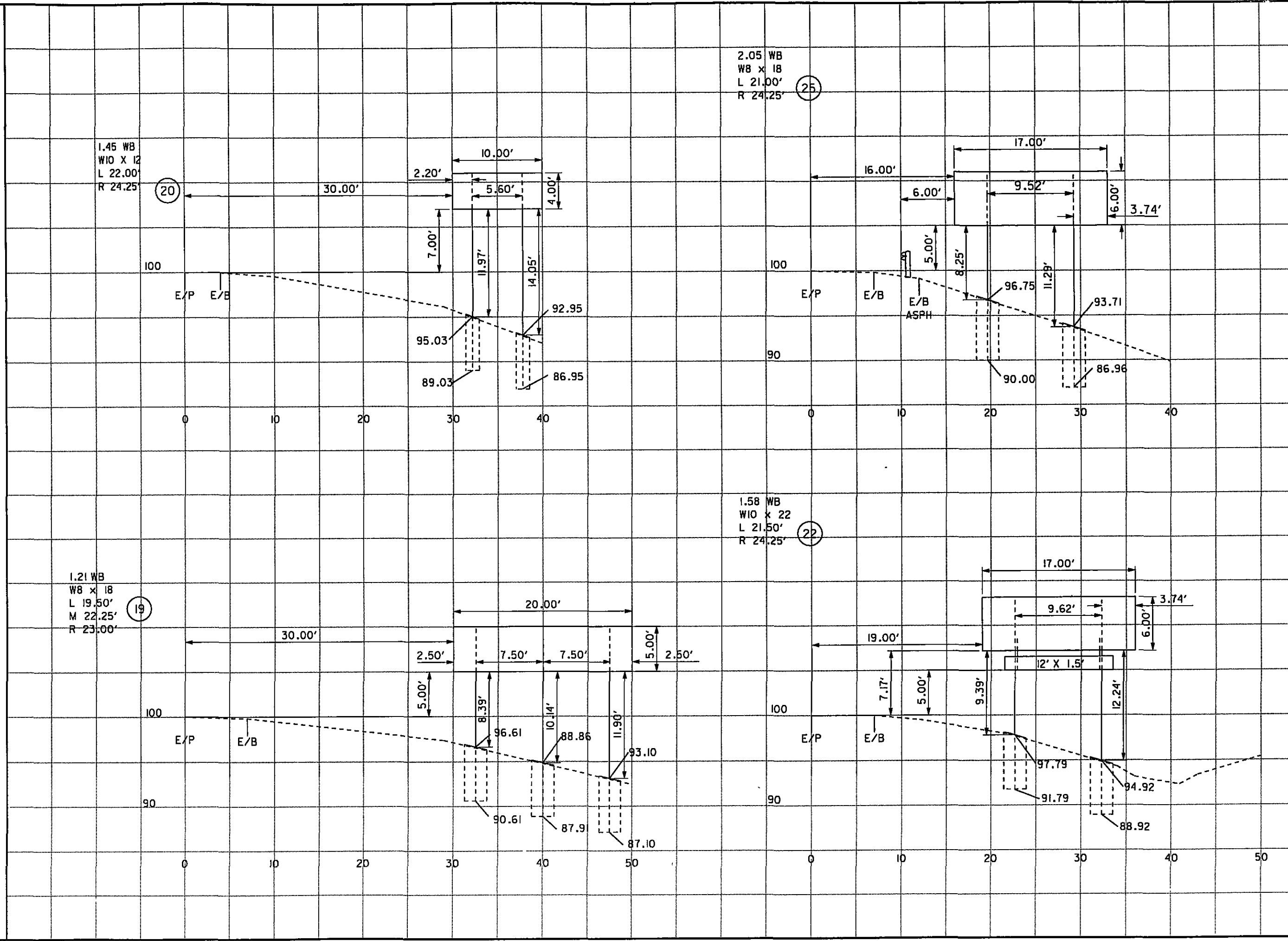
STA 30 CROSS SECTIONS

STA-US 30  
SIGNING 2006

18  
23

STA 30 CROSS SECTIONS

STA-US 30  
SIGNING 2006



1.45 WB  
W10 X 12  
L 22.00'  
R 24.25'

20

2.05 WB  
W8 X 18  
L 21.00'  
R 24.25'

25

1.21 WB  
W10 X 18  
L 19.50'  
M 22.25'  
R 23.00'

19

1.58 WB  
W10 X 22  
L 21.50'  
R 24.25'

22

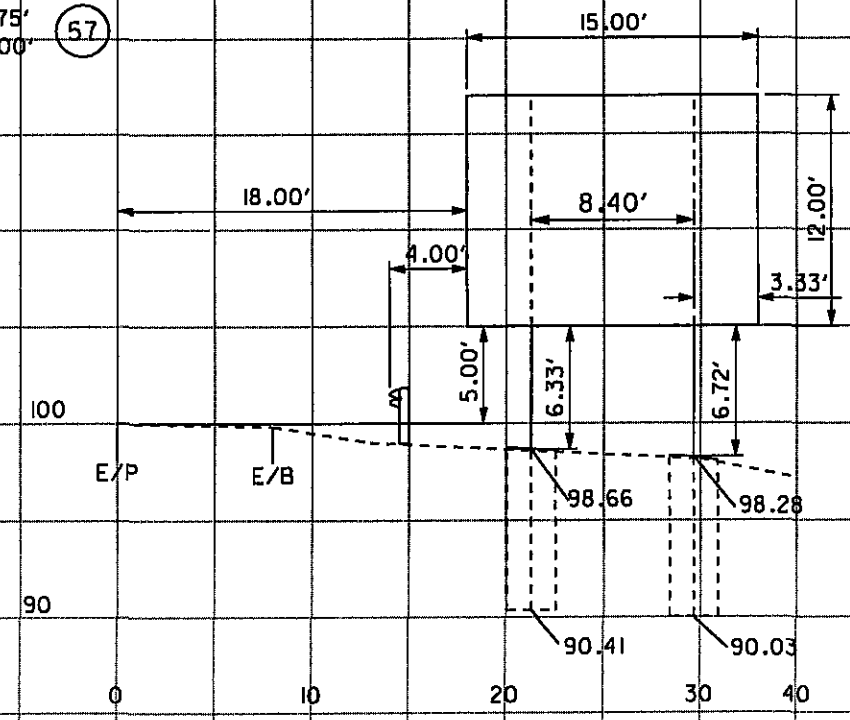
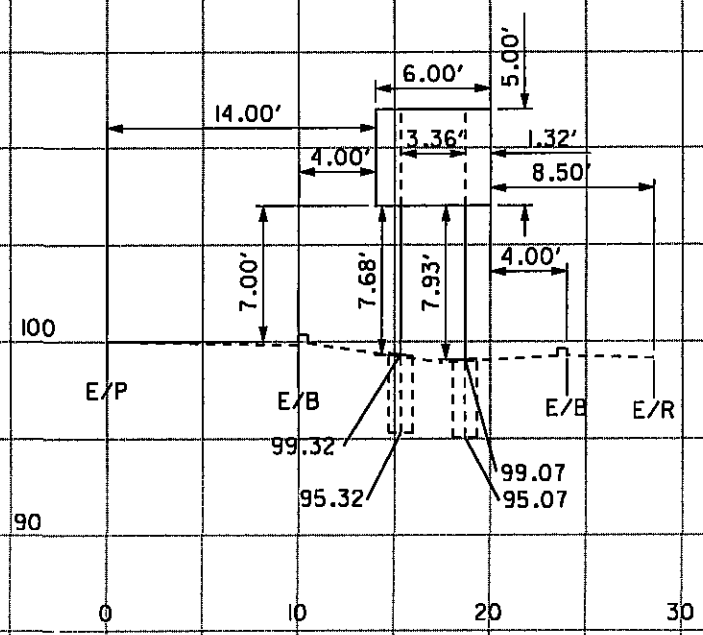
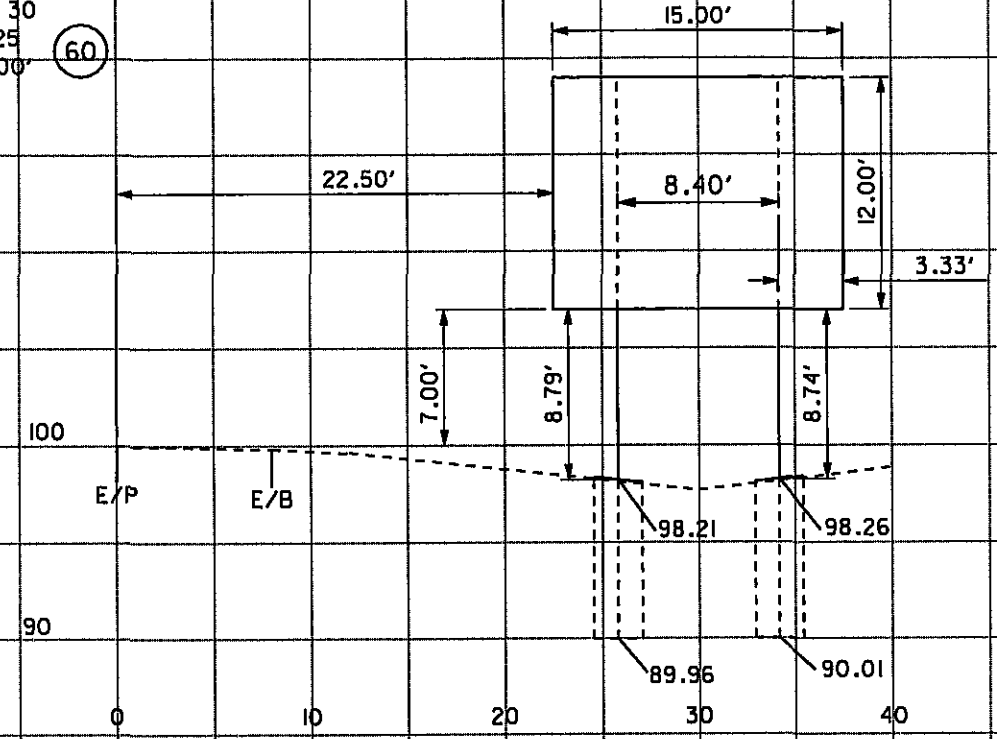
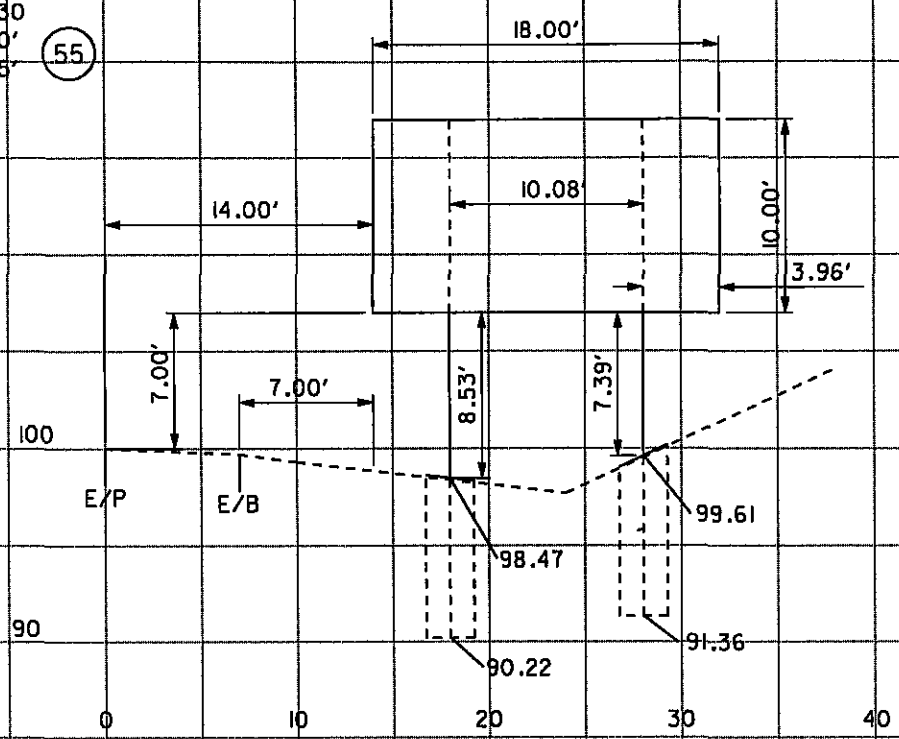
I:\Projects\78613 STA US 30 (0.00-6.03)\78613.dgn 28-JUN-2005 4:24PM wyannice

4.42 WB  
W12 X 30  
L 27.00'  
R 25.75' (55)

5.28 WB  
W12 X 30  
L 29.25'  
R 29.00' (60)

4.25 WB  
S4 X 7.7  
L 16.75'  
R 17.00' (48)

4.80 WB  
W10 X 22  
L 26.75'  
R 27.00' (57)



CALCULATED  
WHY  
CHECKED  
LAB

STA 30 CROSS SECTIONS

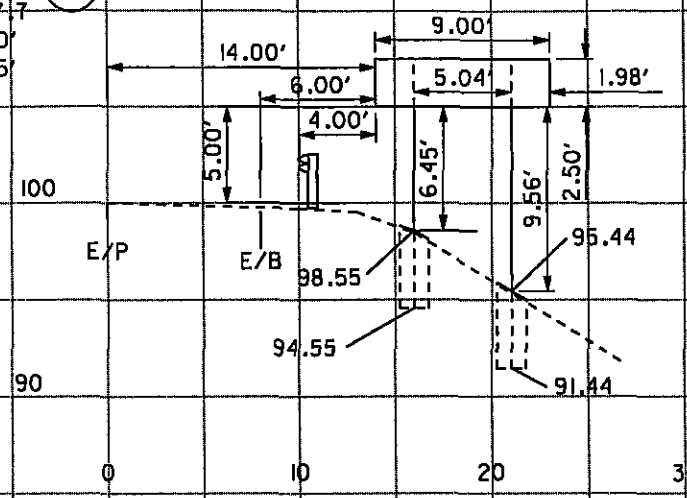
STA-US 30  
SIGNING 2006

20  
23

I:\Projects\78613 STA US 30 (10.00-6.03)\78613g.x.dgn 28-JUN-2005 12:24PM wvannice

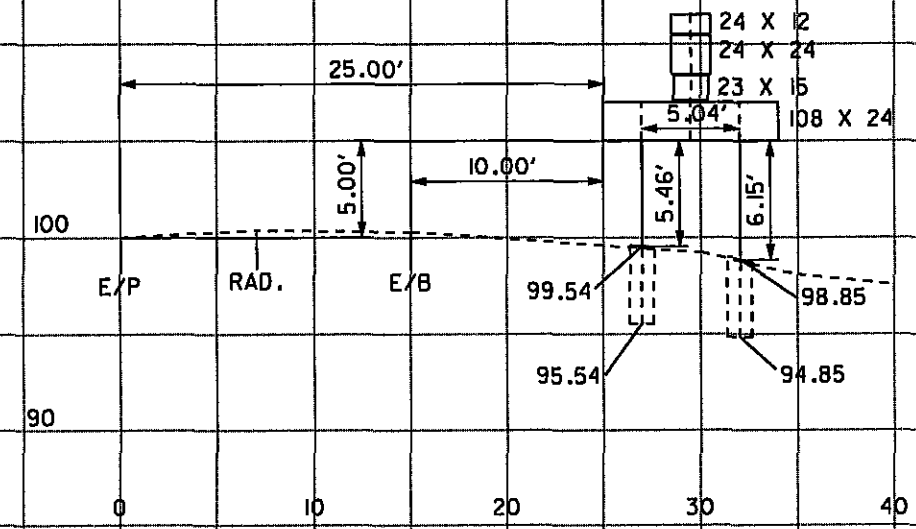
SR 241  
NB  
4.12  
S4 X 7.7  
L 13.00'  
R 16.25'

(85)



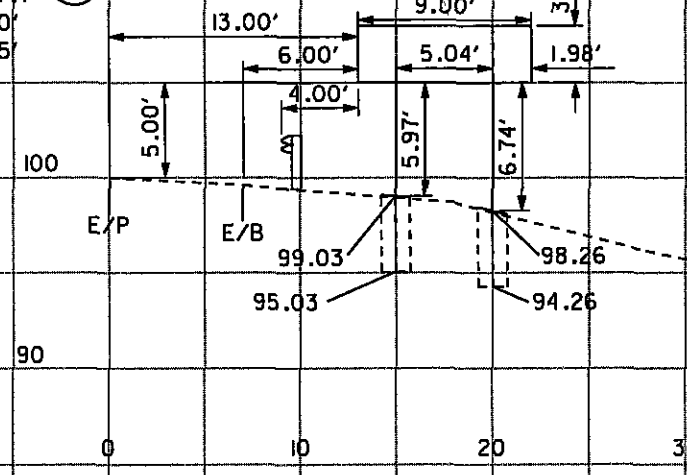
SR 241  
N.B.  
4.31  
S4 X 7.7  
L 11.50'  
R 12.25'

(89)



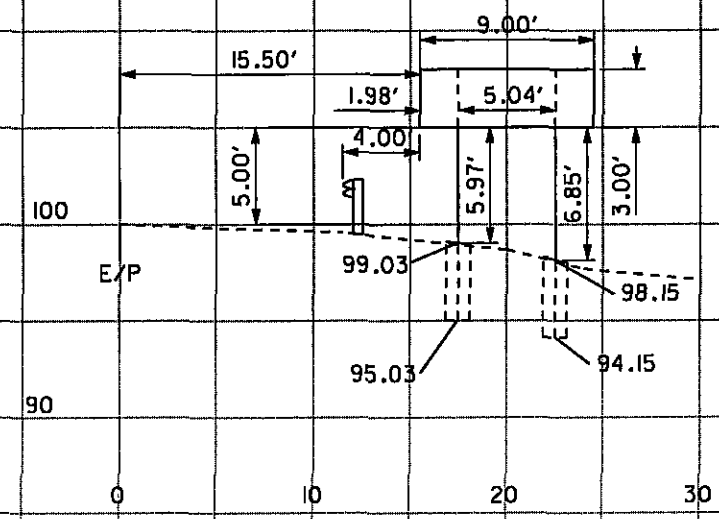
SR 241  
NB  
4.04  
S4 X 7.7  
L 13.00'  
R 13.75'

(83)



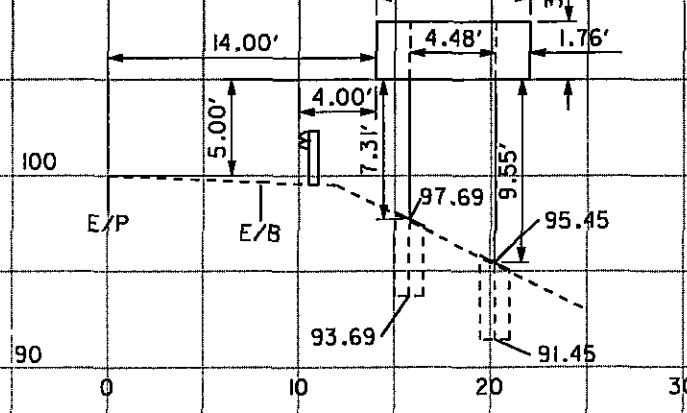
SR 241  
N.B.  
4.19  
S4 X 7.7  
L 13.00'  
R 14.00'

(87)



6.02 WB  
S4 x 7.7  
L 14.50'  
R 16.75'

(66)



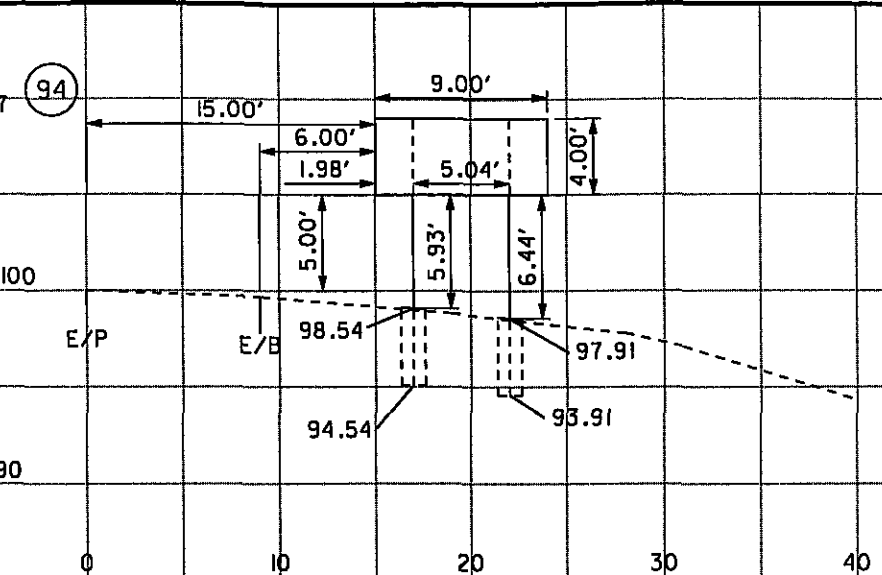
CALCULATED  
WHY  
CHECKED  
LAB

STA 30 CROSS SECTIONS

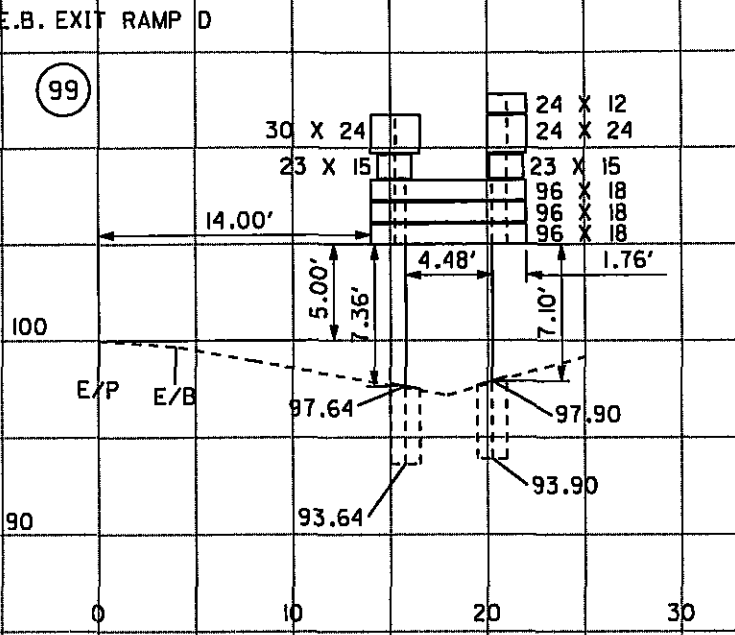
STA-US 30  
SIGNING 2006

21  
23

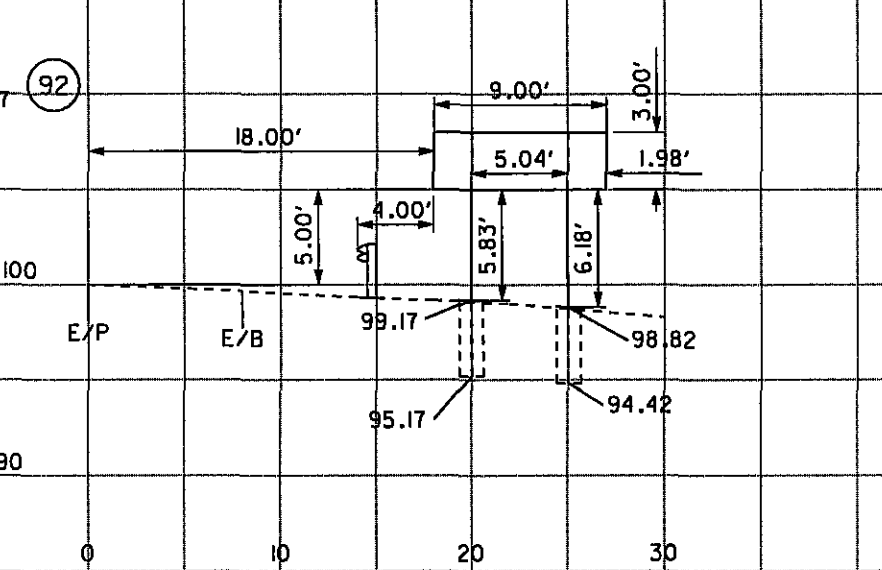
SR 241  
S.B.  
4.36  
S4 X 7.7  
L 13.00'  
R 13.75'



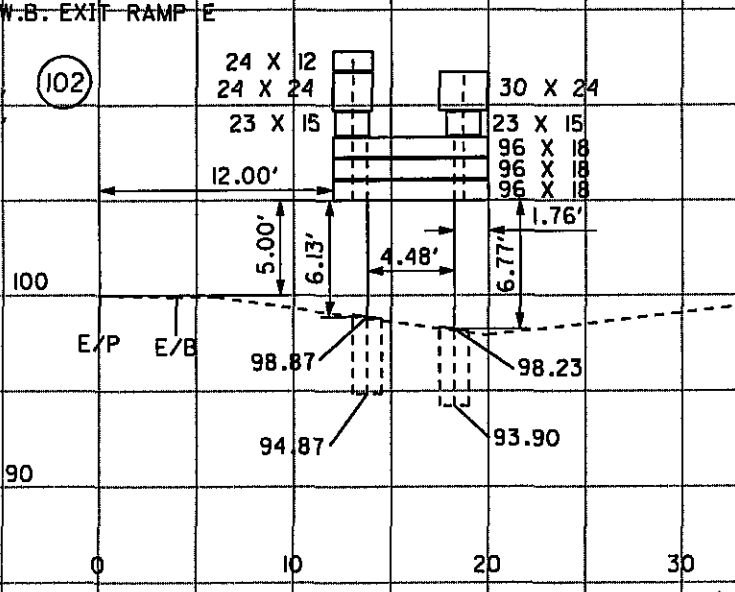
SR 241 E.B. EXIT RAMP D  
0.43  
W6 X 9  
L 14.75'  
R 14.50'



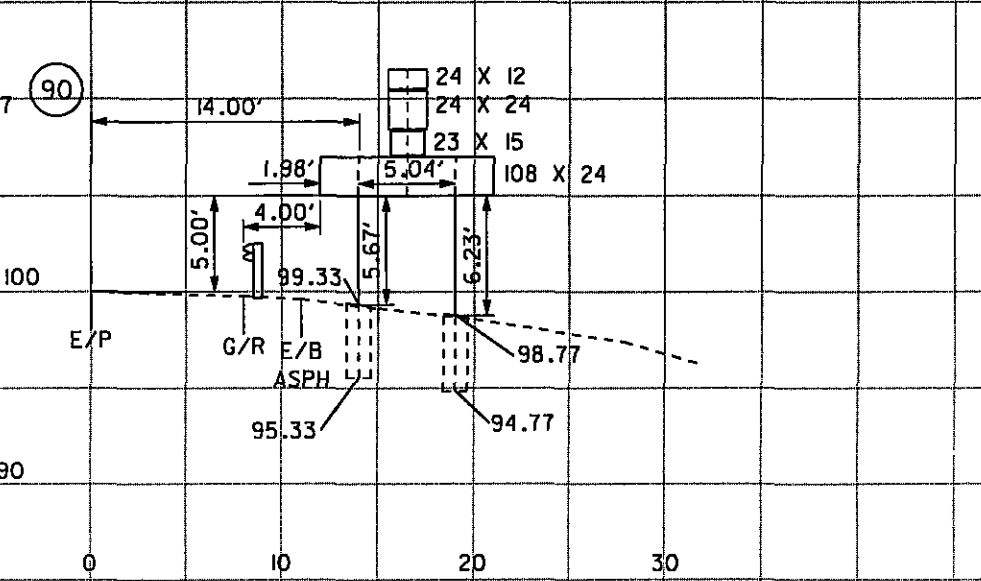
SR 241  
S.B.  
4.29  
S4 X 7.7  
L 13.00'  
R 13.75'



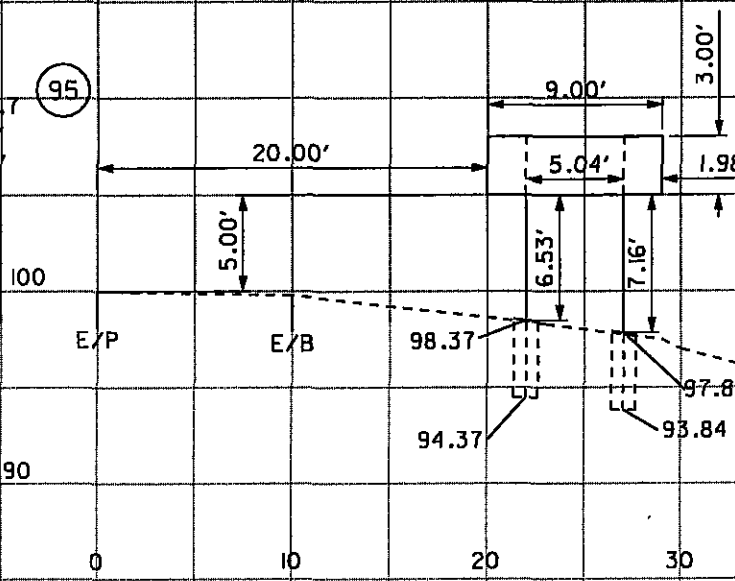
SR 241 W.B. EXIT RAMP E  
0.35  
W6 X 9  
L 13.50'  
R 14.25'



SR 241  
MB  
4.17  
S4 X 7.7  
L 11.75'  
R 12.25'



SR 241  
S.B.  
4.43  
S4 X 7.7  
L 13.75'  
R 14.25'



CHECKED  
WHY  
LAB

STA 30 CROSS SECTIONS

STA-US 30  
SIGNING 2006

