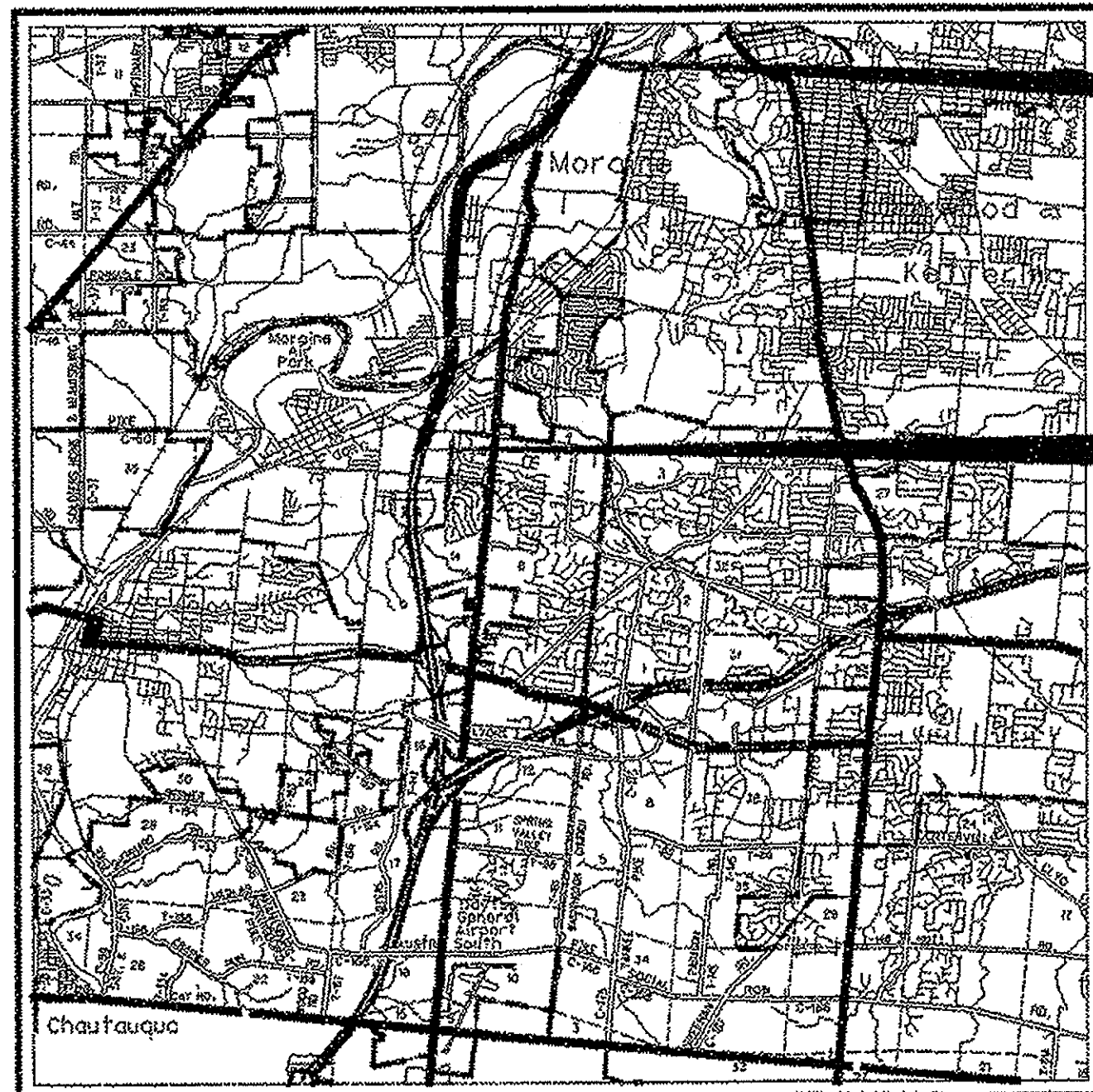


STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

**MOT-GUIDE SIGN REPLACEMENT
PHASE II**

**CITY OF WEST CARROLLTON
CITY OF MORAINE
MIAMI TOWNSHIP**



END PROJECT:
STA. 220+00
S.L.M. 10.78

BEGIN PROJECT:
STA. 275+00
S.L.M. 5.20

LOCATION MAP

LATITUDE: 39°38'23" LONGITUDE: 84°13'54"

SCALE IN MILES



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

INDEX OF SHEETS:

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PROJECT DESCRIPTION

GUIDE SIGN UPGRADE ALONG IR-75, MONTGOMERY COUNTY TO INCLUDE SOME REMOVAL AND REPLACEMENT OF SIGN SUPPORTS, AND FOUNDATIONS BOTH GROUND MOUNTED AND OVERHEAD. AS INDICATED WITHIN THESE PLANS.

PROJECT EARTH DISTURBED AREA: N/A ACRES
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES

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.

2008 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 OF SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

MOT - IR-GUIDE SIGN REPLACEMENT
090491 PID - 83716
Dist 7 11/4/2009

18--MAR--2009 10:35:54

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UNDERGROUND UTILITIES
 CONTACT BOTH SERVICES
 CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
 (TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
 SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
 OHIO DEPARTMENT OF
 TRANSPORTATION
 DISTRICT 7 PRODUCTION

ENGINEERS SEAL:

SIGNED: *Sherry Wampler*
 DATE: 3/16/09

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS
GR-1.1	7-16-04	TC-51.11	4-20-01	MT-105.10	1-16-09	800 7-17-09
GR-2.1	1-16-04	TC-51.12	4-20-01			832 4-17-09
GR-4.2	1-19-07			DM-4.3	4-17-09	
GR-5.3	1-16-04			DM-4.4	4-17-09	
		MT-35.10	4-20-01			
		MT-95.30	7-17-09			
TC-12.30	1-19-07	MT-95.31	7-17-09			
TC-16.24	1-18-02	MT-97.10	4-17-09			
TC-18.26	1-18-02	MT-98.20	7-17-09			
TC-21.20	1-16-09	MT-98.22	7-17-09			
TC-22.10	1-19-01	MT-98.28	7-17-09			
TC-22.20	1-19-01	MT-105.10	1-16-09			
TC-32.11	1-19-07					
TC-41.10	10-19-07					
TC-41.20	1-19-01					
TC-42.10	1-19-07					

SPECIAL PROVISIONS

APPROVED *Rex Dickey, P.E., P.S./P.E.N*
 DATE 3-16-09 DISTRICT DEPUTY DIRECTOR

APPROVED *John M. Walters, Jr.*
 DATE 8-19-09 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. **NON-FEDERAL**
 PID NO. **83716**
 CONSTRUCTION PROJECT NO. **NONE**
 RAILROAD INVOLVEMENT **NONE**
MOT-GUIDE SIGN REPLACEMENT PHASE II
 1
 23

UTILITIES

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THESE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE UTILITY COMPANIES MAY HAVE UNDERGROUND INSTALLATIONS ALONG THE VARIOUS ROUTES AFFECTED BY THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY LOCATIONS, AND ANY DAMAGE DUE TO NEGLIGENCE BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS COST.

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON LOCAL ASSUMED ELEVATIONS

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON 1988 DATUM.

WORK LIMITS

WORK LIMITS ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER TO KEEP ALL WORK WITHIN STATE AND PUBLIC RIGHT OF WAY. ANY WORK OUTSIDE OF THE DESIGNATED RIGHT OF WAY SHALL FIRST BE APPROVED BY THE PROJECT ENGINEER.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ITEM 201, CLEARING AND GRUBBING LUMP

ITEM 630 REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, AS PER PLAN

THIS ITEM SHALL FOLLOW CMS 630 REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, EXCEPT THE REMOVAL OF ALL SUPPORT FOUNDATIONS AND ALL ADDITIONAL UNUSED FOUNDATIONS SHALL BE FULL DEPTH REMOVAL. THE CONTRACTOR SHALL BACKFILL AND RESTORE SURFACES TO A CONDITION EQUAL TO THAT OF THE EXISTING BEFORE THE WORK STARTED OR TO THE FINISHED GROUNDLINE AND DISPOSE OF SURPLUS MATERIAL ACCORDING TO 603.12 AT NO COST TO THE DEPARTMENT.

PAYMENT FOR ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN ITEM 630 REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, AS PER PLAN.

ITEM 630 - SIGN, OVERHEAD EXTRUSHEET, AS PER PLAN

ALL OVERHEAD SIGNS SHALL HAVE TYPE G REFLECTIVE SHEETING FOR BACKGROUND AND TYPE H SHEETING FOR ALL REFLECTIVE LEGEND, SHIELD AND SYMBOLS.

**ITEM 631-REMOVAL OF SIGN WIRING AND DISPOSAL, AS PER PLAN
ITEM 631-REMOVAL OF SIGN SERVICE AND DISPOSAL, AS PER PLAN**

THE CONTRACTOR SHALL REMOVE ALL SIGN WIRING, AND ELECTRICAL EQUIPMENT, INCLUDING CONDUIT, JUNCTION BOX, DISCONNECT SWITCH, AND BRACKETS ETC. INSTALL PLUGS TO BLIND HALFCOUPLING THAT PROVIDED ELECTRICAL SERVICE. THE CONTRACT SHALL ALSO CUT OUT EXISTING SPLICE KITS, AND INSTALL NEW SPLICE KITS TO RECONNECT THE MAIN LIGHTING CIRCUIT. THE CONDUIT COMING OUT OF THE EXISTING PULL BOX SHALL BE CAPPED. PULL BOXES SHALL REMAIN. DISPOSAL OF ITEMS SHALL BE ACCORDING TO CMS 105.17.

MEASUREMENT FOR THIS ITEM SHALL BE ONE PER SIGN STRUCTURE ASSEMBLY (TRUSS OR CANTILEVER).

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID PER EACH OF:

- ITEM 631-REMOVAL OF SIGN WIRING AND DISPOSAL, AS PER PLAN.
- ITEM 631-REMOVAL OF SIGN SERVICE AND DISPOSAL, AS PER PLAN.

ITEM 630, REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30, AS PER PLAN

THIS WORK SHALL CONSIST OF REMOVING THE OVERHEAD SIGN SUPPORT AND FOUNDATION. THE REMOVAL OF THE FOUNDATION SHALL BE A COMPLETE FOUNDATION REMOVAL AND THE CONTRACTOR SHALL BACKFILL AND RESTORE SURFACES TO A CONDITION EQUAL TO THAT OF THE EXISTING BEFORE WORK STARTED.

ITEM 630, REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM: OVERHEAD SIGN SUPPORT FOUNDATION

THIS WORK SHALL CONSIST OF REMOVING OVERHEAD SIGN FOUNDATION ONLY. THE REMOVAL OF THE FOUNDATION SHALL BE A COMPLETE REMOVAL, AND THE CONTRACTOR SHALL BACKFILL AND RESTORE SURFACES TO A CONDITION EQUAL TO THAT OF THE EXISTING GROUND BEFORE WORK STARTED. THE FOUNDATION IN QUESTION IS TAGGED WITHIN THSES AS FR-1, STA. 107+45 SR-741 NB. ALL WORK, EQUIPMENT, MATERIAL, AND LOBOR NECESSARY TO COMPLETE THIS REMOVAL SHALL BE PAID FOR PER EACH ITEM 630, REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM: OVERHEAD SIGN SUPPORT FOUNDATION.

ITEM 631 - REMOVAL OF LUMINAIRE AND DISPOSAL, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS ITEM 631.10, THE REMOVAL SHALL ALSO INCLUDE GLARE SHIELDS.

MEASUREMENT FOR THIS ITEM SHALL BE ONE EACH PER FIXTURE SUPPORT ARM LUMINAIRE, AND SHALL INCLUDE THE SUPPORT ARM AND THE GLARE SHIELDS.

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID PER EACH OF ITEM 631 REMOVAL OF LUMINAIRE AND DISPOSAL, AS PER PLAN.

ITEM 606, ANCHOR ASSEMBLY, TYPE E-98

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING EITHER OF THE FOLLOWING GUARDRAIL END TERMINALS, OR AN APPROVED EQUAL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE AT WWW.DOT.STATE.OH.US/DRRC/ UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS:

- 1) THE ET-2000 (1997) MANUFACTURED BY TRINITY INDUSTRY, 1170 N. STATE STREET, GIRARD, OHIO 44420 (TELEPHONE: 330-545-4373).

THE LENGTH OF THE ET-2000 (1997) SYSTEM IS CONSIDERED TO BE 50'-0" INCLUSIVE OF TWO 25'-0" LONG RAIL ELEMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOP DRAWINGS:

DWG.#	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
SS265M	ET-2000 (1997) PLAN, ELEVATION & SECTIONS	6/20/97	3/6/98
SS142	ET2000 PLUS 50'-0" PLAN, ELEVATION & SECTION 25'-0" RAIL, SLEEVE W/PL POSTS 1-4	4/12/00	7/31/00
SS141	ET2000 PLUS PLAN, ELEVATION & SECTION 25'-0" RAIL, HBA POSTS 1-4	2/29/00	7/31/00
SS158	ET2000 PLUS 50'-0" WITH 12'-6" PANELS, & HBA POSTS 1-4 PLAN, ELEVATION & SECTION	5/22/00	7/31/00

- 2) THE SKT-350 MANUFACTURED BY ROAD SYSTEMS, INC., 2516 MALLORY LANE, STOW, OHIO, 44224, (TELEPHONE 330-346-0721

THE LENGTH OF THE SKT-350 SYSTEM IS CONSIDERED TO BE 50'-0", INCLUSIVE OF FOUR 12'-6" LONG RAIL ELEMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOW DRAWINGS:

DWG.#	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
SKT-4M	SEQUENTIAL KINKING TERMINAL (SKT-350) ASSEMBLY WITH 4 FOUNDATION TUBES	12/11/97	3/6/98

THE FACE OF THE TYPE E-98 IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS 730.19, APPROXIMATELY 18" x 18", OR 12" X 18" IF APPLIED TO A RECTANGULAR ET-2000 "PLUS" EXTRUDER HEAD.

REFER TO THE MANUFACTURER'S INSTRUCTION REGARDING THE INSTALLATION OF, AND THE GRADING AROUND, THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4-INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 27-3/4-INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OF TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4-INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, TYPE E-98, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARD, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

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GENERAL NOTES

MOT-GUIDE SIGN REPLACEMENT PHASE II

ITEM 614. MAINTAINING TRAFFIC

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

- CHRISTMAS FOURTH OF JULY
- NEW YEARS LABOR DAY
- MEMORIAL DAY THANKSGIVING
- (OTHER HOLIDAY OR EVENT)

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 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM 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 DISINCENTIVE IN ACCORDANCE WITH CMS 108.07

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE PROJECT ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

OVERHEAD SIGN AND GORE SIGN

MAINTAIN THE PRECONSTRUCTION NUMBER OF LANES OF TRAFFIC PER DIRECTION AT ALL TIMES, EXCEPT DURING THE PERMITTED LANE CLOSURE. WHEN PLACING SIGNS OVER MIDDLE LANE OF TRAFFIC THE CONTRACTOR WILL BE PERMITTED DOUBLE LANE CLOSURE OF TRAFFIC IN ACCORDANCE WITH DIAGRAM TA-37 OF THE OMUTCD.

GROUND MOUNTED SIGN

MAINTAIN THE PRECONSTRUCTION NUMBER OF LANES OF TRAFFIC PER DIRECTION AT ALL TIMES. SIGNS FOR WORK BEYOND THE SHOULDER SHALL BE AS PER OMUTCD FIGURE 6H-1.

ITEM 614. LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEO'S) BY CONTRACTORS OTHER THAN THE USE SPECIFIED IN THIS NOTE WILL NOT GENERALLY BE PERMITTED AT PROJECT COST UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER. LEO'S SHOULD NOT BE USED WHERE THE OHIO MANUAL OF UNIFORMED TRAFFIC CONTROL DEVICES (OMUTCD) INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS:

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS:

- * FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED. IN GENERAL, LEOs SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH INTERSECTIONS IN WORK ZONES.
- * DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
- * DURING A TRAFFIC SIGNAL INSTALLATION OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (e.g., DIRECTING MOTORIST THROUGH A RED LIGHT).
- * ROUTINE PATROLLING THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) AS SPECIFIED IN THE PLANS.

LEOs SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORIST FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOs WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOs AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOs. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOs DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A LIST OF THE APPROPRIATE LAW ENFORCEMENT AGENCY(S), INCLUDING ADDRESS AND TELEPHONE NUMBER.

THE LEO SHOULD REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT TO RECIEVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING THE SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF THE SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHOULD NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF THE SHIFT.

LAW ENFORCEMENT OFFICERS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614- LAW ENFORCEMENT OFFICER (WITH PATROL CAR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR 100 HOURS

THE HOURS PAID SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COST (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR.

PERMITTED LANE CLOSURES

LANE CLOSURES SHALL ONLY BE IMPLEMENTED AT THE TIMES LISTED ON THE OHIO DEPARTMENT OF TRANSPORTATION'S PERMITTED LANE CLOSURE WEBSITE, WHICH IS LOCATED AT:

<http://plcm.dot.state.oh.us>

THE PERMITTED LANE CLOSURE TIMES LISTED ON THE WEBSITE, 14 DAYS PRIOR TO THE BID LETTING DATE, SHALL BE IN EFFECT FOR THIS PROJECT.

NO WORK WITHIN ACTIVE TRAVEL LANES OR WHICH WILL SLOW TRAFFIC IS PERMITTED AT ANY OTHER TIMES.

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MAINTENANCE OF TRAFFIC GENERAL NOTES

MOT-GUIDE SIGN REPLACEMENT PHASE II

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SHEET NUMBER										PARTICIPATION		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
2	3	5	6	7	8												
										ROADWAY							
LUMP											201	11000	LUMP		CLEARING AND GRUBBING		
		300									606	13000	300	FT	GUARDRAIL, TYPE 5		
		2									606	22010	2	EACH	ANCHOR ASSEMBLY, TYPE E-98		
		2									606	26500	2	EACH	ANCHOR ASSEMBLY, TYPE T		
										EROSION CONTROL							
300											659	10000	300	SQ. YD.	SEEDING AND MULCHING		
1.6											659	35000	1.6	M. GAL	WATER		
										TRAFFIC CONTROL							
		2	1								625	32000	3	EACH	GROUND ROD		
		67.2									630	06400	67.2	FT	GROUND MOUNTED SUPPORT, S4x7.7 BEAM		
		37.2	107.9								630	06500	145.1	FT	GROUND MOUNTED SUPPORT, W6x9 BEAM		
			45.8								630	07000	45.8	FT	GROUND MOUNTED SUPPORT, W8x18 BEAM		
		38.3									630	07500	38.3	FT	GROUND MOUNTED SUPPORT, W10x12 BEAM		
		8	8								630	09000	16	EACH	BREAKAWAY BEAM CONNECTION		
			1								630	20600	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6		
		1	1								630	20700	2	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 7		
		1									630	20800	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 8		
		33	45								630	75000	78	EACH	SIGN, ATTACHMENT ASSEMBLY		
		238	250								630	80200	488	SQ. FT.	SIGN, GROUND MOUNTED EXTRUSHEET		
		1887	1805								630	80225	3692	SQ. FT.	SIGN, OVERHEAD EXTRUSHEET, AS PER PLAN	2	
		8	8								630	84500	16	EACH	GROUND MOUNTED BEAM SUPPORT FOUNDATION		
		2	1								630	84510	3	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION		
				5	4						630	84900	9	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		
				1	4						630	85400	5	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL		
					4						630	86002	4	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL		
				8	6						630	86103	14	EACH	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, AS PER PLAN	2	
					1						630	86310	1	EACH	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL		
				24	30						630	87400	54	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL		
					1						630	89706	1	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30		
				3	2						630	89707	5	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30, AS PER PLAN	2	
					1						630	89902	1	EACH	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM:OVERHEAD SIGN SUPPORT FOUNDATION	2	
				13	30						631	94201	43	EACH	REMOVAL OF LUMINAIRE AND DISPOSAL, AS PER PLAN	2	
				5	15						631	94304	20	EACH	REMOVAL OF DISCONNECT SWITCH AND DISPOSAL		
				6	20						631	94409	26	EACH	REMOVAL OF SIGN WIRING AND DISPOSAL, AS PER PLAN	2	
				5	15						631	94413	20	EACH	REMOVAL OF SIGN SERVICE AND DISPOSAL, AS PER PLAN	2	
										MAINTENANCE OF TRAFFIC							
	100										614	11100	100	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR		
											614	11000	LUMP		MAINTAINING TRAFFIC		
											619	16000	3	MONTH	FIELD OFFICE, TYPE A		
											623	10000	LUMP		CONSTRUCTION LAYOUT STAKES		
											624	10000	LUMP		MOBILIZATION		

GENERAL SUMMARY

MOT-GUIDE SIGN REPLACEMENT PHASE II

SHEET NO. REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	606	606	606		630	630		630		630		630		630	630		630	630		625		
						GUARDRAIL, TYPE 5 FOOT	ANCHOR ASSEMBLY, TYPE E-98 EACH	ANCHOR ASSEMBLY, TYPE T EACH		SIGN, GROUND MOUNTED EXTRUSHEET SF	SIGN, OVERHEAD EXTRUSHEET, AS PER PLAN SF		SIGN ATTACHMENT ASSEMBLY EA		GROUND MOUNTED SUPPORT, S4 x 7.7 BEAM FOOT	GROUND MOUNTED SUPPORT, W6 x 9 BEAM FOOT		GROUND MOUNTED SUPPORT, W10 x 12 BEAM FOOT		BREAKAWAY BEAM CONNECTION EA			OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 7 EA	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 8 EA		GROUND MOUNTED BEAM SUPPORT FOUNDATION EA	RIGID OVERHEAD SIGN SUPPORT FOUNDATION EA
PS-1	(NOT USED)																										
9	PS-2	I.R.-75 NORTHBOUND	292+10.00	RT	E1-H1-180 E1-H5-84	180 x 120 84 x 24							3														
9,23	PS-3	I.R.-75 NORTHBOUND	318+20.00	RT	E1-H1-180 E1-H5-84	180 x 120 84 x 24	150	1	1											1				1	1		
9	PS-5	I.R.-75 NORTHBOUND	344+00.00	RT	E1-H3-216 E1-H5-84	216 x 96 84 x 24							3														
9	PS-6	I.R.-75 NORTHBOUND	346+43.00	RT	E1-H1a-72	72 x 60					30			17/17.3									2		2		
10	PS-7	I.R.-75 NORTHBOUND	426+90.00	RT	E1-H1-168 E1-H5-96	168 x 96 96 x 24							3														
10	PS-8	I.R.-75 NORTHBOUND	454+43.00	RT	E1-H1-168 E1-H5-96	168 x 96 96 x 24							3														
11	PS-9	I.R.-75 NORTHBOUND	482+50.00	RT	E1-H1-288 E1-H5-84 E1-H3-204 E1-H5-96	288 x 96 84 x 24 204 x 72 96 x 24							4														
11	PS-10	I.R.-75 NORTHBOUND	484+00.00	RT	E5-H1a-72	72 x 60					30			17.7/19.5									2		2		
11	PS-11	I.R.-75 NORTHBOUND	512+00.00	RT	E12-H17b-108	108 x 48					36																
11	PS-12	I.R.-75 NORTHBOUND	538+00.00	RT	E1-H1-288 E1-H5-84 E1-H1-108 E1-H5-96	288 x 96 84 x 24 108 x 132 96 x 24							4														
	PS-13	NOT USED																									
STATION EQUATION: STA. 549+71.15 BACK = STA. 200+11.72 AHEAD																											
11	PS-14	I.R.-75 NORTHBOUND	200+98.00	RT	E8-H2-72	72 x 36					18																
9	PS-15	I.R.-75 SOUTHBOUND	355+75.00	LT	E5-H1a-72	72 x 60					30			16.4/16.5										2	2		
9	PS-16	I.R.-75 SOUTHBOUND	360+00.00	LT	E3-H1-276 E1-H5-84	276 x 72 84 x 24							4														
10,23	PS-17	I.R.-75 SOUTHBOUND	381+50.00	LT	E1-H1-240 E1-H5-84	240 x 96 84 x 24	150	1	1															1	1		
10	PS-18	I.R.-75 SOUTHBOUND	395+15.00	LT	E3-H2-192 E1-H5-84	192 x 60 84 x 24					80				19.3/19									2	2		
10	PS-19	I.R.-75 SOUTHBOUND	410+30.00	LT	E1-H1-240 E1-H5-84	240 x 96 84 x 24							3														
TOTALS CARRIED TO GENERAL SUMMARY						300	2	2		238	1887		33		67.2	37.2		38.3		8			1	1	8	2	2

SIGNING SUBSUMMARY

MOT-GUIDE SIGN REPLACEMENT PHASE II

CALCULATED
REB
CHECKED

I:\PROJECTS\MOT\175\0520\83716\Roadway\Sheets\83716TS001.dgn 16-MAR-2009 9:58AM rburns2

SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	606	606	606	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	625
							GUARDRAIL, TYPE 5	ANCHOR ASSEMBLY, TYPE E-98	ANCHOR ASSEMBLY, TYPE T		SIGN, GROUND MOUNTED EXTRUSHEET	SIGN, OVERHEAD EXTRUSHEET, AS PER PLAN		SIGN ATTACHMENT ASSEMBLY		GROUND MOUNTED SUPPORT, S4 x 7.7 BEAM	GROUND MOUNTED SUPPORT, W6 x 9 BEAM	GROUND MOUNTED SUPPORT, W8 x 18 BEAM	GROUND MOUNTED SUPPORT, W10 x 12 BEAM		BREAKAWAY BEAM CONNECTION		OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 7	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 8		GROUND MOUNTED BEAM SUPPORT FOUNDATION	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
* BRIDGE MOUNT							FOOT	EACH	EACH	SF	SF	EA	FOOT	FOOT	FOOT	FOOT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
11	PS-21	I.R.-75 SOUTHBOUND	489+60.00	LT	E5-H1a-96	96 x 60				40				17.5/17.4				2											
11	PS-22	I.R.-75 SOUTHBOUND	491+40.00	LT	E1-H3-204 E1-H5-96	204 x 72 96 x 24							102 16	3															
11	PS-24	I.R.-75 SOUTHBOUND	518+80.00	LT	E1-H1-168 E1-H5-96	168 x 96 96 x 24							112 16	3															
11	PS-25	I.R.-75 SOUTHBOUND	529+75.00	LT	E5-H1a-96	96 x 60				40				18/18				2									2		
11	PS-26	I.R.-75 SOUTHBOUND	532+00.00	LT	E1-H1-168 E1-H5-96 E1-H1-192 E1-H5-96	168 x 96 96 x 24 192 x 120 96 x 24							112 16 160 16	3 3															
11	PS-27	I.R.-75 SOUTHBOUND	547+00.00	LT	E1-H1-156 E1-H5-96	156 x 144 96 x 24							156 16	3															
11	PS-28	I.R.-75 SOUTHBOUND	549+70.00	LT	E8-H2-72	72 x 36				18																			
11	PS-28a	I.R.-75 SOUTHBOUND	218+50.00	LT	E1-H1-144 E1-H5-96	144 x 132 96 x 24							132 16						1									1	1
12	PS-29	* NB. DIXIE HWY.	33+01.00		M2-H6-96	96 x 72							48	2															
12	PS-30	NB. DIXIE HWY.	47+00.00	L&R	M2-H6-120 M2-H6-96	120 x 84 96 x 84							70 56	2 2															
12	PS-31	SB. DIXIE HWY.	53+00.00	L&R	M2-H6-108 M2-H6-156	108 x 84 156 x 84							63 91	2 3															
12	PS-32	SB. DIXIE HWY.	61+00.00	LT	M2-H6-108	108 x 72				54																			
12	PS-33	SB. DIXIE HWY.	61+00.00	RT	M2-H6-156	156 x 72				78				21.1/24.7				2									2		
12	PS-34	SB. DIXIE HWY/RAMP D	8+00.00	RT	M2-H6-180	180 x 72							90	3															
12	PS-35	WB, DRYDEN RD.	15+75.00	RT	M2-H6-132 M2-H6-96	132 x 60 96 x 84							55 56	2 2															
12	PS-36	WB, DRYDEN RD.	19+00.00	LT	M2-H6-132	132 x 60							55	2															
12	PS-37	EB, DRYDEN RD.	21+30.00	LT	M2-H6-132	120 x 60							55	2															
12	PS-38	EB, DRYDEN RD.	24+00.00	RT	M2-H6-108 M2-H6-108	108 x 84 108 x 84							63 63	2 2															
12	PS-39	NB. SR-741	103+00.00	RT	M2-H6-96	96 x 96							64								1								
12	PS-39a	NB. SR-741	107+50.00	RT	M2-H3-48	48 x 60				20				18.3/19.2				2									2		
12	PS-40	NB. SR-741	110+70.00	RT	M2-H6-96	96 x 84							56	2															
12	PS-41	SB. SR-741	113+75.00	RT	M2-H6-120	120 x 60							50	2															
TOTALS CARRIED TO GENERAL SUMMARY										250	1805	45		107.9	45.8			8		1	1					8	1	1	

SIGNING SUBSUMMARY

MOT-GUIDE SIGN REPLACEMENT PHASE II

CALCULATED
REB
CHECKED

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SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630	630	630	630	630	630	630	630	630	630	630	631	631	631	631	
							REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (MAJOR)	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, AS PER PLAN (*WOOD)	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30, AS PER PLAN	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM: OVERHEAD SIGN FOUNDATION (FULL DEPTH)	REMOVAL OF LUMINAIRE AND DISPOSAL, AS PER PLAN	REMOVAL OF DISCONNECT SWITCH AND DISPOSAL	REMOVAL OF SIGN WIRING AND DISPOSAL, AS PER PLAN	REMOVAL OF SIGN SERVICE AND DISPOSAL, AS PER PLAN			
							EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
9	RS-1	I.R.-75 (NB)	280+50	RT	GA-132	132 x 54		1	2													
9	RS-2	I.R.-75 (NB)	292+10	RT	GB-154 GEP-84	154 x 100 84 x 24						1										
9	RS-3	I.R.-75 (NB)	305+00	RT	GC-154 GEP-84	154 x 60 84 x 24						1	1									
10	RS-4	I.R.-75 (NB)	332+66	RT	GB-156 GEP-84	156 x 102 84 x 24						1	1									
10	RS-5	I.R.-75 (NB)	344+00	RT	GB-192 GEP-84	192 x 72 84 x 24						1										
10	RS-6	I.R.-75 (NB)	346+00	RT	GF-72	72 x 60	1		2													
10	RS-7	I.R.-75 (NB)	426+90	RT	GB-154 GEP-96	154 x 60 96 x 24						1										
11	RS-8	I.R.-75 (NB)	454+43	RT	GB-154 GEP-96	154 x 60 96 x 24						1						1				1
11	RS-9	I.R.-75 (NB)	482+50	RT	GB-228 GEP-84 GB-252 GEP-96	228 x 96 84 x 24 252 x 72 96 x 24						1						2	1	1	1	1
11	RS-10	I.R.-75 (NB)	484+00	RT	GF-72	72 x 60	1		2													
11	RS-11	I.R.-75 (NB)	512+00	RT	GN-108	108 x 48	1															
11	RS-12	I.R.-75 (NB)	538+00	RT	GB-156 GEP-84 GB-216 GEP-84	156 x 114 84 x 24 216 x 102 84 x 24						1						2	1	1	1	1
	RS-13	NOT USED																				
STATION EQUATION: STA. 549+71.15 (BK) = STA. 200+11.72 (AH)																						
11	RS-14	I.R.-75 (NB)	200+98	RT	GN-118	118 x 42	1															
10	RS-15	I.R.-75 (SB)	355+75	RT	GF-72	72 x 60	1		2													
10	RS-16	I.R.-75 (SB)	360+00	RT	GB-154 GEP-84	154 x 100 84 x 24						1						2	1	1	1	1
10	RS-17	I.R.-75 (SB)	367+20	RT	GB-154 GEP-84	154 x 100 84 x 24						1	1					2	1	1	1	1
TOTALS CARRIED TO GENERAL SUMMARY							5	1	8			24	3					13	5	6	5	

SIGN REMOVAL SUBSUMMARY

MOT - GUIDE SIGN REPLACEMENT PHASE II




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SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630	630	630	630	630	630	630	630	630	630	631	631	631	631
							REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (MAJOR)	REMOVAL OF GROUND MOUNTED BEAM SUPPORT AND DISPOSAL, AS PER PLAN (*WOOD)	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL, AS PER PLAN	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30, AS PER PLAN	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL TEMP OVERHEAD SIGN FOUNDATION(FULL DEPTH)	REMOVAL OF LUMINAIRE AND DISPOSAL, AS PER PLAN	REMOVAL OF DISCONNECT SWITCH AND DISPOSAL	REMOVAL OF SIGN WIRING AND DISPOSAL, AS PER PLAN	REMOVAL OF SIGN SERVICE AND DISPOSAL, AS PER PLAN	
							EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
10	RS-18	I.R.-75 (SB)	380+00	RT	GCR-118 GEP-84	118 x 60 84 x 24	1	1	2*											
10	RS-19	I.R.-75 (SB)	410+30	RT	GB-154 GEP-84	154 x 100 84 x 24						1	1							
10	RS-20	I.R.-75 (SB)	440+00	RT	GN-192	192 x 84		1	2											
11	RS-21	I.R.-75 (SB)	489+60	RT	GF-72	72 x 60	1		2											
11	RS-22	I.R.-75 (SB)	491+40	RT	GB-252 GEP-96	252 x 72 96 x 24						1	1				3	1	1	1
11	RS-23	I.R.-75 (SB)	497+25	RT	GB-154 GEP-96	154 x 100 96 x 24						1	1				2	1	1	1
11	RS-24	I.R.-75 (SB)	518+80	RT	GB-154 GEP-96	154 x 100 96 x 24						1	1				2	1	1	1
11	RS-25	I.R.-75 (SB)	529+75	RT	GF-72	72 x 60	1		2											
11	RS-26	I.R.-75 (SB)	532+00	RT	GB-168 GEP-96 GB-264 GEP-96	168 x 72 96 x 24 264 x 84 96 x 24						1	1					1	1	1
11	RS-27	I.R.-75 (SB)	547+00	RT	GB-228 GEP-96	228 x 114 96 x 24						1	1				2	1	1	1
11	RS-28	I.R.-75 (SB)	549+70	RT	GN-118	118 x 42	1		2											
11	RS-28a	I.R.-75 (SB)	218+50	RT	GB-154 GEP-84	154 x 100 84 x 24						1	1				2	1	1	1
10	RS-29	DIXIE HWY. (NB)	33+01	LT	GH-118	118 x 54						1					1	1	1	1
10	RS-30	DIXIE HWY. (NB)	47+00	RT	GH-118 GH-118	118 x 54 118 x 54						1	1				2	1	1	1
10	RS-31	DIXIE HWY. (SB)	53+00	L&R	GB-154 GB-154	154 x 100 154 x 100						1	1				2	1	1	1
10	RS-32	DIXIE HWY. (SB)	61+00	LT	GH-118	118 x 54														
10	RS-33	DIXIE HWY. (SB)	61+00	RT	GH-118	118 x 54														
10	RS-34	RAMP "D" DIXIE HWY. (SB)	8+00	RT	D4E-160	160 x 54														
11	RS-35	DRYDEN RD.	15+75	RT	GB-154	154 x 100											3	1	2	1
11	RS-36	DRYDEN RD.	19+00	€	GB-154	154 x 100											1	1	1	1
11	RS-37	DRYDEN RD.	21+30	€	GB-154	154 x 100											1	1	1	1
11	RS-38	DRYDEN RD.	24+00	LT	GB-154 GB-154	154 x 100 154 x 100						1	1				1	1	1	1
11	RS-39	S.R.741 (NB)	103+00	RT	GB-154	154 x 100														
11	RS-40	S.R.741 (NB)	110+70	RT	GB-154	154 x 100											1	1	1	1
12	FR-1	S.R.741 (NB)	107+45	RT																
11	RS-41	S.R.741 (SB)	113+75	RT	GB-154	154 x 100											1	1	1	1
TOTALS CARRIED TO GENERAL SUMMARY							4	4	6	4	1	30	2	1	1		30	15	20	15

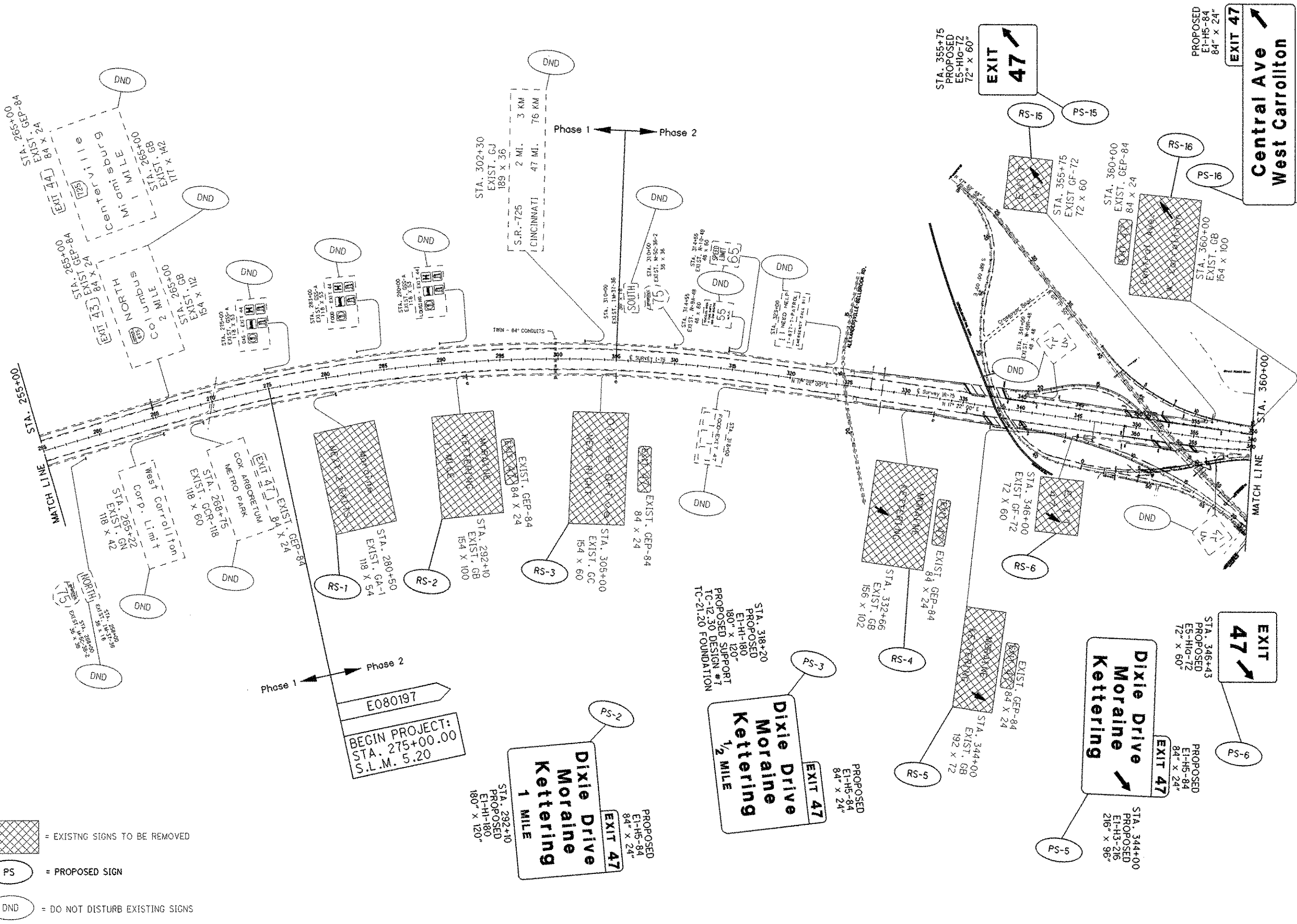
SIGN REMOVAL SUBSUMMARY


MOT - GUIDE SIGN REPLACEMENT PHASE II

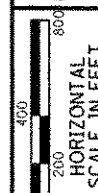
CALCULATED
REB
CHECKED

-  = EXISTING SIGNS TO BE REMOVED
-  = PROPOSED SIGN
-  = DO NOT DISTURB EXISTING SIGNS

FOR BALLOON QUANTITIES SEE SHEETS 5 - 8.



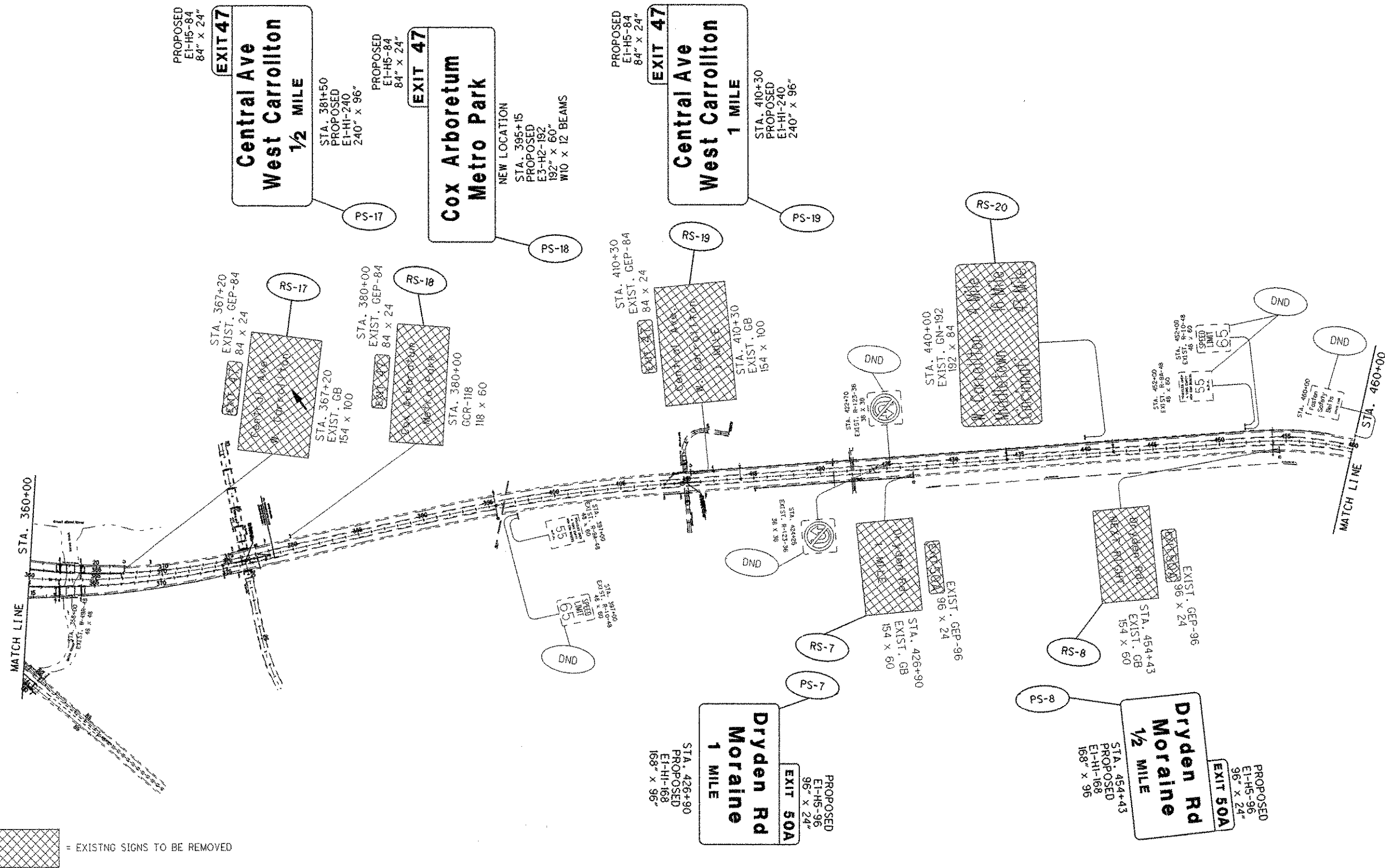







 HORIZONTAL SCALE IN FEET

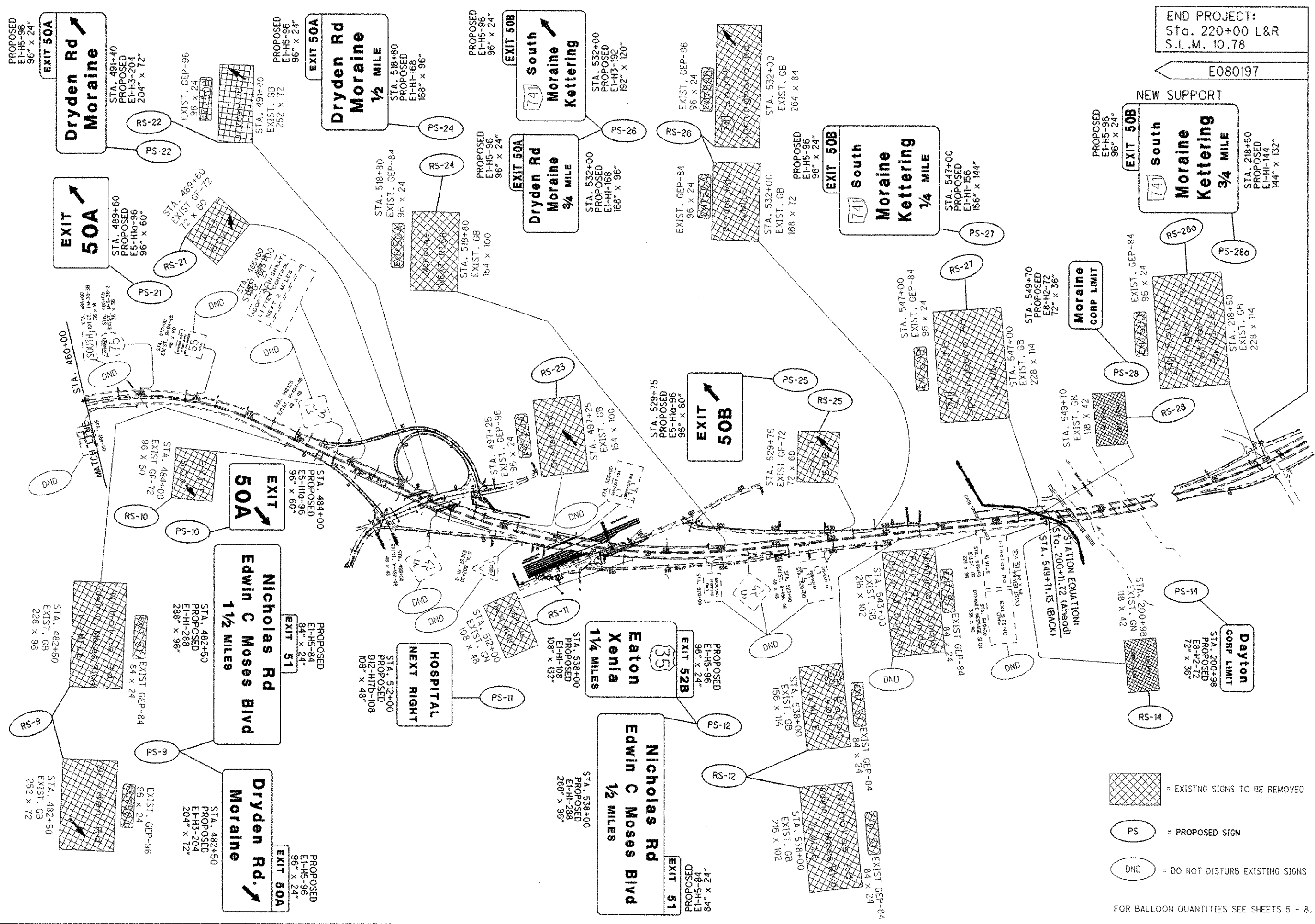
PLAN SHEET
STA. 255+00 TO STA. 360+00

MOT - GUIDE SIGN
REPLACEMENT
PHASE II



-  = EXISTING SIGNS TO BE REMOVED
-  = PROPOSED SIGN
-  = DO NOT DISTURB EXISTING SIGNS

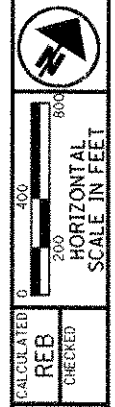
FOR BALLOON QUANTITIES SEE SHEETS 5 - 8.



END PROJECT:
Sta. 220+00 L&R
S.L.M. 10.78




E080197

NEW SUPPORT



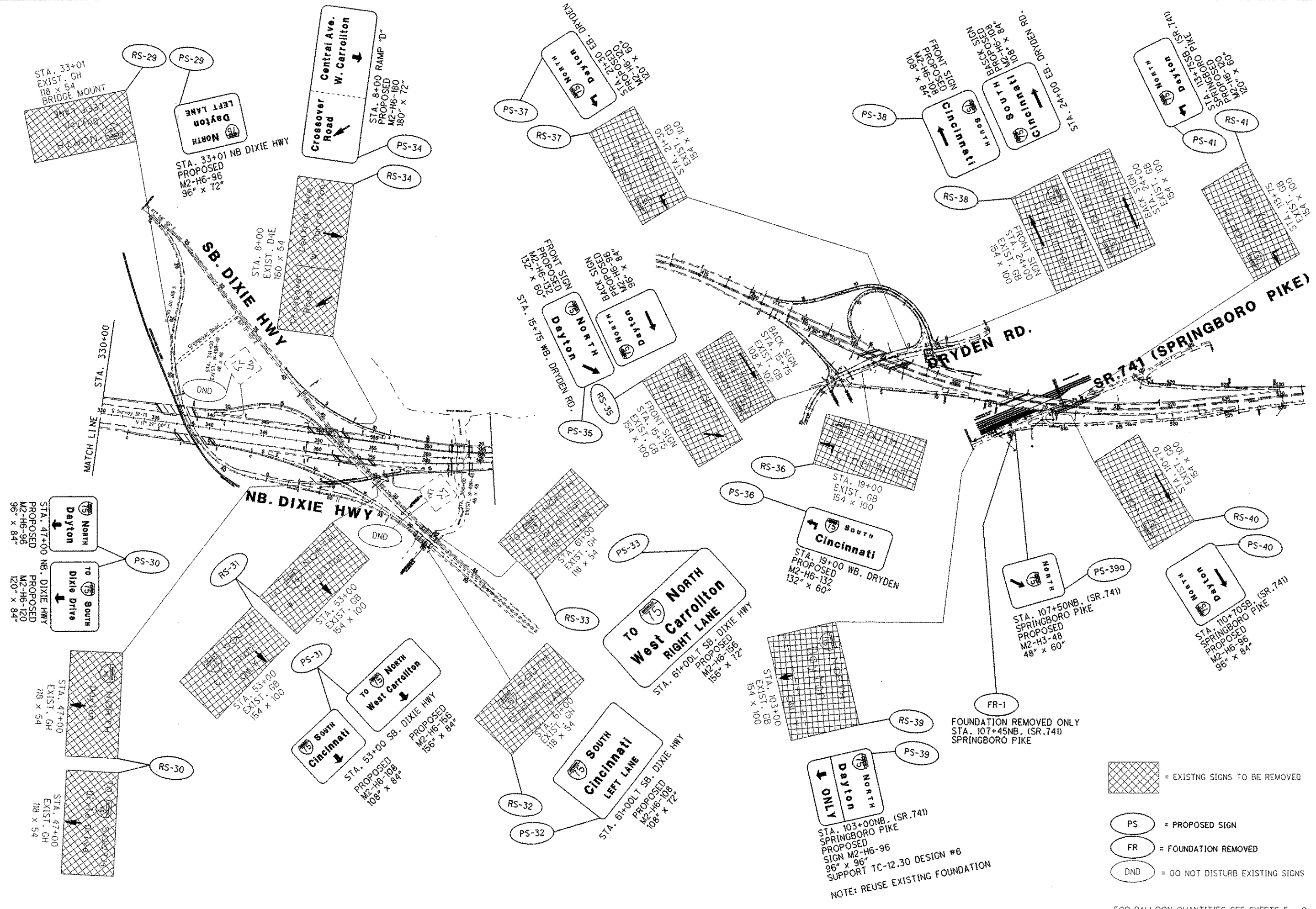
PLAN SHEET
STA. 460+00 TO STA. 220+00





MOT-GUIDE SIGN
REPLACEMENT
PHASE II

-  = EXISTING SIGNS TO BE REMOVED
-  = PROPOSED SIGN
-  = DO NOT DISTURB EXISTING SIGNS

FOR BALLOON QUANTITIES SEE SHEETS 5 - 8.

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-  = EXISTING SIGNS TO BE REMOVED
-  = PROPOSED SIGN
-  = FOUNDATION REMOVED
-  = DO NOT DISTURB EXISTING SIGNS

NOTE: REUSE EXISTING FOUNDATION

FOR BALLOON QUANTITIES SEE SHEETS 5 - 8.

CALCULATED 0
 REB
 CHECKED

0 200 400
 HORIZONTAL
 SCALE IN FEET

PLAN SHEET
DIXIE / DRYDEN / SPRINGBORO INTERCHANGES

MOT-GUIDE SIGN
REPLACEMENT
PHASE II

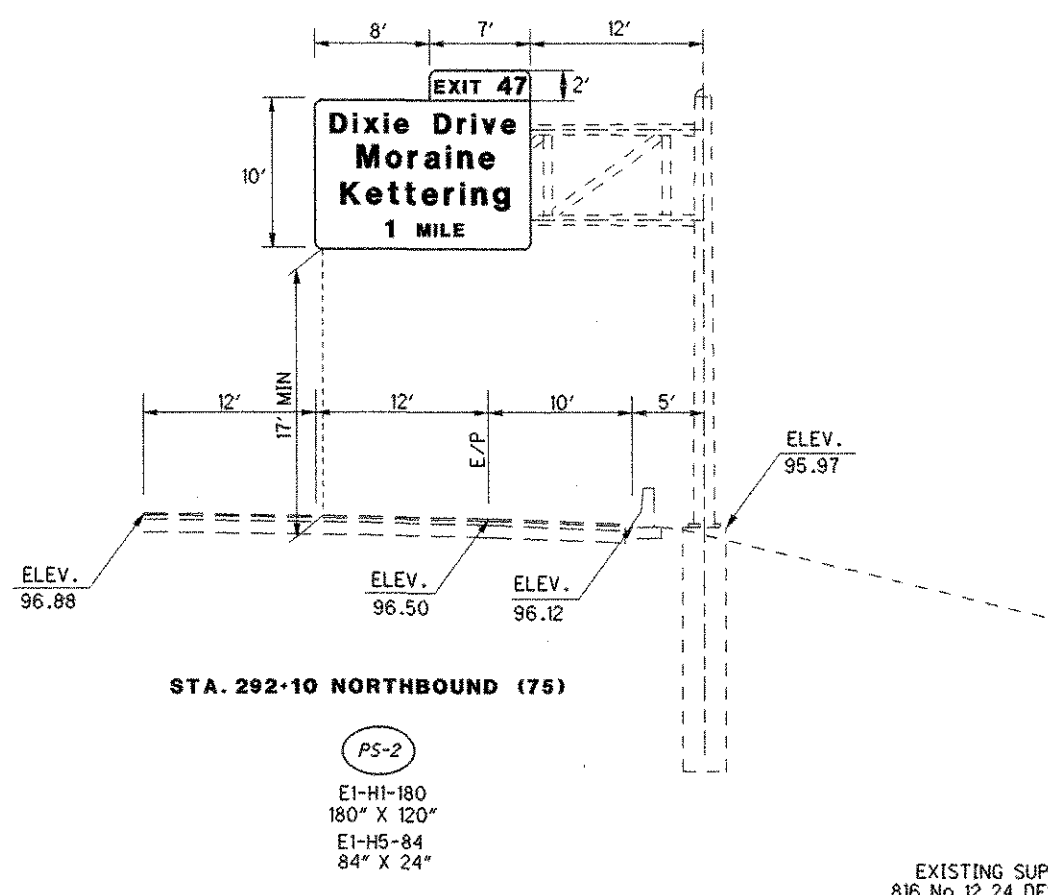
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CALCULATED
REB
CHECKED

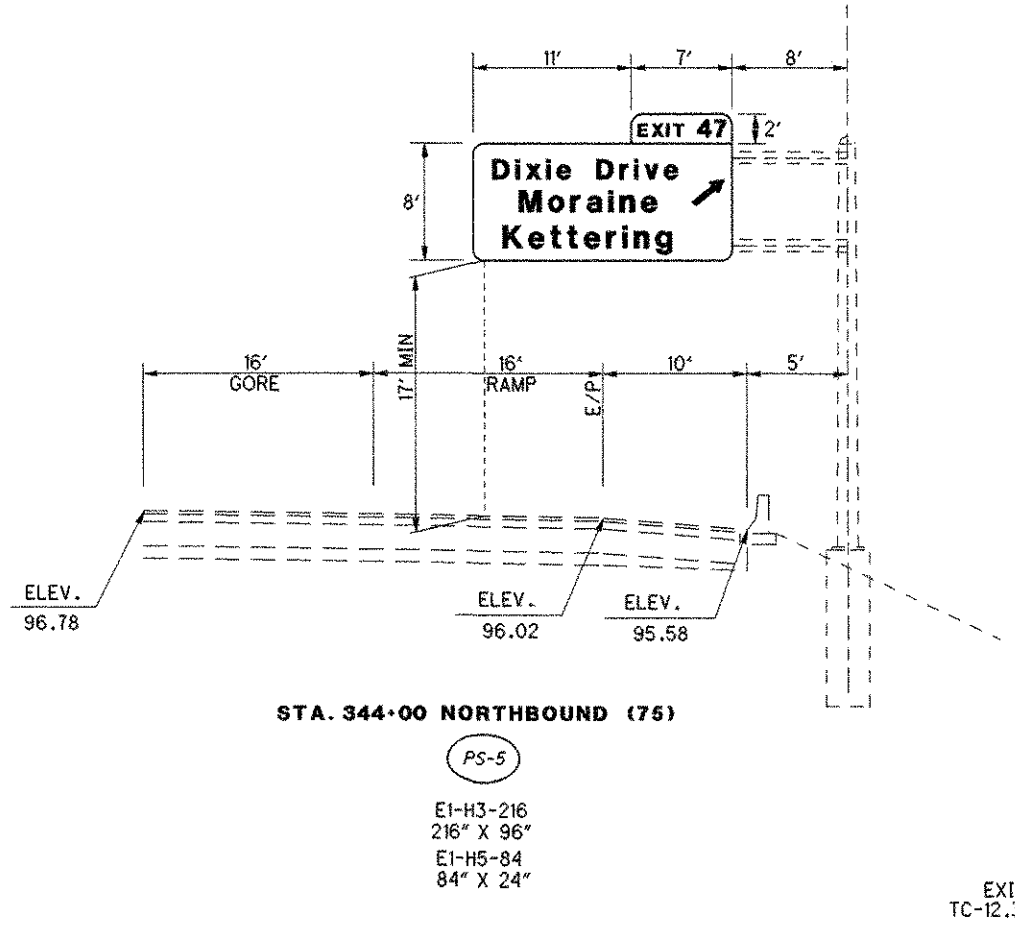
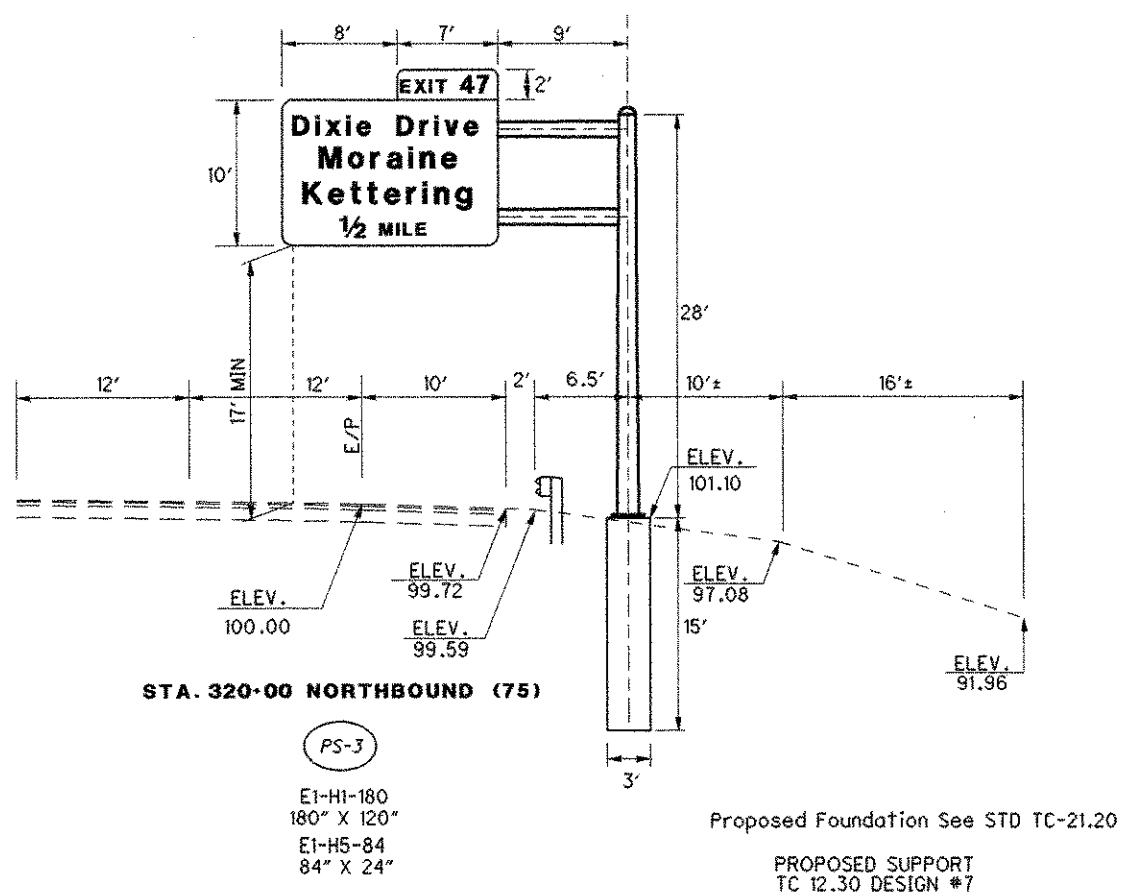
GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT- GUIDE SIGN
REPLACEMENT
PHASE II

13
23



THIS SIGN MOVED FROM STA. 305+00 NORTHBOUND (75)

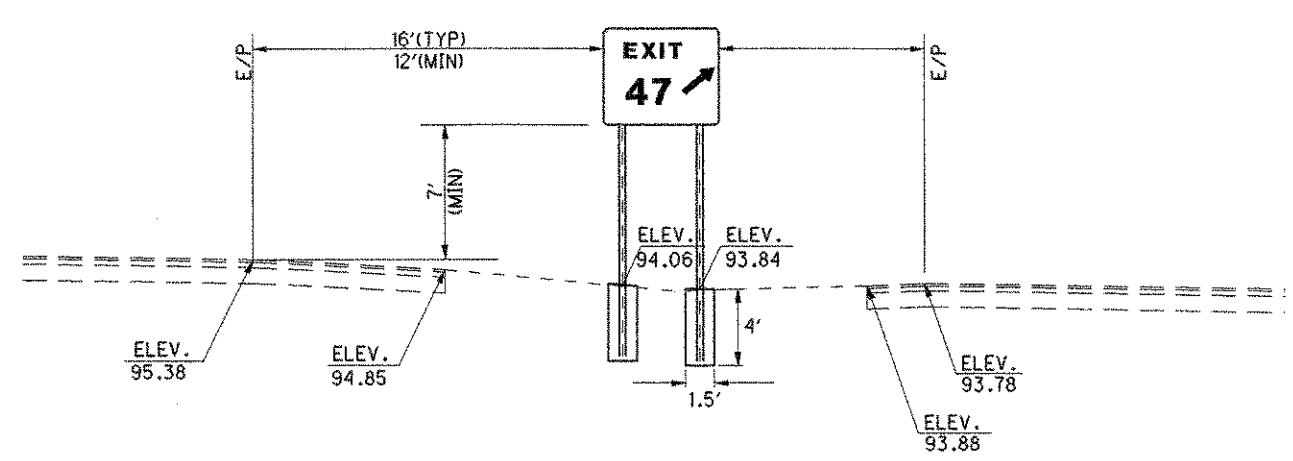


CALCULATED
REB
CHECKED

GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN
REPLACEMENT
PHASE II

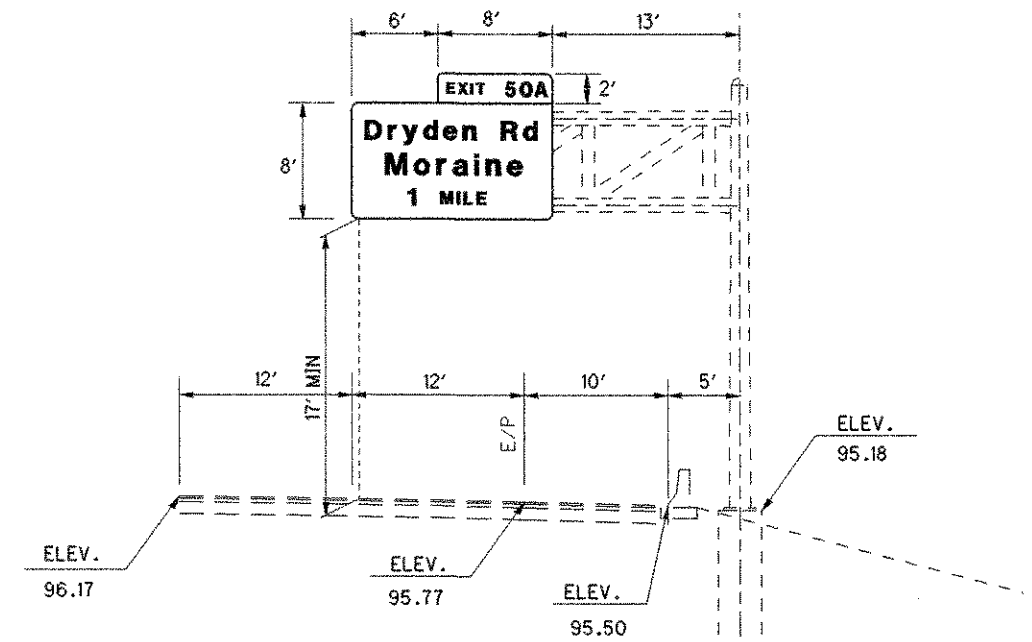
14
23



STA. 346+43 NORTHBOUND-75

RAMP "A" DIXIE HWY.

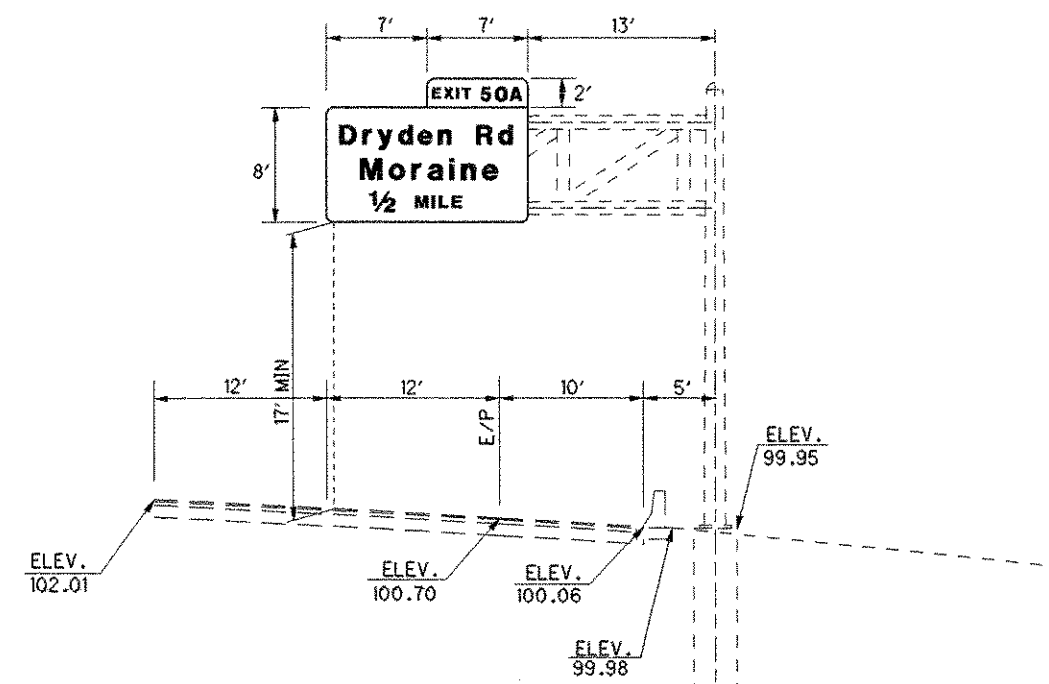
PS-6
E5-H10-72
72" X 60"
(2) S4 x 7.7 Beams



STA. 426+90 NORTHBOUND (75)

PS-7
E1-H1-168
168" X 96"
E1-H5-96
96" X 24"

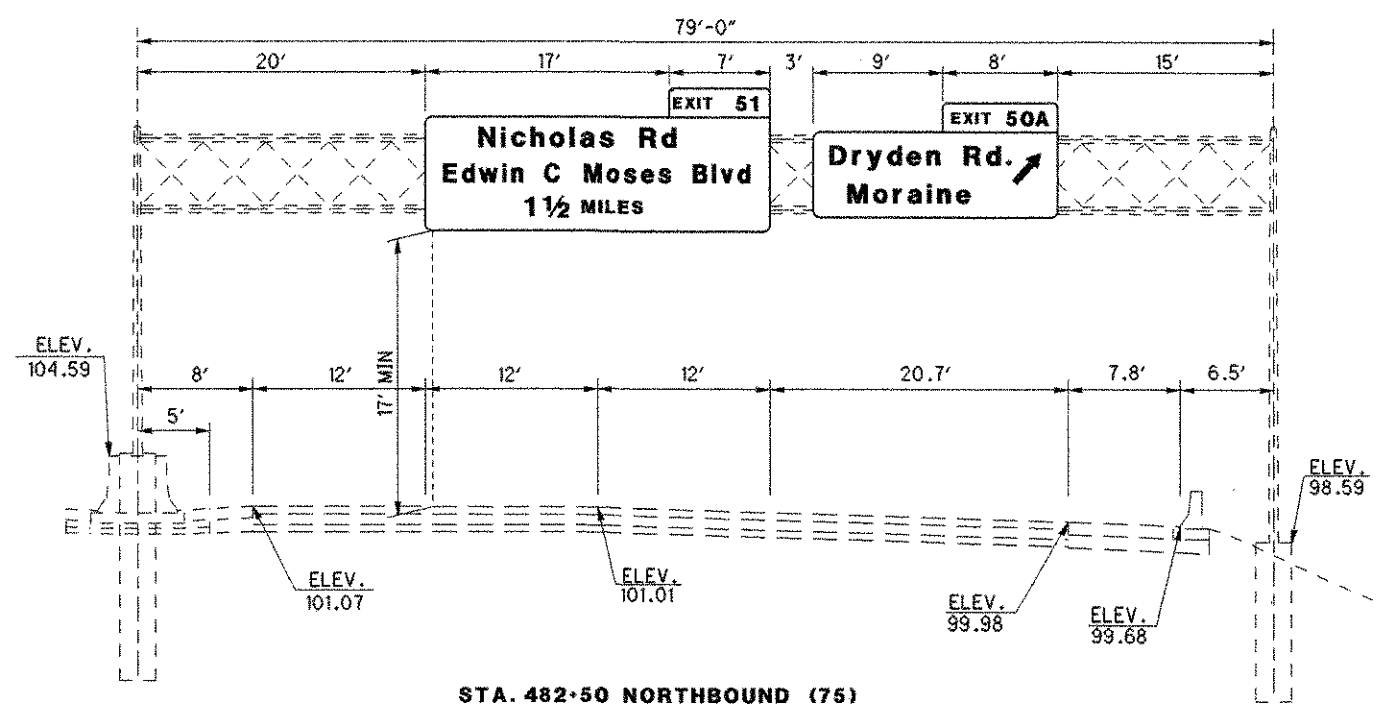
EXISTING SUPPORT
816 No. 12.24 DESIGN #6



STA. 454+53 NORTHBOUND (75)

PS-8
E1-H1-168
168" X 96"
E1-H5-96
96" X 24"

EXISTING SUPPORT
816 No. 12.24 DESIGN #6

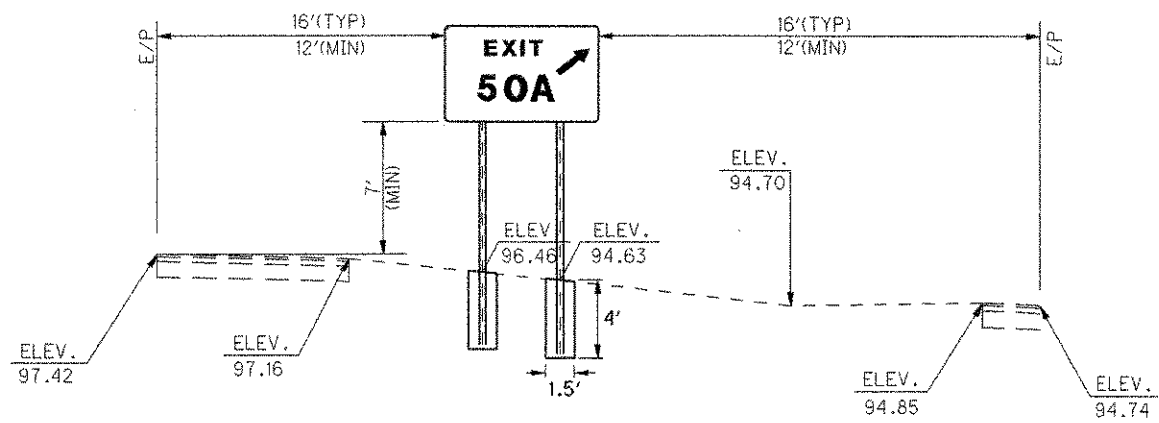


STA. 482+50 NORTHBOUND (75)

PS-9
E1-H1-288
288" X 96"
E1-H5-84
84" X 24"
E1-H3-204
204" X 72"
E1-H5-96
96" X 24"

EXISTING SUPPORT
TC-7.65 DESIGN #8

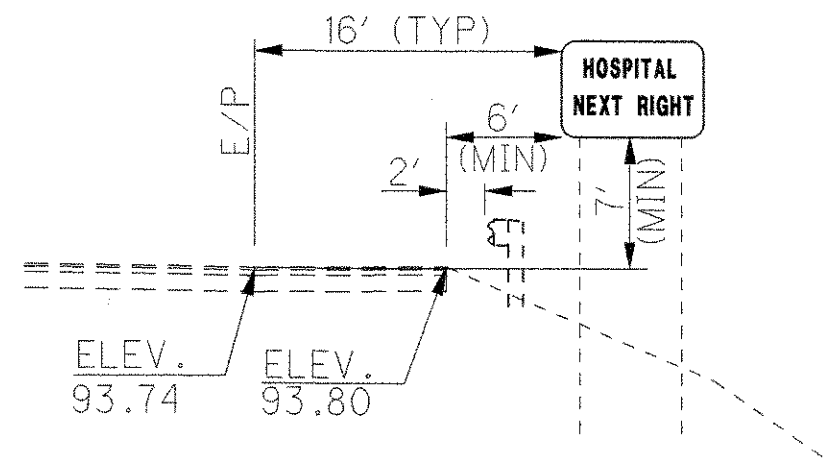
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STA. 484+00 NORTHBOUND-75

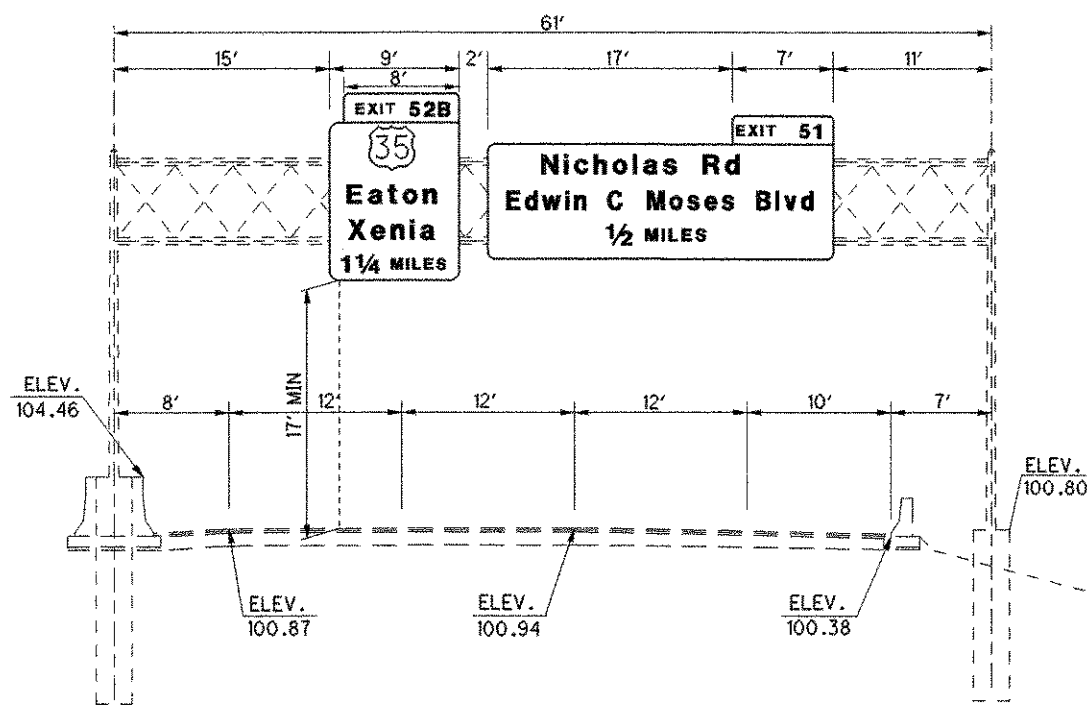
RAMP "G" DRYDEN RD.

PS-10
 E5-H1a-96
 96" X 60"
 (2) W6 x 9 Beams



STA. 512+00 NORTHBOUND-75

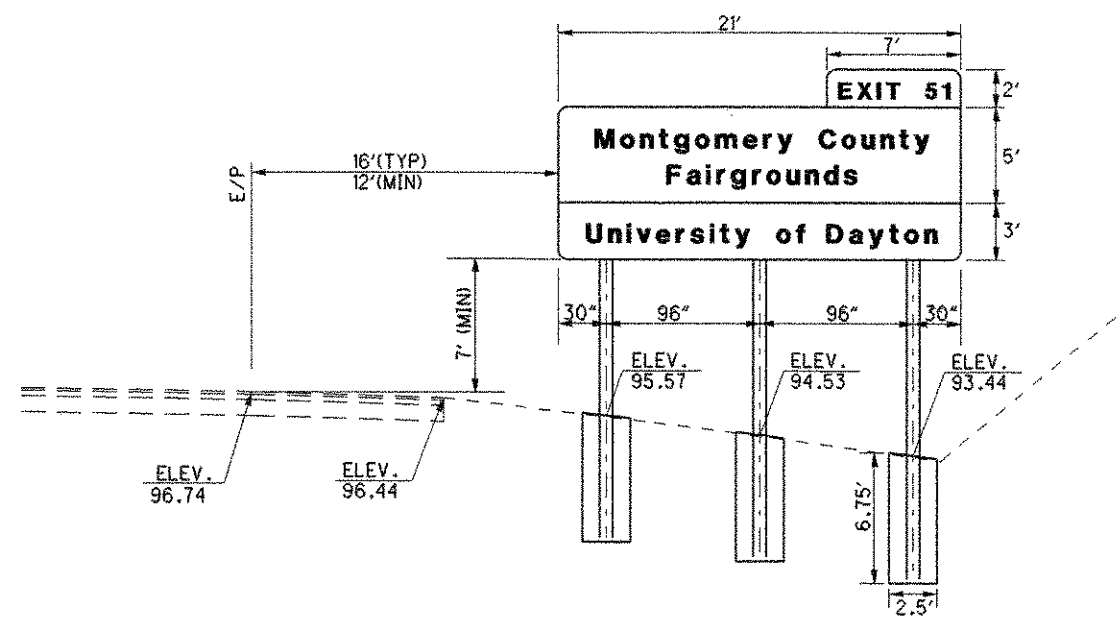
PS-11
 D12-H17b-108
 108" X 48"



STA. 538+00 NORTHBOUND (75)

PS-12
 E1-H1-108 108" X 132"
 E1-H5-96 96" X 24"
 E1-H1-288 288" X 96"
 E1-H5-84 84" X 24"

EXISTING SUPPORT
 TC-7.65 DESIGN #8



STA. 543+00 NORTHBOUND-75

PS-13
 E3-H1-252 252" X 96"
 E1-H5-84 84" X 24"
 (3) W10 X 22 BEAMS

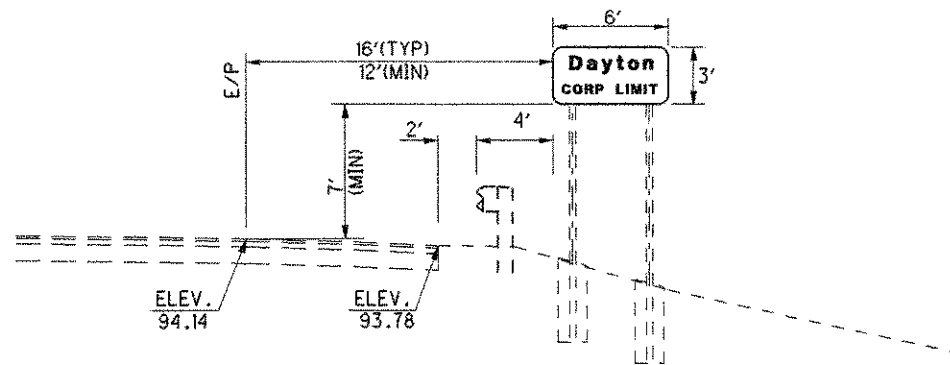
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CALCULATED
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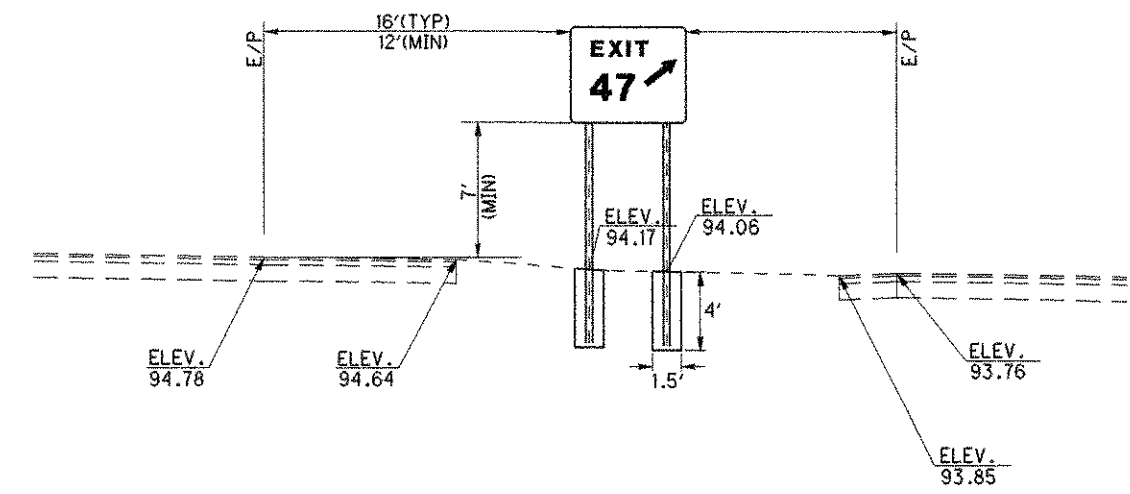
GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN REPLACEMENT PHASE II

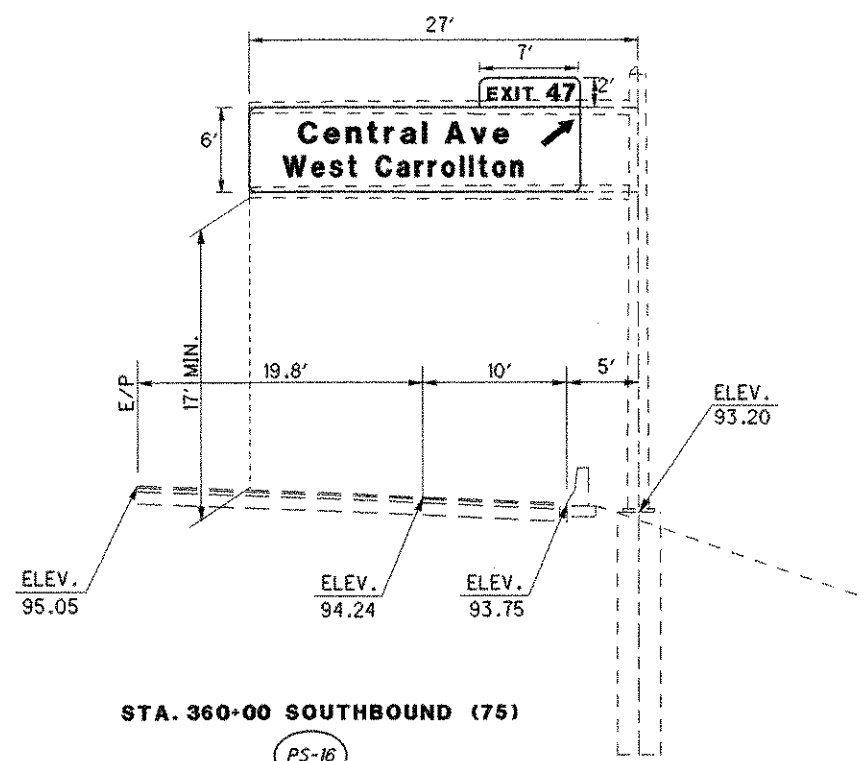
15
 23



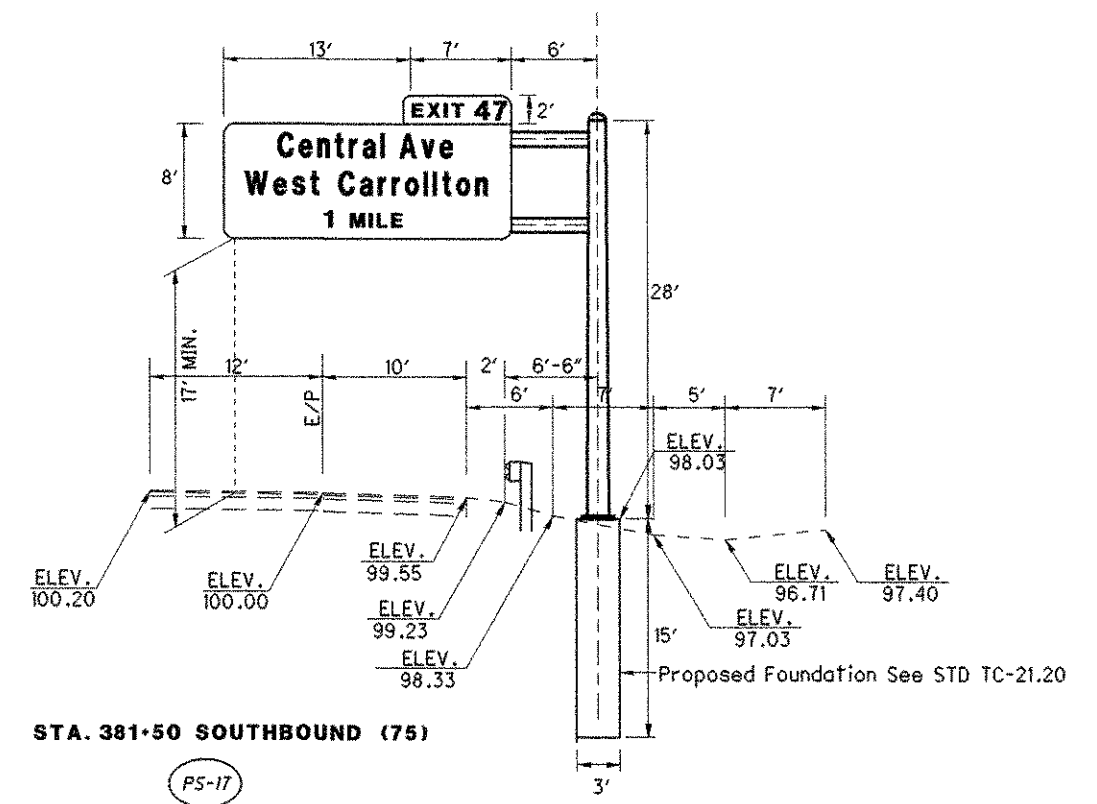
STA. 200+98 NORTHBOUND-75
 STATION EQUATION: STA. 549+71.15 (BK) = STA. 200+11.72 (AH)
 PS-14
 E8-H2-72
 72" X 36"



STA. 355+75 SOUTHBOUND-75
 PS-15
 E5-H1a-72
 72" X 60"
 (2) S4 x 7.7 Beams
RAMP "D" DIXIE HWY.



STA. 360+00 SOUTHBOUND (75)
 PS-16
 E1-H3-276
 276" X 72"
 E1-H5-84
 84" X 24"
 EXISTING SUPPORT
 TC-12.30 DESIGN #10 Mod



STA. 381+50 SOUTHBOUND (75)
 PS-17
 E1-H1-240
 240" X 96"
 E1-H5-84
 84" X 24"
 PROPOSED SUPPORT
 TC 12.30 DESIGN #8

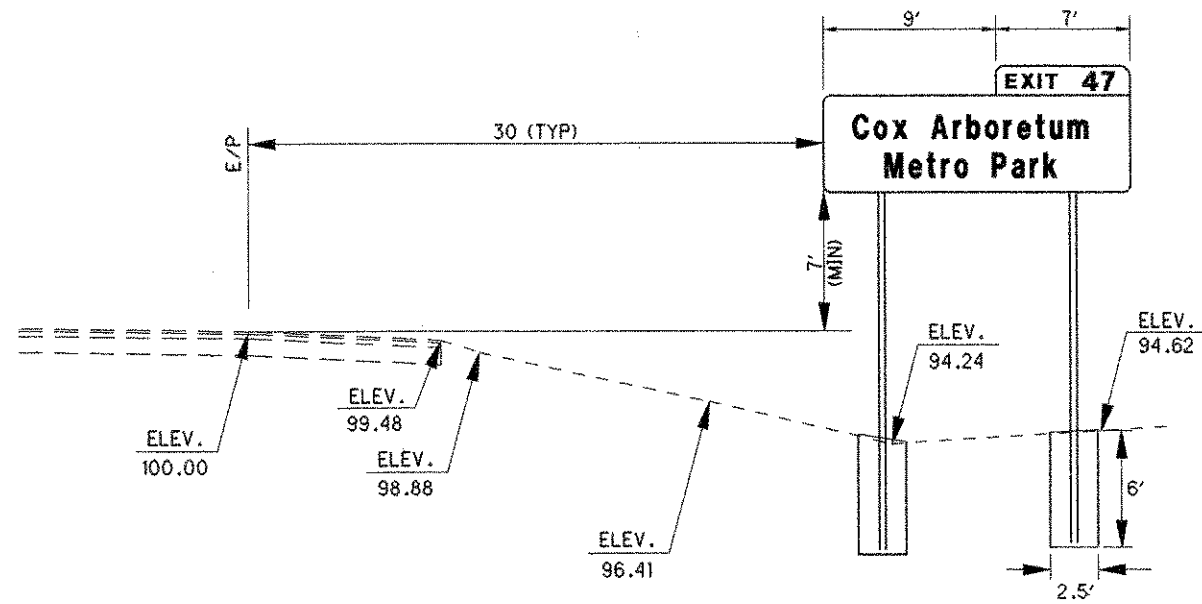
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CALCULATED
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GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

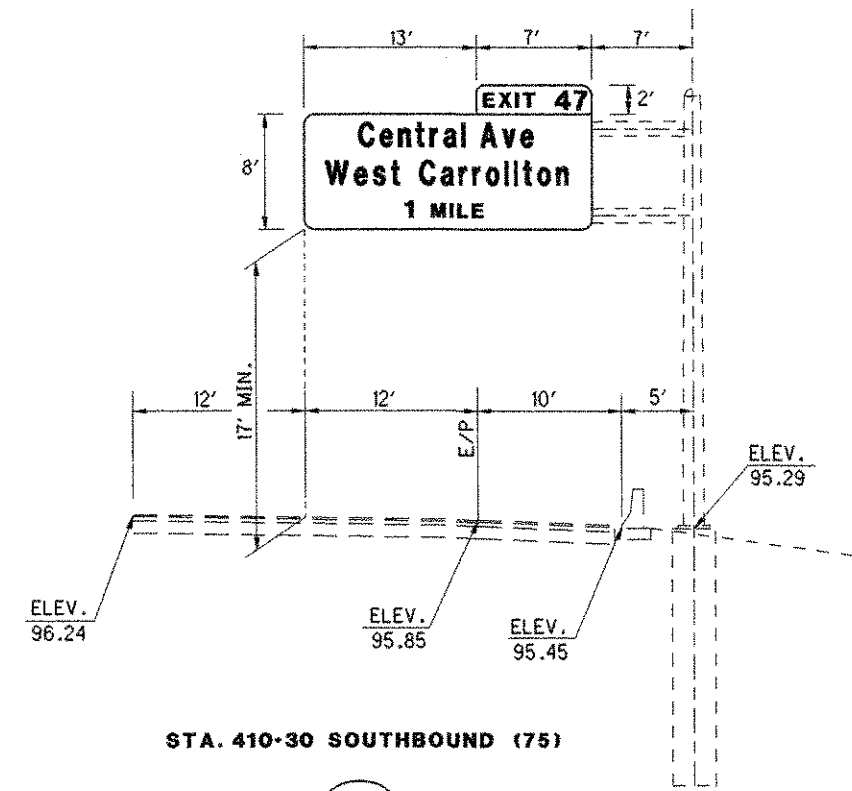
MOT - GUIDE SIGN REPLACEMENT PHASE II

THIS SIGN REMOVED FROM EX. STA. 380+00 SOUTHBOUND-75



STA. 395+15 SOUTHBOUND-75

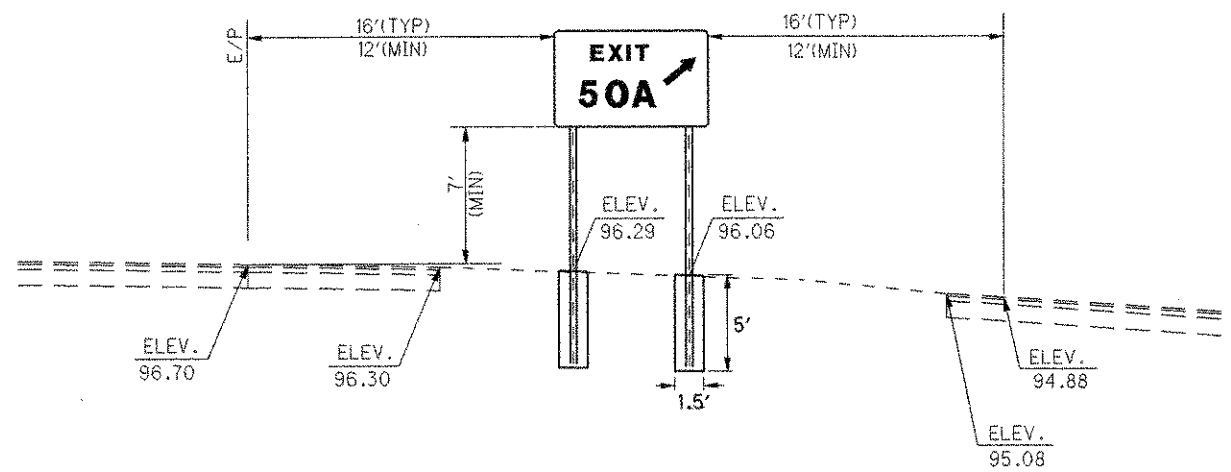
PS-18
E3-H2-192
192" X 60"
(2) W10 X 12 Beams



STA. 410+30 SOUTHBOUND (75)

PS-19
E1-H1-240
240" X 96"
E1-H5-84
84" X 24"

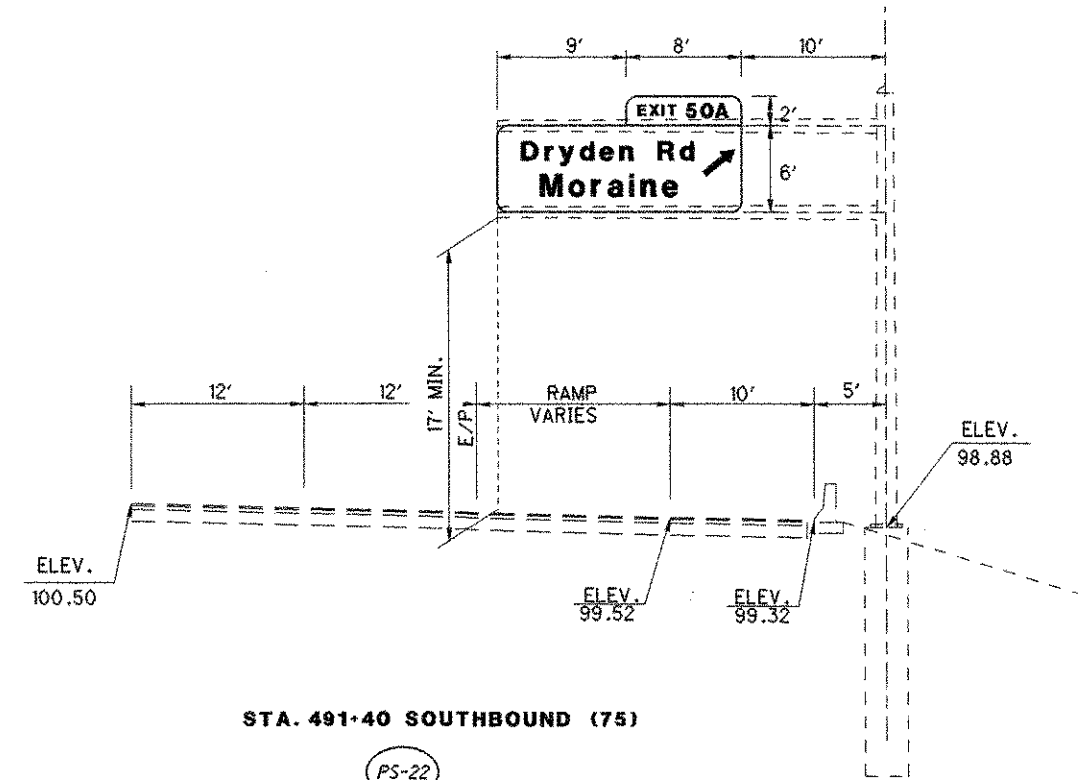
EXISTING SUPPORT
816 No. 12.24 DESIGN #6



STA. 489+60 SOUTHBOUND-75

PS-21
E5-H1a-96
96" X 60"
(2) W6 X 9 Beams

RAMP "F" DRYDEN RD.



STA. 491+40 SOUTHBOUND (75)

PS-22
E1-H3-204
204" X 72"
E1-H5-96
96" X 24"

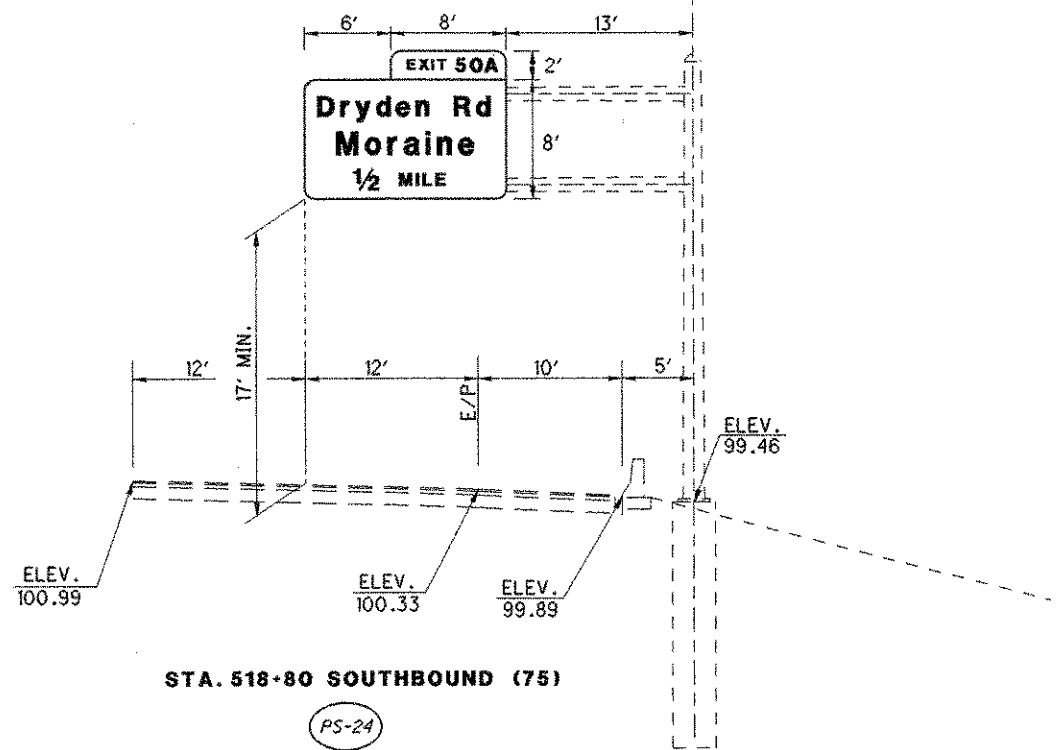
EXISTING SUPPORT
816 No. 12.24 DESIGN #7

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GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN
REPLACEMENT
PHASE II

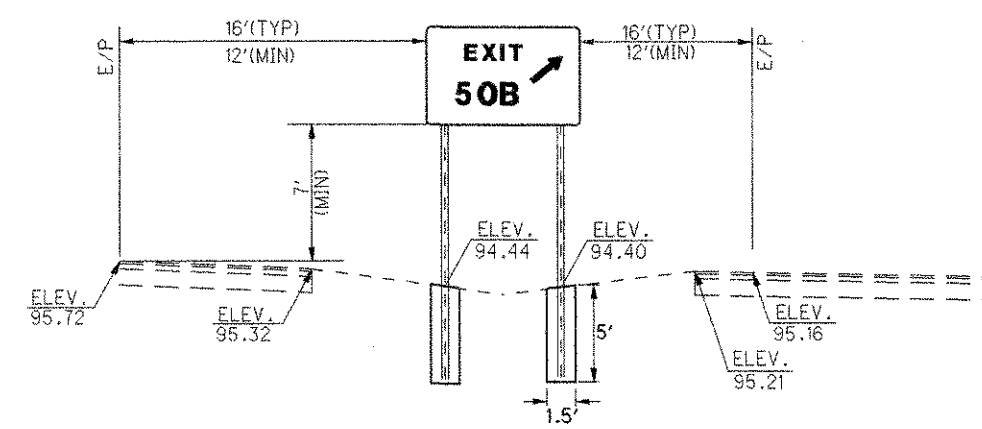


STA. 518+80 SOUTHBOUND (75)

PS-24

- E1-H1-168
168" X 96"
- E1-H5-96
96" X 24"

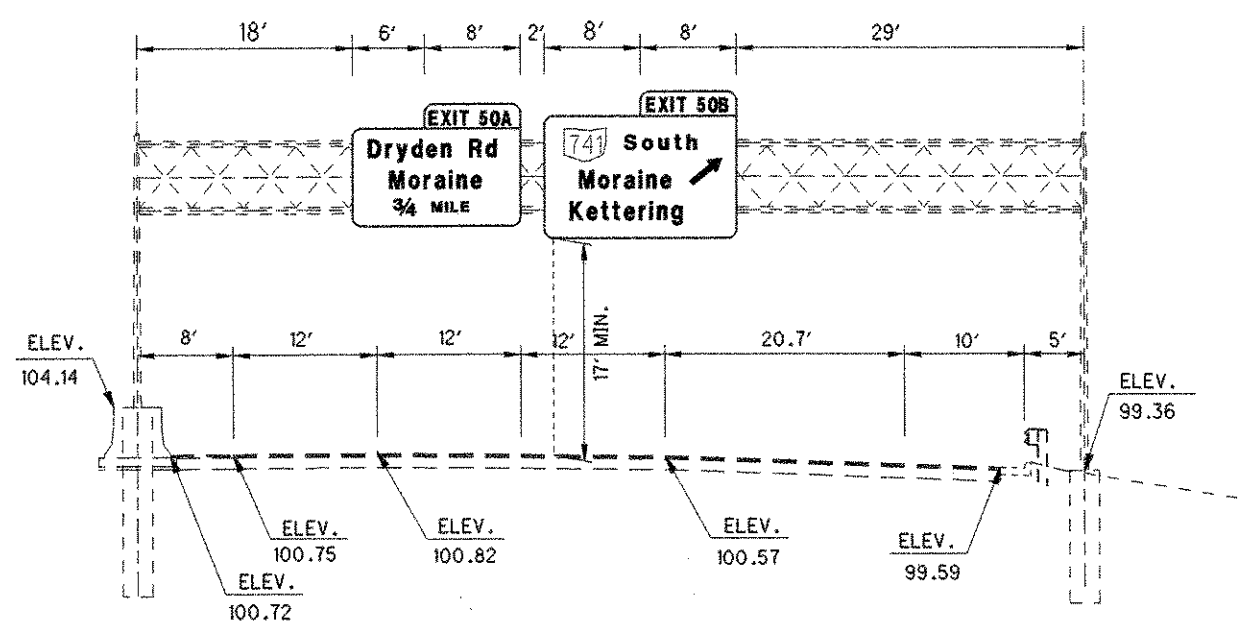
EXISTING SUPPORT
816 No. 12.24 DESIGN #4



STA. 529+75 SOUTHBOUND-75 RAMP "J" SR 741-SPRINGBORO PIKE

PS-25

- E5-H1a-96
96" X 60"
- (2) W6 x 9 Beams

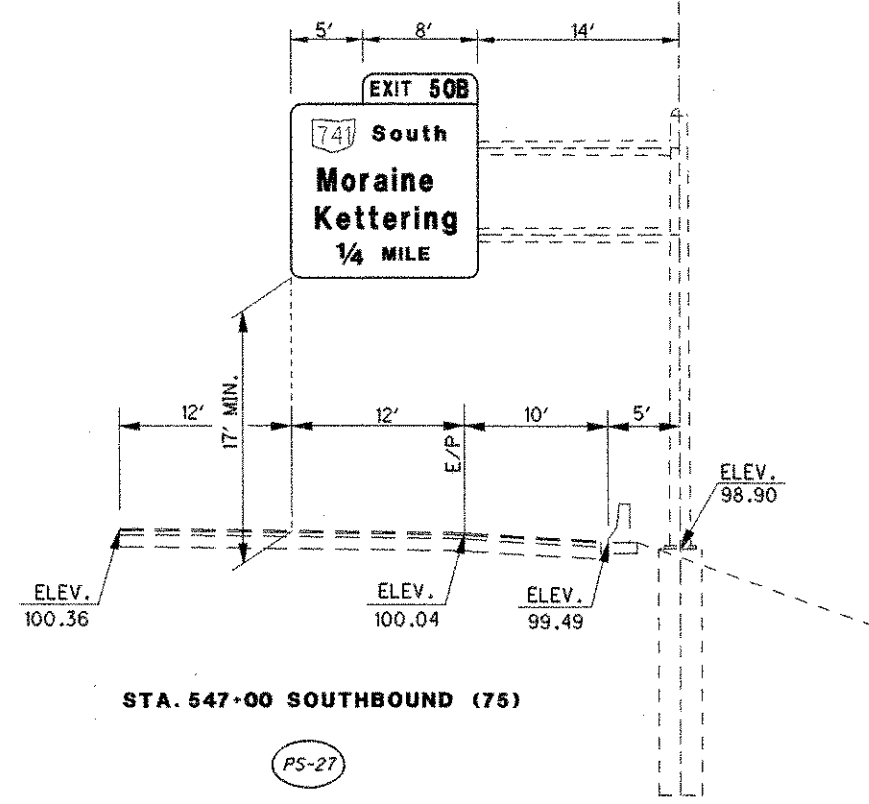


STA. 532+00 SOUTHBOUND (75)

PS-26

- E1-H1-168
168" X 96"
- E1-H5-96
96" X 24"
- E1-H3-192
192" X 120"
- E1-H5-96
96" X 24"

EXISTING SUPPORT
TYPE 7.65 DESIGN #8

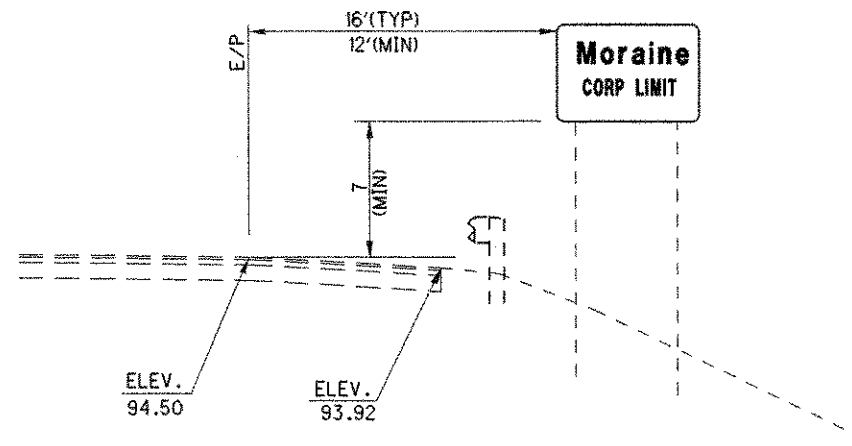


STA. 547+00 SOUTHBOUND (75)

PS-27

- E1-H1-156
156" X 144"
- E1-H5-96
96" X 24"

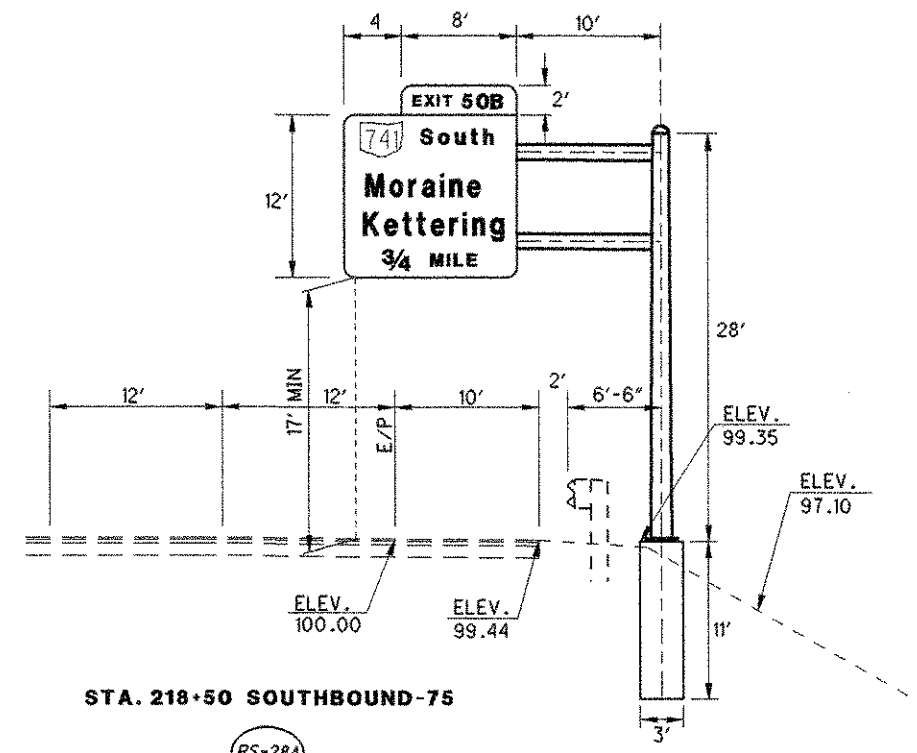
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STA. 549+70 SOUTHBOUND-75

PS-28

E8-H2-72
72 x 36



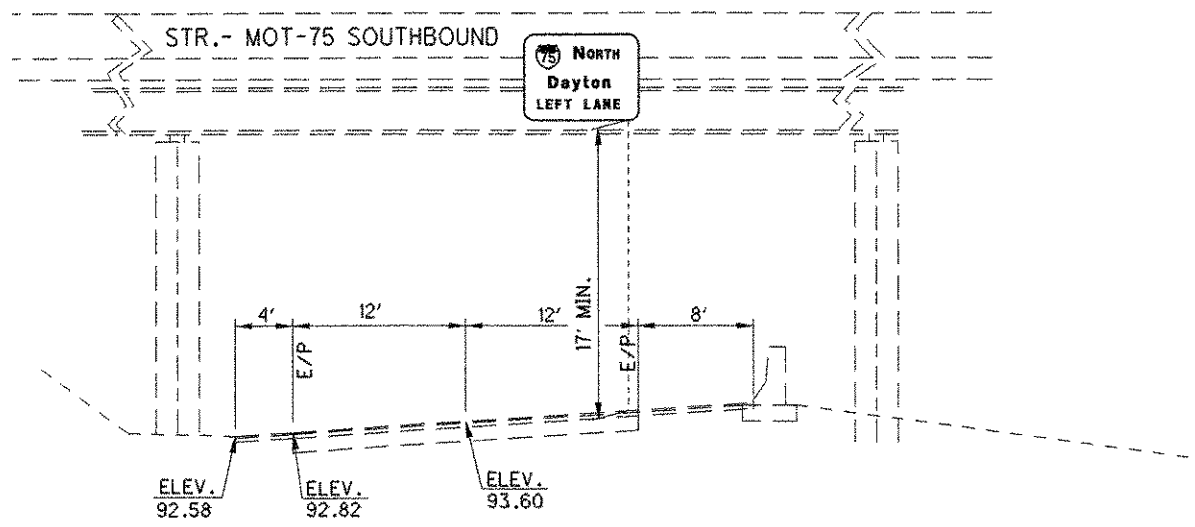
STA. 218+50 SOUTHBOUND-75

PS-28A

E1-H1-144
144 x 132
E1-H5-96
96 x 24

Proposed Foundation STD TC-21.20

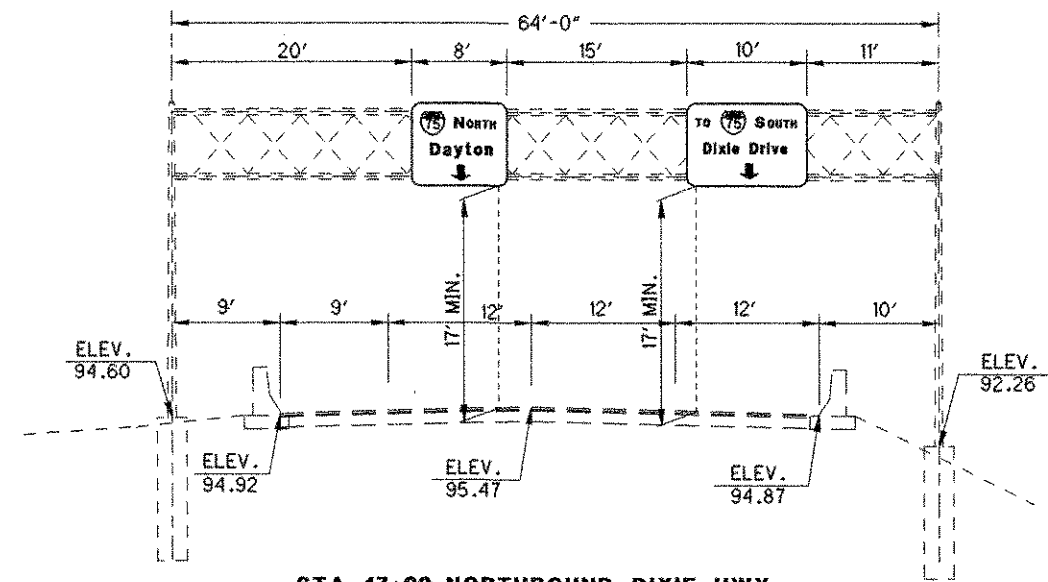
PROPOSED SUPPORT
TC 12.30 DESIGN #7



STA. 33+01 NORTHBOUND DIXIE HWY.
(BRIDGE MOUNT)

PS-29

M2-H6-96
96" x 72"



STA. 47+00 NORTHBOUND DIXIE HWY.

PS-30

M2-H6-96
96" x 84" M2-H6-120
120" x 84"

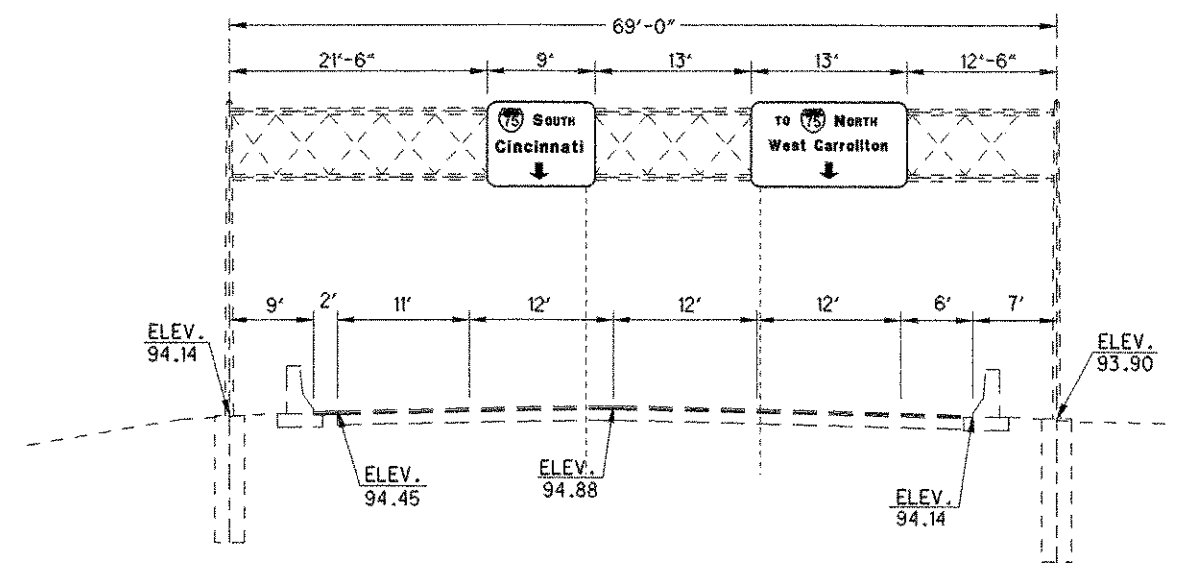
Existing Support
816 No 7.2 Design #1

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GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN
REPLACEMENT
PHASE II

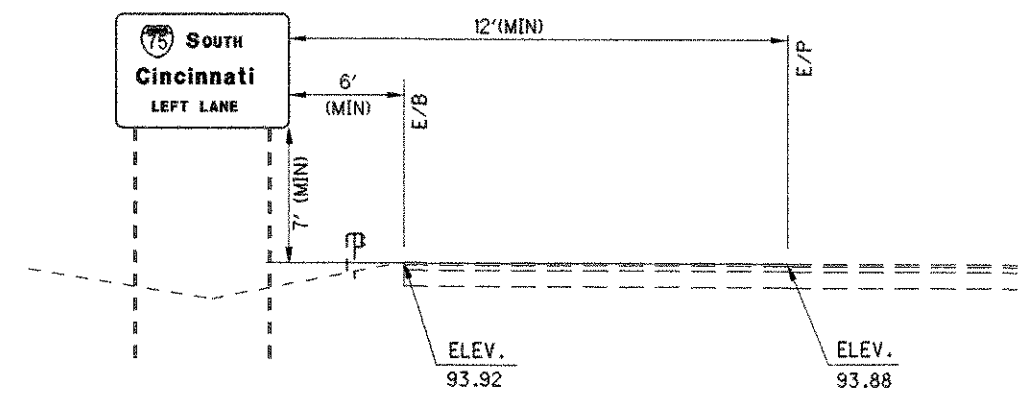


STA. 53+00 SOUTHBOUND DIXIE HWY.

PS-31

M2-H6-108
108" X 84" M2-H6-156
156" X 84"

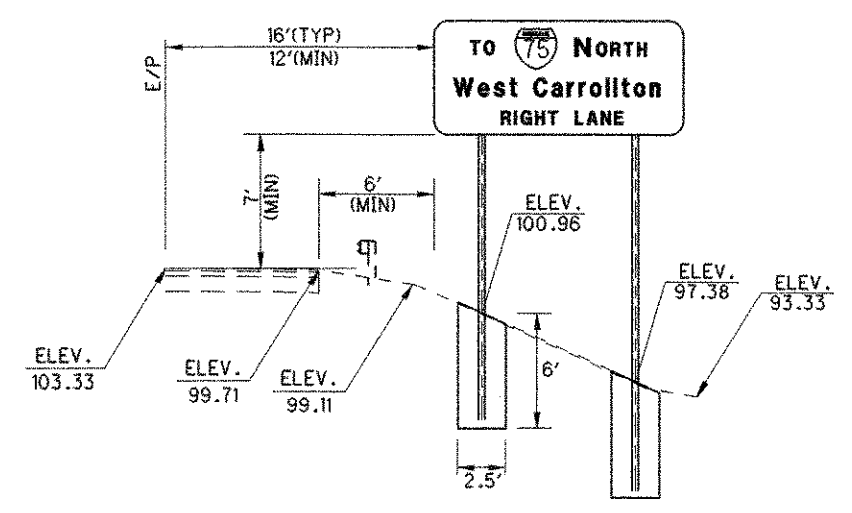
Existing Support
816 No 7.3 Design #2



STA. 61+00 LT SOUTHBOUND-DIXIE HWY.

PS-32

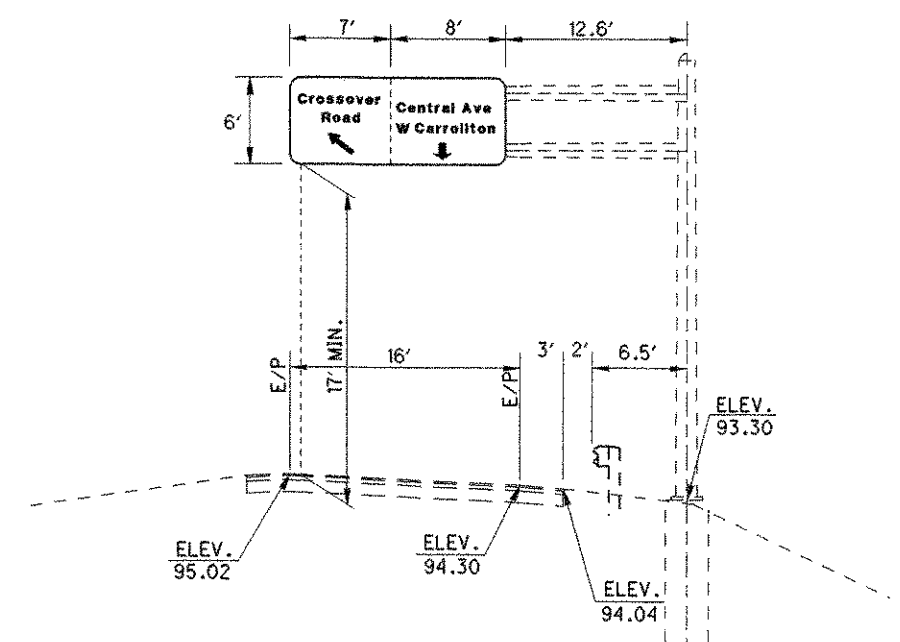
M2-H6-108
108 X 72



STA. 61+00 RT SOUTHBOUND-DIXIE HWY.

PS-33

E2-H6-156
156" X 72"
(2) W8 X 18 BEAM



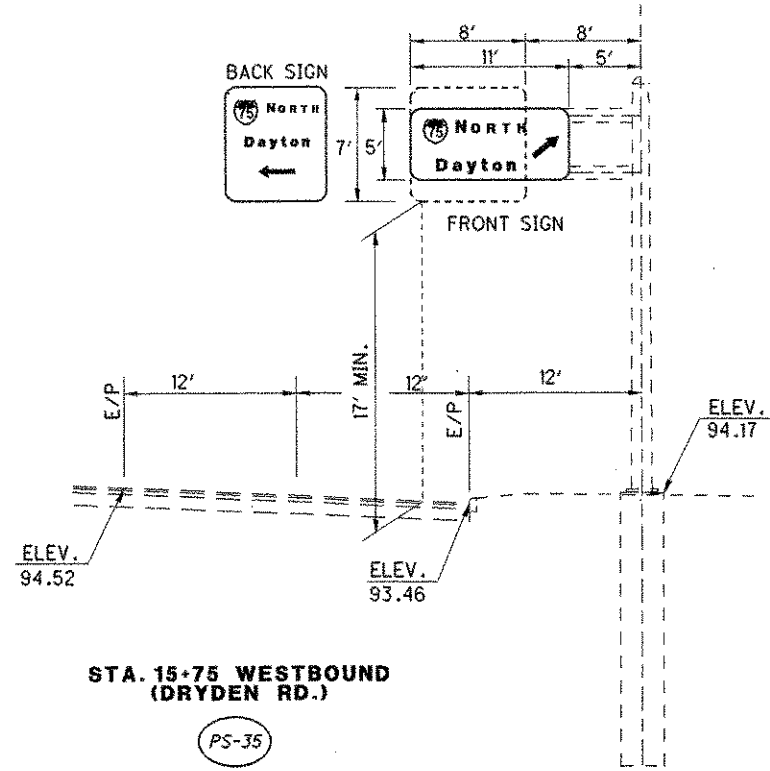
STA. 8+00 RAMP "D"
(TO SOUTH DIXIE HWY.)

PS-34

M2-H6-180
180" X 72"

Existing Support
816 No 12.24 Design #3

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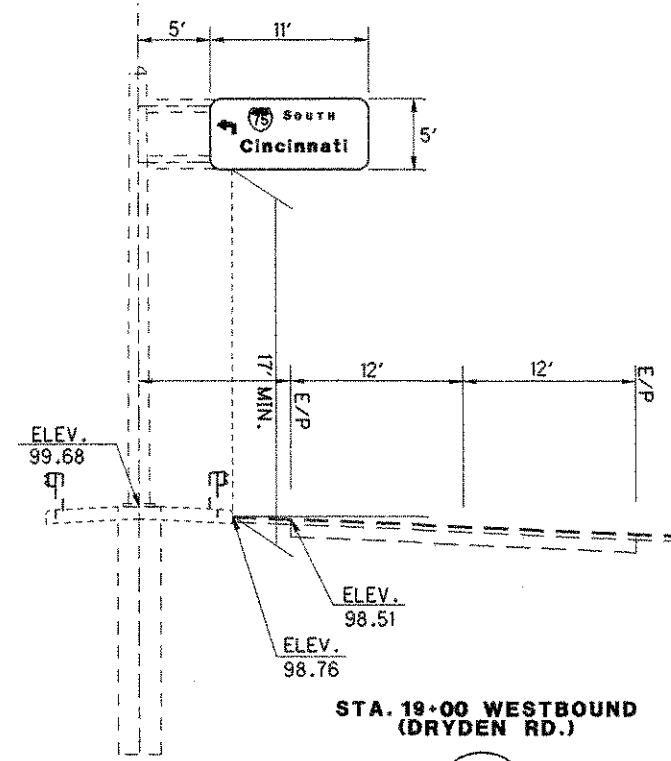


STA. 15+75 WESTBOUND
(DRYDEN RD.)

PS-35

M2-H6-96 96" X 84"
M2-H6-132 132" X 60"

Existing Support
816 No 12.24 Design #3

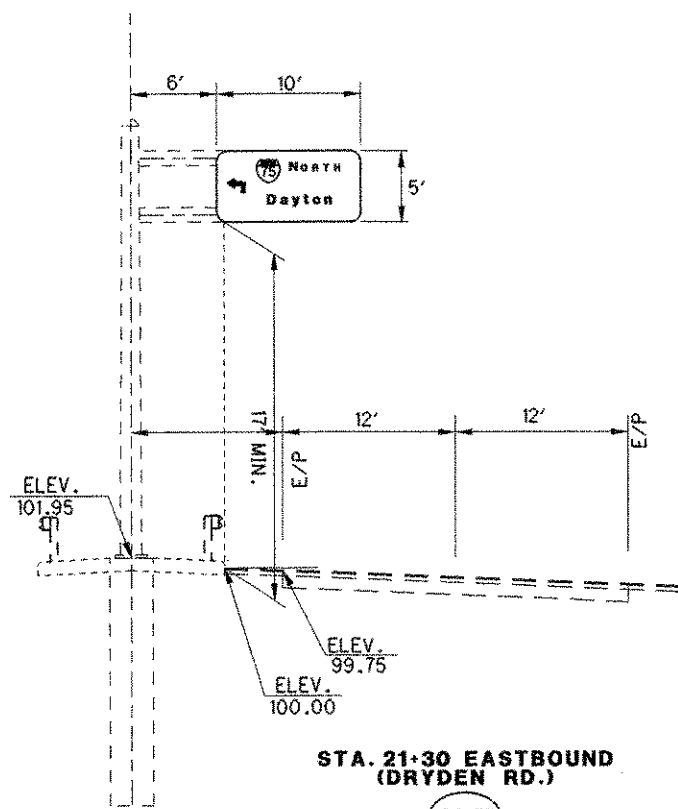


STA. 19+00 WESTBOUND
(DRYDEN RD.)

PS-36

M2-H6-132 132" X 60"

Existing Support
816 No 12.24 Design #3

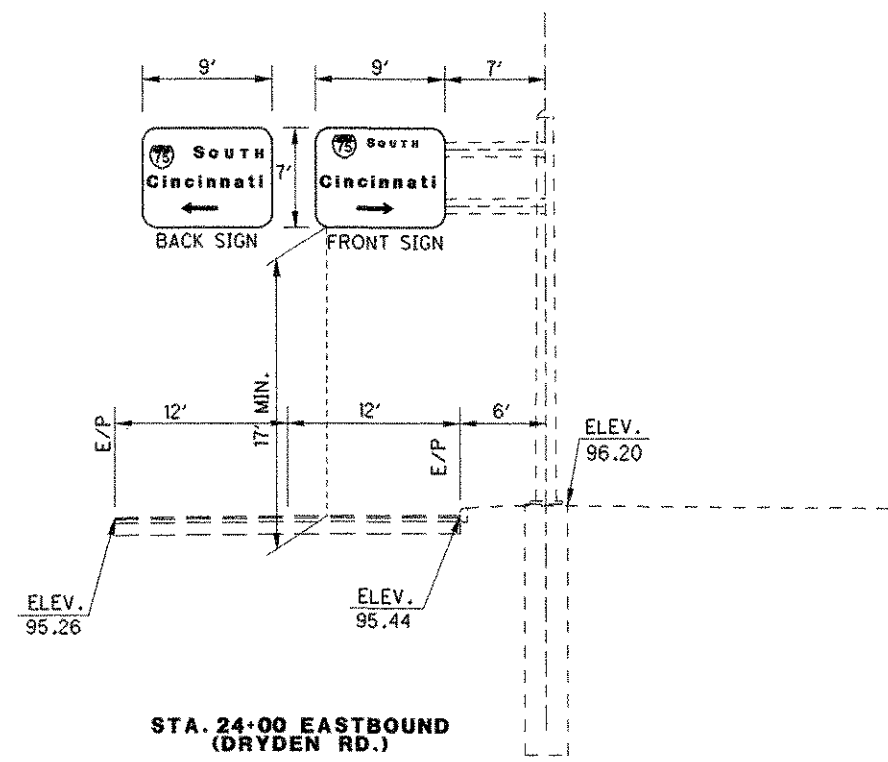


STA. 21+30 EASTBOUND
(DRYDEN RD.)

PS-37

M2-H6-120 120 x 60

Existing Support
816 No 12.24 Design #3



STA. 24+00 EASTBOUND
(DRYDEN RD.)

PS-38

M2-H6-108 108 x 84
M2-H6-108 108 x 84

Existing Support
816 No 12.24 Design #3

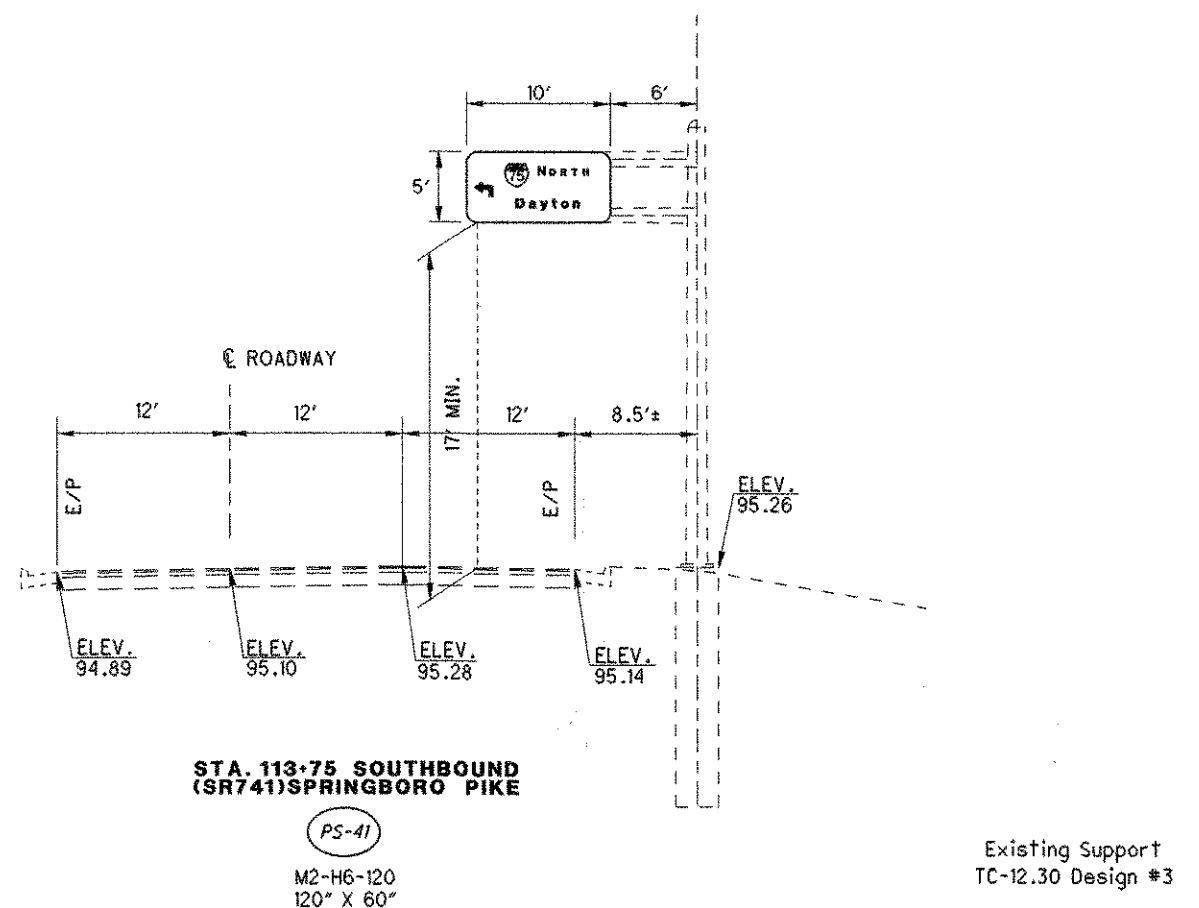
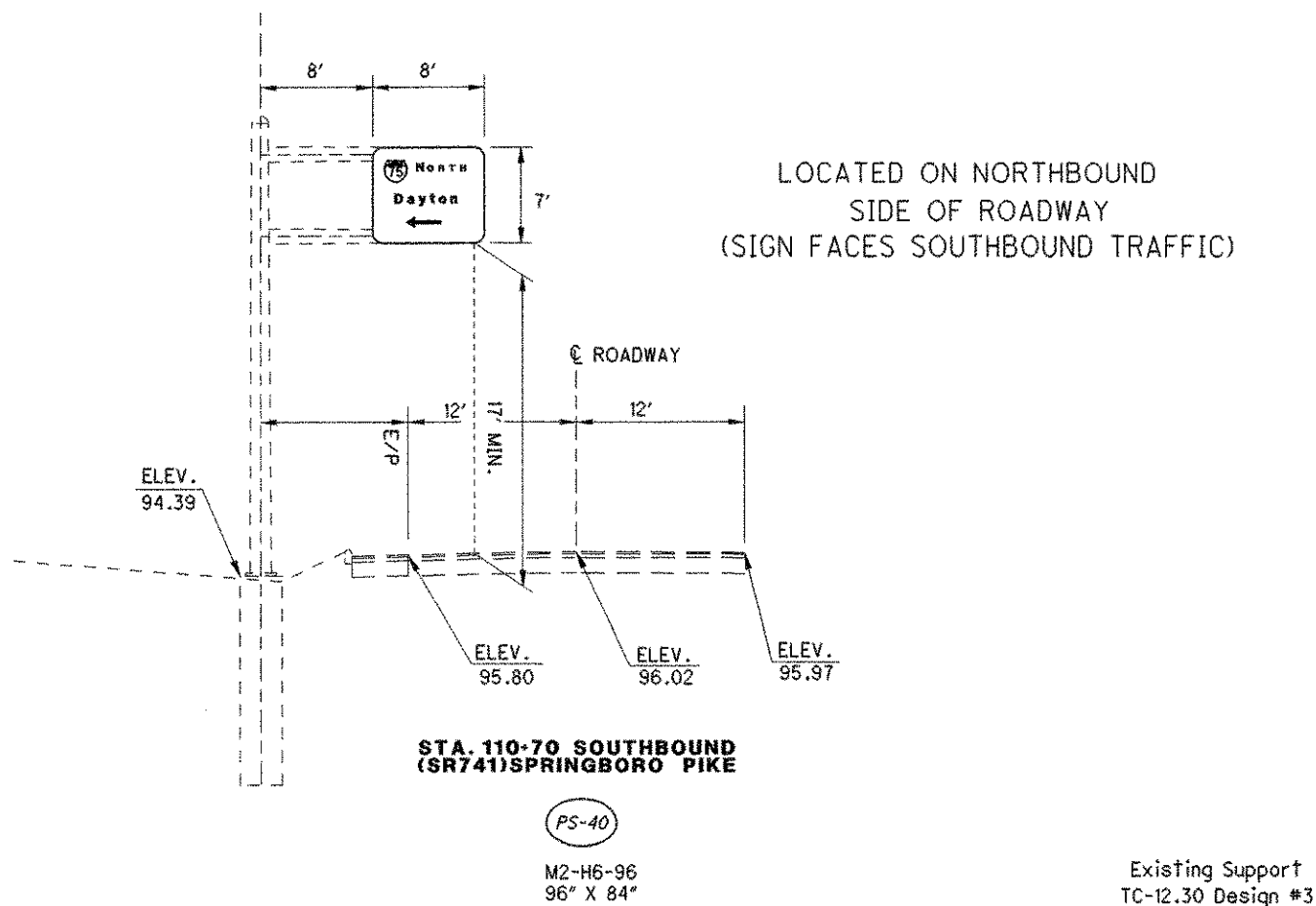
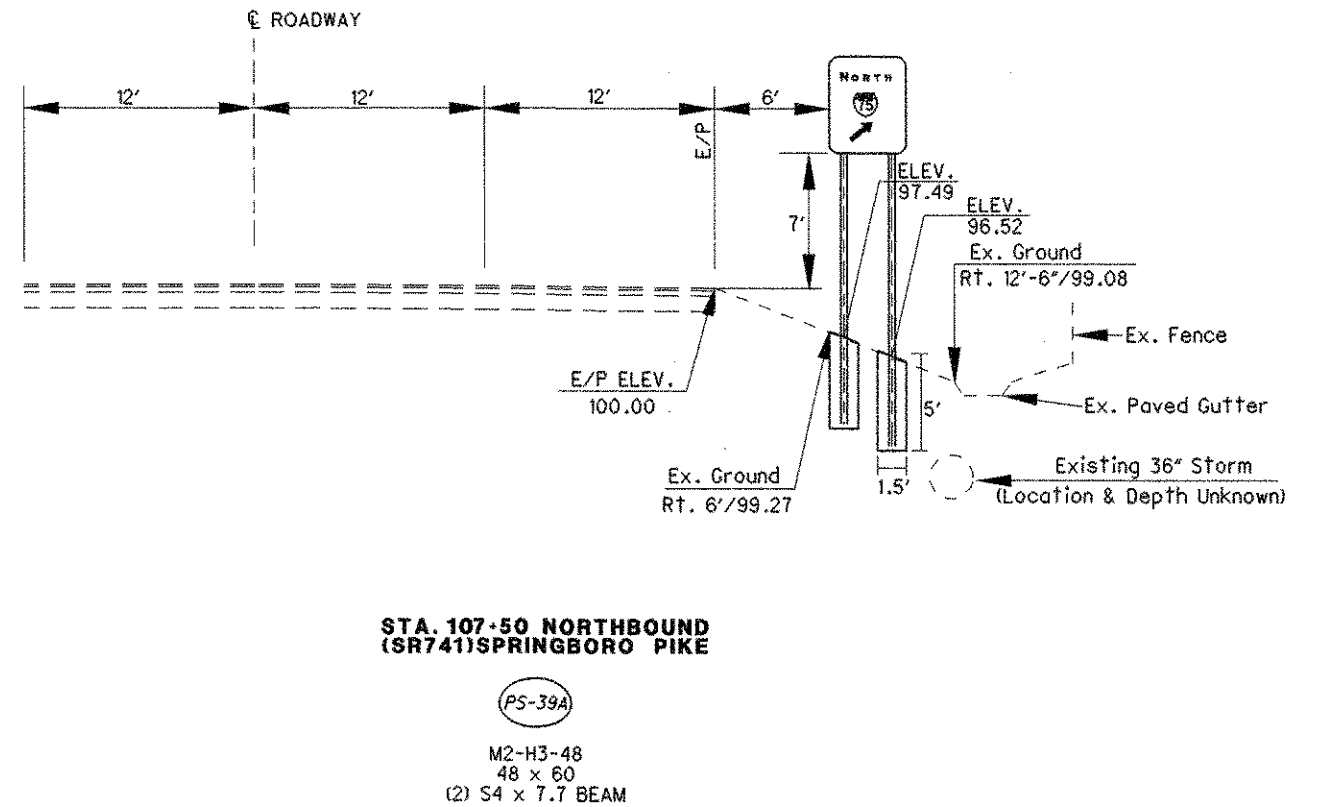
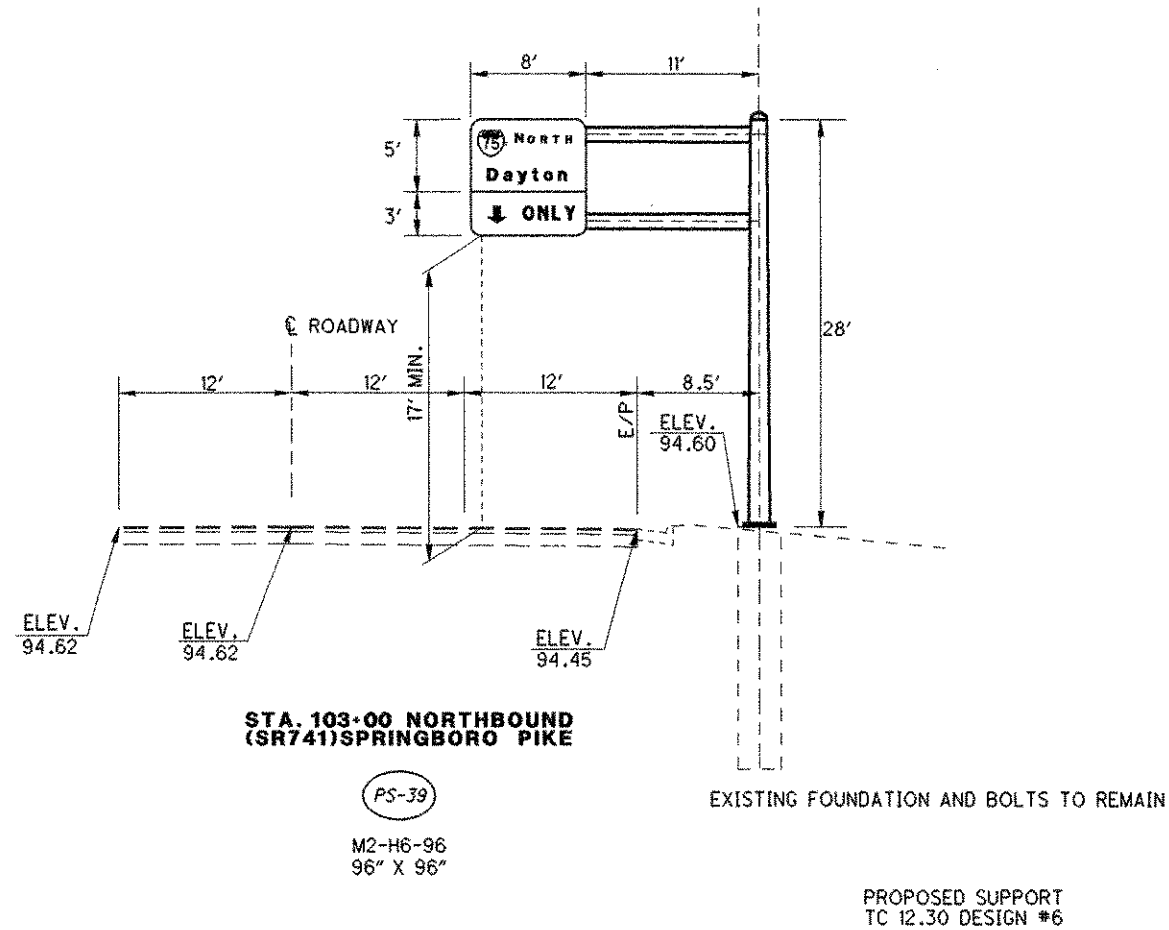
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GROUND MOUNTED SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN
REPLACEMENT
PHASE II

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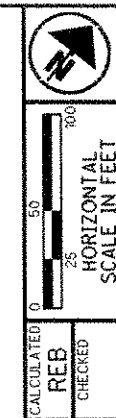
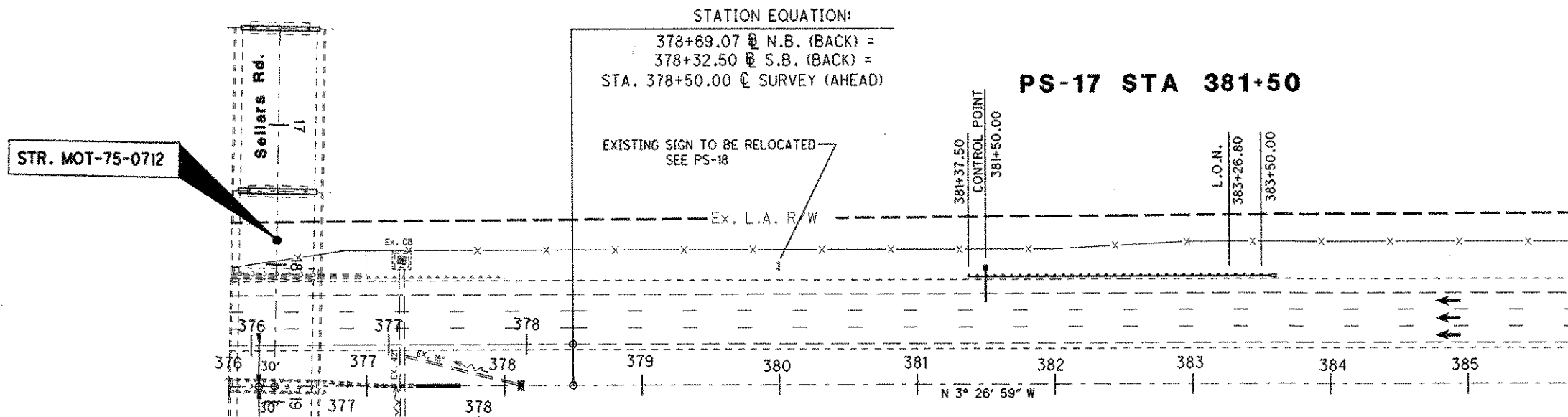
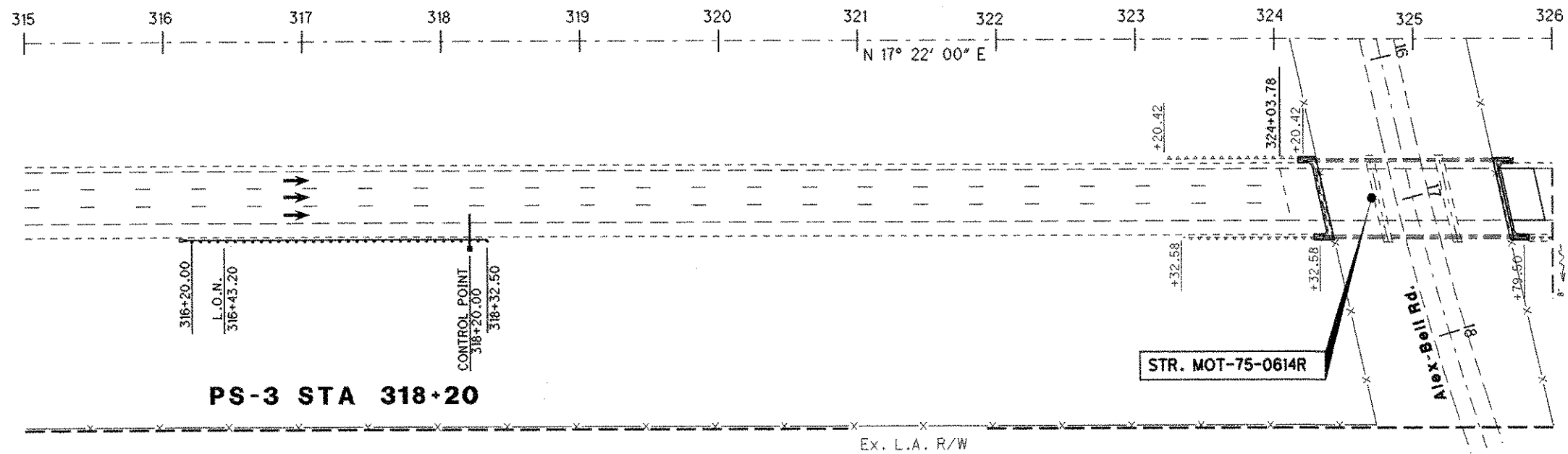


CALCULATED
REB
CHECKED

OVERHEAD SIGN PROFILE AND ELEVATION VIEW

MOT - GUIDE SIGN
REPLACEMENT
PHASE II

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CALCULATED	REB
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GUARDRAIL DETAILS

MOT-GUIDE SIGN REPLACEMENT PHASE II