

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
DISTRICT 6

SIGN UPGRADING

FRA-270-000
FRA-270-000

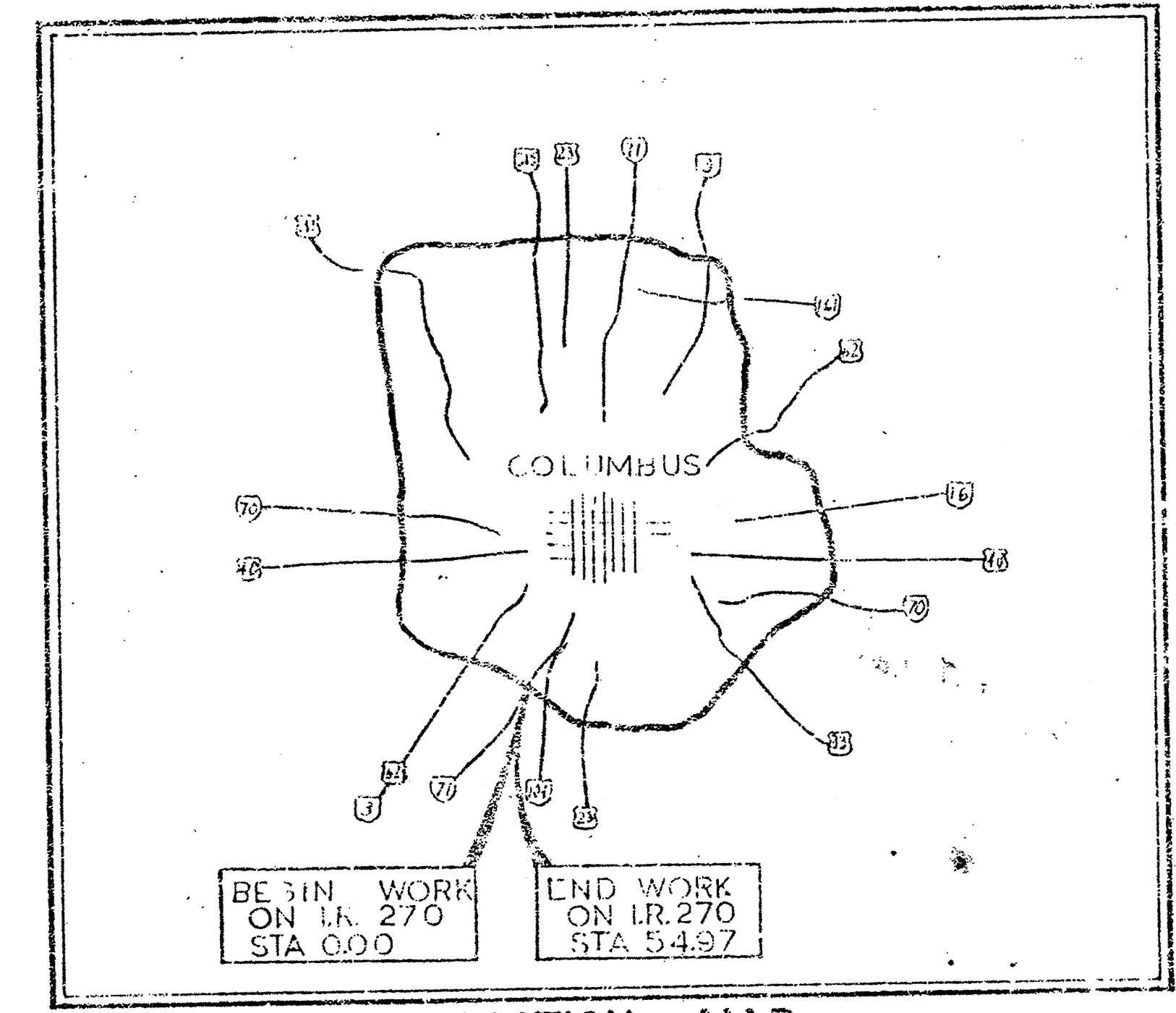
925-85

CONVENTIONAL SIGNS

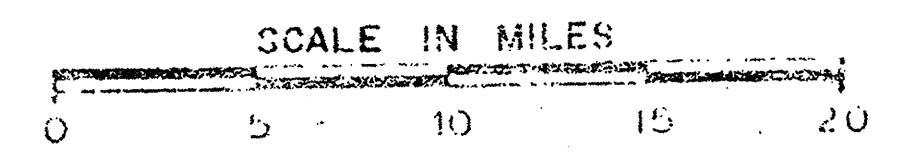
County Line _____	Limited Access (only) _____ LA _____
Township Line _____	Right of Way (only) _____ RW _____
Section Line _____	Limited Access & Right of Way _____ LA & RW _____
Corporation Line _____ or _____	Existing Right of Way _____
Fence Line (existing) x-x (proposed) x-x	Property Line _____ (in existing fence) x-x
Center Line _____ 352 _____ 353 _____	Railroad _____ or _____
Trees (to be removed) (to be removed)	Guardrail (existing) _____ (proposed) _____
Utility Poles: Telephone ϕ , Power ϕ , Light ϕ .	

INDEX OF SHEETS

Title Sheet _____	1
General Notes _____	2-2A
General Summary _____	3
Sub-Summary _____	4-33A
Plan Sheets _____	34-86
Traffic Control _____	87-94



LOCATION MAP



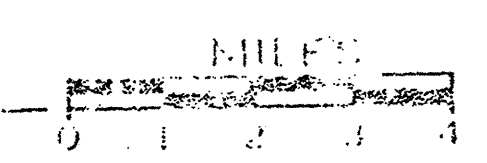
LINE DATA

Begin Work Sta 0.00
End Work Sta 54.97
Total Length of Work = 290241.60 Lin Ft.
or 54.97 Miles
Total Length of Project = 0.00 L.F.
or 0.00 Miles

UNDERGROUND UTILITIES
 48 HOURS
BEFORE YOU DIG
 Call 800-362-2764 (Toll free)
 OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

Portion to be improved: _____
State & Federal Routes _____

SCALES



SUPPLEMENTAL SPECIFICATIONS	

Approved: Edwin Z. Fildes
Date: 6-2-85 District Deputy Director of Transportation

Approved: _____
Date: _____ Engineer, Bureau of Bridges and Structural Design

Approved: _____
Date: 9-11-85 Chief Engineer, Operations

Approved: _____
Date: _____ Director, Department of Transportation

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS			
No.	Date	No.	Date
TC-22.10	3-1-79	TC-35.10	8-29-84
TC-22.20	3-1-79	TC-41.40	6-18-79
TC-31.21	3-6-79	TC-42.10	6-19-77
TC-32.10	3-8-79	TC-51.10	1-20-84
TC-32.11	3-21-79	TC-51.11	1-20-84
TC-41.10	8-29-84	TC-52.10	4-3-79
TC-41.20	3-26-79	TC-52.20	4-3-79

Plan Prepared By: _____
DISTRICT NO. 6
OHIO DEPARTMENT OF TRANSPORTATION

Project: FRA-270-000
Date of Issue: _____ No. _____

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

GENERAL NOTES

FRA-270-0000

FID. NO.	STATE	PROJECT
5	OHIO	

SCOPE OF WORK

THIS CONTRACT IS TO UPGRADE EXISTING FREEWAY AND EXPRESSWAY GUIDE SIGNS, BY OVERLAYING EXISTING SIGNS, REMOVING EXISTING SIGNS AND REPLACING WITH NEW SIGNS, OR ADDING NEW SIGNS WHERE NONE HAVE EXISTED.

TO ACCOMPLISH THE ABOVE INTENT THE FOLLOWING WORK SHALL BE PERFORMED:

A. GUIDE SIGNS

1. OVERLAY

(I) SEE SHEET 2A

2. REPLACEMENT

(I) REMOVE DAMAGED EXTRUSHEET SIGNS AND REPLACE WITH NEW EXTRUSHEET SIGNS WITH COPY, BORDER AND SHIELDS AS DESIGNATED IN THE PLANS.

3. NEW EXTRUSHEET SIGNS

THE CONTRACTOR SHALL SUBMIT PRIOR TO FABRICATION TWO SETS OF SIGN WORKING DRAWINGS IN ACCORDANCE WITH ALL REQUIREMENTS OF 630.03 UNLESS EXCEPTED HEREIN TO THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 25 SOUTH FRONT STREET, COLUMBUS, OHIO, 43216-0009 ATTENTION: PLAN DEVELOPMENT SECTION. THE DRAWINGS SHALL BE PROCESSED THROUGH THE DISTRICT CONSTRUCTION OFFICE.

B. FLAT SHEET

1. LOCATION IDENTIFICATION MARKERS

(I) INSTALL NEW SIGNS ON EXISTING STRUCTURES WITH TYPES OF ATTACHMENTS AS DESIGNATED IN THE PLANS.

ALL OVERLAYS AND SIGNS WILL BE FURNISHED BY THE CONTRACTOR INCLUDING MISCELLANEOUS HARDWARE, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THE ITEMS DESIGNATED IN THE PLANS.

630 SIGNS, EXTRUSHEET

INSTALLATION OF A NEW SIGN REQUIRING A BACKING ASSEMBLY SHALL BE INCLUDED IN THE UNIT PRICE. PAYMENT SHALL BE AT CONTRACT UNIT PRICE PER SQUARE FOOT

630 REMOVAL OF OVERHEAD MOUNTED SIGNS, AS PER PLAN

REMOVING OVERHEAD ROUTE MARKING AND EXTRUSHEET SIGNS AS DESIGNATED IN THE PLANS SHALL INCLUDE REMOVING OF BACKING ASSEMBLY, CLAMPS AND ANY ITEM THAT HOLDS THE SIGNS TO THE OVERHEAD STRUCTURE. PAYMENT SHALL BE AT CONTRACT UNIT PRICE PER EACH.

625.02 HAZARDOUS MATERIALS

NO MATERIALS FURNISHED UNDER THIS SPECIFICATION SHALL CONTAIN POLY-CHLORINATED BIPHENYLS (PCBS), TRANSFORMERS, BALLAST AND CAPACITORS SHALL BE MARKED "NO PCBS" IN ACCORDANCE WITH FEDERAL ENVIRONMENTAL PROTECTION AGENCY 40 CFR 761.

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 400 SQ. FT. OF FLOOR SPACE. PAYMENT SHALL BE AT THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

ITEM 630 SIGNS, EXTRUSHEET TYPE G
IN LIEU OF THE REQUIREMENTS OF 630.04, REFLECTIVE SHEETING SHALL BE TYPE G IN CONFORMANCE WITH THE REQUIREMENTS OF 730.19. PAYMENT FOR THIS ITEM SHALL BE MADE AT THE UNIT PRICE BID PER SQUARE FOOT FOR ITEM 630 SIGNS EXTRUSHEET, TYPE G.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS
References to Supplemental Specifications 857, 858, 859, 957, 958 and 959 on the traffic control standard construction drawings in these plans shall be considered to read as respective references to items 630, 631, 632, 730, 731 and 732

630 REMOVAL OF GROUND MOUNTED MAJOR SIGNS AS PER PLAN

CARE SHOULD BE TAKEN SO AS NOT TO DISTURB THE SUPPORTS UNLESS THEY ARE DESIGNATED FOR REMOVAL AS SHOWN IN THE PLANS.

ALL SIGNS AND/OR SUPPORTS DESIGNATED FOR REMOVAL IN THE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND WILL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE LIMITS OF THE RIGHT OF WAY.

PAYMENT FOR REMOVAL OF EXISTING GROUND MOUNTED SIGNS SHALL INCLUDE THE SUPPORTS, IF DESIGNATED FOR REMOVAL, ALL NECESSARY LABOR AND EQUIPMENT REQUIRED TO PERFORM THE WORK DESCRIBED ABOVE.

BASIS OF PAYMENT SHALL BE AS FOLLOWS:

1. REMOVAL OF GROUND MOUNTED SIGN AS PER PLAN (AT THE CONTRACT UNIT PRICE PER EACH).
2. REMOVAL OF GROUND MOUNTED MAJOR SIGN AS PER PLAN (AT THE CONTRACT UNIT PRICE PER EACH).

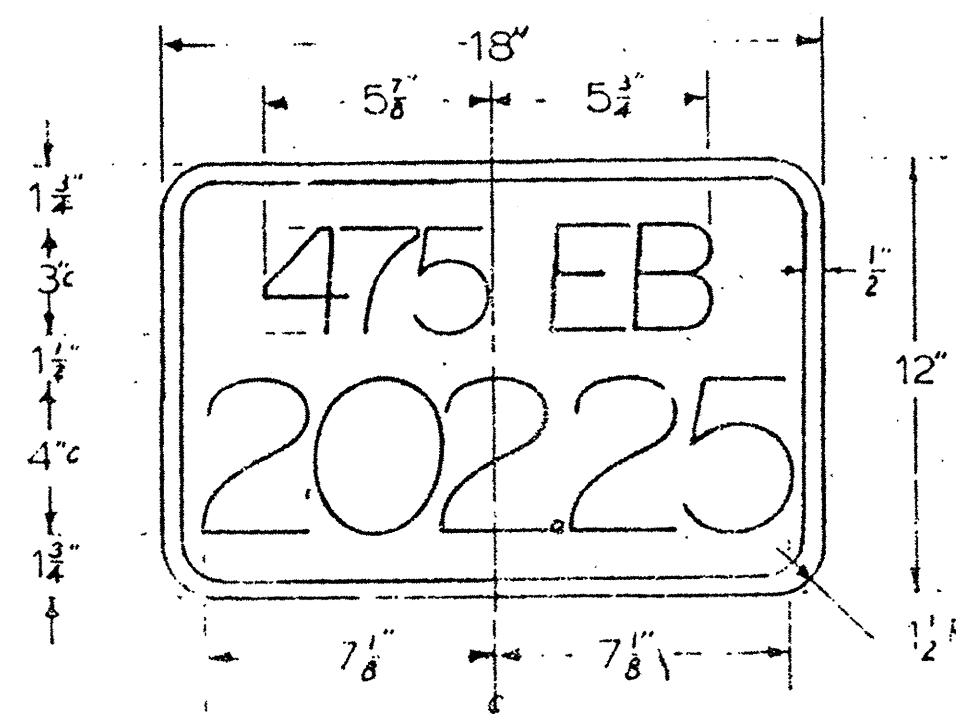
630 SIGNS FLAT SHEET AS PER PLAN

A. LOCATION IDENTIFICATION MARKER

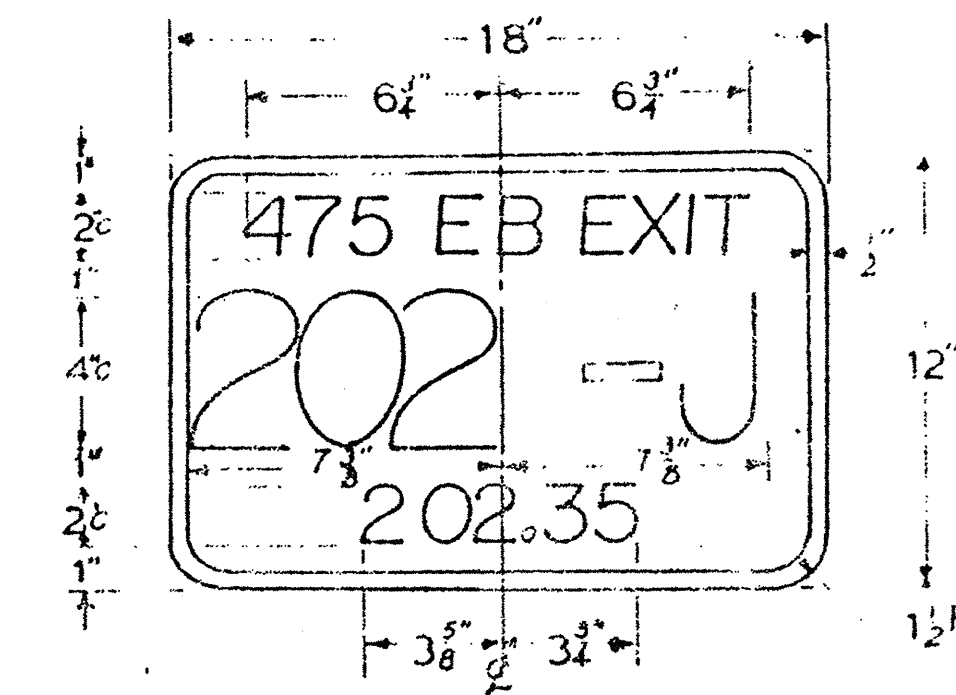
THIS ITEM SHALL CONSIST OF THE FURNISHING AND INSTALLING OF THE IDENTIFICATION MARKER TO EXISTING SIGN STRUCTURES, INCLUDING THE TYPE OF MOUNTING HARDWARE AND SHALL BE PAID FOR AT THE UNIT PRICE BID FOR 630 SIGNS FLAT SHEET.

TYPE OF MARKERS SHALL BE "HIGHWAY" (N-44B) AND "RAMP" (N-43B)

HIGHWAY MARKER (N-44B)



RAMP MARKER (N-43B)



THE MARKERS SHOWN ABOVE ARE TYPICAL DESIGN. FOR EACH STRUCTURE THE LEGEND ON EACH MARKER IS SHOWN ON THE LINE SHEETS.

BOTH THE N-44B AND N-43B SIGNS SHALL BE A WHITE REFLECTORIZED LEGEND ON A REFLECTORIZED BLUE BACKGROUND.

THE TYPE OF MOUNTING APPARATUS FOR DIFFERENT TYPES OF EXISTING STRUCTURES MAY BE AS FOLLOWS:

TYPE	EXISTING SIGN SUPPORTS	METHOD OF ATTACHMENT
I	DRIVE POST	BOLT MARKER (2 BOLTS) TO LEFT POST OF EXISTING SIGN SUPPORT WITHIN 6" BELOW MAJOR SIGN.
II	BREAKAWAY OR WIDE FLANGE POST	BOLT MARKER (2 BOLTS) TO RIGHT OF LEFT POST OF EXISTING SIGN SUPPORT PER TC-42.10 (NOTE 1.) NO. 1 POST SHALL BE USED IN LIEU OF NO. 3 POST.
III	OVERHEAD SIGN SUPPORTS	BOLT MARKER ON THE RIGHT END FRAME OF OVERHEAD STRUCTURES OR VERTICAL SUPPORT OF CANTILEVER OR BUTTERFLY MARKER SHALL BE APPROXIMATELY 7' ABOVE EDGE OF PAVEMENT. MARKER SHALL BE INSTALLED PER TC-41.40 (SIGN SUPPORT ASSEMBLY, POLE MOUNTED). DELETE THE NO. 2 OR NO. 3 POST.

MAINTAINING TRAFFIC

IT IS THE INTENTION TO PERFORM THE REQUIRED WORK WITH THE LEAST INCONVENIENCE TO AND THE MAXIMUM SAFETY OF THE CONTRACTOR AND THE TRAVELING PUBLIC. ANY VARIANCE FROM THESE MAINTENANCE OF TRAFFIC NOTES MUST BE APPROVED IN ADVANCE IN WRITING BY THE ENGINEER, EXCEPT AS MODIFIED BELOW. THE REQUIREMENTS FOR MAINTAINING TRAFFIC AS INDICATED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND PERTINENT ITEMS OF THE SPECIFICATIONS AND PROPOSAL SHALL APPLY.

THE CONTRACTOR SHALL ARRANGE HIS OPERATION TO PREVENT ANY INTERFERENCE TO THE TRAVELING PUBLIC. TRAFFIC SHALL BE MAINTAINED ON THE EXISTING PAVEMENT WITHOUT INTERRUPTION UNLESS APPROVED BY THE ENGINEER. ALL VEHICLES, EQUIPMENT, MEN AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL ARRANGE TRAFFIC CONTROL DEVICES SO TRAFFIC TO AND FROM THE FREEWAY IS MAINTAINED AT ALL TIMES.

PLACEMENT OF ALL TRAFFIC CONTROL DEVICES SHALL START AND PROCEED IN THE DIRECTION OF THE FLOW OF TRAFFIC. REMOVAL OF TRAFFIC CONTROL DEVICES SHALL START AT THE END OF THE CONSTRUCTION AREA AND PROCEED TOWARD ON COMING TRAFFIC. THE CONTRACTOR SHALL PROVIDE FOR THE INSTALLATION OF ALL NECESSARY TRAFFIC CONTROL DEVICES BEFORE BEGINNING WORK AND THEIR IMMEDIATE REMOVAL AS SOON AS WORK IS SUSPENDED OR COMPLETED.

THE CONTRACTOR WILL BE RESTRICTED FROM WORK ALONG THE TRAVELED ROADWAY INCLUDING PAVED SHOULDERS BETWEEN 6:00 A.M. TO 9:00 A.M. AND 3:00 P.M. TO 5:00 P.M. WEEK DAYS OR AS DIRECTED BY THE ENGINEER.

ON NATIONAL HOLIDAYS THE PERIOD OF TIME DESIGNATED BY THE ENGINEER WILL NORMALLY BE FROM 3:00 P.M. ON FRIDAY TO 6:00 A.M. ON TUESDAY. NO LANE OR THEIR BERM CLOSURES, OR RESTRICTION OF ANY TYPE SHALL BE IN EFFECT. TRAFFIC SHALL BE MAINTAINED ON ALL EXISTING LANES.

ON TWO LANE, TWO WAY HIGHWAYS, ONE LANE CLOSURES WILL BE PROHIBITED BETWEEN THE HOURS OF 6:00 A.M. AND 9:00 A.M. AND 3:00 P.M. AND 6:00 P.M. MONDAY THROUGH FRIDAY. ONE-LANE CLOSURES WILL BE OPERATED BY THE USE OF A FLAG PERSON AND WILL BE REQUIRED WHENEVER TRAFFIC IS RESTRICTED TO LESS THAN THE NORMAL WIDTH OF THE TRAVELED PAVEMENT, ON TWO-LANE HIGHWAYS. WHEN NECESSARY, LANE CLOSURES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DETAILS SHOWN ON SHEET 87 THROUGH 94.

TRAFFIC CONTROL FOR WORK CONFINED TO THE SHOULDER SHALL CONFORM TO PART 7 OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, FIGURE C-12.

PAYMENT OF THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO ESTABLISH ADEQUATE TRAFFIC CONTROL AND SHALL BE PAID FOR AS A LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC.

UNDERGROUND UTILITIES The locations of the underground utilities are as obtained from the owners of the utility as required by Section 153.64 O.R.C.

UTILITY OWNERSHIP The following utilities and owners are located within the work limits of this project:

OHIO DEPARTMENT OF TRANSPORTATION, District 6 East Williams St., Delaware, Ohio 43015
PHONE: 614-363-1251

DESCRIPTION

The work shall consist of removing all copy from the extrusheet aluminum signs and furnishing and erecting permanent overlays (including new reflective background and copy). The overlays will be directly attached to the aluminum extrusheet on the sign proper, the exit number panel, and the glare shield when needed. The Contractor is responsible for furnishing all material, labor, and equipment necessary to perform the work.

REMOVAL

In addition to the requirements of Item 630.12, the Contractor shall remove and dispose of all existing copy, including legend, border, shields and existing overlays. The Contractor's removal technique shall not damage the extrusheet aluminum and shall leave the surface of the extrusheet aluminum smooth, with no indentations or protrusions from fasteners, no aluminum burrs, and no scaling from reflective sheeting, which will impair the appearance or function of the overlays when attached. The cost of removing all existing copy shall be included under Item 630, Signs, Permanent Overlay.

MATERIAL

1. Flat Sheet Aluminum and Fiberglass Reinforced Plastics - Overlays, shields and service symbol signs shall be fabricated from .040 inch flat sheet aluminum, ASTM B209, 6061-T6 in accordance with Item 730.11 or .075 inch fiberglass reinforced plastics (FRP) meeting the "Recommended Traffic Control Sign Panel Specification" published by the Society of the Plastics Industry. Overlays for glare shields may also be .075 inch FRP "tinted" to match the color of the sign under daylight viewing conditions per Item 630.04(6).
2. Reflective Sheeting - shall be Type F or G as required in the plan and meet the requirements of Item 630.02.
3. Nonreflective Sheeting - Glare shield overlays fabricated from .040 inch flat sheet aluminum shall be covered with nonreflective sheeting per Item 630.02 and Item 630.04(6).
4. Copy
 - a) Legends and Borders - shall be white, demountable embossed copy with reflector units meeting the requirements of Item 630.02, except that when black is required for shields it shall be direct applied copy meeting the requirements of Item 630.04(5g) and when black is required for EXIT ONLY panels and FREEWAY/LANE ENDS signs it shall be demountable embossed copy meeting the requirements of Item 630.04(5b).
 - b) Service Symbol Signs - shall be demountable and fabricated from .040 inch flat sheet aluminum or .075 inch Fiberglass reinforced plastic covered with Type G white reflective sheeting in accordance with Item 630.04(3) and the legend shall be formed from reverse screened blue paste conforming to Item 730.22.
 - c) Shields - Interstate, U.S. and Ohio shields shall be fabricated in accordance with Item 630.04(5e), with the exception that the reflective sheeting shall be Type G.
5. Fasteners
 - a) Copy - including legends, border, shields and service symbol signs shall be fastened to the overlays with Avex #1601-0414 rivets having a .1265 inch diameter, .205 inch head diameter, and .445 inch maximum length. Rivets shall be used to attach shields to the overlays in lieu of steel truss head bolts as specified in Item 630.04(5e).
 - b) Overlays - shall be fastened to the extrusheet aluminum with Avex #1601-0619 rivets having a .188 inch diameter, .339 inch head diameter, .602 inch maximum length or #10, 3/4-inch self-drilling screws, fabricated from stainless steel alloy #410.

OVERLAY FABRICATION

1. The number of individual overlays per sign shall be kept to a minimum and approximately equal in size with no overlay having a length or width dimension less than 18 inches, except as noted in item 6 below. Overlay signs shall be furnished in sections no larger than 5 by 4 feet. Where sign dimensions will permit, vertical joints shall be used in lieu of horizontal joints.
2. The legend (i.e. word or symbol) on overlays shall be laid out according to the FHWA Standard Highway Signs Booklet and the ODOT Design Manual for Directional Guide Signs. The sign design and layout of service symbol signs shall be in accordance with the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways and the ODOT Standard Sign Design Manual.

The Contractor shall submit to the Director two sets of sign legend-working drawings prior to fabrication. Sign legend working drawings submitted shall show all guide sign legend with copy type, character size and spacing; shall include reference and/or code numbers; and shall be in accordance with all other requirements of Item 630.03.

3. All copy including legends, borders, shields and service symbol signs, shall be shop mounted except for any copy which when attached would be common to two or more individual overlays.

4. A sign identification decal in accordance with Item 630.04(7) shall be applied by the sign fabricator to the front, bottom, lefthand corner of the left most overlay for each sign, in the area outside the border. Similarly, a sign identification decal in accordance with Item 630.04(7) shall be applied to the back, bottom, left-hand corner of the extrusheet aluminum by the Contractor.

5. All overlays shall be packaged, shipped, stored and erected in such a manner that they are not scratched, dented, bent or damaged in any way which would reduce the effective life of the reflective sheeting or components of the copy. They shall be stored in such a manner that packaging paper or cardboard material does not become wet. If paper packaging material or slip sheeting becomes wet, the paper shall be removed from contact with sign faces before it dries to prevent damage to the reflective sheeting. Damage to the overlays will be cause for rejection.

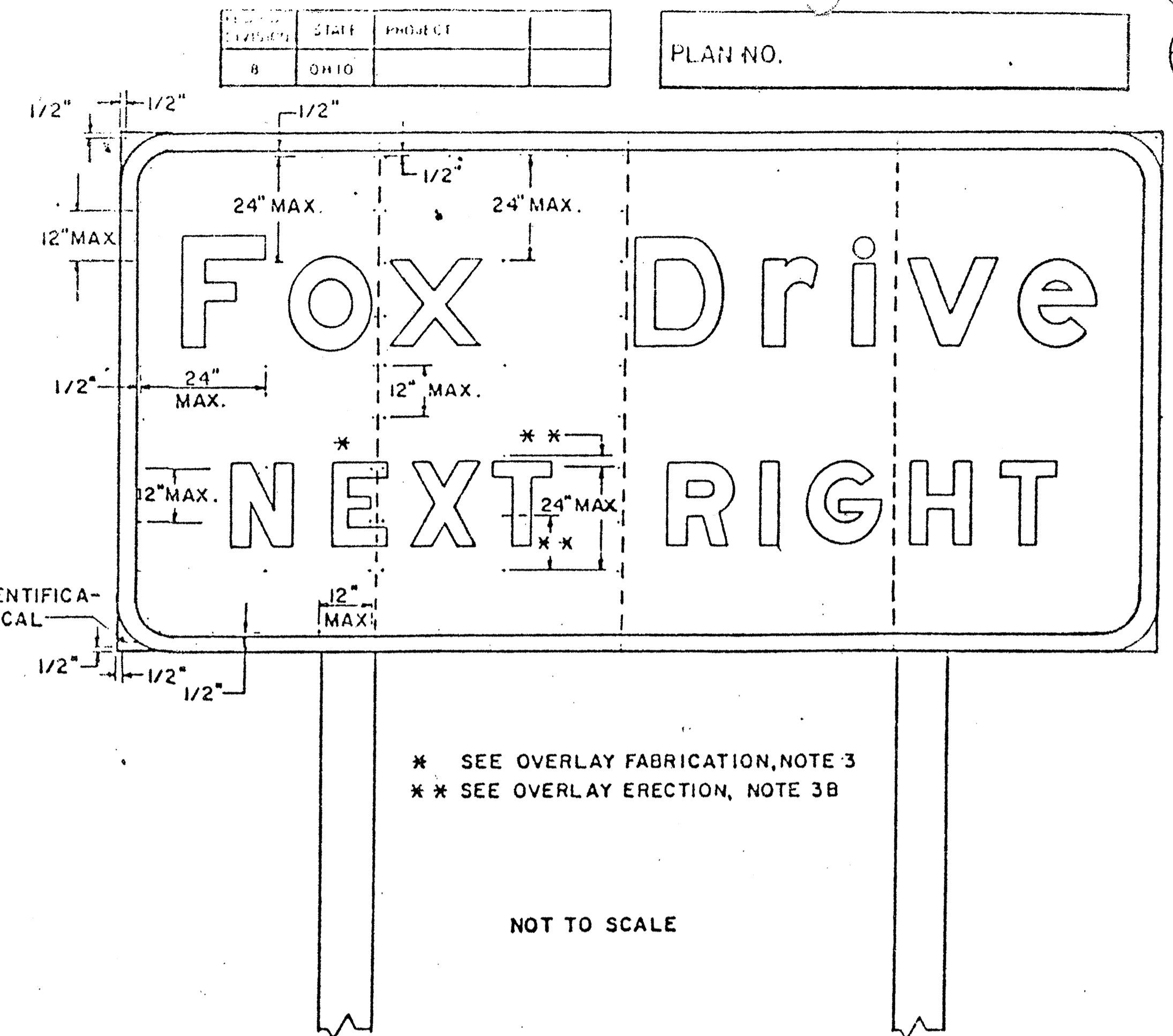
6. Should it be found that a sign overlay does not evenly fit the existing extrusheet sign, the Contractor shall be paid under Item Special Signs Permanent Overlay Reworked, on a per square foot basis, for the additional work and material needed to reduce or enlarge the size of the overlay to conform to the following tolerances. A quantity of 100 square feet has been placed on the General Summary for this type of work, to be used as directed by the Engineer.

If the complete overlay is too small to cover the existing sign, it shall be centered on the existing extrusheet and additional overlay material of the same type shall be furnished and installed by the Contractor to cover the remaining portion of the sign, if the additional material measures more than 6 inches on a side the border shall be adjusted to the outside edge of the additional overlay material.

If the complete overlay when centered on the extrusheet overhangs the existing sign by more than 6 inches on a side, the Contractor shall rework the overlay using the incorrect overlay material to the greatest extent practicable so that it fits the existing sign within this tolerance.

Legend spacing shall comply with all overlay fabrication requirements stated above (Overlay Fabrication, paragraph 2) to the greatest extent practicable as determined by the Engineer.

SIGN IDENTIFICATION DECAL



* SEE OVERLAY FABRICATION, NOTE 3
 ** SEE OVERLAY ERECTION, NOTE 3B

NOT TO SCALE

OVERLAY ERECTION

1. Sequence of Work - The Contractor may use more than one crew to perform the work; however, only one directional guide sign per direction per interchange or intersection may be overlaid at one time. Additionally, where two or more signs are placed on the same support, only one sign may be overlaid at one time.
2. Repairing Existing Extrusheet Aluminum Surface - Dents and abrasions originating on the back of the extrusheet sign and protruding to the front shall be hammered flush with the remaining extrusheet surface prior to overlaying to avoid bulges, dimples, etc. in the overlay when erected.
3. Fastener Spacing for Attaching Overlays to Extrusheet Aluminum
 - a) The maximum fastener spacing around the perimeter of each overlay shall be 12 inches. Fasteners shall be set back one-half inch from each edge of the overlay panel, except where borders exist. In this case, rivets shall be set back one-half inch from the inside of the border.
 - b) The maximum fastener spacing within the interior of each overlay shall be 24 inches. Fasteners used in attaching overlays to the extrusheet aluminum shall not be fastened through any demountable embossed copy, shields or service symbol signs.
 - c) An additional fastener shall be placed one-half inch from each edge at the four corners of the sign.
4. Joints - All joints between individual overlays shall be butt jointed with no gaps between adjacent overlays.

METHOD OF MEASUREMENT

Permanent overlays will be measured as the area, in square feet, of overlay furnished and erected in place, and includes the removal and disposal of all existing copy. Permanent overlays reworked will be measured as the difference in the area, in square feet, between the oversized or undersized overlay and the final reworked overlay in place; this will include additional labor, overlay material, border, copy and fasteners as needed.

BASIS OF PAYMENT

Quantities of permanent overlays and "overlays reworked" measured as provided above, in place, complete and accepted, will be paid for under:

Item	Unit	Description
630	Square Foot	Signs, Permanent Overlay
Special	Square Foot	Signs, Permanent Overlay Reworked

BUREAU OF TRAFFIC DEPARTMENT OF TRANSPORTATION	
HIGHWAY SIGNING	
PERMANENT OVERLAY PANEL INSTALLATION	DATE 10/6/82 12/2/82 12/20/82 8/1/84
PLAN DESIGN	HS-100

STATE	PROJECT
OHIO	

PLAN NO.

24
94

GENERAL SUMMARY

FRA -270- 00.00

ITEM	SHEET NUMBER																												ITEM	QUANT.	UNIT	DESCRIPTION							
	33A	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15A	15	14	13	12	11	10	9	8					7	6	5	4			
630																																				630	11	Each	Removal, Overhead Mounted Signs, As Per Plan
630																																			630	12	Each	Removal, Ground Mounted Major Signs, As Per Plan	
630																																			630	8	Each	Removal, Ground Mounted Signs, As Per Plan	
630																																			630	648.0	Sq.Ft.	Signs, Flat Sheet, As Per Plan	
630																																			630	4,036.5	Sq.Ft.	Signs, Extrusheet, Type G	
																																			630	100	Sq.Ft.	Signs, Permanent Overlay Repworked, Type G	
630																																				630	69,724.2	Sq.Ft.	Signs, Permanent Overlay, Type G
630																																				630	19	Each	Sign Attachment Assembly
630																																				630	39	Each	Luminaire Support Assembly, Type II
631																																				631	28	Each	Removal of Luminaire and Reerection
631																																				631	18	Each	Signs Wired
631																																				631	9	Each	Removal of Luminaire and Storage
631																																				631	7	Each	Removal of Ballast
631																																				631	9	Each	Mercury Vapor Luminaire, Type H38HT-100 with 100 Watt Lamp
631																																				631	9	Each	Ballast, Type CMRI-100
631																																				631	4	Each	Ballast Wiring Enclosure, Type 4
631																																				631	4	Each	Ballast Wiring Enclosure Mounting Bracket
631																																				631	2	Each	Mercury Vapor Luminaire, Type H39KB-175 with 175 Watt Lamp
631																																				631	2	Each	Ballast, Type CMRI-175
630																																				630	13	Each	Removal of Overhead Mounted Sign and Reerection
630																																				630	4	Each	Removal of Ground Mounted Major Sign and Reerection
630																																				630	28	Each	Removal of Ground Mounted Post Support
630																																				630	2	Each	Removal of Ground Mounted Beam Support
630																																				630	315	Lin.Ft.	Ground Mounted Supports, W10*12 Beam
630																																				630	74	Lin.Ft.	Ground Mounted Supports, S4*7.7 Beam
630																																				630	49	Lin.Ft.	Ground Mounted Supports, No.4 Posts
630																																				630	18.68	CuYd.	Concrete For Embedded Foundation
630																																				630	16	Each	Breakaway Beam Connection
614																																				614	Lump	Lump	Maintaining Traffic
619																																				619	Lump	Lump	Field Office
623																																				623	Lump	Lump	Construction Layout Stakes
624																																				624	Lump	Lump	Mobilization

SUB SUMMARY

FHWA REGION	STATE	PROJECT
5	OHIO	

5
94

FRA - 270 - 00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.					
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				SIGN ATTACHMENT ASSEMBLY	LUMINAIRE SUPPORT ASSEMBLY, TYPE II			
36	10	8	FRA062S 00842		M-52B	12x5.5			x										10	36			
					GL Shield	12x1																	
					N-44b	1.5x1																	
	11	B	FRA062S 00835			D-4B	12x4	x	x	x										11	36		
						D-4A	12x2	x	x	x													
N-44b						1.5x1			x														
12	B	FRA062S 00834			D-4A	9x2													12	36			
					N-44b	1.5x1			x														
13	B	FRA062S 00832			M-45	3.5x5.5													13	36			
					N-44b	1.5x1			x														
14	B	FRA062S 00811			GH-1	13x6	x	x											14	36			
					N-44b	1.5x1			x														
37	2	2	FRA270E 00288			GB	15x8.5												2	37			
						GEP-72	6x2																
						N-44b	1.5x1			x													
	4	3	FRA270W 00372			GB	20x6													4	37		
GEP-72						6x2																	
GL Shield						20x1																	
5	3	FRA270E 00344			GB	15x9													5	37			
					GEP-72	6x2																	
					N-44b	1.5x1			x														
6	3	FRA270E 00313			GC	12x7	x	x											6	37			
					GEP-72	6x2	x	x	x														
					N-44b	1.5x1			x														
38	1	4	FRA270W 00424			GB	20x5.5												1	38			
						GEP-72	6x2																
						GL Shield	20x1																
						N-44b	1.5x1			x													
	2	4	FRA270W0046B			GE	23x6	x	x											2	38		
						GEP-72	6x2	x	x	x													
						GL Shield	20x1																
	3	4	FRA270W00494-M			D-4E	10x3													3	38		
N-43b						1.5x1			x														
5	5	FRA270S 00523			GE	23x6	x	x											5	38			
					GEP-72	6x2	x	x	x														
					N-44b	1.5x1			x														
6	4	FRA270S00497-H			D-4E	10x3													6	38			
					N-43b	1.5x1			x														
7	4	GEO-N 00413			GH-1	15x5.5													7	38			
					GL Shield	1x15																	
					N-44b	1.5x1			x														
8	4	GEO-N 00418			GH	11x7													8	38			
					GL Shield	1x11																	
					N-44b	1.5x1			x														
SUB-SUM										1037.50	450.00	24.00	0	2									

SUB SUMMARY

FRA -270 - 0000

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH			
38	9	4	GEO-N 00433		GH-1 N-44b	13x5.5 1.5x1		X	X	71.50		1.50					9	38
	10	4	GEO-S 00440		GH-1 N-44b	13x5.5 1.5x1		X	X	71.50		1.50					10	
	11	4	GEO-S 00432		GH N-44b	12x7 1.5x1		X	X	84.00		1.50					11	
	12	4	GEO-S 00419		GH-1 N-44b	15x6 1.5x1		X	X	90.00		1.50					12	
39	2	5	FRA 270N 00584		GB GEP-72 N-44b	13x9 6x2 1.5x1			X	117.00 12.00		1.50					2	
	3	5	FRA 270S 00567		GB GEP-72 N-44b	20x5.5 6x2 1.5x1		X	X	110.00 12.00		1.50					3	
	4	6	FRA 270S 00617		GB GEP-72 N-44b	20x6 6x2 1.5x1		X	X	120.00 12.00		1.50					4	
	1	6	FRA 270N 00641		GB GEP-72 N-44b	13x8.5 6x2 1.5x1			X	110.50 12.00		1.50					1	
40	2	6	FRA 270N 00680		IM-B IM-37 M-5-24		X	X	X					1 1 1			2	
				(a)	GG	15x7			X	105.00							40	
				(b)	GB	15x11			X	165.00								
					GEP-72	6x2			X	12.00								
				(c)	GE	16x7			X	112.00								
					GEP-72	6x2			X	12.00								
					N-44b	1.5x1		X			1.50							
	3	6	FRA 270N 00698-H		M-52A N-43b	9x2.5 1.5x1		X	X	22.50		1.50						3
	4	6	FRA 270S 00679-P	(a)	GH-1	15x7.5			X	112.50								4
				(b)	GH-1	12x7.5			X	90.00								
				N-43b	1.5x1		X			1.50								
7	7	FRA 270N 00716	(a)	GG	17x9.5			X	161.50							7		
			(b)	GB	15x11.5			X	172.50									
				GEP-72	6x2			X	12.00									
				N-44b	1.5x1		X			1.50								
8	7	FRA 270S 00729		IM-B IM-38 M-5-24			X	X	X					1 1 1		8		
			(a)	GG	17x9.5			X	161.50									
			(b)	GB	14x9.5			X	133.00									
				GEP-84	7x2			X	14.00									
			(c)	GE	14x9.5			X	133.00									
				GEP-84	7x2			X	14.00									
				N-44b	1.5x1		X			1.50								
SUB-SUM										2255.0	0	19.50	0	0	6			

SUB SUMMARY

FRA - 270 - 00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN ATTACHMENT ASSEMBLY EACH				LUMINAIRE SUPPORT ASSEMBLY, TYPE II EACH	
40	9	7	FRA 270S 00703		GE	16x7				112.00								9			
					GEP-84	7x2				14.00											
					N-44b	1.5x1								1.50							
	10	5	FRA 040E 00583		GL	8x7	x	x											10		
					N-44b	1.5x1							56.00			1	1	1			
	11	5	FRA 040E 00592		GH	12x9				108.00									11		
					N-44b	1.5x1								1.50							
	12	6	FRA 040E 00612		GH-1	15x7.5				112.50									12		
					N-44b	1.5x1								1.50							
	13	6	FRA 040W 00653		GL	8x7	x	x											13		
					N-44b	1.5x1								56.00		1	1	1		40	
	14	6	FRA 040W 00640		GH	11x8	x	x											14		
					N-44b	1.5x1								88.00		1	1				
	13	6	FRA 040W 00632		GH-1	15x5.5				82.50									13		
					N-44b	1.5x1								1.50							
	16	6	FRA 040W 00612		GH-1	12x7.5				90.00									16		
					N-44b	1.5x1								1.50							
	17	6	FRA 040W 00605		N-44b	1.5x1													17		
													1.50								
18	6	FRA 040W 00629		GH	14x5.5				77.00									18			
				GL Shield	14x1						14.00										
				N-44b	1.5x1																
													1.50								
41	1	7	FRA 270N 00777	(a)	GG	17x9.5				161.50								1			
					GB	15x9.5				142.50											
					GEP-72	6x2				12.00											
					(c)	GB	13x9.5				123.50										
					GEP-72	6x2				12.00											
					N-44b	1.5x1								1.50							
	2	7	FRA 270S 00780		(a)	IM-8													2		
						IM-38															
						M-5-24															
						GB	14x9.5				133.00										
						GEP-84	7x2				14.00										
						(b)	GB	14x9.5				133.00									
3	7	FRA 270S 00759		(c)	GSH	10x4				40.00								3			
					N-44b	1.5x1								1.50							
42	8	FRA 270N 00808		(a)	IM-8													4			
					IM-37																
					M-5-24																
					GG	17x9.5				161.50											
					GE	15x9.5				142.50											
					(b)	GEP-72	6x2				12.00										
	1	8	FRA 270N 00831		(c)	GE	13x9.5				123.50								1		
						GEP-72	6x2				12.00										
						N-44b	1.5x1								1.50						
SUB-SUM									4875.00	200.00	22.50	0	0	8	2	2					

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRID MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRID MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN ATTACHMENT ASSEMBLY				LUMINAIRE SUPPORT ASSEMBLY, TYPE II		
42	2	B	FRA 270N 00838-Y		GG	15 x 9.5													2	42		
					GE	17 x 9.5																3
					N-43b	1.5 x 1		x														4
	3	B	FRA 270N 00869-Y		GE	18 x 7															6	
					N-43b	1.5 x 1		x														7
	4	B	FRA 270N 00876-Y		GG	15 x 7															8	
					N-43b	1.5 x 1		x														9
	6	B	FRA 270S 00833		GB	13 x 9															10	
					GEP-120	10 x 2																11
					N-44b	1.5 x 1		x														12
	7	9	FRA 270S 00916		IM-8			x													13	
					IM-38			x														14
					M-5-24			x														15
					(a) GG	17 x 9.5																16
(b) GE					19 x 11.5																17	
8	9	FRA 270S 00902		GEP-72	6 x 2														18			
				N-44b	1.5 x 1		x													19		
				(a) GE	17 x 9.5															20		
9	92	FRA 070E 09232		GE	15 x 9.5														21			
				(b) GE	15 x 9.5															22		
				N-44b	1.5 x 1		x													23		
10	82	FRA 070E 09260		GB	14 x 9.5														24			
				GEP-96	8 x 2															25		
				N-44b	1.5 x 1		x													26		
				(a) GG	17 x 9.5																27	
				(b) GB	13 x 9.5																28	
11	92	FRA 070E 09294		GEP-84	7 x 2														29			
				(c) GE	17 x 7															30		
				GEP-96	8 x 2																31	
				N-44b	1.5 x 1		x														32	
				(a) GG	13 x 7.5																33	
12	93	FRA 070W 09328		GB	14 x 6														34			
				(b) GE	25 x 11.5															35		
				GEP-84	7 x 2																36	
				N-44b	1.5 x 1		x														37	
13	93	FRA 070W 09315M		(a) GB	15 x 8.5														38			
				(b) GB	15 x 8.5		x	x													39	
				N-43b	1.5 x 1			x													40	
14	92	FRA 070W 09297M		(a) GE	17 x 9.5														41			
				(b) GE	17 x 9.5																42	
				N-43b	1.5 x 1		x														43	
43	9	FRA 270N 00947		GB	15 x 6														44			
				GEP-84	7 x 2																45	
				N-44b	1.5 x 1			x													46	
SUB-SUM									3332.00	127.50	19.50	0	0	4	1	2						

SUB SUMMARY

FRA-270 - 00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				
43	4	9	FRA270S 00967	(a)	GG	17 x 9.5											43	4	
					GB	15 x 11.5													
					GEP-72	6 x 2													
					N-44b	1.5 x 1		X											
44	1	10	FRA270N 01013		GE	15 x 6											44	1	
					GEP-84	7 x 2													
					N-44b	1.5 x 1		X											
	2	10	FRA 270N 01029			IM-8			X									44	2
						IM-37			X										
						M-5-24			X										
						(a) GG	17 x 9.5												
						(b) GB	21 x 8.5												
						GEP-132	11 x 2												
						(c) GE	14 x 6												
	GEP-84	7 x 2																	
	N-44b	1.5 x 1		X															
	3	10	FRA 270N 01042-H			D-4D	9 x 2			X								44	3
N-43b						1.5 x 1		X											
4	10	FRA270S 01085			GE	15 x 6											44	4	
					GEP-84	7 x 2													
					N-44b	1.5 x 1		X											
5	10	FRA270S 01071			IM-8			X									44	5	
					IM-38			X											
					M-5-24			X											
					(a) GG	17 x 8													
					(b) GB	15 x 11													
					GEP-72	6 x 2													
					GE	14 x 6													
					GEP-84	7 x 2													
					N-44b	1.5 x 1		X											
6	10	FRA270S 01052-M			D-4D	9 x 2			X								44	6	
					N-43b	1.5 x 1		X											
7	7	ROBT-E 00779			D-4B	11 x 4											44	7	
					N-44b	1.5 x 1		X											
8	7	ROBT-E 00785			M-52A	8 x 2.5											44	8	
					N-44b	1.5 x 1		X											
9	8	ROBT-E 00811			D-4A	8 x 2											44	9	
					N-44b	1.5 x 1		X											
10	8	ROBT-W 00825			M-52A	8 x 2.5											44	10	
					N-44b	1.5 x 1		X											
11	8	ROBT-W 00819			D-4B	11 x 4											44	11	
					N-44b	1.5 x 1		X											
12	8	ROBT-W 00816			M-52A	8 x 2.5											44	12	
					N-44b	1.5 x 1		X											
13	7	ROBT-W 00787			D-4A	11 x 2											44	13	
					N-44b	1.5 x 1		X											
SUB-SUM									1611.00	36.00	21.00	2	0	6					

SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRID. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRID. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH					
45	1	11	FRA270N 01131	(a)	GG	17 x 9.5			X	161.50							1			
					GL Shield	17 x 1														
					JNF		X													
					(b)	GB	21 x 8.5			X	178.50									
					GEP-132	11 x 2			X	22.00										
					GL Shield	21 x 1			X	21.00										
						N-44b	1.5 x 1		X		1.50									
	4	11	FRA270S 01169			GB	15 x 6			X	90.00						4	45		
						GEP-84	7 x 2			X	14.00									
						N-44b	1.5 x 1		X			1.50								
	5	11	FRA270S 01130			GN	8 x 3.5			X	28.00						5			
						N-44b	1.5 x 1		X			1.50								
	6	12	FRA270N 01213			GCP	13 x 6.5			X	84.50						6			
						GEP-96	8 x 2			X	16.00									
N-44b						1.5 x 1		X			1.50									
46	1	12	FRA270N 01229			GE	21 x 6			X	126.00					1				
						GEP-96	8 x 2			X	16.00									
						N-44b	1.5 x 1		X			1.50								
	2	12	FRA270N 01244	(a)	GG	17 x 9.5			X	161.50						2				
					(b)	GB	13 x 6.5			X	84.50									
					GEP-96	8 x 2			X	16.00										
					(c)	GE	17 x 6			X	102.00									
					GEP-96	8 x 2			X	16.00										
						N-44b	1.5 x 1		X		1.50									
	3	12	FRA 270N 01263			GE	14 x 7			X	98.00					3				
						GEP-96	8 x 2			X	16.00									
	4	12	FRA270N 01270			GF	8 x 5		X			40.00		1		4				
						N-44b	1.5 x 1		X			1.50								
	5	12	FRA270S 01287			GF	6 x 5			X	30.00					5				
N-44b						1.5 x 1		X			1.50									
6	12	FRA270S 01268-M			D-AB	14 x 4			X	56.00					6	46				
					GC	9 x 3			X	27.00										
					N-43b	1.5 x 1		X			1.50									
9	13	FRA270S 01354			GCP	13 x 6.5			X	84.50					9					
					GEP-84	7 x 2			X	14.00										
					N-44b	1.5 x 1		X			1.50									
10	13	FRA270S 01303			GE	21 x 8			X	168.00					10					
					GEP-84	7 x 2			X	14.00										
					N-44b	1.5 x 1		X			1.50									
11	1	HILL-E 00171			M-52A	8 x 2.5			X	20.00					11					
					N-44b	1.5 x 1		X			1.50									
12	1	HILL-E 00178			D-AB	11 x 4			X	44.00					12					
					N-44b	1.5 x 1		X			1.50									
13	1	HILL-E 00184			M-52A	8 x 2.5			X	20.00					13					
					N-44b	1.5 x 1		X			1.50									
14	1	HILL-E 00186			D-4D	13 x 2			X	26.00					14					
					N-44b	1.5 x 1		X			1.50									
SUB-SUM									1772.00	40.00	22.50	0	1	1						

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				
46	15	2	HILL-E 00213		D-4A	8x2											15	46	
					N-44b	1.5x1											II		
	16	2	HILL-W 00233		M-52A	8x2.5													16
					N-44b	1.5x1											I		
	17	2	HILL-W 00225		D-4B	11x4													17
					N-44b	1.5x1											II		
18	2	HILL-W 00219		M-52A	8x2.5												18		
				N-44b	1.5x1											I			
19	1	HILL-W 00192		D-4A	11x2												19		
				N-44b	1.5x1											II			
47	1	13	FRA270N 01385		GJ	16x6											1		
																	2		
	2	16	FRA270N 01616		(a) GCP	12x4.5													
					(b) GB	14x11													
	3	16	FRA270N 01621		GEP-132	11x2													
					N-44b	1.5x1													
	4	16	FRA270N 01657		GN	13x3.5	x	x											
					N-44b	1.5x1													
	7	16	FRA270S 01617		GB	15x8.5													
					GEP-96	8x2													
8	13	FRA270S 01385		N-44b	1.5x1														
				GB	21x8														
1	17	FRA270N 01705		GEP-84	7x2														
				N-44b	1.5x1														
2	17	FRA270N 01729		IM-B		x													
				IM-37		x													
3	17	FRA270N 01743		M-5-24		x													
				(a) GG	16x7														
5	17	FRA270W 01780		JNF		x													
				(b) GB	15x11														
7	17	FRA270W 01750		GEP-96	8x2														
				GE	18x7														
2	17	FRA270W 01790		GEP-96	8x2														
				N-44b	1.5x1														
3	17	FRA270W 01790		GB	15x8.5														
				GEP-96	8x2														
6	17	FRA270W 01750		N-44b	1.5x1														
				IM-B		x													
5	17	FRA270W 01750		IM-38		x													
				M-5-24		x													
6	17	FRA270W 01750		(a) GG	15x7														
				JNF		x													
7	17	FRA270W 01750		(b) GB	15x9														
SUB-SUM									1762.50	45.50	21.0	0	1	8					

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH					
48				(c)	GEP-96	8 x 2														
					GE	18 x 9														
					GEP-96	8 x 2														
						N-44b	1.5 x 1		x											
		7	2	FRA033E 00212		M-52A	8 x 2.5												7	
						N-44b	1.5 x 1		x											
		8	2	FRA033E 00230	(a)	GH	10 x 5												8	
					(b)	GH-1	15 x 5.5													
						N-44b	1.5 x 1		x											
		9	2	FRA033W 00299		M-52A	8 x 2.5												9	
						N-44b	1.5 x 1		x											
		10	2	FRA 033W 00288	(a)	GH	12 x 7												10	
					(b)	GH-1	9 x 5.5													
					N-44b	1.5 x 1		x												
	11	2	FRA033W 00253		GH-1	15 x 5.5												11		
					N-44A	1.5 x 1		x												
	12	17	FRA 270W 01731		GE	18 x 7												12		
					GEP-96	8 x 2														
					N-44b	1.5 x 1		x												
	13	17	FRA 270S 01720		GF	8 x 5												13		
					N-44b	1.5 x 1		x												
49	11	18	FRA 270E 01834		GJ	16 x 5												1		
					N-44b	1.5 x 1		x												
	2	18	FRA 270E 01853		GB	15 x 6												2		
					GEP-84	7 x 2														
					N-44b	1.5 x 1		x												
	3	18	FRA 270E 01883		GCP	15 x 4.5												3		
					GEP	7 x 2														
					N-44b	1.5 x 1		x												
	4	18	FRA 270W 01850		GB	14 x 11												4		
					GEP-132	11 x 2														
					N-44b	1.5 x 1		x												
	5	18	FRA 270W 01821		GCP	10 x 5												5		
					N-44b	1.5 x 1		x												
51	1	19	FRA 270E 01918		GB	15 x 5.5												1		
					GEP-84	7 x 2														
					N-44b	1.5 x 1		x												
	2	19	FRA 270E 01952		GE	15 x 6												2		
					GEP-84	7 x 2														
					N-44b	1.5 x 1		x												
50	3	19	FRA 270E 01969		GF	6 x 5												3		
					N-44b	1.5 x 1		x												
	4	19	FRA 270E 0198-H		D-4A	12 x 2	x	x										4		
					N-44b	1.5 x 1		x												
	5	19	FRA 270W 01985-M		D-4A	12 x 2	x	x										5		
					N-44b	1.5 x 1		x												
52	6	19	FRA 270W 01981		GN	13 x 3.5	x	x										6		
					N-44b	1.5 x 1		x												
SUB-SUM									1,325.00	173.50	28.50	4	1	0						

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.					
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN AT TACHMENT ASSEMBLY EACH				LUMINAIRE SUPPORT ASSEMBLY, Type II EACH				
50	9	20	FRA270W 02017	GE	15x6	7x2	x	x	x	90.00										II	9	50		
										14.00		1.50												
	10	20	FRA270W 02001	GE	6x3	1.5x1	x	x	x	30.00											II	10	50	
												1.50												
	11	3	SAWM-N 00323	M-52A	8x2.5	1.5x1	x	x	x	20.00											I	11	50	
												1.50												
	12	3	SAWM-N 00331	D-4B	11x4	1.5x1	x	x	x	44.00											II	12	50	
												1.50												
	13	3	SAWM-N 00338	M-52A	8x2.5	1.5x1	x	x	x	20.00											I	13	50	
												1.50												
	14	3	SAWM-N 00352	D-4A	8x2	1.5x1	x	x	x	16.00											II	14	50	
												1.50												
	15	3	SAWM-S 00367	M-52A	8x2.5	1.5x1	x	x	x	20.00											I	15	50	
												1.50												
	16	3	SAWM-S 00359	D-4B	11x4	1.5x1	x	x	x	44.00											II	16	50	
												1.50												
	17	3	SAWM-S 00352	M-52A	8x2.5	1.5x1	x	x	x	20.00											I	17	50	
											1.50													
18	3	SAWM-S 00338	D-4A	11x2	1.5x1	x	x	x	22.00											II	18	50		
											1.50													
51	2	20	FRA270E 02080	GJ	16x5	1.5x1	x	x	x	80.00										II	2	51		
												1.50												
	3	20	FRA270W 02076	GCP	15x4.5	7x2	1.5x1	x	x	x											I	3	51	
													1.50											
	4	20	FRA270W 02053	GB	15x3.5	12x2	7x2	x	x	x	82.50	<i>Changed "1/4 MILE" to "NEXT RIGHT"</i>										II	4	51
													24.00											
													14.00											
													1.50											
	5	21	FRA270E 02154	GB	17x11	11x2	1.5x1	x	x	x	187.00										II	5	51	
													22.00											
													1.50											
	6	21	FRA270W 02102	GB	15x6	7x2	1.5x1	x	x	x	90.00										II	6	51	
													14.00											
													1.50											
	7	22	FRA270E 02204	GB	13x12	8x2	1.5x1	x	x	x	136.00										II	7	51	
													16.00											
													1.50											
8	22	FRA270W 02243	GN	8x3.5	1.5x1	x	x	x	28.00											I	8	51		
											1.50													
52	1	22	FRA270E 02250	GB	17x9	8x2	x	x	x	153.00										III	1	52		
												16.00												
	12	22	FRA270E 02250	GE	17x9.5	8x2	1.5x1	x	x	x		<i>For Lighting Quantities See Sheet No. 33A.</i>										III	12	52
													16.00											
													17.00											
													1.50											
SUB-SUM										1238.50	178.50	27.00	0	0	1	1	2							

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRID MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRID MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN ATTACHMENT ASSEMBLY EACH				LUMINAIRE SUPPORT ASSEMBLY TYPE II EACH	
2	22	FRA270E 02281	(a)	GB	16 x 11													2			
				GEP-84	7 x 2																
				(b) GE	16 x 9																
				GEP-84	8 x 2																
3	22	FRA270E 02292-J	(a)	GH	12 x 7													3			
				(b) GH-1	16 x 10	x	x														
				N-43b	1.5 x 1		x														
4	22	FRA270W 02285-M	(a)	GCP	11 x 2													4			
				(b) GH	16 x 7.5																
				(c) GH-1	13 x 7.5																
				N-43b	1.5 x 1		x														
5	23	FRA270E 02317	(a)	IM-B			x											5			
				IM-37			x														
				M-5-24			x														
				GG	17 x 9.5																
				(b) GB	17 x 11.5																
				GEP-84	7 x 2																
6	23	FRA270E 02333	(a)	GG	17 x 9.5													6			
				(b) GE	13 x 9.5																
				GEP-84	7 x 2																
				(c) GE	16 x 9.5																
				GEP-84	7 x 2																
				N-44b	1.5 x 1		x														
7	23	FRA270E 02349-Y	(a)	GE	12 x 10													7			
				(b) GE	16 x 10																
				N-43b	1.5 x 1		x														
8	23	FRA270W 02330	(a)	IM-B														8			
				IM-38																	
				IM-40																	
				M-5-24																	
				GG	17 x 9.5																
				(b) GB	17 x 11.5																
9	23	FRA270W 02311	(a)	GB	17 x 9.5													9			
				GL Shield	17 x 1																
				JNF																	
				(b) GE	17 x 11.5																
				GL Shield	17 x 1																
				GEP-84	7 x 2																
10	11	FRA315N 01100	(a)	W-55	24 x 8													10			
				GL Shield	24 x 1																
				(b) GH	12 x 7																
				GL Shield	12 x 7																
				N-44b	1.5 x 1		x														
11	11	FRA315N 01141	(a)	M-52A	8 x 2.5													11			
				N-44b	1.5 x 1		x														
12	11	FRA315N 01147	(a)	GG	10 x 6													12			
				(b) GH	14 x 7.5																
				(c) GH-1	15 x 5.5																
				N-44b	1.5 x 1		x														
SUB-SUM										3,179.00	160.00	16.50	0	0	11	1	2				

SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH						
52	13	11	FRA 315N 01183		GH-1 N-44b	16'x6 1.5x1	x	x									13	52			
	14	12	FRA 315S 01215		M-52B N-44b	12x5.5 1.5x1			x										14		
	15	11	FRA 315S 01194		GH N-44b	16x6 1.5x1	x	x						1						15	
	16	11	FRA 315S 01185		D-4A N-44b	11x2 1.5x1	x	x													16
		17	11	FRA 315S 01178		GH N-44b	12x7.5 1.5x1	x	x												17
	18	11	FRA 315S 01168		GH-1 N-44b	15x5.5 1.5x1	x	x											18		
	19	11	FRA 315S 01108		N-44b	1.5x1			x										19		
53	1	23	FRA 270E 02376		GB GEP-132 N-44b	13x11 11x2 1.5x1													1		
	2	23	FRA 270E 02378	(a)	GG GL Shield	21x7 21x1														2	
				(b)	GE GL Shield	15x7 15x1															
					N-44b	1.5x1															
	3	23	FRA 270E 02390-Y		GF N-43b	6x5 1.5x1	x	x												3	
	4	23	FRA 270W 02378	(a)	GG GL Shield	18x7 18x1															4
				(b)	GE GL Shield	19x7 19x1															
					N-44b	1.5x1			x												
		5	23	FRA 270W 02370-Z		GF N-43b	6x5 1.5x1														5
	6	24	FRA 270W 02418		IM-3 IM-3B M-5-24		x	x												6	
				(a)	GB GL Shield	15x11 15x1															
					GEP-84	7x2															
				(b)	GE GL Shield	19x11.5 19x1															
					GEP-84	7x2															
					N-44b	1.5x1			x												
	7	24	FRA 270W 02401-Z	(a)	GE GL Shield	16x9.5 16x1														7	
				(b)	GE GL Shield	16x7 16x1															
					N-43b	1.5x1			x												
	8	22	FRA 023N 02287	(a)	GH GL Shield	19x8.5 13x1														8	
				(b)	GH-1 GL Shield	17x5.5 17x1															
					N-44b	1.5x1			x												
SUB-SUM										1820.50	416.50	22.50	1	4	0						

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRID MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRID MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH							
53	9	23	FRA 023N 02309		GH-1	16x6				96.00								9	53			
					GL Shield	16x1				16.00												
					N-44b	1.5x1																
	10	23	FRA 023N 02330		N-44b	1.5x1												10				
	11	23	FRA 023S 02321	(a)	GH	14x7.5				105.00									11			
(b)					GH-1	16x6				96.00												
					N-44b	1.5x1																
	12	23	FRA 023S 02300		GH-1	17x5.5				93.50								12				
					N-44b	1.5x1																
54	1	24	FRA 270E 02441	(a)	GG	15x8.5				127.50									1	54		
					(b)	GB	13x9.5				123.50											
						GEP-96	8x2				16.00											
	(c)	GB	13x9.5				123.50															
		GEP-96	8x2				16.00															
		N-44b	1.5x1																			
	2	24	FRA 270W 02489	(a)	GG	17x9.5				161.50									2			
(b)					GB	16x11.5				184.00												
					GEP-84	8x2				16.00												
					N-44b	1.5x1																
	3	25	FRA 270E 02502	(a)	GG	15x8.5				127.50									3			
(b)					GB	13x9.5				123.50												
					GEP-96	8x2				16.00												
					(c)	GB	13x9.5			123.50												
					GEP-96	8x2				16.00												
					N-44b	1.5x1																
	6	25	FRA 270W 02510		GB	16x11				176.00									6			
					GL Shield	16x1				16.00												
					GEP-84	7x2				14.00												
					N-44b	1.5x1																
55	1	25	FRA 270E 02554	(a)	GG	15x7				105.00								1	55			
					GL Shield	15x1				13.00												
					(b)	GB	13x9.5				123.50											
						GL Shield	13x1				13.00											
					(c)	GEP-96	8x2				16.00											
						GE	16x9.5				152.00											
	GL Shield	16x1					16.00															
	GEP-96	8x2					16.00															
		2	25	FRA 270E 02580		Special	10x10				100.00									2		
	N-44b					1.5x1																
		3	25	FRA 270E 02588		GE	16x7				112.00									3		
	GEP-96					8x2				16.00												
N-44b						1.5x1																
	4	26	FRA 270E 02608		GB	18x9.5				171.00								4				
GEP-84					7x2				14.00													
					N-44b	1.5x1																
	5	26	FRA 270W 02628	(a)	GG	17x9.5				161.50								5				
GL Shield					17x1				17.00													
					GE	16x11.5				184.00												
GL Shield					16x1				16.00													
					GEP-84	7x2				14.00												
N-44b					1.5x1																	
	6	26	FRA 270W 02620		GF	6x5				30.00								6				
N-44b					1.5x1																	
SUB-SUM										3,079.00	0	21	0	0	0							

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GND. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GND. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVER LEAD MTD. SIGN AS PER PLAN EACH				
55	7	119	FRA071 11915-J	(a)	GE	17x9.5											7		
					GL Shield	17x1													
				(b)	GE	16x7													
					GL Shield	16x1													
						N-43b	1.5x1		x										
	8	118	FRA071N 11895V	(a)	GG	17x9.5												8	
					GL Shield	17x1													
				(b)	GE	19x11.5													
					GL Shield	15x1													
					GEP-96	8x2													
					N-44b	1.5x1			x										
	9	118	FRA071N 11906-N	(a)	GE	17x9.5												9	
				GL Shield	17x1														
(b)				GE	15x9.5														
				GL Shield	15x1														
					N-43b	1.5x1		x											
10	119	FRA0713 11909V		GE	18x7												10		
				GL Shield	18x1														
				GEP-108	9x2														
				N-44b	1.5x1			x											
11	118	FRA0715 11925V		GE	15x9												11		
				GEP-108	9x2														
				N-44b	1.5x1			x											
12	119	FRA0715 11959V	(a)	GG	13x7												12		
				GL Shield	13x1														
			(b)	GB	15x9														
				GL Shield	15x1														
				GEP-108	9x2														
			(c)	GE	19x7														
				GL Shield	19x1														
				GEP-108	9x2														
	N-44b	1.5x1			x														
56	2	26	FRA270E 02660	(a)	GG	17x9.5											2		
					GB	18x9.5													
					GEP-84	7x2													
					N-44b	1.5x1			x										
	3	26	FRA270E 02671		GCP	18x4.5											3		
					N-44b	1.5x1			x										
	4	26	FRA270W 02676	(a)	GG	17x9.5												4	
					GL Shield	17x1													
				(b)	GB	13x11.5													
					GL Shield	13x1													
					GEP-84	7x2													
					N-44b	1.5x1			x										
5	118	FRA071N 11867	(a)	GG	17x9.5												5		
				GL Shield	17x1														
			(b)	GB	15x11.5														
				GL Shield	15x1														
					GEP-96	8x2													
					N-44b	1.5x1		x											
6	118	FRA0715 11860V		GB	16x11												6		
				GEP-96	8x2														
				N-44b	1.5x1			x											
SUB-SUM										3,184.00	0	16.5	0	0	0				

SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN ATTACHMENT ASSEMBLY EACH				LUMINAIRE SUPPORT ASSEMBLY, TYPE II EACH		
56	7	120	FRA0715 12029	✓	GB	15 x 11													7	56		
					GEP-144	12 x 2																
					N-44b	1.5 x 1		x														
56	8	120	FRA0715 12007	✓	GB	16 x 9.5	x	x											8	56		
					GEP-108	9 x 2	x	x	*													
					N-44b	1.5 x 1		x														
57	1	26	FRA270E 02699	✓	(a) GG	17 x 9.5													1	57		
					(b) GE	21 x 9.5																
					GEP-84	7 x 2																
					N-44b	1.5 x 1		x														
	2	27	FRA270E 02713-Y	✓	(a) GE	19 x 11.5													2	57		
					(b) GE	22 x 6	x	x														
					N-43b	1.5 x 1		x				For Lighting Quantities See Sheet No. 33A.										
	3	27	FRA270E 02738	✓	(a) GB	15 x 9													3	57		
					GEP-84	7 x 2																
					(b) GG	15 x 7						Changed "South to East" Deleted "Gahanna"										
	4	27	FRA270E 02743-Y	✓	GE	19 x 9.5													4	57		
					N-43b	1.5 x 1		x														
6	27	FRA270W 02779	✓	(a) GG	17 x 9.5													6	57			
				GL Shield	17 x 1																	
				(b) GB	19 x 9.5																	
				GL Shield	19 x 1																	
				GEP-84	7 x 2																	
7	27	FRA270W 02738-M	✓	D-4E	9 x 3													7	57			
				GC	9 x 2																	
				N-43b	1.5 x 1		x															
8	27	FRA270W 02712	✓	GB	19 x 11													8	57			
				GEP-84	7 x 2																	
				N-44b	1.5 x 1		x															
9	4	FRA710N 00406	✓	GH-1	13 x 5.5													9	57			
				N-44b	1.5 x 1		x				Change "South" to "East" and "Gahanna" to "Wheeling"											
10	3	FRA710N 00399	✓	GH	14 x 7													10	57			
				N-44b	1.5 x 1		x				Change "Worthington" to "Indianapolis"											
11	3	FRA710N 00378	✓	GH-1	17 x 5.5													11	57			
				N-44b	1.5 x 1		x				Change "Worthington" to "Indianapolis"											
12	3	FRA710S 00358	✓	GH-1	17 x 5.5													12	57			
				N-44b	1.5 x 1		x				Change "Worthington" to "Indianapolis"											
13	3	FRA710S 00368	✓	GH	11 x 7													13	57			
				N-44b	1.5 x 1		x				Change "South" to "East" and "Gahanna" to "Wheeling"											
14	3	FRA710S 00385	✓	GH-1	13 x 5.5													14	57			
				N-44b	1.5 x 1		x				Change "South" to "East" and "Gahanna" to "Wheeling"											
58	1	28	FRA270E 02805	✓	(a) GG	17 x 9.5												1	58			
					JNF																	
					(b) GB	15 x 9.5																
					GEP-84	7 x 2																
SUB-SUM										2,638.00	284.00	22.5	0	1	1	1	3					

SUB SUMMARY

FRA - 270 - 00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.							
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH										
50	2	28	FRA 270E 02846	(a)	GG	17 x 9.5			x	161.50						III	2								
					(b)	GB	15 x 9.5			x	142.50														
						GEP-84	7 x 2																		
						N-44b	1.5 x 1	x				1.50													
50	3	28	FRA 270S 02876-Z		GE	18 x 7			x	126.00					III	3									
						N-43b	1.5 x 1	x				1.50													
50	4	28	FRA 270S 02887-Z		GG	15 x 7			x	105.00					III	4									
						N-43b	1.5 x 1	x				1.50													
50	5	28	FRA 270S 02895-K		D-4A	9 x 2			x	18.00					II										
						N-43b	1.5 x 1	x				1.50													
50	6	29	FRA 270N 02901		GE	18 x 7			x	126.00					III	6									
						GEP-84	7 x 2			x	14.00														
						N-44b	1.5 x 1	x				1.50													
50	7	28	FRA 270N 0287J		GB	19 x 9			x	171.00					III	7									
						GEP-84	7 x 2			x	14.00														
						N-44b	1.5 x 1	x				1.50													
50	8	28	FRA 270N 0287I-M		D-4A	9 x 2			x	18.00				II	8	50									
						N-43b	1.5 x 1	x				1.50													
50	9	28	FRA 270W 02821	(a)	GG	17 x 9.5			x	161.50					III	9									
					(b)	GL Shield	17 x 1			x	17.00														
						GB	18 x 9.5			x	180.50														
						GL Shield	19 x 1			x	19.00														
						GEP-84	7 x 2			x	14.00														
60	11	28	FRA 270W 02803		GC	18 x 4.5			x	81.00					I	11									
						N-44b	1.5 x 1	x				1.50													
					12	25	FRA 003N 02545		M-52B	12 x 5.5			x	66.00								III	12		
										N-44b	1.5 x 1	x							1.50						
					13	25	FRA 003S 02590		GH-1	16 x 5.5			x	88.00								III	13		
										N-44b	1.5 x 1	x							1.50						
					14	25	FRA 003S 02579		GH	11 x 7.5			x	82.50								III	14		
										N-44b	1.5 x 1	x							1.50						
					15	25	FRA 003S 02560		GH-1	13 x 5.5			x	71.50								II	15		
										N-44b	1.5 x 1	x							1.50						
					16	25	FRA 003N 02564		GH	15 x 5.5			x	82.50								III	16		
										N-44b	1.5 x 1	x							1.50						
					50	2	29	FRA 270S 02928		GB	18 x 11			x				198.00					III	2	
											GEP-132	11 x 2						x	22.00						
											N-44b	1.5 x 1	x							1.50					
					50	4	29	FRA 270S 02953		GB	14 x 4.5			x				63.00					III	4	
	GEP-96	8 x 2								x	16.00														
	N-44b	1.5 x 1	x									1.50													
50	5	29	FRA 270S 02980		GB	18 x 8.5			x	153.00					III	5	59								
						GL Shield	18 x 1			x	18.00														
						GEP-96	8 x 2			x	16.00														
						N-44b	1.5 x 1	x				1.50													
50	7	29	FRA 270N 02980		GB	15 x 9			x	135.00				III	7										
						GEP-84	7 x 2			x	14.00														
SUB - SUM										2408.50	0	27.00	0	0	0										

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				
59	9	29	FRA 270H 02935		GB	15 x 8											9	59	
					GEP-84	7 x 2													
					N-44b	1.5 x 1		x											
	11	31	FRA 270S 03134		GB	13 x 6												11	59
					GEP-84	7 x 2													
					N-44b	1.5 x 1		x											
13	31	FRA 270N 03153		GB	18 x 11												13	59	
				GEP-132	11 x 2														
				N-44b	1.5 x 1		x												
15	31	FRA 270H 03128		GB	14 x 4.5												15	59	
				GEP-96	8 x 2														
				N-44b	1.5 x 1		x												
16	31	FRA 270N 03102		GB	16 x 8.5												16	59	
				GL Shield	16 x 1														
				GEP-96	8 x 2														
				N-44b	1.5 x 1		x												
60	1	30	FRA 270S 03026	(a)	GG	12 x 7											1	60	
				(b)	GB	16 x 9													
					GEP-96	8 x 2													
				(c)	GE	21 x 7													
					GEP-96	8 x 2													
					N-44b	1.5 x 1		x											
2	30	FRA 270S 03052		GE	19 x 7												2	60	
				GEP-96	8 x 2														
				N-44b	1.5 x 1		x												
3	30	FRA 270S 03057		GE	8 x 5											3	60		
				N-44b	1.5 x 1		x												
4	30	FRA 270N 03081		(a)	GG	13 x 7											4	60	
				(b)	GB	18 x 9													
					GEP-96	8 x 2													
				(c)	GE	19 x 7													
					GEP-96	8 x 2													
					N-44b	1.5 x 1		x											
5	30	FRA 270H 03053		GE	21 x 7												5	60	
				GEP-96	8 x 2														
				GL Shield	21 x 1		x	x											
					N-44b	1.5 x 1		x											
6	30	FRA 270N 03046		GE	8 x 5											6	60		
				N-44b	1.5 x 1		x												
7	15	FRA 161E 01533		GH	12 x 8											7	60		
				N-44b	1.5 x 1		x												
8	15	FRA 161E 01553		(a)	GG	13 x 5.5										8	60		
				(b)	GH	12 x 7.5													
				(c)	GH-1	12 x 5.5													
					N-44b	1.5 x 1		x											
9	15	FRA 161E 01583		(a)	GG	13 x 5.5										9	60		
				(b)	GH	13 x 7													
				(c)	GE	15 x 5.5													
					N-44b	1.5 x 1		x											
10	16	FRA 161W 01610		(a)	GG	13 x 5.5										10	60		
				(b)	GH	12 x 7.5													
				(c)	GH-1	12 x 7.5													
					N-44b	1.5 x 1		x											
11	18	FRA 161W 01571		GH-1	12 x 5.5										11	60			
				N-44b	1.5 x 1		x												
SUB-SUM										2,825.00	21.00	24.00	0	0	1				

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				
61	1	31	FRA 2705 03171		GB	13x6											1		
					GEP-84	7x2													
					N-44b	1.5x1													
	3	32	FRA 2705 03206			GE	12x6											3	
						GEP-84	7x2												
						N-44b	1.5x1												
5	32	FRA 2705 03292			GB	13x6											5	61	
					GL Shield	13x1													
					GEP-84	7x2													
					N-44b	1.5x1													
6	32	FRA 2705 03255			GE	12x6											6		
					GL Shield	12x1													
					GEP-84	7x2													
					N-44b	1.5x1													
8	33	FRA 2705 03351			GB	13x6											8		
					GL Shield	13x1													
					GEP-84	7x2													
					N-44b	1.5x1													
62	1	32	FRA 2705 03214-N			D-4D	7x2										1		
						N-43b	1.5x1												
	2	32	FRA 2705 03296-H			D-4D	7x2										2		
						N-43b	1.5x1												
	3	4	MORSE 00498			M-52B	12x5.5										3		
						N-44b	1.5x1												
	4	5	MORSE 00510			GH-1	8x4										4	62	
						N-44b	1.5x1												
5	5	MORSE 00539			GH-1	8x5										5			
					N-44b	1.5x1													
7	5	MORSE 00539			GH-1	8x5										7			
					N-44b	1.5x1													
8	5	MORSE 00520			GH-1	7x5										8			
					N-44b	1.5x1													
63	1	33	FRA 2705 03396			GB	17x8										1		
						GL Shield	17x1												
						GEP-132	11x2												
	2	34	FRA 2705 03426			GB	15x11.5										2	63	
GEP-96						9x2													
N-44b						1.5x1													
4	34	FRA 2705 03437			W-54D	16x8										4			
					GL Shield	16x1													
					N-44b	1.5x1													
64	1	34	FRA 2705 03486	(a)		GG	15x7										1	64	
						GB	12x9.5												
						GEP-120	10x2												
						GE	18x9.5												
						GEP-120	10x2												
2	34	FRA 2705 03493			GF	8x5										2			
					N-44b	1.5x1													
SUB-SUM										1689.00	17.00	25.50	0	0	1				

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH				
64	3	35	FRA270S 03516		GE	15x7			x	Changed "North to East"	105.00							3	
					GEP-120	10x2			x		20.00								
						N-44b	1.5x1		x				1.50						
	4	35	FRA270S 03527		GF	8x5												4	
						N-44b	1.5x1		x					1.50					
	5	21	FRA270E 02103			GH	11x8											5	
	6	21	FRA062E 02141			GG	16x8											6	
						GH	10x8												
						GH-1	11x6												
						N-44b	1.5x1		x					1.50					
		7	21	FRA062E 02155	(a)	GG	16x8											7	
					(b)	GH-1	13x6												
						N-44b	1.5x1		x					1.50					
	8	21	FRA062E 02189		GN	6x3			x		18.00						8		
					N-44b	1.5x1			x										
64	9	21	FRA062W 02196	(a)	GG	12x6											9		
				(b)	GH	12x8					96.00								
				(c)	GH-1	15x6					90.00								
					N-44b	1.5x1			x					1.50					
	9A	21	FRA062W 02194		M-45	3.5x5											9A		
						N-44b	1.5x1			x									
														1.50					
	10	21	FRA062W 02170		GH	12x7						66.00					10		
						GH-1	11x6												
						N-44b	1.5x1			x									
		11	21	FRA062W 02153		GH	12x7											11	
						N-44b	1.5x1			x									
		12	21	FRA062W 02127	(a)	GG	16x8											12	
				(b)	GH	15x3													
					N-44b	1.5x1								1.50					
	13	21	FRA062W 02123		GF	6x5											13		
	14	21	FRA062W 02110-M		D-4B	8x4											14		
65	1	20	FRA062E 02068	(a)	GH	12x9.5											1		
				(b)	GH-1	15x5													
						N-44b	1.5x1								1.50				
	2	22	FRA062W 02249		GC	6x6											2		
						N-44b	1.5x1			x					1.50				
	3	22	FRA062W 02224		GH	12x8						96.00					3		
						N-44b	1.5x1			x					1.50				
4	9	STEL-N 00996		GH-1	7x6											4			
5	10	STEL-N 01006		GH-1	7x5											5			
6	10	STEL-S 01006		GH-1	7x5											6			
7	9	STEL-S 00986		GH-1	7x6											7			
SUB-SUM											491.00	0	19.50	0	0	0			

SUB SUMMARY

FRA - 270 - 00,00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			SIGNED PERMANENT OVERLAY SQ. FT.	SIGNED EXTRUSHEET SQ. FT.	SIGNED FLAT SHEET AS PER PLAN SQ. FT.	ITEM 630			MOUNTING BRACKET TYPE	REF. NO.	SH. NO.
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN				REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH			
66	1	35	FRA270N 03576-M	(a)	M-52B	11x8										1	66	
				(b)	GE	17x5												
					N-43b	1.5x1		x						1.50				III
	2	35	FRA270N 03567-M		D-4D	10x6										2	66	
					N-43b	1.5x1		x						1.50				I
	3	35	FRA270N 03566-M	(a)	GG	16x6										3	66	
(b)				GE	13x6													
				N-43b	1.5x1		x						1.50		III			
67	2	35	FRA270N 03595		GF	6x5									2	67		
					N-44b	1.5x1		x						1.50				I
	3	35	FRA270N 03590		GCA	11x5									3	67		
					GL Shield	11x1												
4	35	FRA270N 03585-M		GA	12x5		x	x							4	67		
				N-43b	1.5x1		x					60.00		1				I
67	6	36	FRA270S 03611		GB	17x11.5									6	67		
					GEP-108	9x2												
					N-44b	1.5x1		x						1.50				III
7	36	FRA270N 03603	(a)	GG	25x9.5										7	67		
			(b)	GE	18x11.5													
				GEP-108	9x2													
68	1	36	FRA270S 03664		GB	17x11.5									1	68		
					GEP-108	9x2												
					N-44b	1.5x1		x						1.50				III
	2	36	FRA270S 03678		GC	10x4.5									2	68		
					N-44b	1.5x1		x						1.50				I
	4	36	FRA270N 03669		GEP-84	7x2									4	68		
				GCA	14x6													
6	36	FRA270N 03645	(a)	GG	25x9.5									6	68			
			(b)	GB	18x11.5													
69	1	37	FRA270S 03705		GE	20x9.5									1	69		
					GEP-84	7x2												
					N-44b	1.5x1		x						1.50				III
2	37	FRA270S 03712		GF	6x5									2	69			
				N-44b	1.5x1		x						1.50				I	
3	37	FRA270S 03725-H		D-4B	9x4										3	69		
				D-4A	9x2													
				GC	6x2													
				N-43b	1.5x1		x						1.50				I	
70	1	20	FRA317N 02027		GH-1	15x6								1	70			
					GL Shield	1.5x1												
					N-44b	1.5x1		x								1.50		III
SUB-SUM										1811.00	60.00	24.00	0	1	0			

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
							REMOVE SIGN	RERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH						
70	2	20	FRA317S 02040	(a)	GG	11x8			x									2	70		
					GL Shield	11x1			x												
					(b)	GH	11x8			x											
						GL Shield	11x1			x											
					(c)	GH-1	15x6			x											
						GL Shield	15x1			x											
					N-44b	1.5x1		x				1.50									
71	1	20	FRA317S 02054		GH	12x9.5			x								1	71			
					N-44b	1.5x1		x													
72	1	19	FRA317N 01988		GH	12x9.5			x								1	72			
					GL Shield	12x1			x												
					N-44b	1.5x1		x								1.50					
	2	20	FRA317N 02001	(a)	GG	12x6			x									2	72		
					GL Shield	12x1			x												
					(b)	GH	12x8			x											
						GL Shield	12x1			x											
					(c)	GH-1	11x6			x											
						GL Shield	11x1			x											
						N-44b	1.5x1		x				1.50								
3	20	FRA317S 02018		GH-1	11x6			x									3	72			
				GL Shield	11x1			x													
				N-44b	1.5x1		x								1.50						
73	1	37	FRA270N 03765	(a)	GG	18x7			x								1	73			
					JNF			x													
					GL Shield	18x1			x												
					(b)	GB	18x11.5														
						GL Shield	18x1														
					(c)	GEP-84	7x2														
						GE	20x9.5			x											
										GL Shield	20x1		x								
										N-44b	1.5x1		x								
										GEP-84	7x2		x								
2	37	FRA270N 03761		GF	6x5			x									2	73			
				N-44b	1.5x1		x														
3	37	FRA270N 03748-M		D-4B	9x4			x									3	73			
				D-4A	9x2			x													
				GC	6x2			x													
				N-43b	1.5x1		x								1.50						
74	2	37	FRA270N 03794		GC	10x4.5			x								2	74			
					GEP-84	7x2			x												
					N-44b	1.5x1		x								1.50					
	4	38	FRA270S 03833		GB	13x9.5			x								4	74			
					GL Shield	13x1			x												
					GEP-132	11x2			x												
					N-44b	1.5x1		x								1.50					
	5	38	FRA270S 03887		GB	13x9.5			x								5	74			
					GL Shield	13x1			x												
					GEP-84	7x2			x												
					N-44b	1.5x1		x								1.50					
	6	38	FRA270N 03889		GC	15x6			x								6	74			
GL Shield					15x1			x													
N-44b					1.5x1		x								1.50						
SUB-SUM									1826.00	0	18	0	0	1							

SUB SUMMARY

FRA-270 - 0000

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH					
75	14	40	FRA 270N 04042		GB	19x11.5												14		
					GL Shield	19x1														
					GEP-84	7x2														
					N-44b	1.5x1		X						1.50						
	16	40	FRA 270N 04003	(a)	GC	25x9.5													16	
					GL Shield	25x1														
					(b)	GB	19x11.5													
					GL Shield	19x1														
					GEP-84	7x2														
					N-44b	1.5x1		X						1.50						
	18	7	FRA 016E 00777		GH	12x9.5												18	75	
					N-44b	1.5x1		X						1.50						
19	7	FRA 016E 00787	(a)	GC	9x8.5												19			
				(b)	GH	11x8.5														
				(c)	GH-1	14x8.5														
				N-44b	1.5x1		X						1.50							
20	8	FRA 016E 00830		GH-1	13x6												20			
				N-44b	1.5x1		X						1.50							
21	8	FRA 016W 00890		GH	12x9.5												21			
				N-44b	1.5x1		X						1.50							
22	8	FRA 016W 00864		GH	11x9.5												22			
				N-44b	1.5x1		X						1.50							
23	8	FRA 016W 00846	(a)	GC	16x8.5												23			
				(b)	GH-1	12x8.5														
				N-44b	1.5x1		X						1.50							
76	1	40	FRA 270S 04058		GC	12x5	X	X	X	For Ground Mounted Support Quantities See Sheet No. 33A.			60.00					1		
					GEP-36	8x2								16.00						
					N-44b	1.5x1		X						1.50						
	2	40	FRA 270S 04080	(a)	GC	17x9.5												2		
					(b)	GB	17x11.5													
					GEP-132	11x2														
					(c)	GB	17x11.5													
					GEP-132	11x2														
					N-44b	1.5x1		X						1.50						
	3	40	FRA 270S 04094		GE	13x11.5												3		
					GL Shield	13x1														
					GEP-36	8x2														
N-44b					1.5x1		X						1.50							
5	41	FRA 270S 04107	(a)	GC	14x9.5												5	76		
				GEP-132	11x2															
				(b)	GB	17x11.5														
				GEP-36	8x2															
				(c)	GE	16x9.5														
				GEP-36	8x2															
6	41	FRA 270S 04132		GE	20x9.5												6			
				GEP-36	8x2															
7	41	FRA 270S 04139		N-44b	1.5x1		X									7				
				GF	6x5															
SUB-SUM										3324.50	0	21.00	0	0	0					

SUB SUMMARY

FRA-270 - 00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SKINS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SKIN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH			
76	8	41	FRA270N 04162	(a)	GG	17x9.5				161.50							9	76
					GL Shield	17x1				17.00								
					GB	17x11.5				195.50								
					GL Shield	17x1				17.00								
					GEP-96	8x2				16.00								
					GE	20x11.5				230.00								
	9	41	FRA270N 04192		(c)	GL Shield	20x1				20.00						10	76
						N-44b	1.5x1											
						GEP-96	8x2				16.00			1.50				
						GL Shield	16x1				16.00							
						GEP-96	8x2				16.00							
						N-44b	1.5x1								1.50			
	10	41	FRA270N 04126			GF	6x5				30.00					11	76	
						N-44b	1.5x1								1.50			
	11	41	FRA270N 04110			GB	15x9.5				142.50					12	76	
						GL Shield	15x1				15.00							
						GEP-84	7x2				14.00							
						N-44b	1.5x1								1.50			
	12	21	FRA040E 02142			GH	12x6				72.00					13	76	
						N-44b	1.5x1								1.50			
13	21	FRA040E 02164		(a)	GH-1	10x8				80.00					14	76		
					GH-1	16x6				96.00								
					N-44b	1.5x1								1.50				
14	21	FRA040E 02191		(b)	GG	13x6				78.00					15	76		
					GH	15x6				90.00								
					N-44b	1.5x1								1.50				
15	22	FRA040W 02234			GH	12x6				72.00					16	76		
					N-44b	1.5x1								1.50				
16	22	FRA040W 02222		(a)	GG	9x6				54.00					17	76		
					GH	13x8				104.00								
					GH-1	12x8				96.00								
					N-44b	1.5x1								1.50				
17	22	FRA040W 02209			GH-1	15x6				90.00					18	76		
					N-44b	1.5x1								1.50				
18	22	FRA040W 02202			GH	13x8				104.00					19	76		
					N-44b	1.5x1								1.50				
19	21	FRA040W 02180		(a)	GG	10x6				60.00					20	76		
					GH-1	16x6				96.00								
					N-44b	1.5x1								1.50				
77	41	FRA270S 04175		(a)	GG	13x9.5				123.50					21	77		
					GB	14x9.5				133.00								
					GEP-96	8x2				16.00								
					GB	17x9.5				161.50								
					GEP-96	8x2				16.00								
					N-44b	1.5x1								1.50				
	41	FRA270N 04192		(b)	GG	17x9.5				161.50					22	77		
					GL Shield	17x1				17.00								
					GB	13x11.5				149.50								
					GL Shield	13x1				13.00								
41	FRA270N 04192		(c)	GEP-96	8x2				16.00					23	77			
				GB	17x11.5				195.50									
				GL Shield	17x1				17.00									
				GEP-96	8x2				16.00									
SUB-SUM									3186.00	0	21.00	0	0	0				

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.											
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GFD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GFD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH														
77	5	42	FRA 2705 04211	(a)	GG	13x9.5			x								5	77											
					GL Shield	13x1			x																				
								JNF			x																		
				(b)	GB	14x9.5			x																				
					GL Shield	14x9.5			x																				
								GEP-96	8x2			x																	
				(c)	GB	17x9.5			x																				
					GL Shield	17x1			x																				
								GEP-96	8x2			x																	
								N-44b	1.5x1			x			1.50														
77	6	42	FRA 2705 04217	(a)	GB	13x11.5			x								6	77											
					GL Shield	13x1			x																				
								GEP-96	8x2			x																	
				(b)	GB	17x11.5			x																				
					GL Shield	17x1			x																				
								GEP-96	8x2			x																	
								N-44b	1.5x1			x			1.50														
				78	1	42	FRA 2705 04246	(a)	GG	13x9.5			x										1	78					
									GB	14x9.5			x																
								GEP-96	8x2			x																	
(b)	GE	17x9.5							x																				
	GEP-96	8x2							x																				
								N-44b	1.5x1			x			1.50														
78	2	42	FRA 2705 04299						IM-8				x								2	78							
									IM-38			x																	
												IM-40				x													
								N-5-24				x																	
				(a)	GG	17x9.5			x																				
					GE	17x7			x																				
				(b)	GEP-96	8x2			x																				
					N-44b	1.5x1			x						1.50														
				78	2A	42	FRA 2705 04259		GF	8x5			x										2A	78					
N-44b	1.5x1								x																				
2B	GC	12x5							x																				
	GEP-96	8x2							x																				
								N-44b	1.5x1			x			1.50														
78	3	42	FRA 2705 04298					(a)	GB	17x11.5			x								3	78							
									GL Shield	17x1			x																
												GEP-144	12x2			x													
				(b)	GE	17x9.5			x																				
					GL Shield	17x1			x																				
								GEP-96	8x2			x																	
								N-44b	1.5x1			x			1.50														
				78	4	42	FRA 2705 04273	(a)	GE	17x11.5			x										4	78					
									GEP-132	11x2			x																
(b)	GE	16x7							x																				
	GEP-96	8x2							x																				
								N-44b	1.5x1			x			1.50														
78	5	43	FRA 2705 04344					(a)	GG	16x9.5			x								5	78							
									GL Shield	16x1			x																
								(b)	GB	17x11.5			x																
									GL Shield	17x1			x																
								GEP-144	12x2			x																	
				(c)	GB	14x9.5			x																				
					GL Shield	14x1			x																				
								GEP-96	8x2			x																	
								N-44b	1.5x1			x			1.50														
SUB-SUM										3,226.50	0	13.5	0	0	5														

SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	SH. NO.				
							REMOVE SIGN	REPLACE SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH								
78	6	43	FRA 270N 04316	(a)	GG	17x9.5				161.50									6				
					GL Shield	17x1				17.00													
				(b)	GE	17x11.5			195.50														
					GL Shield	17x1			17.00														
					GEP-144	12x2			24.00														
					GE	14x9.5			133.00														
					GL Shield	14x1			14.00														
(c)	GEP-96	8x2			16.00																		
	N-44b	1.5x1		*							1.50							III					
7	108	FRA 270E 10823	(a)	GG	17x9.5				161.50										7				
				GB	17x11.5			195.50															
			(b)	GEP-96	8x2			16.00													III		
				N-44b	1.5x1		*							1.50									
8	108	FRA 270E 10830		GF	8x5				40.00										8	II			
				N-44b	1.5x1		*						1.50										
8A	108	FRA 270E 10848-H	(a)	GG	17x9.5				161.50										8A				
				GE	17x7			119.00															
			(b)	N-43b	1.5x1		*						1.50						III				
9	108	FRA 270E 10849		GB	17x8				136.00										9	III			
				GEP-144	12x2			24.00															
				N-44b	1.5x1		*						1.50										
10	108	FRA 270E 10929		GB	17x8.5				144.50										10	III			
				GEP-144	12x2			24.00															
				N-44b	1.5x1		*						1.50										
78	11	FRA 270W 10920	(a)	GG	17x9.5				161.50										11				
				GB	16x9.5			132.00															
			(b)	GEP-108	9x2			18.00												III			
				GB	12x9.5			114.00															
				GEP-108	9x2			18.00															
(c)	N-44b	1.5x1		*						1.50													
12	109	FRA 270W 10914-Z	(a)	GB	16x9.5				132.00										12				
				GEP-102	9x2			18.00															
			(b)	GE	15x7			105.00															
				GEP-108	9x2			18.00															
(c)	N-43b	1.5x1		*						1.50													
13	109	FRA 270W 10910-Z		GF	9x5				45.00										13	II			
				N-43b	1.5x1		*						1.50										
14	108	FRA 270W 10887-Z	(a)	GG	13x9.5				123.50										14				
				GL Shield	13x1			13.00															
			(b)	GE	19x7			133.00															
				GL Shield	19x1			19.00															
				GEP-108	9x2			18.00															
(c)	N-43b	1.5x1		*						1.50													
15	108	FRA 270W 10867-Z		GF	9x5				45.00										15	II			
				N-43b	1.5x1		*						1.50										
16	108	FRA 270W 10853		GB	16x11				176.00										16	III			
				GL Shield	16x1			16.00															
				GEP-96	8x2			16.00															
				N-44b	1.5x1		*						1.50										
SUB-SUM									2,948.00	13.00	18.00	0	0	0									

SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			SIGNED PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH	SIGN ATTACHMENT ASSEMBLY EACH	LUMINAIRE SUPPORT ASSEMBLY, TYPE II EACH	MOUNTING BRACKET TYPE	REF. NO.	SH. NO.	
							REMOVE SIGN	RECT SIGN	OVERLAY SIGN												
80	6	46	FRA270N 04633-Y	(a)	GE	14 x 7			x	Changed "NORTH to WEST"	58.00								6		
					GL Shield	14 x 1			x		14.00										
				(b)	GE	16 x 7			x		112.00										
					GL Shield	16 x 1			x		16.00			1.50							
						N-43b	1.5 x 1		x												
	7	46	FRA270N 04608-Y	(a)	GG	22 x 7			x		154.00								7		
					GL Shield	22 x 1			x		22.00										
				(b)	GE	14 x 7			x	Changed "NORTH to WEST"	98.00										
					GL Shield	14 x 1			x		14.00			1.50							III
						N-43b	1.5 x 1		x												
	8	24	FRA033E 02434		GH	12 x 8		x	x	Changed "WEST to SOUTH"						1	1	2	8		
					GL Shield	12 x 1		x		For Lighting Quantities See Sheet No. 33 A.	96.00										
					N-44b	1.5 x 1		x		12.00											
9	24	FRA033E 02450	(a)	GG	11 x 5.5			x	Changed "SOUTH to EAST"	60.50								9			
				GL Shield	11 x 1			x		11.00											
			(b)	GH	12 x 7.5		x	x	For Lighting Quantities See Sheet No. 33 A.		90.00				1	1	2				
				GL Shield	12 x 1		x	x			12.00										
			(c)	GH-1	15 x 6		x	x	Changed "WEST to SOUTH"		90.00				1	1	2				
					GL Shield	15 x 1		x		15.00											
					N-44b	1.5 x 1		x													
10	24	FRA033E 02490		GH	14 x 7.5			x		105.00							10				
												1.50								II	
					N-44b	1.5 x 1		x													
11	25	FRA033W 02518		GH	15 x 7.5			x		112.50							11				
				GL Shield	15 x 1			x		15.00											
												1.50								III	
					N-44b	1.5 x 1		x													
12	24	FRA033W 02498	(a)	GG	11 x 7.5			x	Changed "NORTH to WEST"	82.50							12				
				GL Shield	11 x 1			x		11.00											
			(b)	GH	11 x 7.5			x	Changed "WEST to SOUTH"	82.50											
				GL Shield	11 x 1			x		11.00											
			(c)	GH-1	18 x 5.5			x		99.00											
					GL Shield	18 x 1		x		18.00											
					N-44b	1.5 x 1		x													
13	24	FRA033W 02478		GH-1	14 x 6			x	Changed "WEST to SOUTH"	84.00							13				
												1.50								III	
					N-44b	1.5 x 1		x													
14	24	FRA033W 02428		GH	13 x 5			x		65.00							14				
												1.50								II	
					N-44b	1.5 x 1		x													
15	24	FRA033E 02475		GH	13 x 6			x		78.00							15				
												1.50									
					N-44b	1.5 x 1		x													
81	3	46	FRA270N 04691	(a)	GG	17 x 9.5			x	161.50							3				
					GL Shield	17 x 1			x		17.00										
				(b)	GB	13 x 11.5			x		149.50										
					GL Shield	13 x 1			x				13.00								III
						N-44b	1.5 x 1		x												
						GEP-84	7 x 2		x	14.00											
	4	47	FRA270S 04741		GB	20 x 8			x	160.00								4			
					GEP-84	7 x 2			x		14.00										III
						N-44b	1.5 x 1		x												
	5	47	FRA270N 04741		GB	13 x 11			x	149.00								5	81		
					GL Shield	13 x 1			x		13.00										
				GEP-84	7 x 2			x		12.00											
												1.50								III	
					N-44b	1.5 x 1		x													
6	48	FRA270S 04829		GC	14 x 7			x	98.00								6				
				GEP-84	7 x 2			x		14.00										I	
					N-44b	1.5 x 1		x													
SUB-SUM										2,161.00	328.00	21.00	0	0	3	3	6				

SUB SUMMARY

FRA-270 - 0000

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.		
							REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRID MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRID MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH					
82	1	48	FRA2705 04853		GF	20x8				160.00								1		
					GEP-84	7x2				14.00										
					N-44b	1.5x1						1.50								III
	2	48	FRA2705 04868		GE	23x6				138.00								2		
					GEP-84	7x2				14.00										
					N-44b	1.5x1						1.50					III			
	3	48	FRA2705 04880-M		D-4A	8x2				16.00								3		
					D-4A	10x2				20.00										
					D-4E	10x3				30.00										
					N-43b	1.5x1						1.50				II				
	7	49	FRA270E 04950		GB	20x2.5				150.00								7		
					GEP-84	7x2				14.00										
					N-44b	1.5x1						1.50				III				
	8	49	FRA270E 04917		GE	23x6				138.00								8		
					GEP-84	7x2				14.00										
N-44b					1.5x1						1.50				III					
9	49	FRA 270E 04906-H		D-4A	8x2				16.00								9	82		
				D-4A	10x2				20.00											
				D-4A	10x3				30.00											
				N-43b	1.5x1						1.50				II					
10	2	ALUM-N 00293	(a)	GH	12x7.5				80.00								10			
				(b)	GH-1	15x5.5				71.50										
				N-44b	1.5x1						1.50				III					
11	3	ALUM-N 00320		GH-1	15x5.5				82.50								11			
				N-44b	1.5x1						1.50				II					
12	3	ALUM-S 00390		M-52B	12x5.5				66.00								12			
				N-44b	1.5x1						1.50				III					
13	3	ALUM-S 00329		D-4A	11x2				22.00								13			
				N-44b	1.5x1						1.50				II					
14	3	ALUM-S 00312		GH-1	12x5.5				66.00								14			
				N-44b	1.5x1						1.50				I					
15	2	ALUM-S 00295		M-54	5x4				20.00								15			
				N-44b	1.5x1						1.50				I					
83	1	49	FRA270E 04972		GC	14x7				38.00							1			
					GEP-84	7x2				14.00										
					N-44b	1.5x1						1.50				III				
2	50	FRA270E 05012		GB	20x8				160.00								2	83		
				GL Shield	20x1				20.00											
				N-44b	1.5x1						1.50				III					
1	51	FRA270W 05150		GB	14x11				154.00								1			
				GL Shield	14x1				14.00											
				GEP-132	11x2				22.00											
2	51	FRA270W 05174		N-44b	1.5x1						1.50						2	84		
				GC	14x4.5				63.00											
				GEP-96	8x2				16.00											
3	51	FRA270W 05193		N-44b	1.5x1						1.50						3			
				GB	12x8.5				102.00											
				GEP-96	8x2				16.00											
SUB-SUM									1,885.00	0	25.50	0	0	0						

SUB SUMMARY

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630							MOUNTING BRACKET TYPE	REF. NO.	S/L NO.						
							REMOVE SIGN	RECT SIGN	OVERLAY SIGN	SIGNS PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH										
85	1	52	FRA270W 05246		IM-8														1						
					IM-40																				
						M-5-24																			
					(a)	GG	17x9.5																		
					(b)	GB	14x9.5																		
						GEP-36	8x2																		
					(c)	GE	15x7																		
						GEP-36	8x2																		
						N-44b	1.5x1		*												III				
		2	52	FRA270W 05263	(a)	GG	17x9.5															2			
					(b)	GB	14x9.5																		
						GEP-36	8x2																		
						N-44b	1.5x1																		
	3	52	FRA270W 05277		GE	17x11																3			
					GEP-36	8x2																			
					N-44b	1.5x1				*														III	
	4	52	FRA270E 05296-Y		GG	15x7																4			
					GE	17x7																			
					N-43b	1.5x1				*														III	
	5	52	FRA270E 05298-Y		GC	10x2																5			
					N-43b	1.5x1				*														I	
	6	52	FRA270E 05268-Y	(a)	GG	14x7																6			
					(b)	GE	15x7																	III	
					N-43b	1.5x1				*															
	7	52	FRA270E 05267-J	(a)	GE	16x5.5																7			
					(b)	GE	13x6																	III	
					N-43b	1.5x1				*															
	8	53	FRA270E 05314	(a)	GG	17x9.5																8			
					(b)	GB	18x9.5																		
						GEP-84	7x2																		
					(c)	GB	14x9.5																		
						GEP-84	7x2																		
					N-44b	1.5x1			*													III			
	9	4	FRA023H 00462		GH-1	12x16																9			
					N-44b	1.5x1			*														II		
	10	4	FRA023H 00475		GH-1	15x7.5																	10		
					N-44b	1.5x1			*														III		
	11	5	FRA0235 00540		GH-1	12x7.5																	11		
					N-44b	1.5x1			*														II		
	12	5	FRA0235 00528	(a)	GH	11x7.5																	12		
					(b)	GH-1	18x5.5																		III
					N-44b	1.5x1			*																
	13	5	FRA0235 00505		GH-1	11x5.5																	13		
								N-44b	1.5x1			*													
	2	53	FRA270W 05368		GB	14x12																	2		
						GEP-84	7x2																		
								N-44b	1.5x1			*													
	4	53	FRA270E 05370		GC	14x4.5																	4		
							GEP-84	7x2																	
								N-44b	1.5x1			*													
	SUB-SUM									2,833.00	0	22.50	0	0	3										

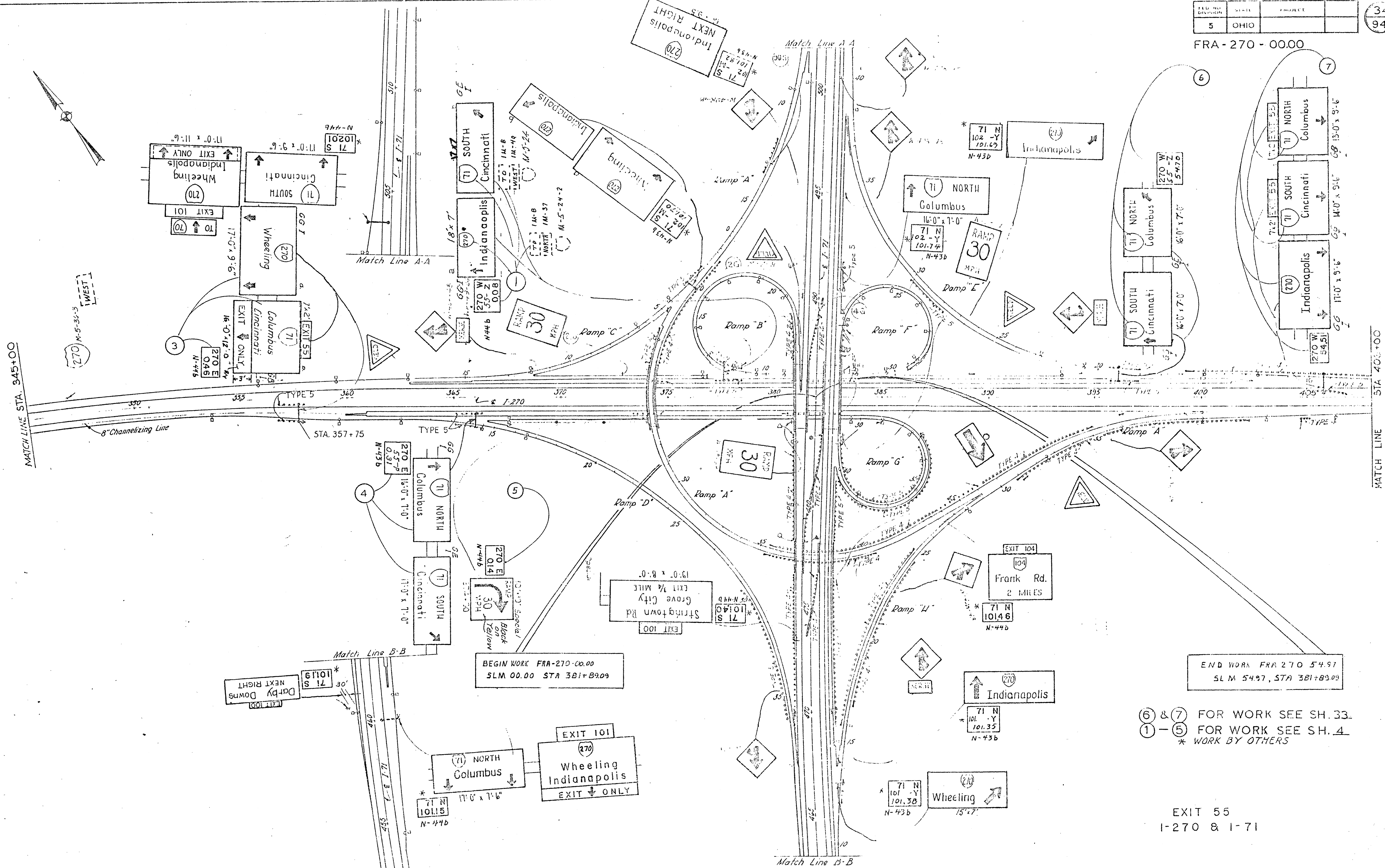
SUB SUMMARY

FRA-270-00.00

SH. NO.	REF. NO.	MILE	STRUCTURE NO.	SIGN CODE	SIGN SIZE FT. X FT.	WORK REQUIRED			ITEM 630						MOUNTING BRACKET TYPE	REF. NO.	SH. NO.			
						REMOVE SIGN	ERECT SIGN	OVERLAY SIGN	SIGN PERMANENT OVERLAY SQ. FT.	SIGNS EXTRUSHEET SQ. FT.	SIGNS FLAT SHEET AS PER PLAN SQ. FT.	REMOVAL GRD. MOUNTED SIGN AS PER PLAN EACH	REMOVAL GRD. MOUNTED MAJOR SIGN AS PER PLAN EACH	REMOVAL OVERHEAD MTD. SIGN AS PER PLAN EACH						
86	5	53	FRA270E 05335	GB	14x12			x	168.00							5	86			
				GLShield	14x1						14.00									
				GEP-84	7x2						14.00									
					N-44b	1.5x1		x			1.50									
	6	54	FRA 270W 05421	GB	14x12				x	168.00								6	86	
				GEP-84	7x2						14.00									
				N-44b	1.5x1		x					1.50								
	9	54	FRA270E 05414	GB	14x12				x	168.00								9		86
				GEP-84	7x2						14.00									
N-44b				1.5x1		x					1.50									
34	6	54	FRA270W 05470-2	(a)	GB	16x7			x	112.00						6	34			
				(b)	GE	16x7					x	112.00								
					N-43b	1.5x1		x			1.50									
	7	54	FRA270W 05451	(a)	GG	17x9.5				x	161.50							7	34	
				(b)	GG	14x9.5						x	133.00							
					GEP-84	7x2						x	14.00							
(c)				GB	13x9.5						x	123.50								
				GEP-84	7x2				x	14.00										
				N-44b	1.5x1		x			1.50										
SUB-SUM									1,230.00	0	7.50	0	0	0						

66	78	275
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FRA-270-00.00



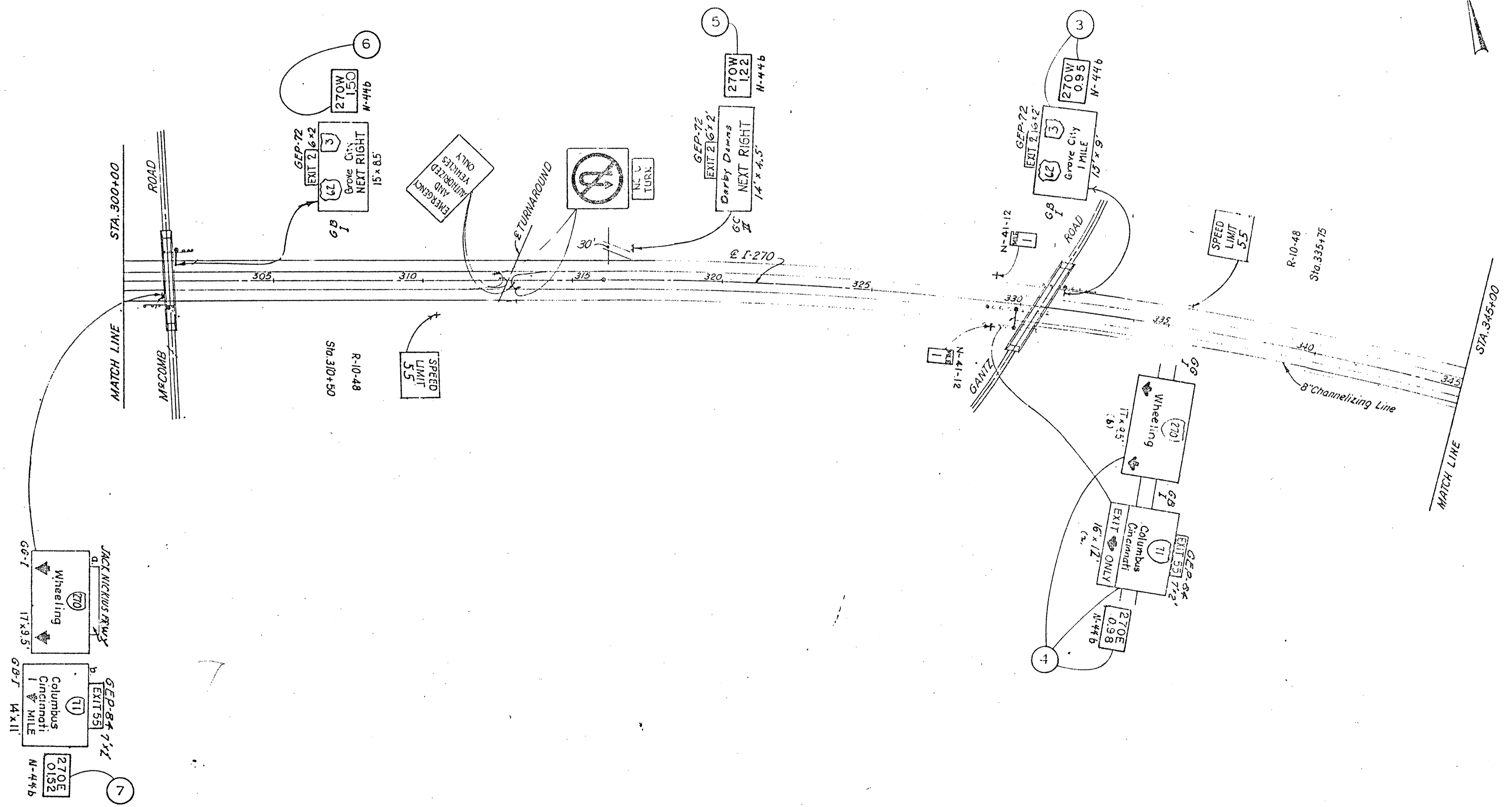
BEGIN WORK FRA-270-00.00
SLM 00.00 STA 381+89.09

END WORK FRA 270 54.97
SLM 54.97, STA 381+89.09

⑥ & ⑦ FOR WORK SEE SH. 33.
① - ⑤ FOR WORK SEE SH. 4
* WORK BY OTHERS

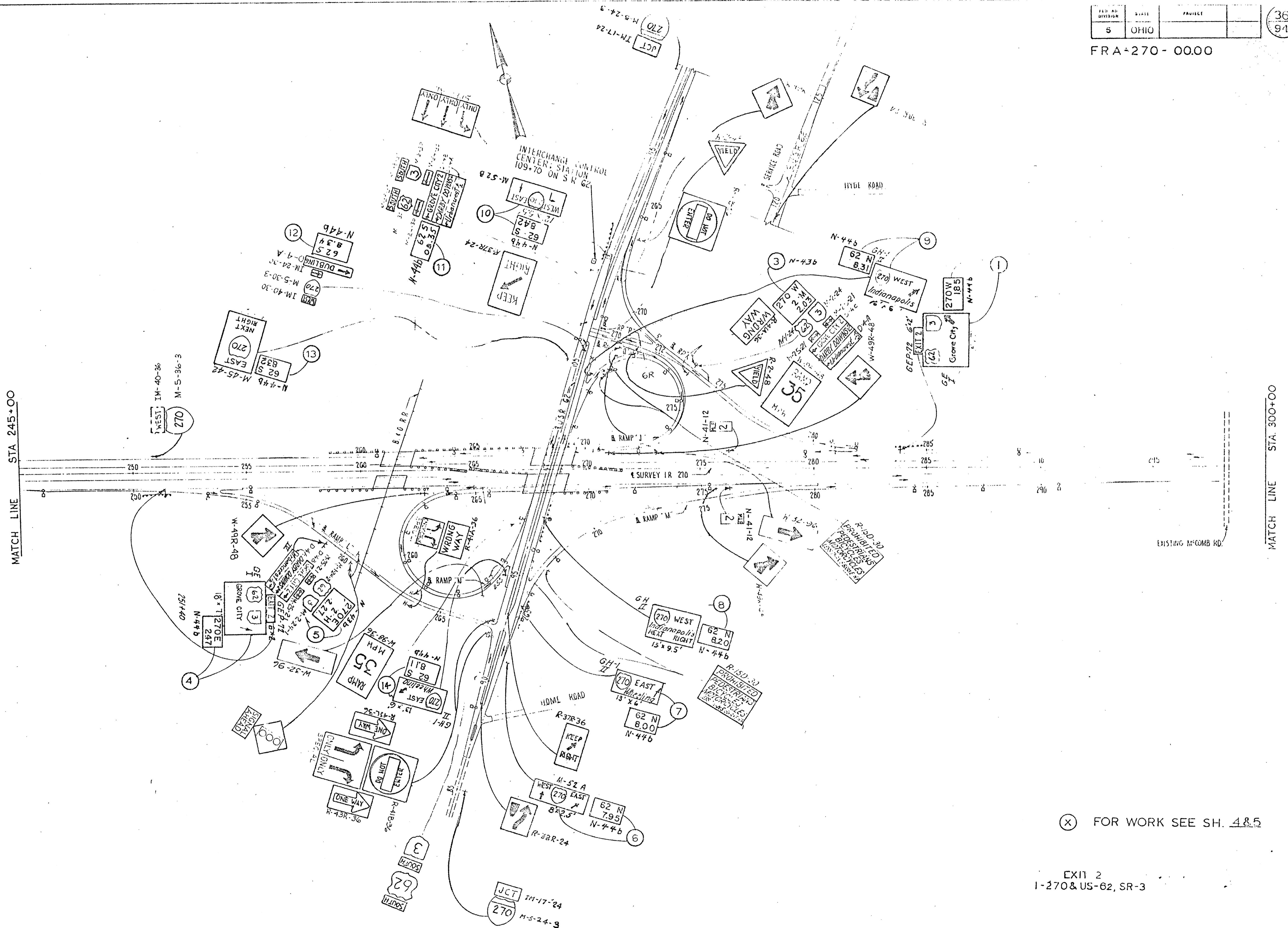
EXIT 55
I-270 & I-71

FRA-270 - 00.00



(X) FOR WORK SEE SH. 4

FRA-270-00.00



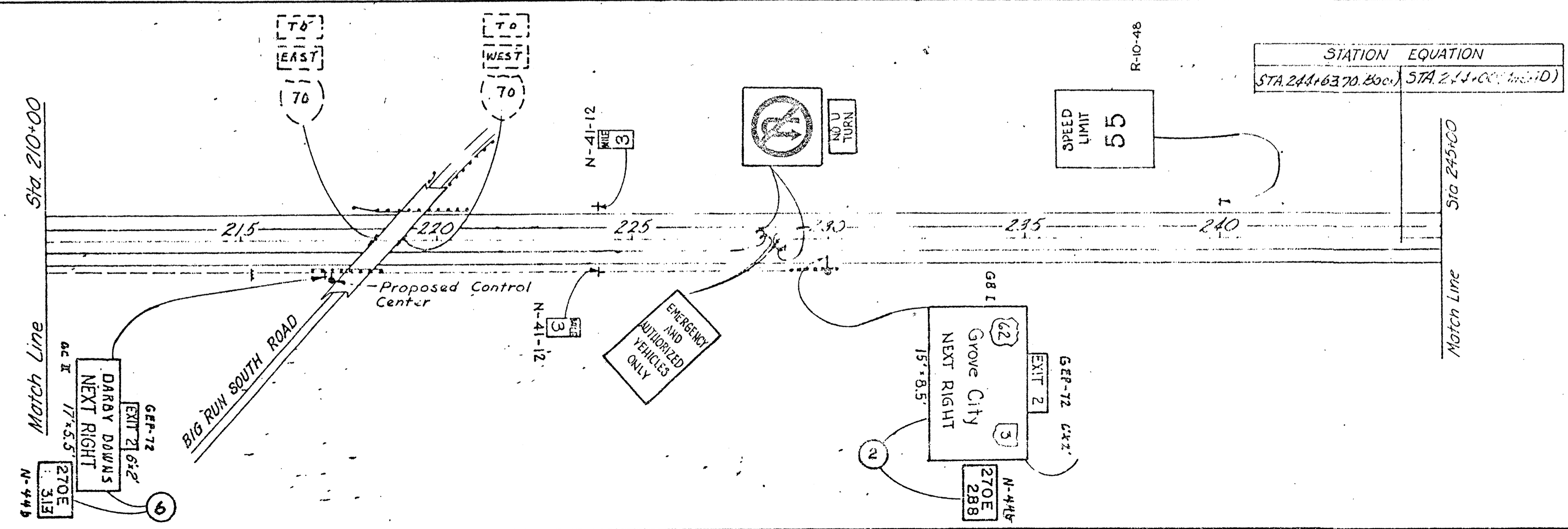
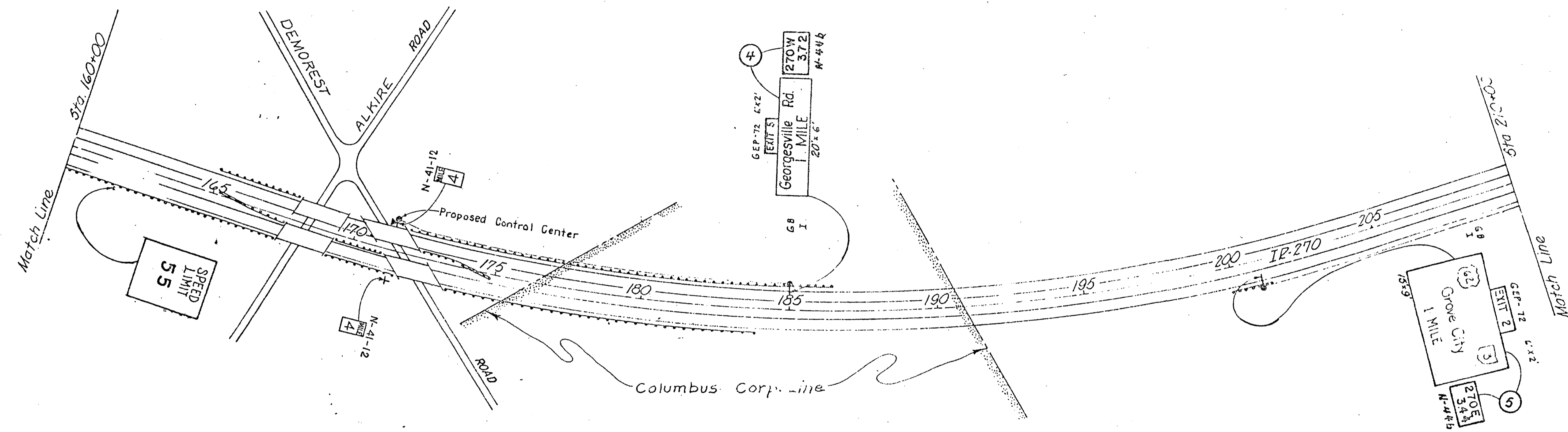
(X) FOR WORK SEE SH. 4&5

EXIT 2
I-270 & US-62, SR-3

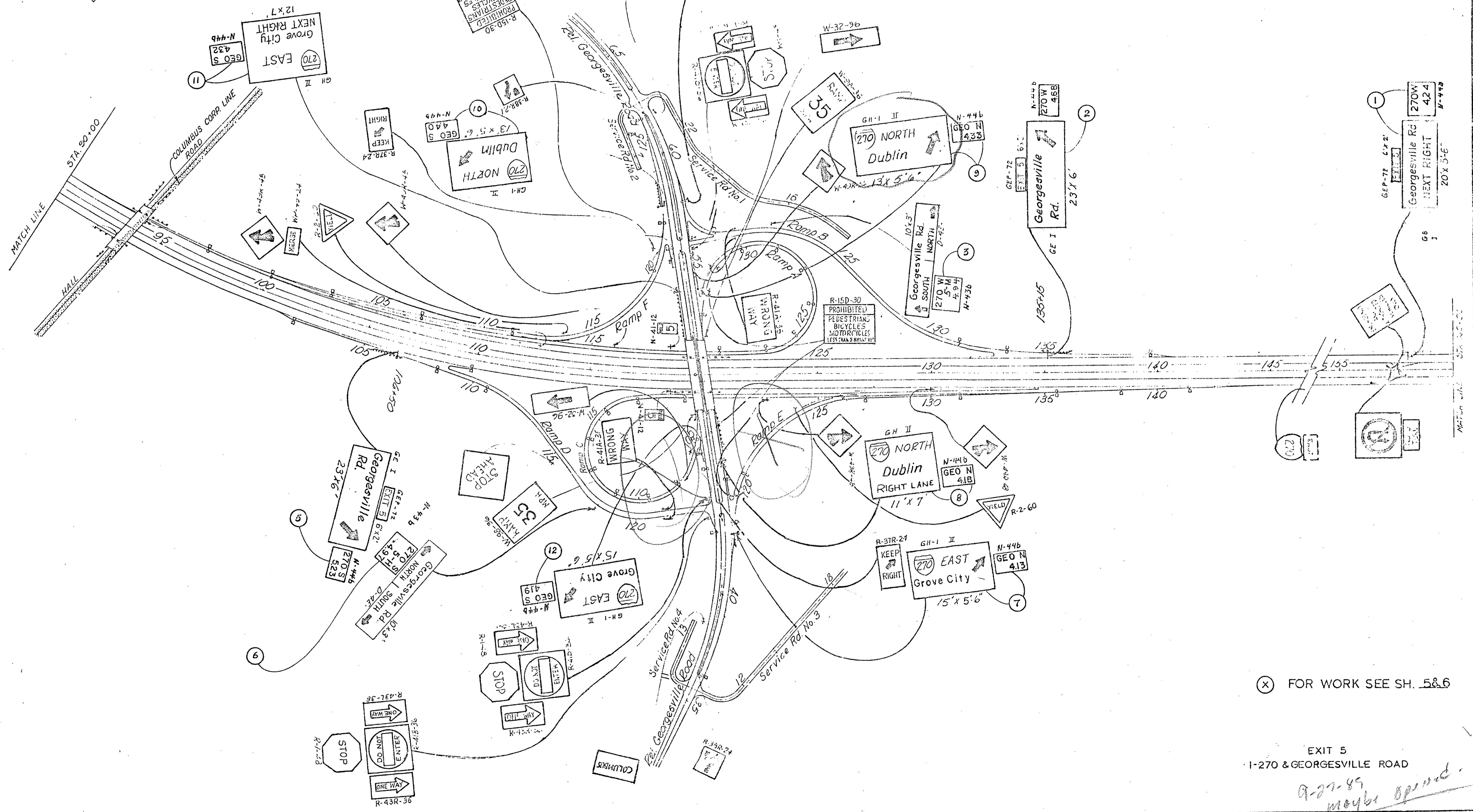
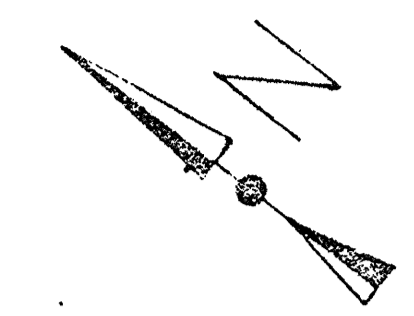
FED. NO. DIVISION	STATE	PROJECT
5	OHIO	

37
94

FRA-270-00.00



(X) FOR WORK SEE SH. 5



(X) FOR WORK SEE SH. 5&6

EXIT 5
I-270 & GEORGESVILLE ROAD

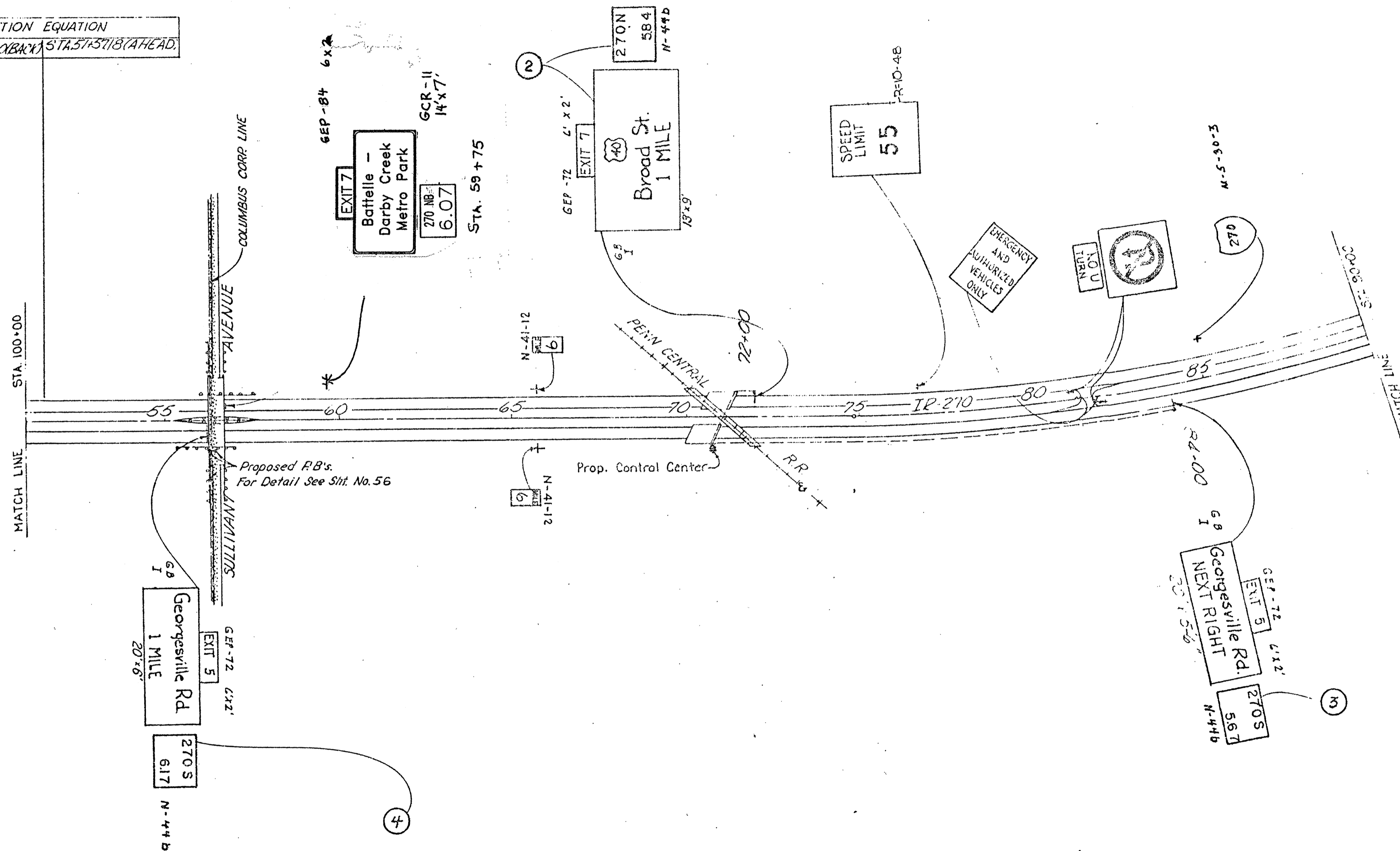
*9-27-89
maybe opened.*

FED. RD. DIVISION	STATE	PROJECT
5	OHIO	

39
94

FRA-270-00.00

STATION EQUATION
STA 100+50.00 (BACK) STA 51+57.18 (AHEAD)



(X) FOR WORK SEE SH. 6

FRA-270-00.00

SPEED LIMIT 55
R-10-48

STA. 100+00
MATCH LINE

R-125-36
NO U TURN

NO U TURN
AHEAD
CONSPICUOUS

SEP-72
EXIT 7
BROAD ST.
NEXT RIGHT
13+85'

N-44b
40 W
270 N
6+7'

W-49R-4E

RAMP
20 MPH

WRONG WAY

DO NOT ENTER

NORTH
270
Dublin
11' x 8'

JUNCTION
270
1/4 MILE
8' x 7'

N-44b
40 W
6+6'

N-44b
40 W
6+29'

N-44b
40 W
6+32'

EXIT 7
I-270 & US-40 (W. BROAD ST.)

(X) FOR WORK SEE SH. 6&7

CONTROL CENTER

Cleveland
270
14'-5.5'

Indianapolis
Columbus
1/2 MILE
15' x 11.5'

South
270
Grove City
14'-5.5'

North
270
Dublin
15' x 5.5'

Brook St.
270 S
7+29'

Brook St.
270 S
7+03'

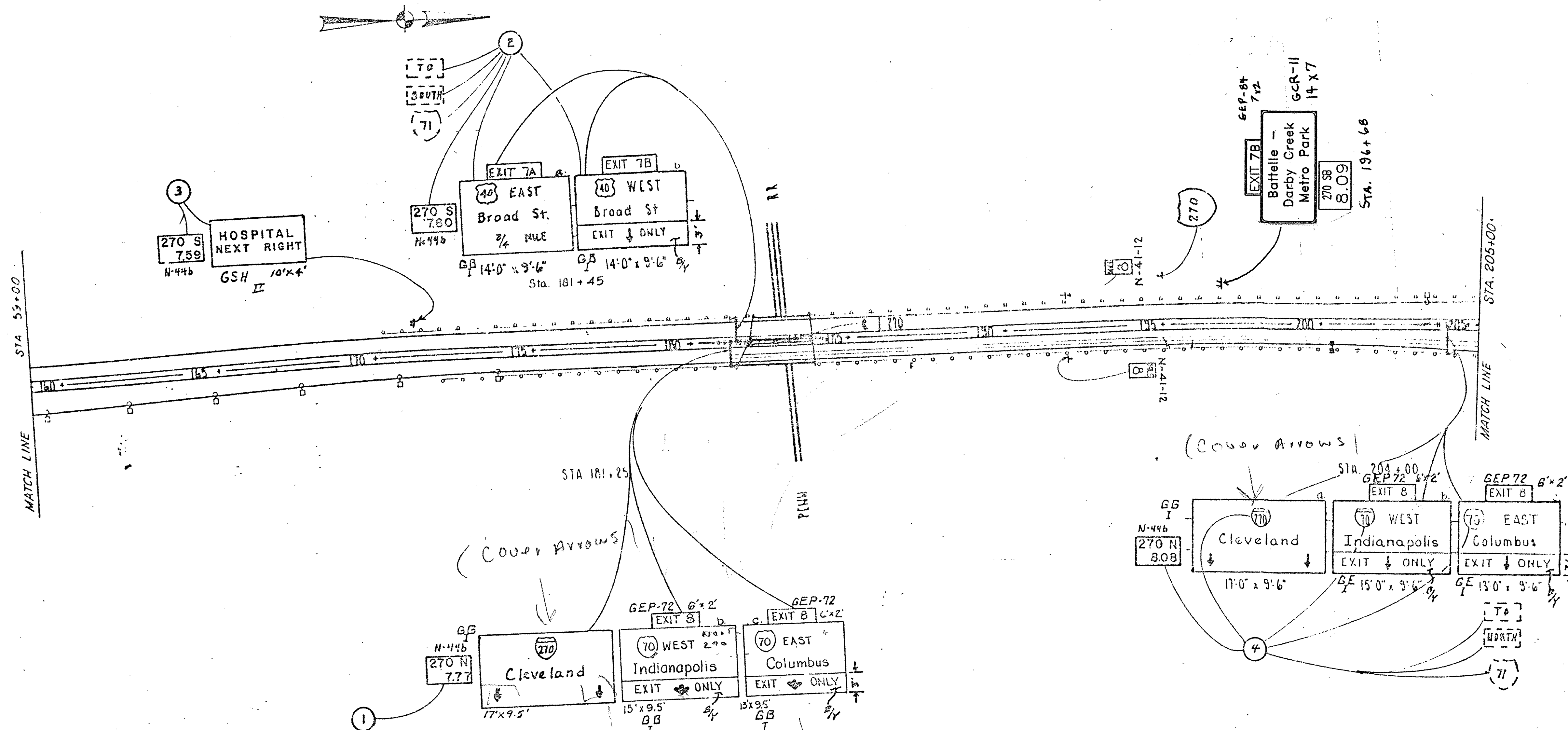
Cincinnati
6' x 9.5'

COLUMBIAN AVENUES

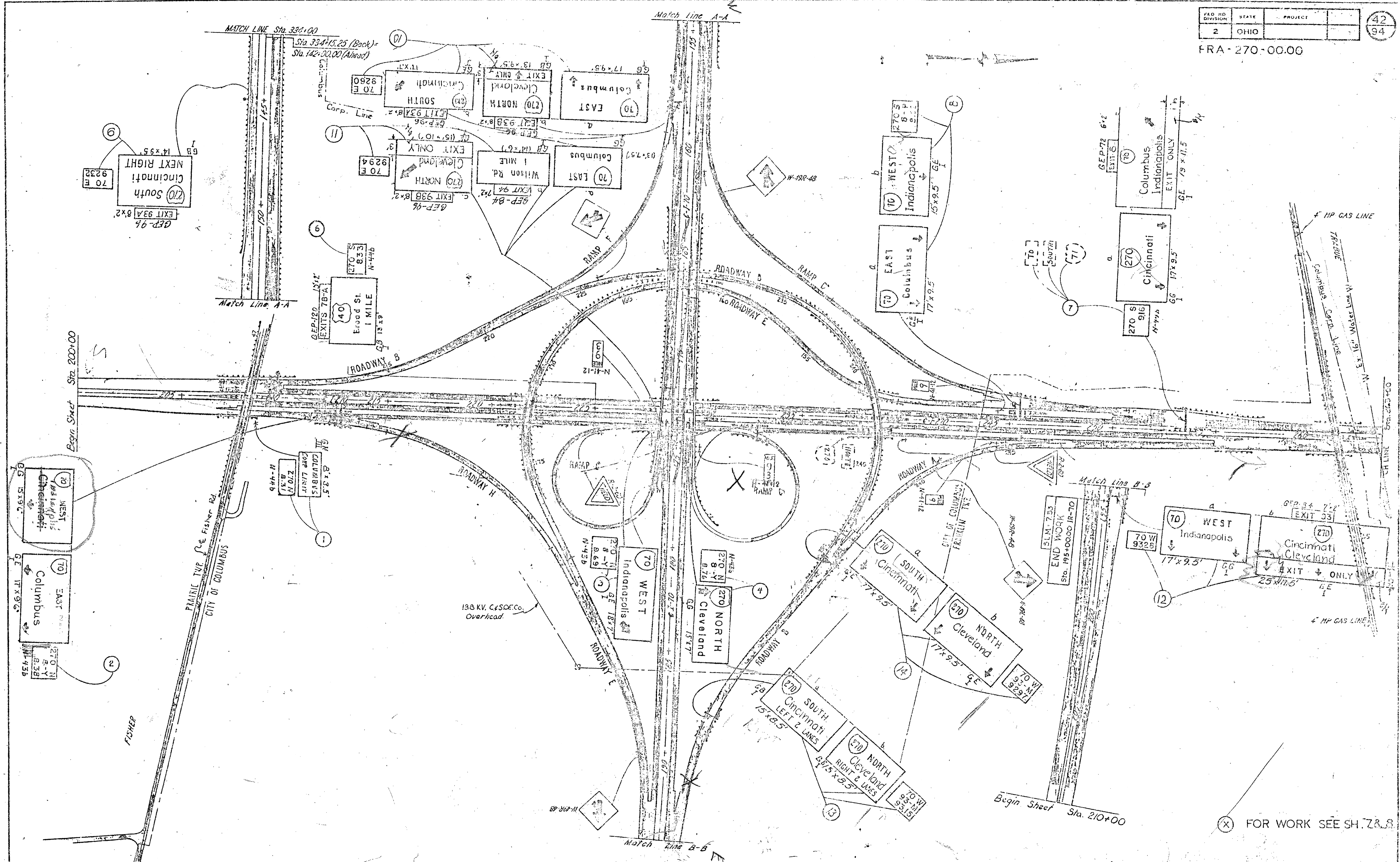
FED. RD. DIVISION	STATE	PROJECT
5	OHIO	

41
94

FRA 270-0000



(X) FOR WORK SEE SH. 7

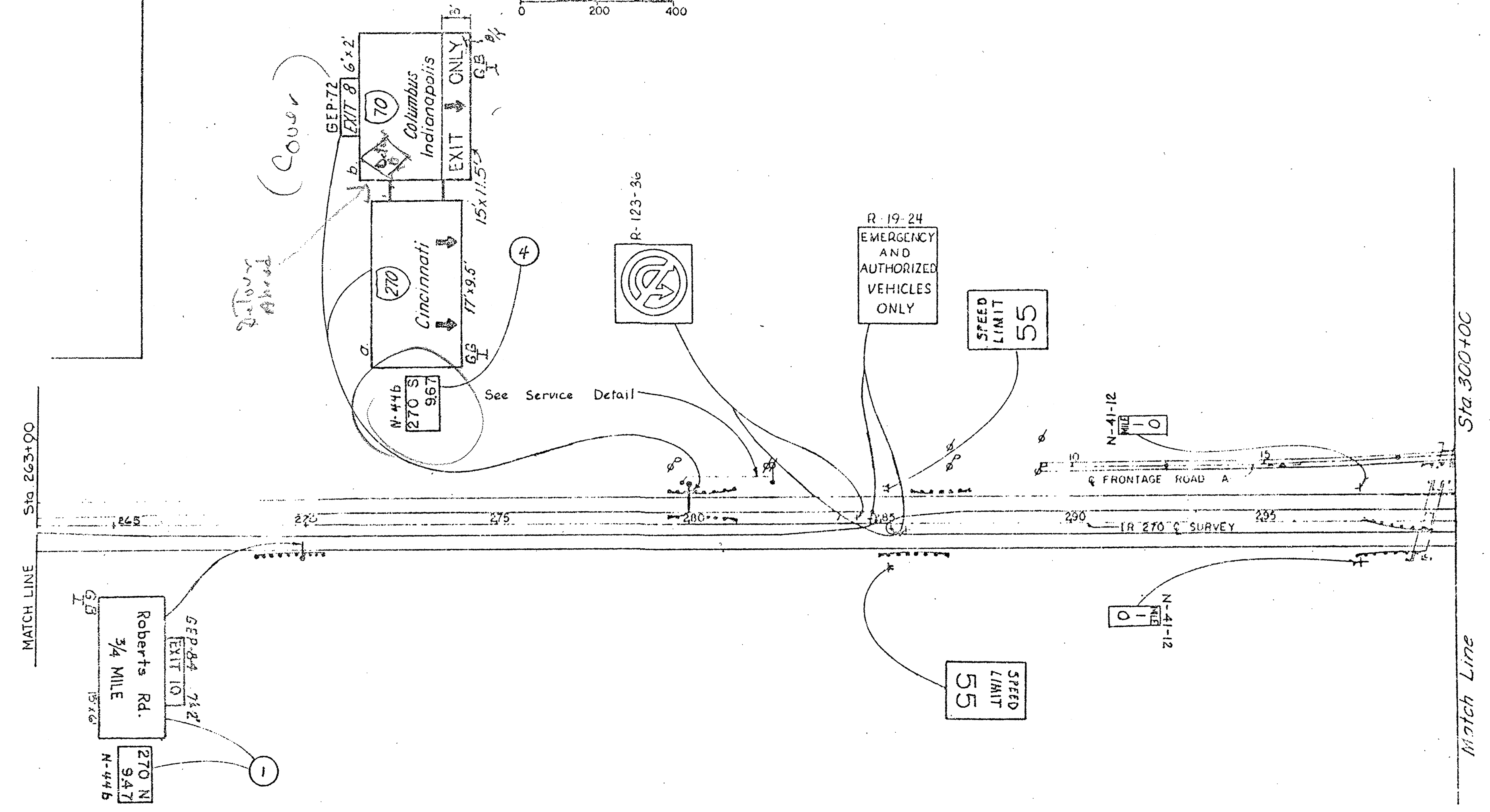
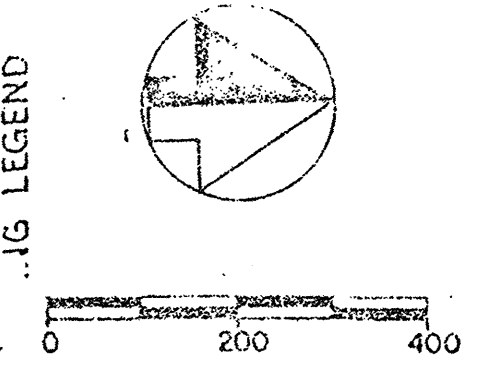
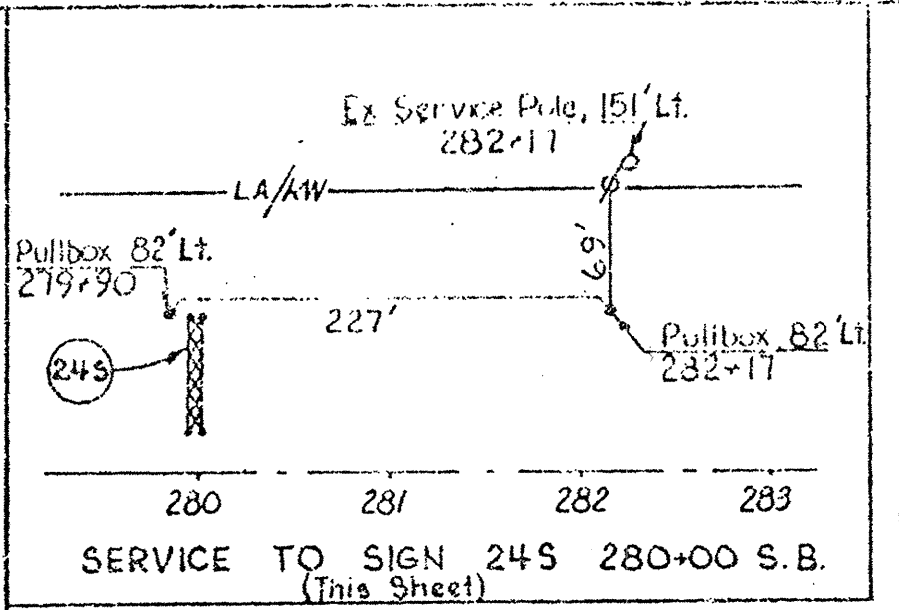


(X) FOR WORK SEE SH. 7&8

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

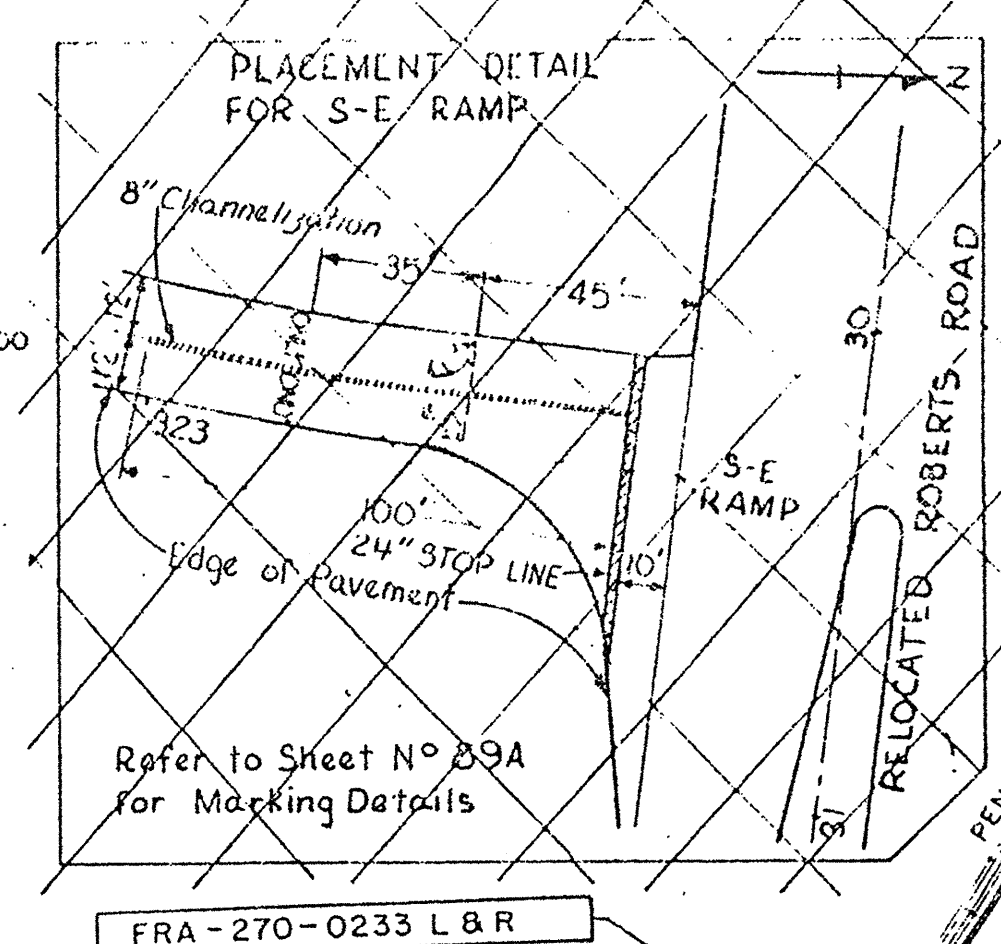
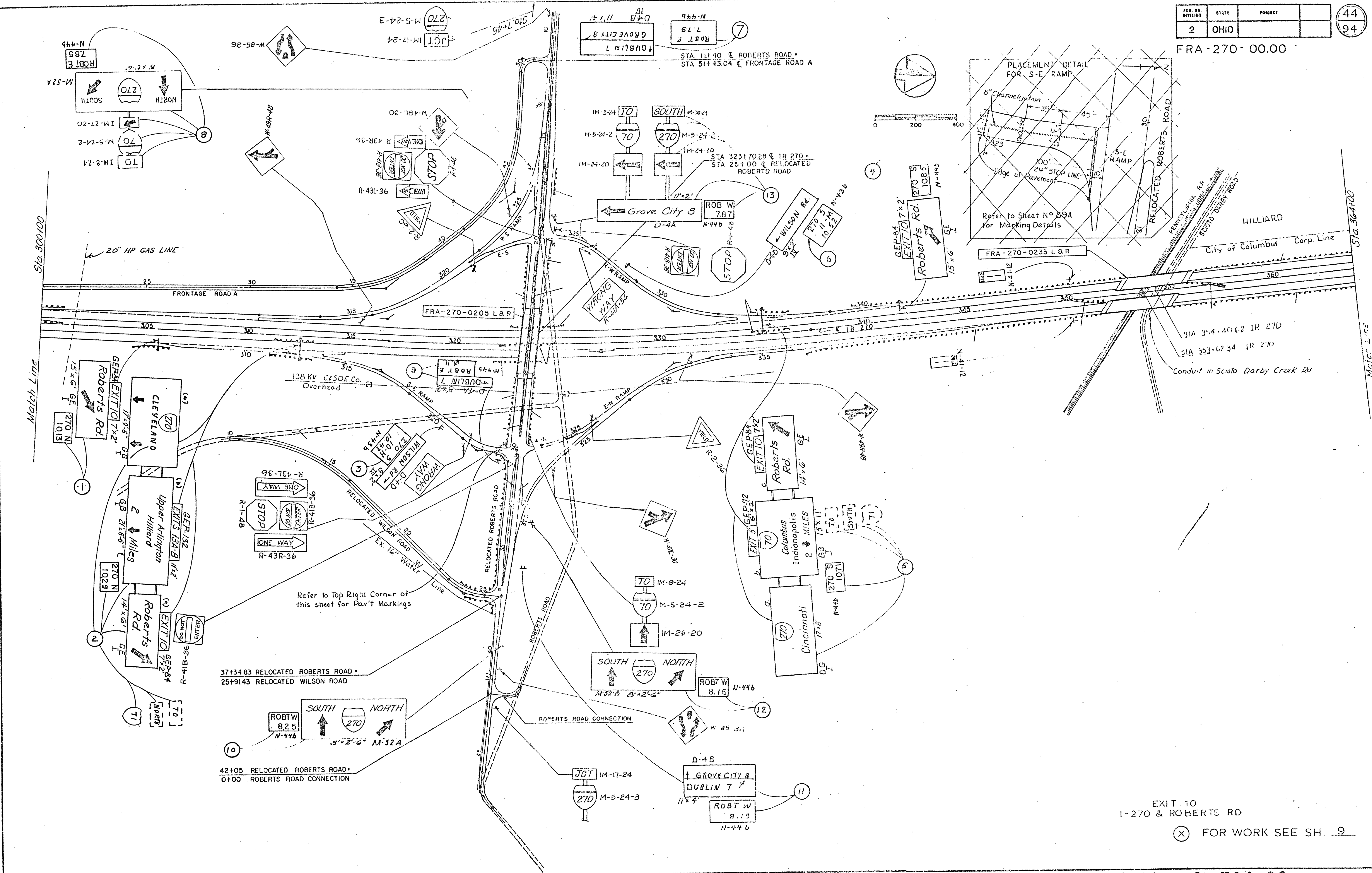
43
94

FRA-270-0000



(X) FOR WORK SEE SH. 8&9

FRA-270-00.00



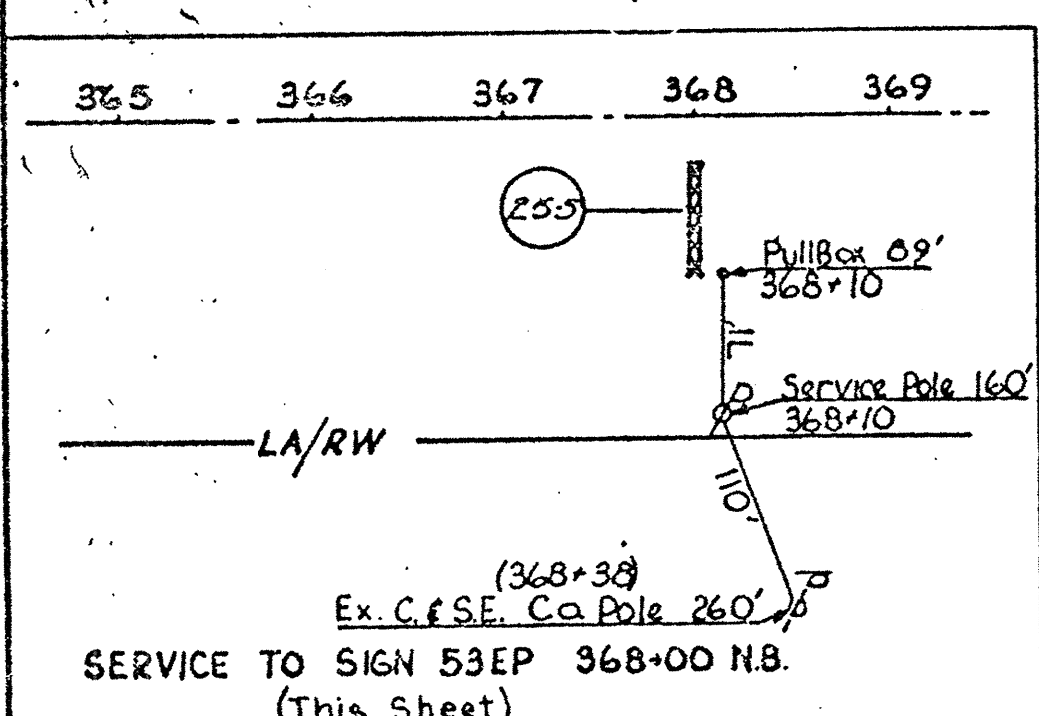
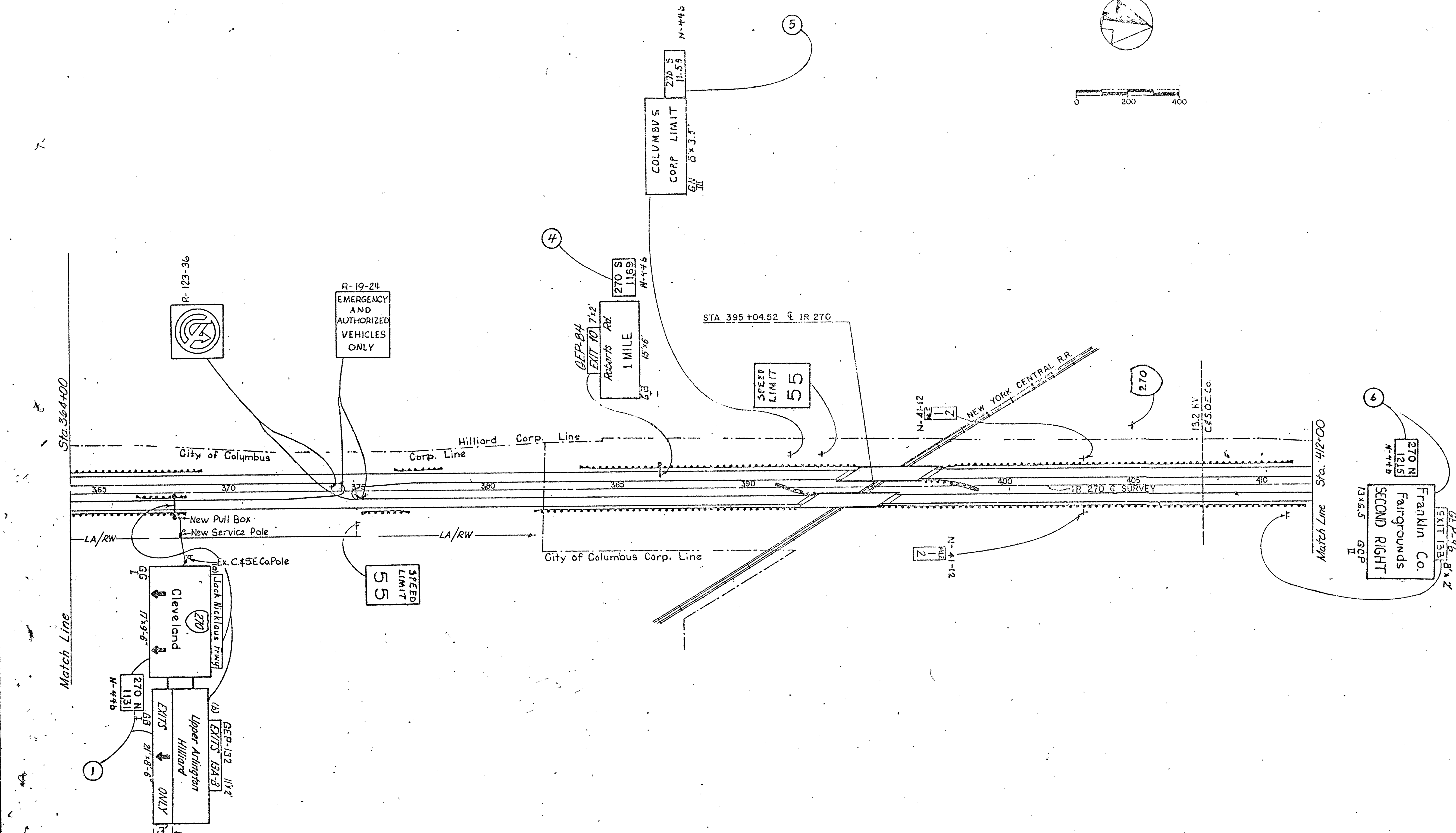
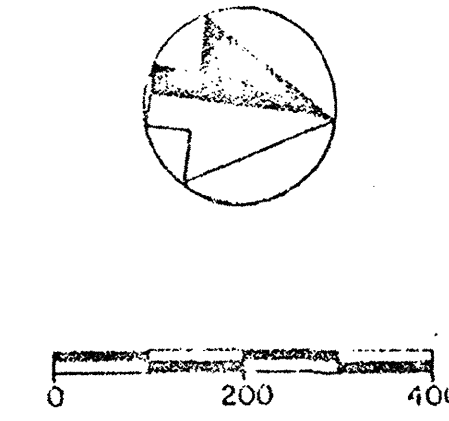
EXIT 10
 I-270 & ROBERTS RD
 (X) FOR WORK SEE SH. 9

IR-270 Sta 300+00 to Sta 364+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

45
94

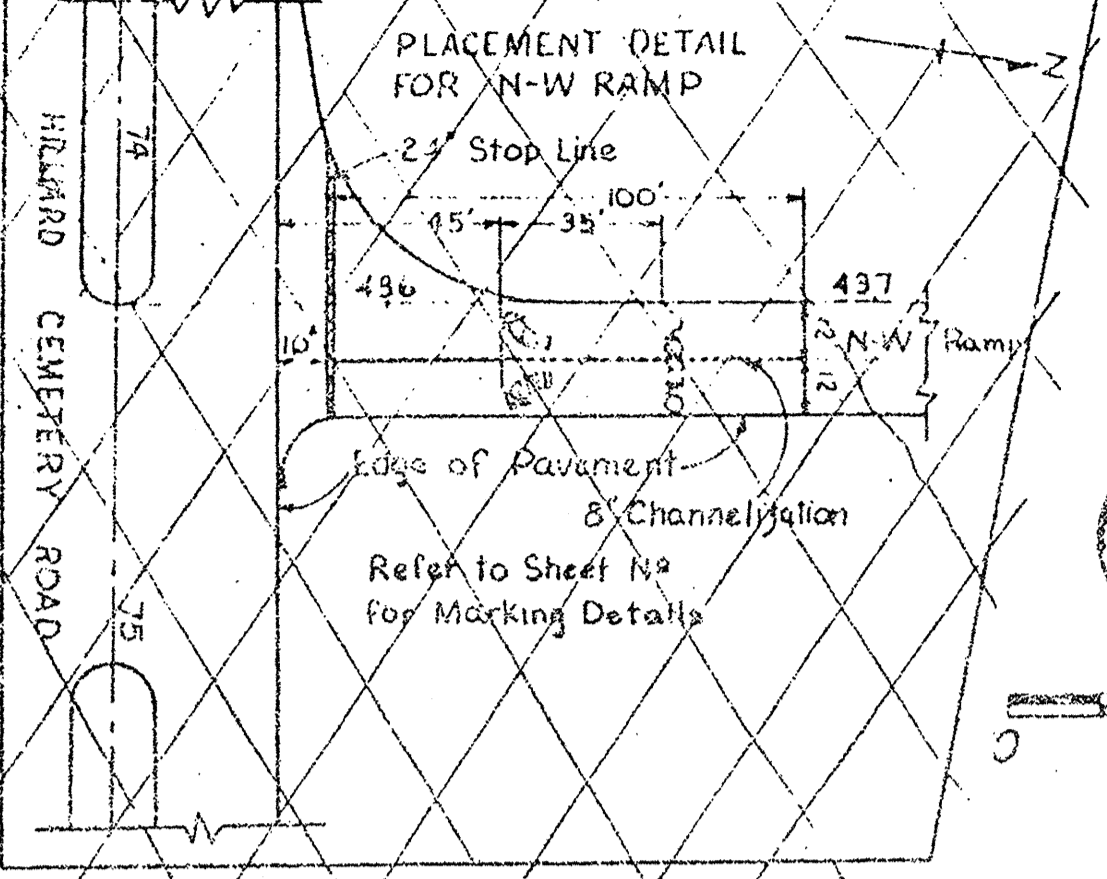
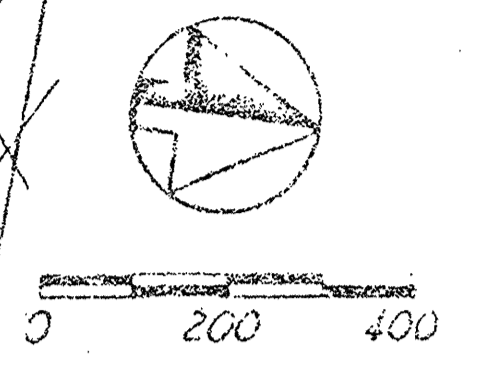
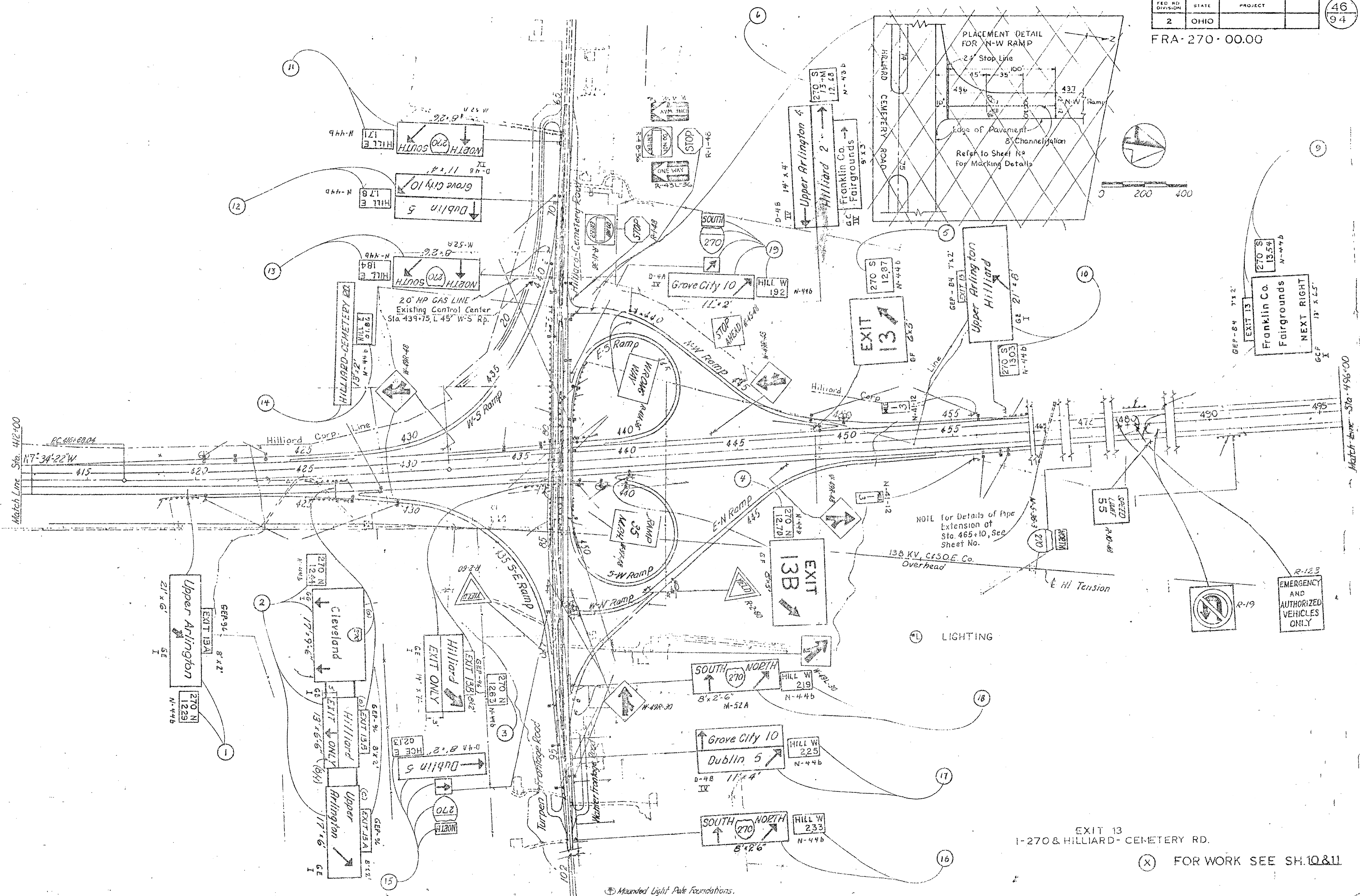
FRA-270-00.00



(X) FOR WORK SEE SH. 10

IR-270 Sta 364+00 to Sta 412+00

FRA-270-00.00



NOIL for Details of Pipe Extension at Sta. 465+10, See Sheet No.

138 KV, CESOE Co. Overhead

LIGHTING

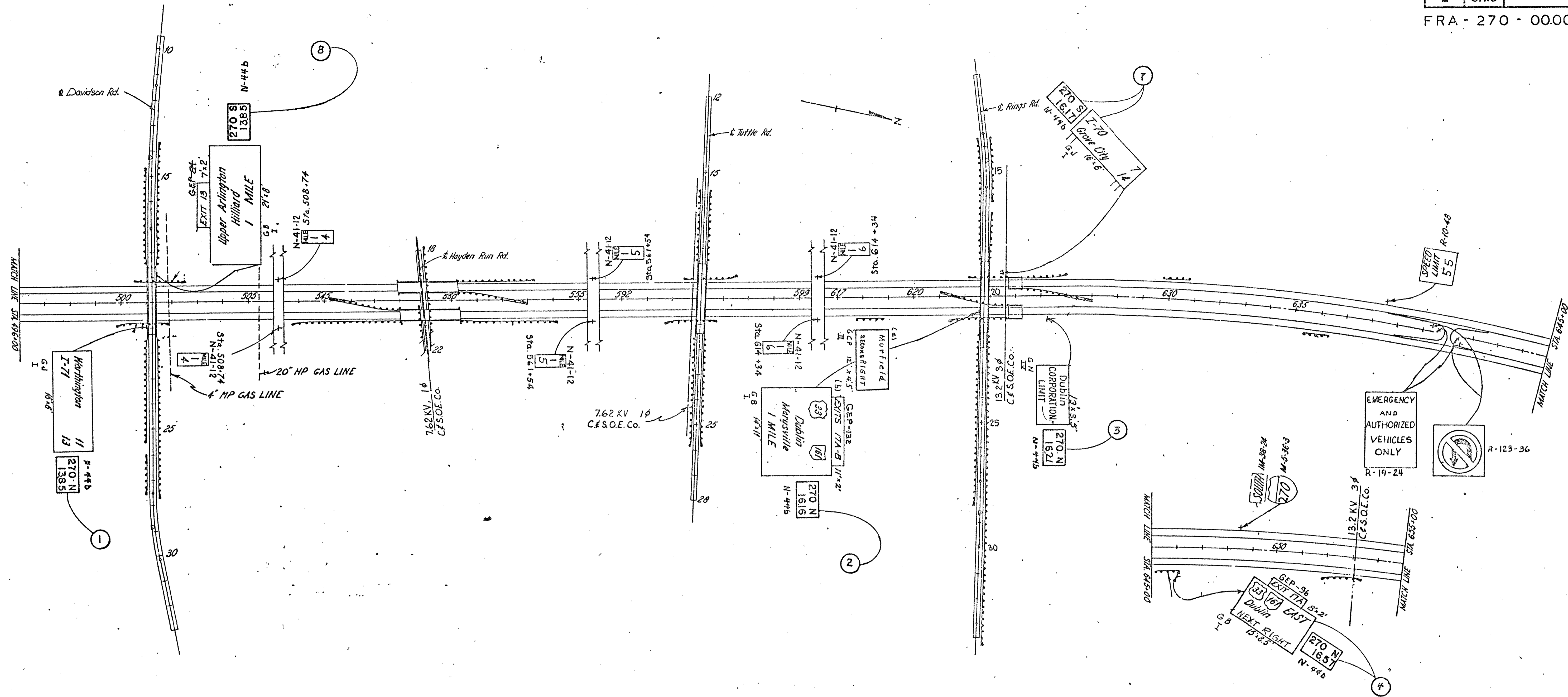
EXIT 13
I-270 & HILLIARD-CEMETERY RD.

(X) FOR WORK SEE SH. 10 & 11

I-270 Sta 412+00 to Sta 496+00

Manufactured Light Pole Foundations.

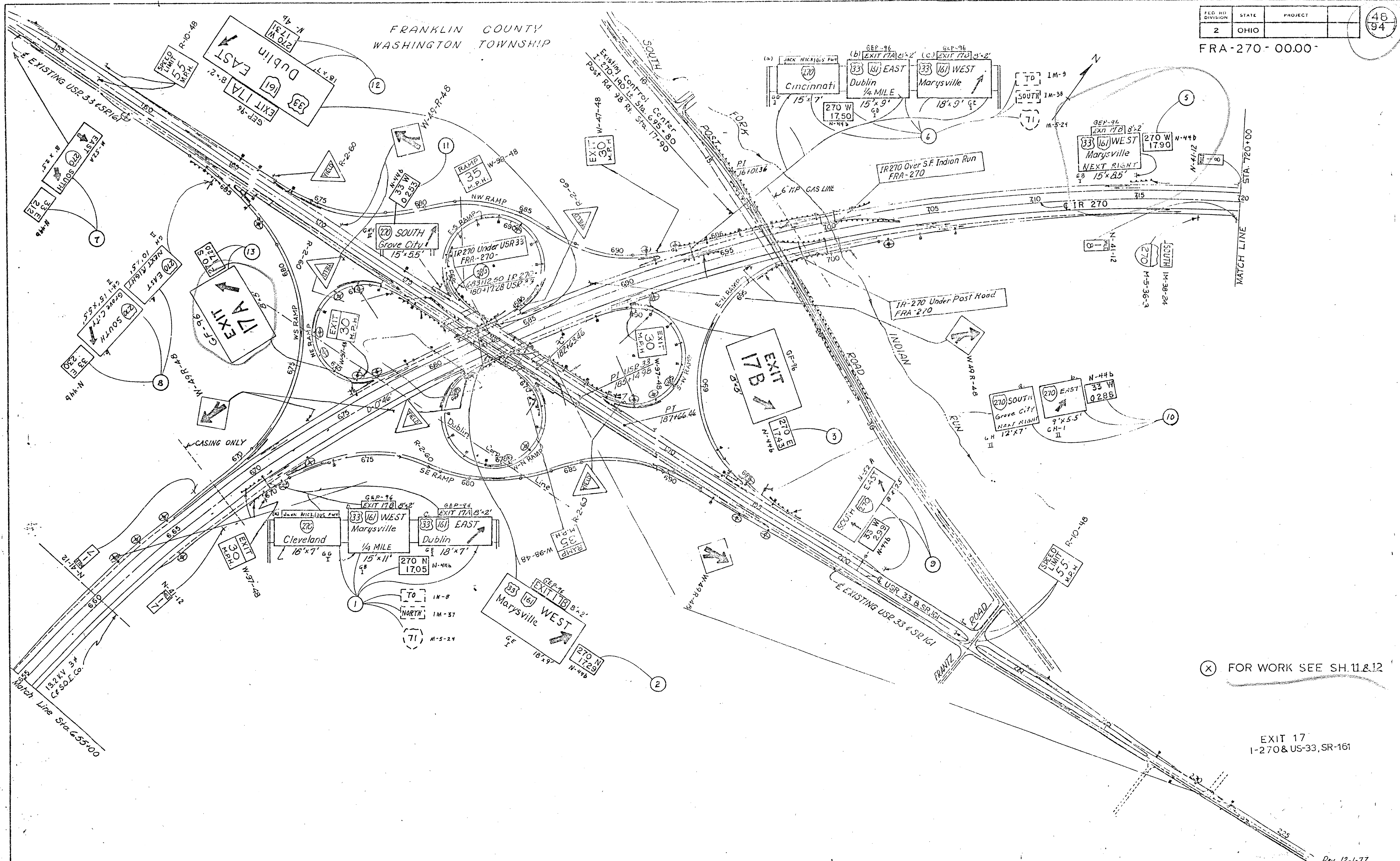
FRA - 270 - 0000



(X) FOR WORK SEE SH. 11

FRA-270-00.00-

FRANKLIN COUNTY
WASHINGTON TOWNSHIP



(X) FOR WORK SEE SH.11&12

EXIT 17
I-270 & US-33, SR-161

IR-270 Sta 655+00 to Sta 720+00

Rev. 12-1-77

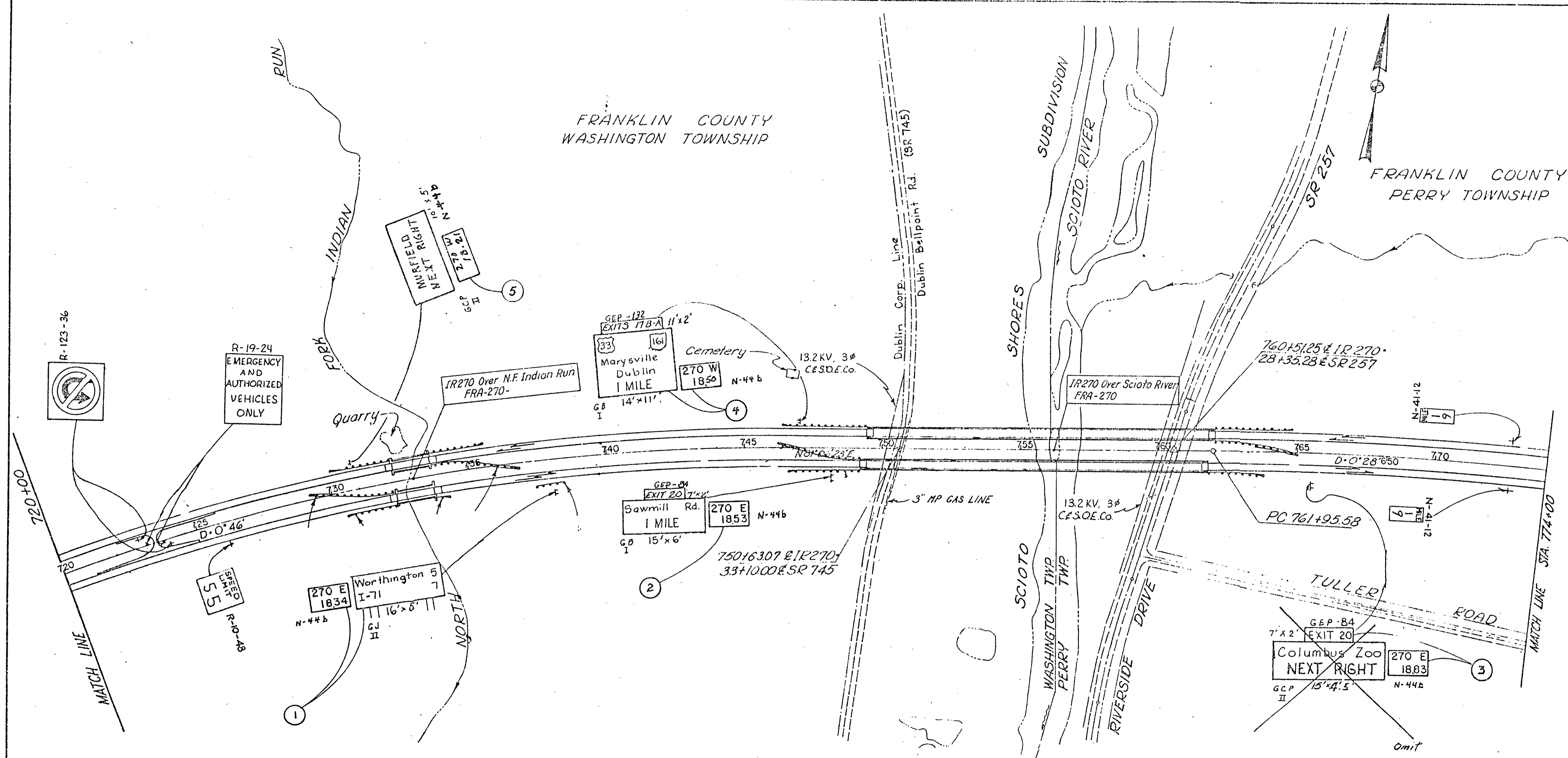
FED RD DIVISION	STATE	PROJECT
2	OHIO	1270

49
94

FRA-270 - 0000

FRANKLIN COUNTY
WASHINGTON TOWNSHIP

FRANKLIN COUNTY
PERRY TOWNSHIP



(X) FOR WORK SEE SH. 12

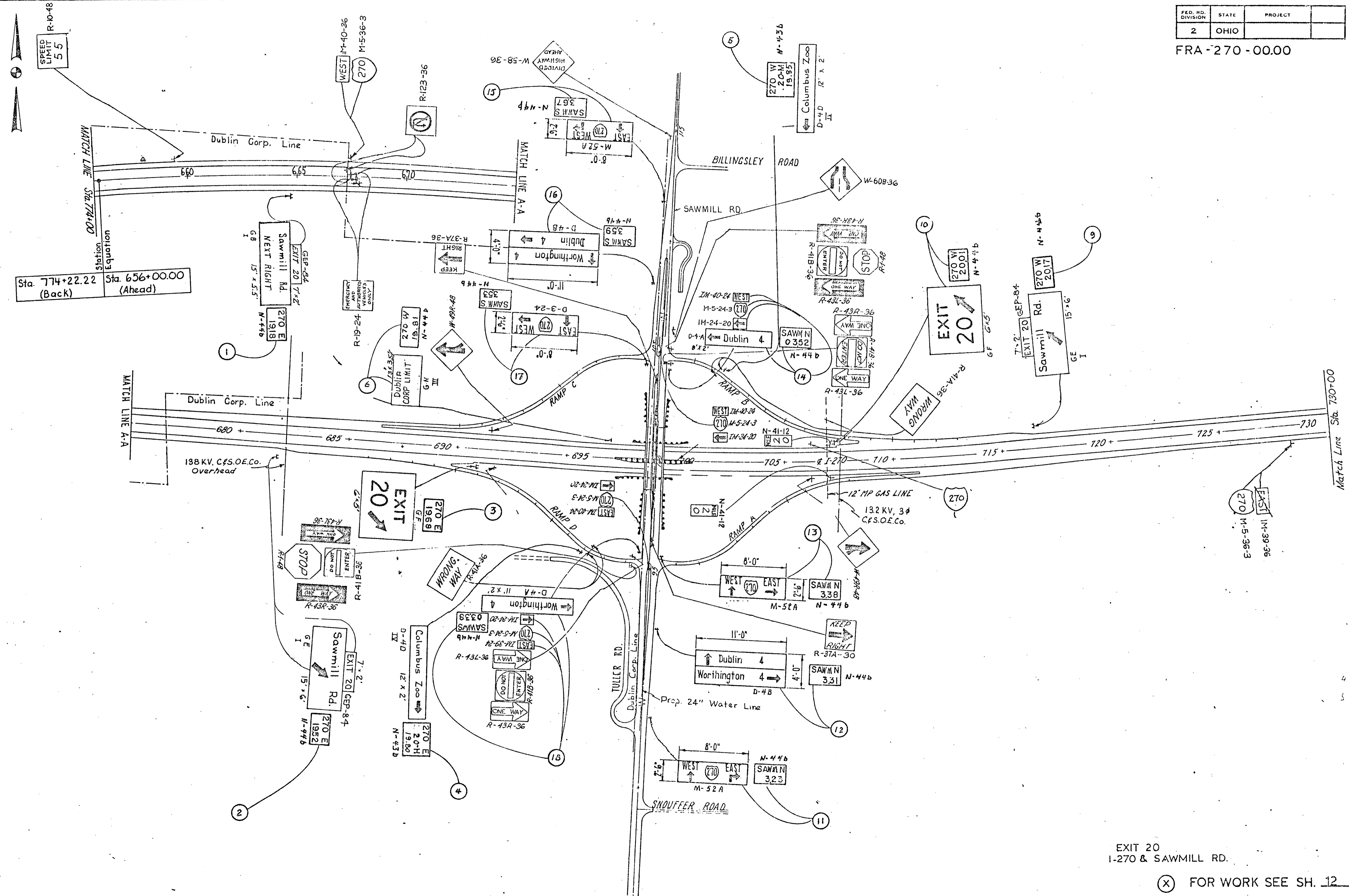
Rev. 12-1-77

IR-270 Sta 720+00 to Sta 774+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

50
94

FRA -270 -00.00



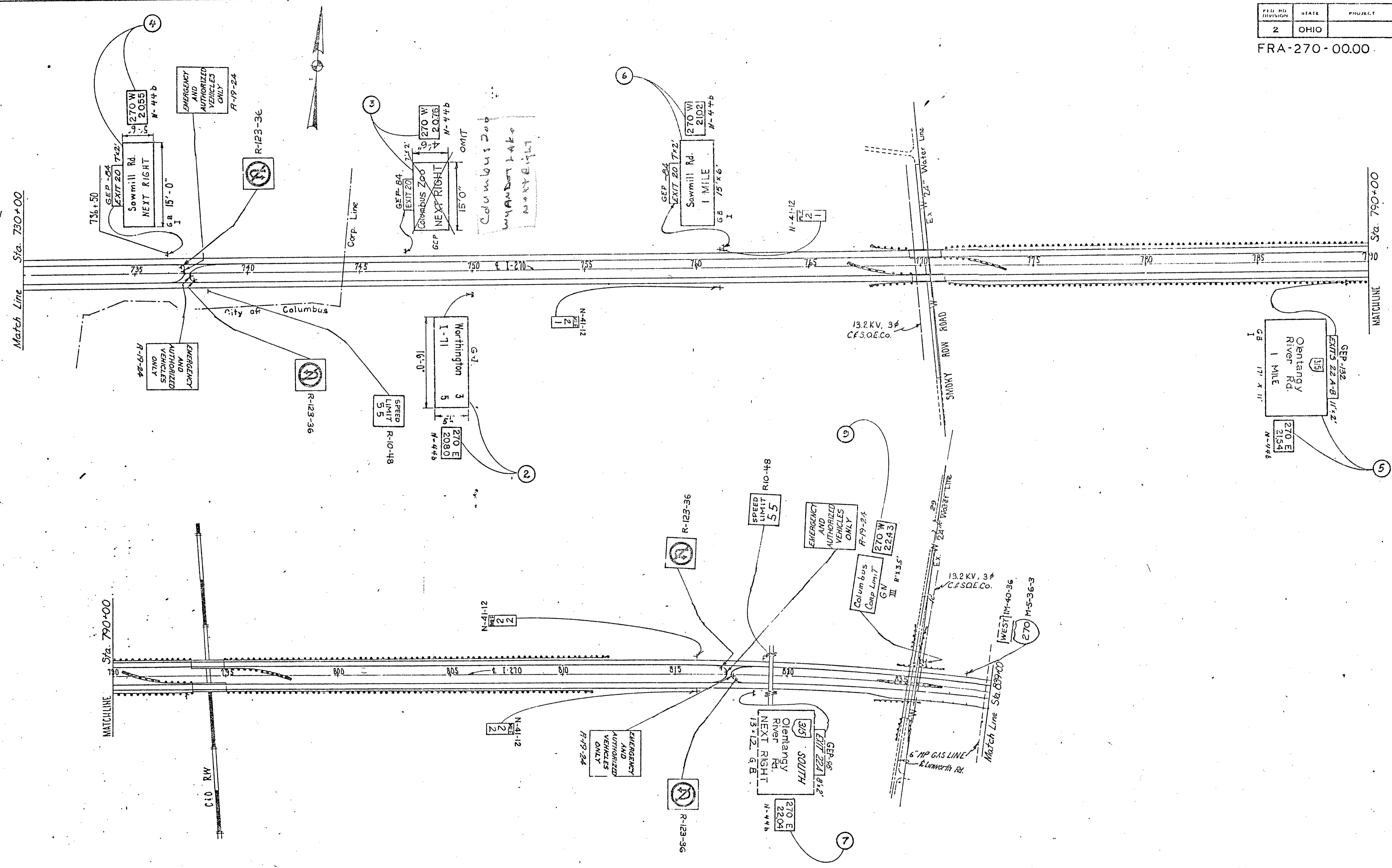
EXIT 20
I-270 & SAWMILL RD.

(X) FOR WORK SEE SH. 12

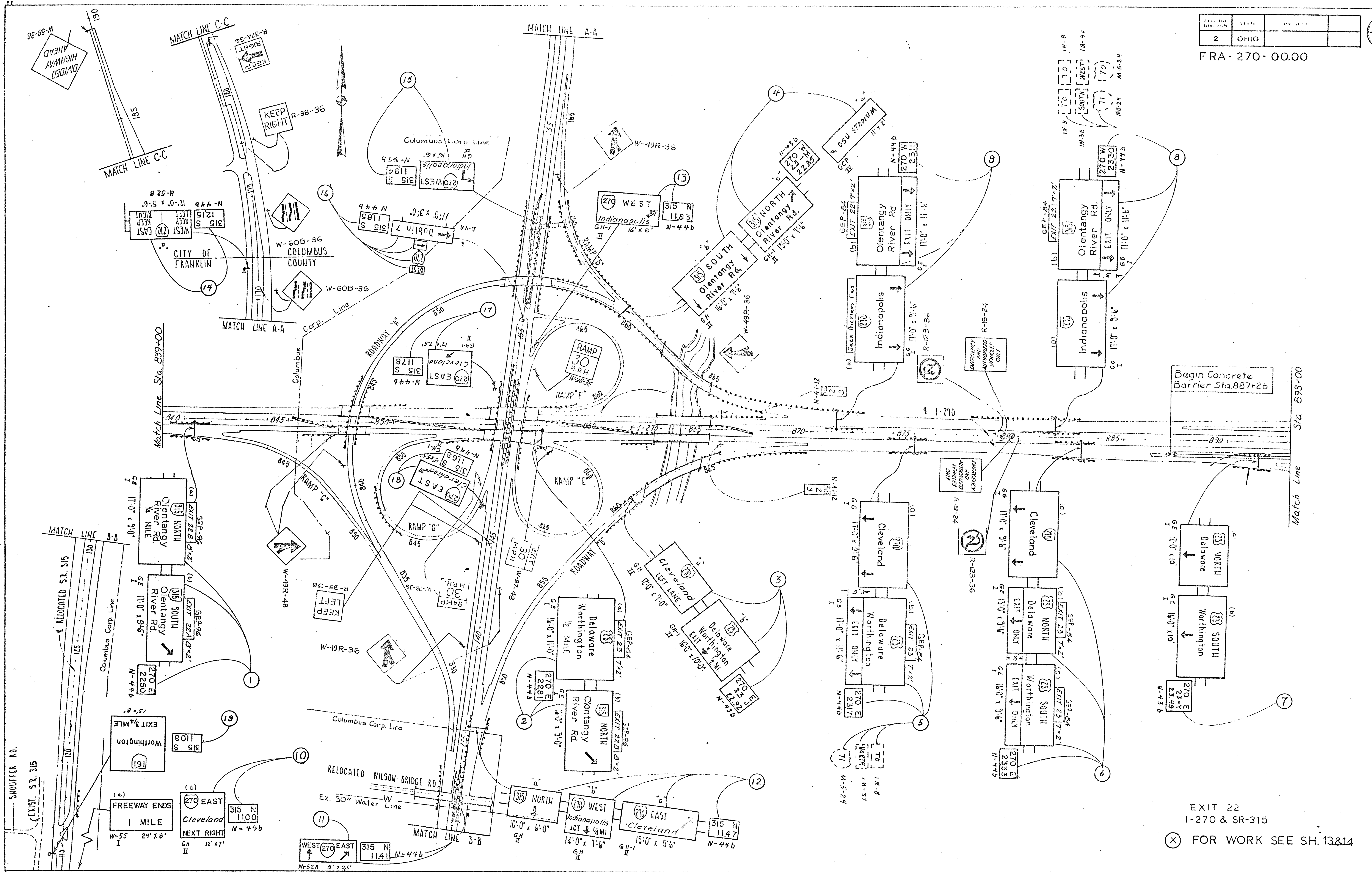
FED. NO. DIVISION	STATE	PROJECT
2	OHIO	

51
94

FRA-270-00.00

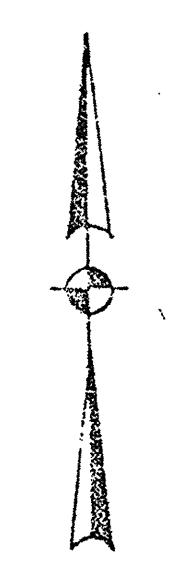
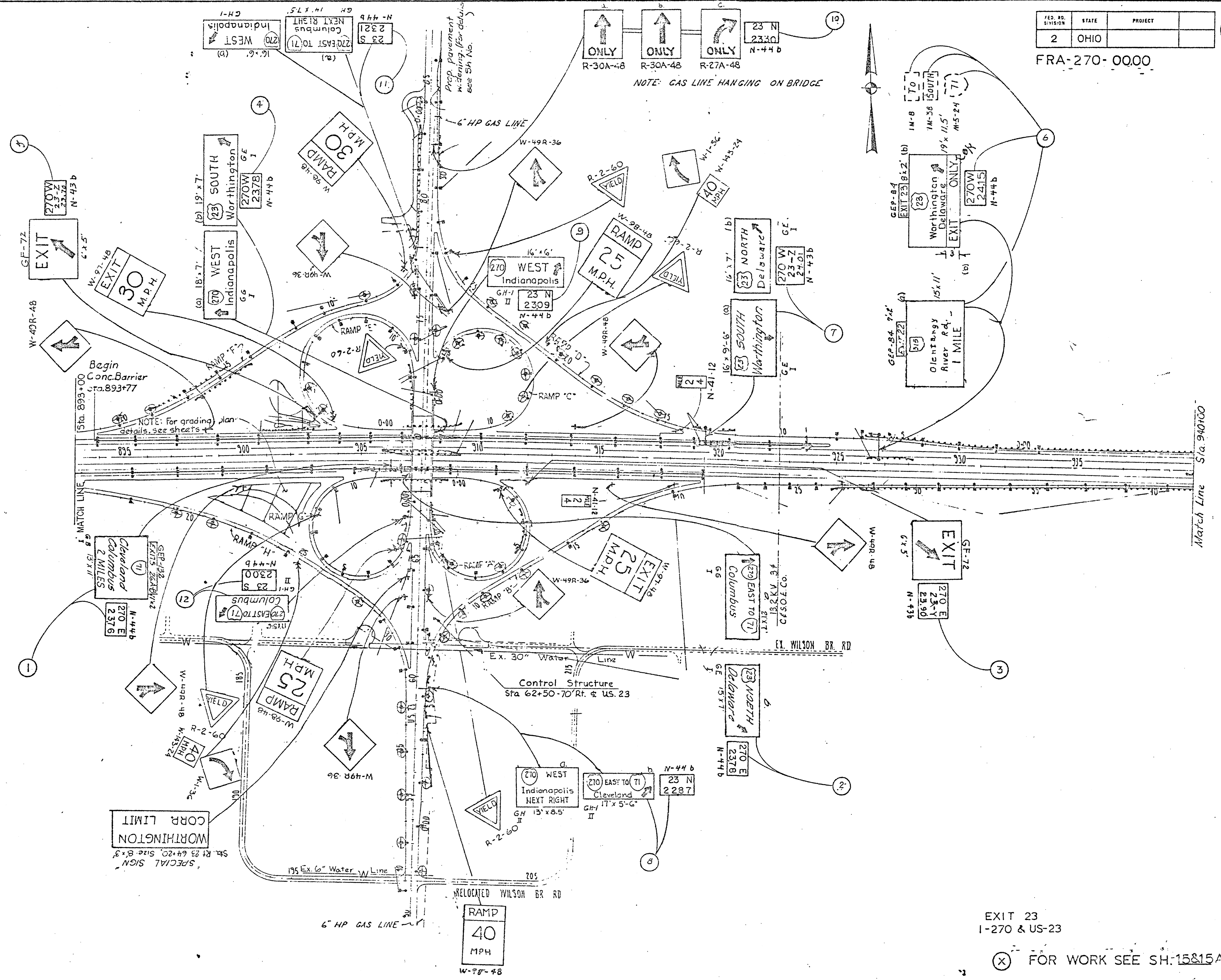


(X) FOR WORK SEE SH. 13



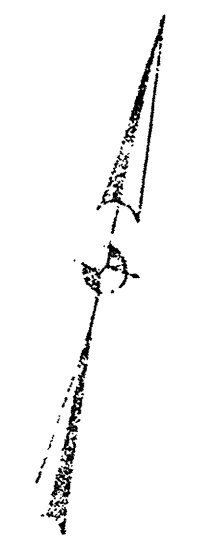
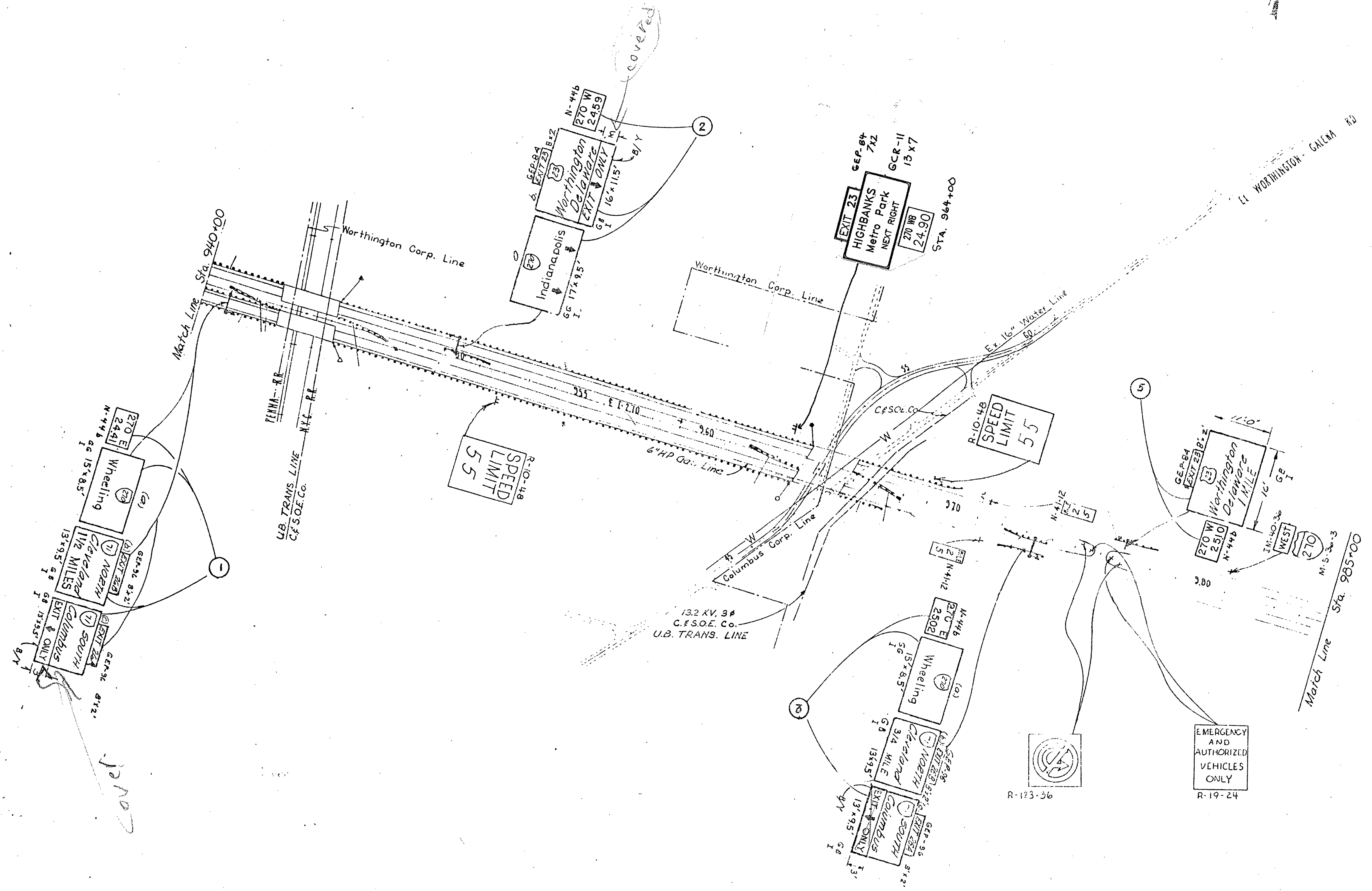
EXIT 22
I-270 & SR-315
⊗ FOR WORK SEE SH. 13&14

FRA-270-0000



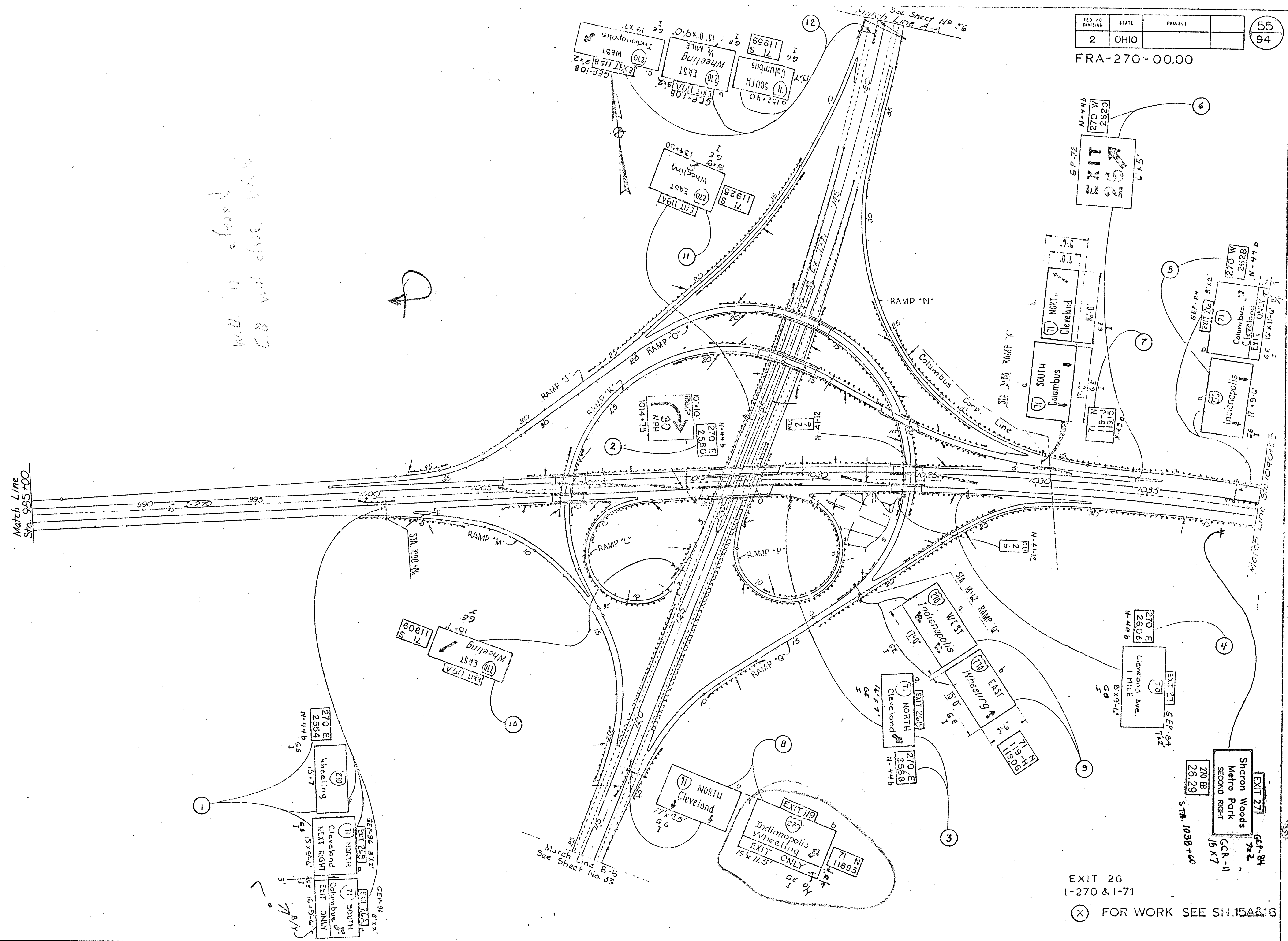
EXIT 23
I-270 & US-23
(X) FOR WORK SEE SH:15&15A

FRA-270-00,00



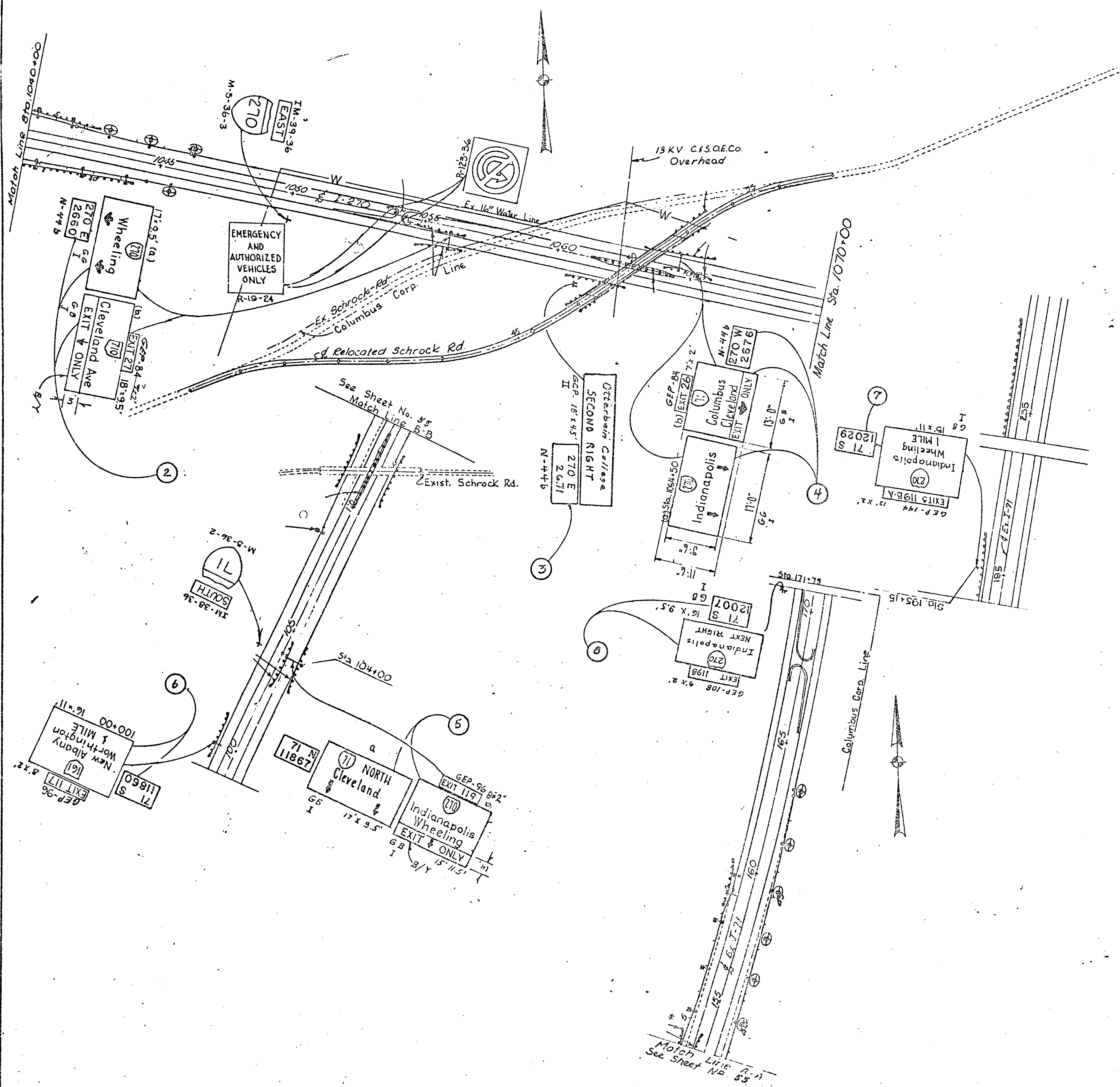
(X) FOR WORK SEE SH. 15A

FRA-270-00.00



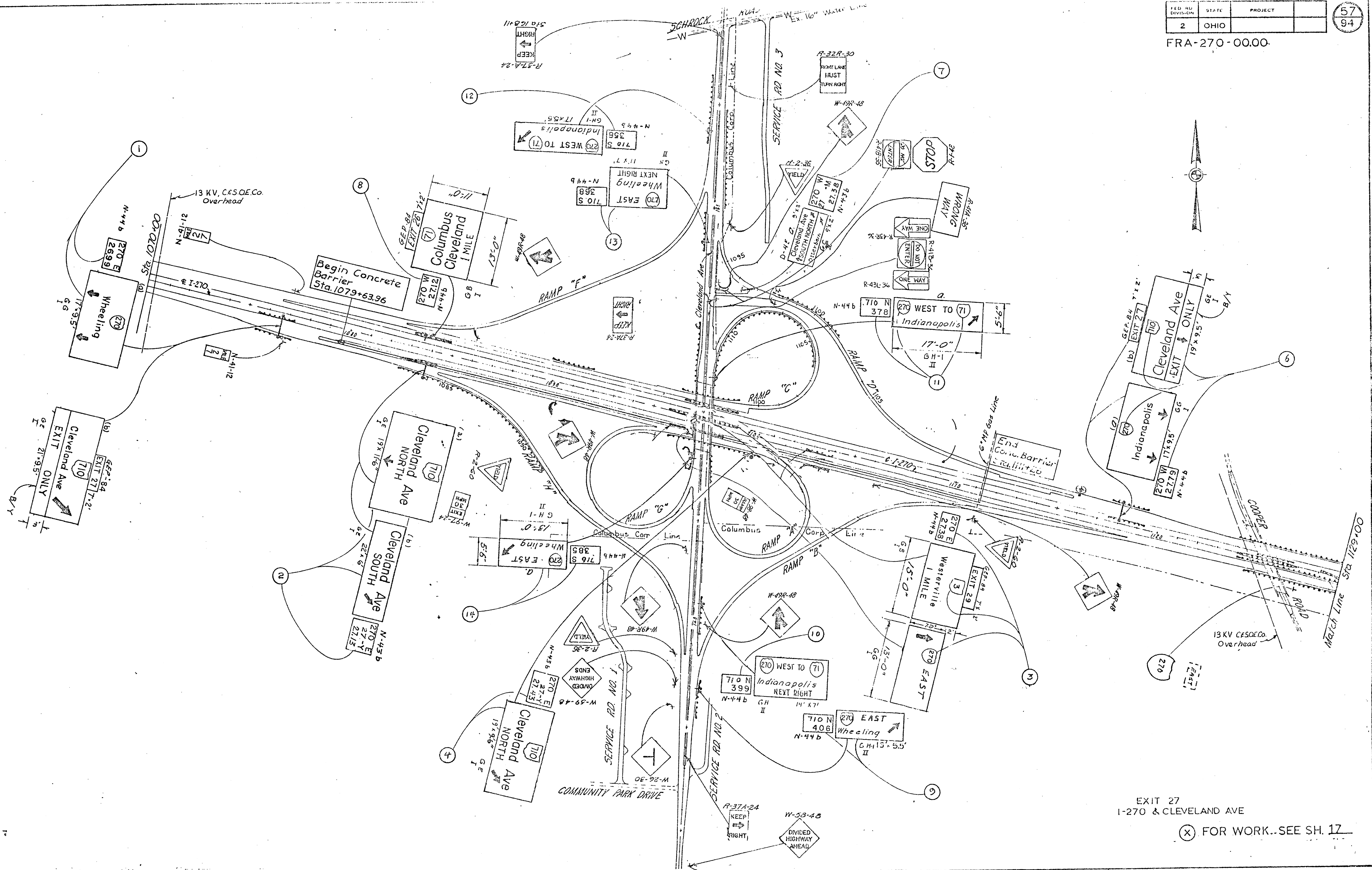
*W.B. is closed
E.B. will close*

EXIT 26
I-270 & I-71
(X) FOR WORK SEE SH.15&16



(X) FOR WORK SEE SH. 16&17

FRA-270-00.00

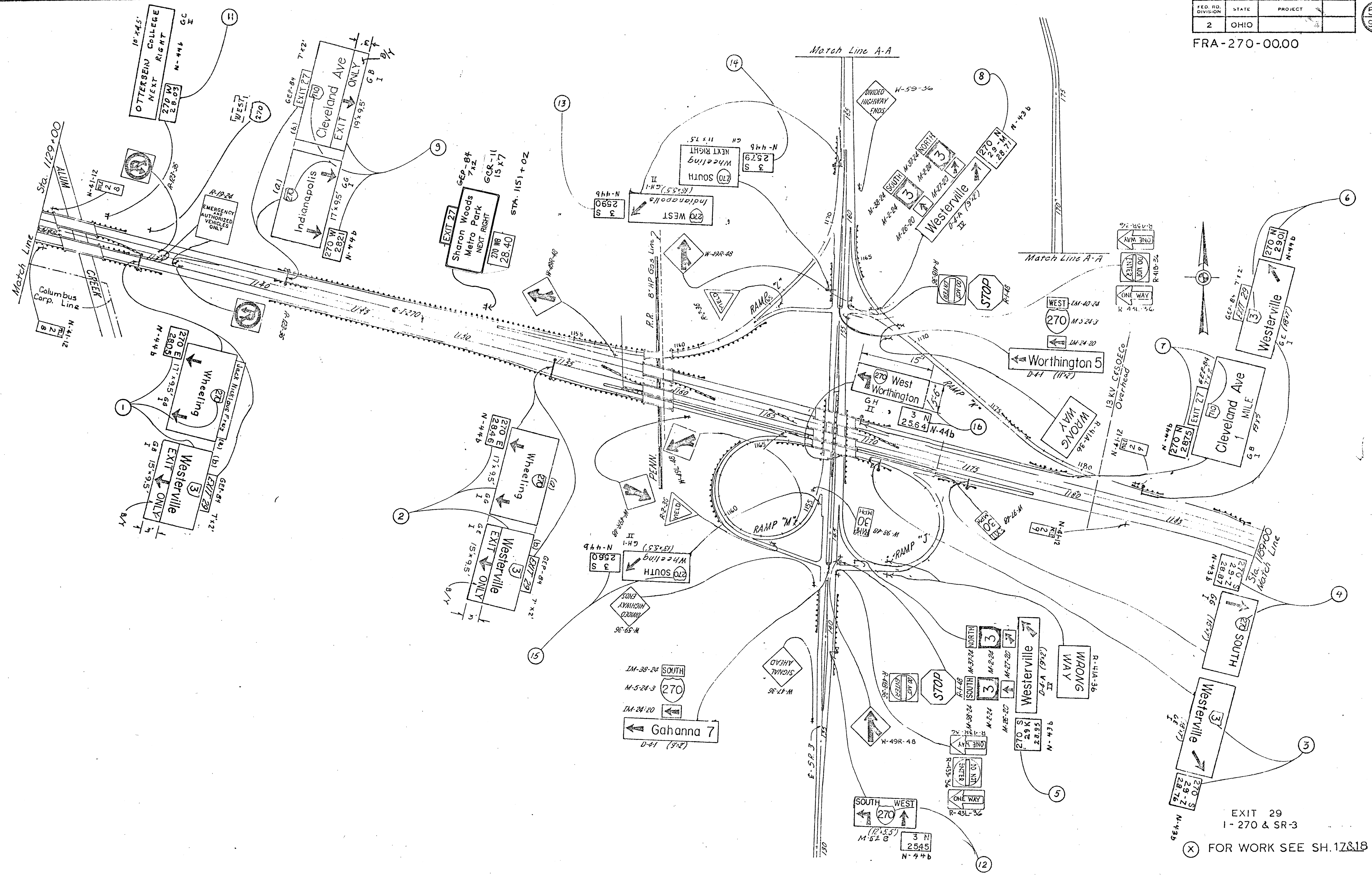


EXIT 27
I-270 & CLEVELAND AVE

(X) FOR WORK..SEE SH. 17

IR-270 Sta 1070+00 to Sta 1129+00

FRA-270-00.00

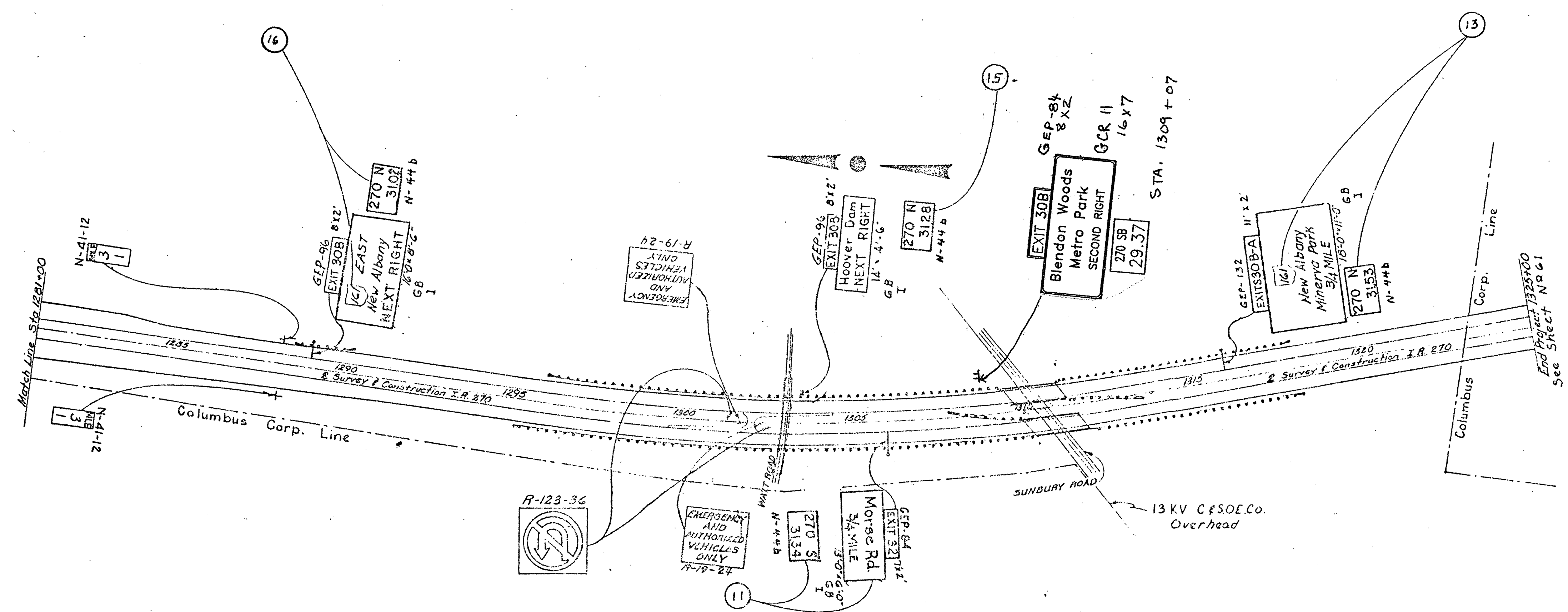
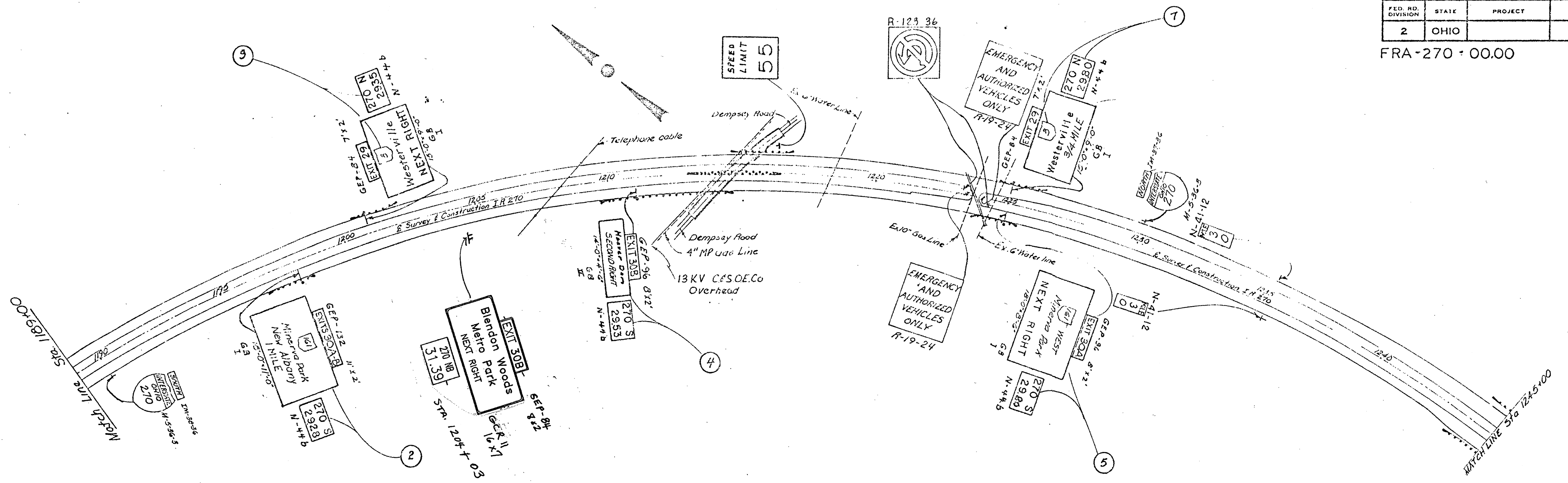


EXIT 29
I-270 & SR-3
X FOR WORK SEE SH.17&18

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

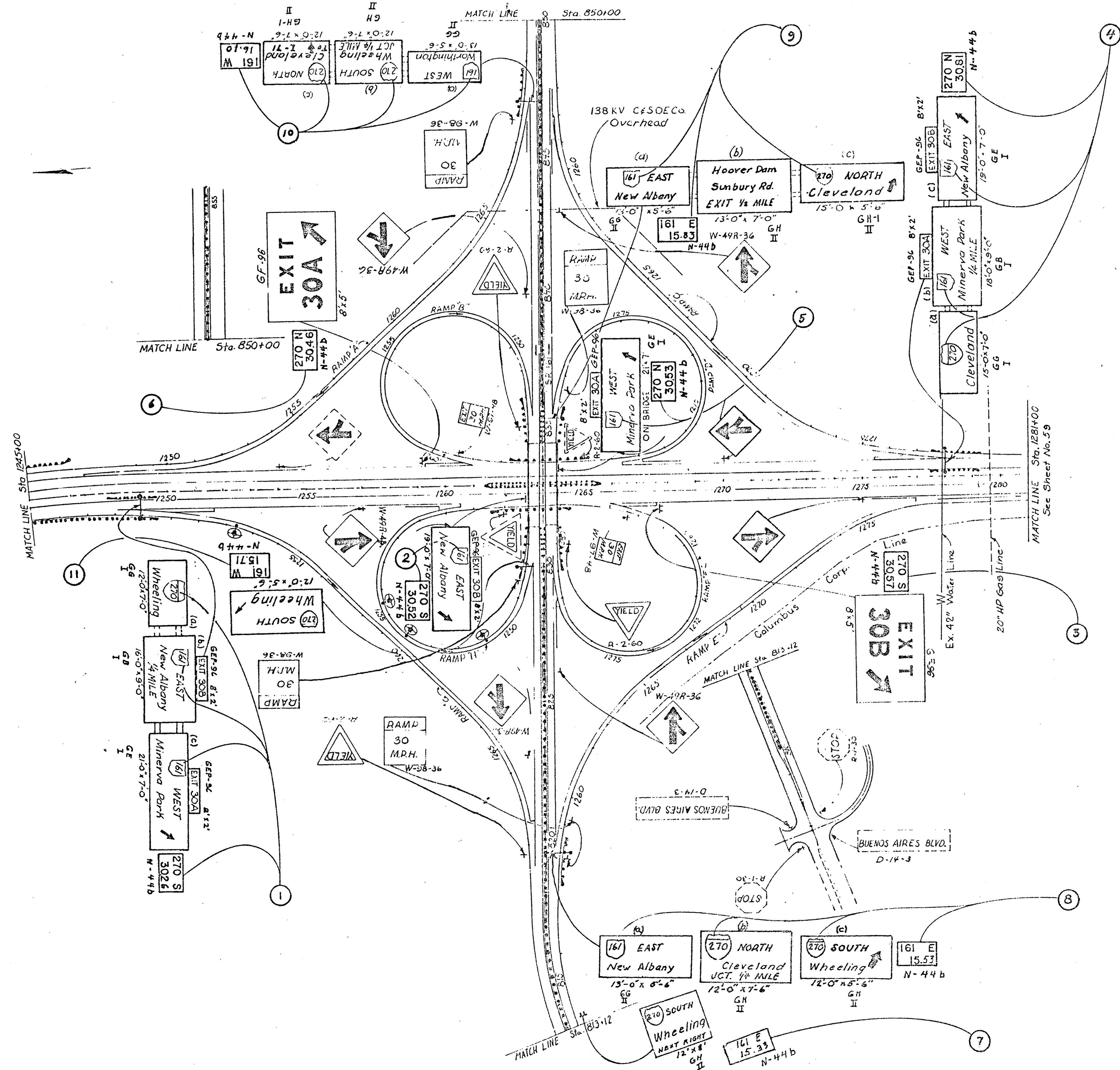
59
94

FRA-270 + 00.00



(X) FOR WORK SEE SH. 18

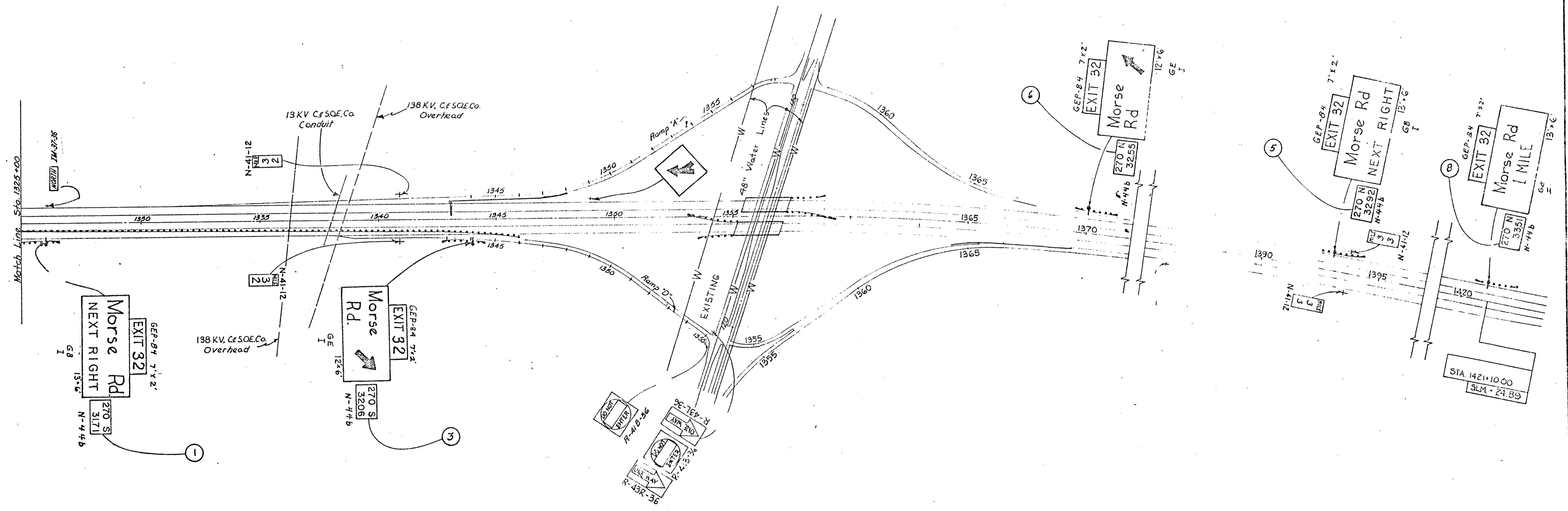
FRA-270-00.00



(X) FOR WORK SEE SH. 19

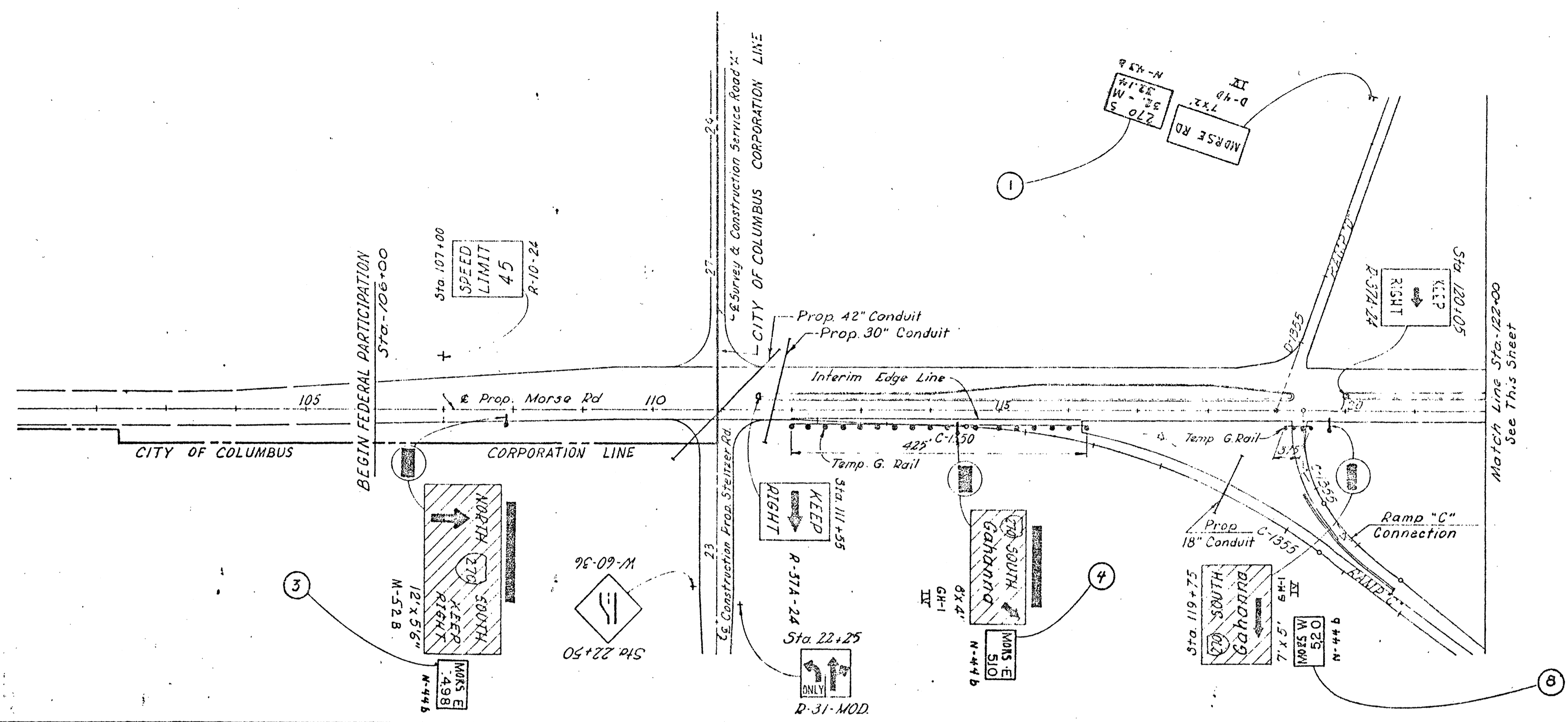
EXIT 30
I-270 & SR-161

FRA-270-00.00



EXIT 32
I-270 & Morse Rd.

(X) FOR WORK SEE SH. 20

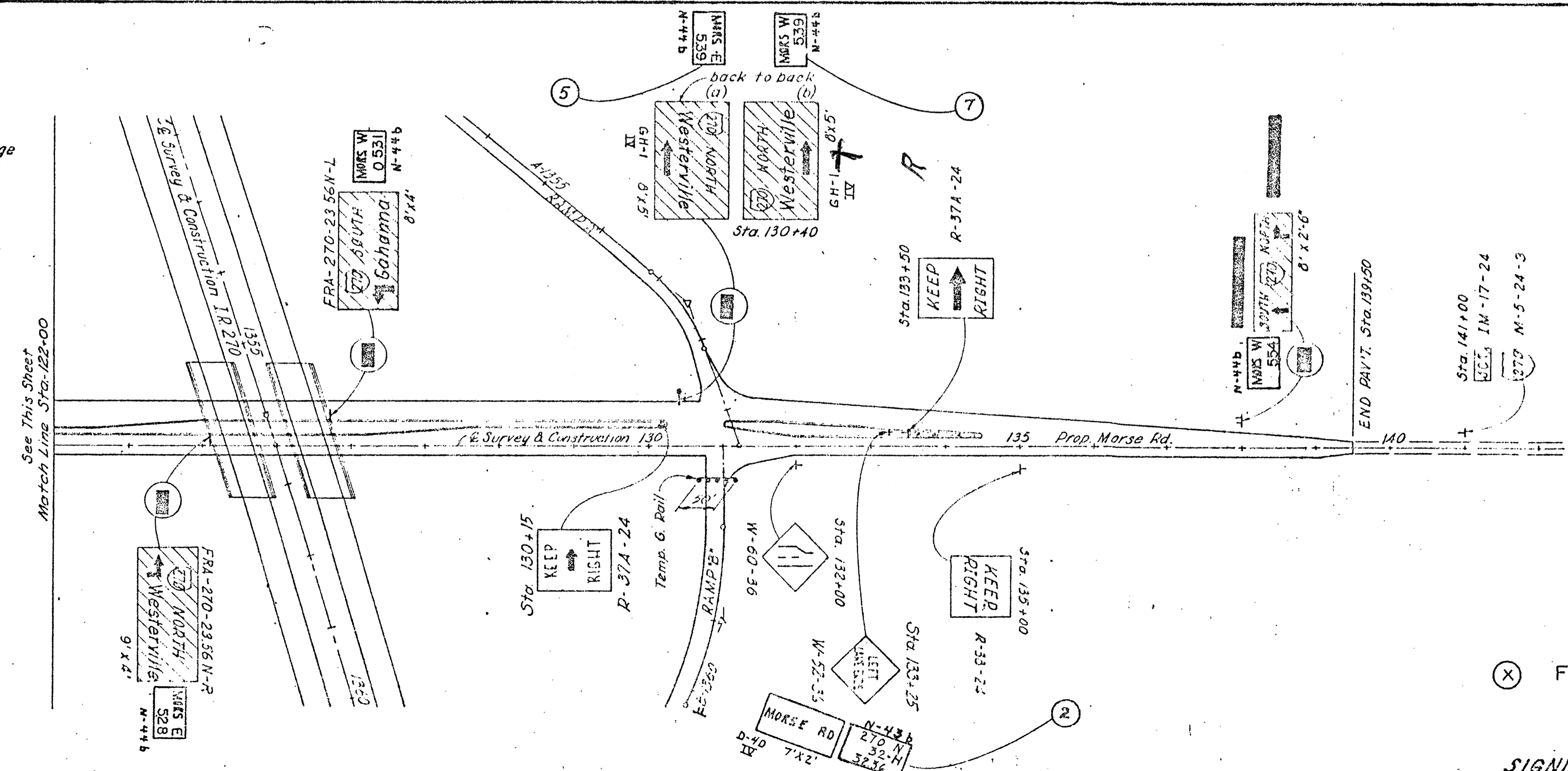


NOTE:
For Signs on Morse Rd. Interchange
See Sheet No. 1

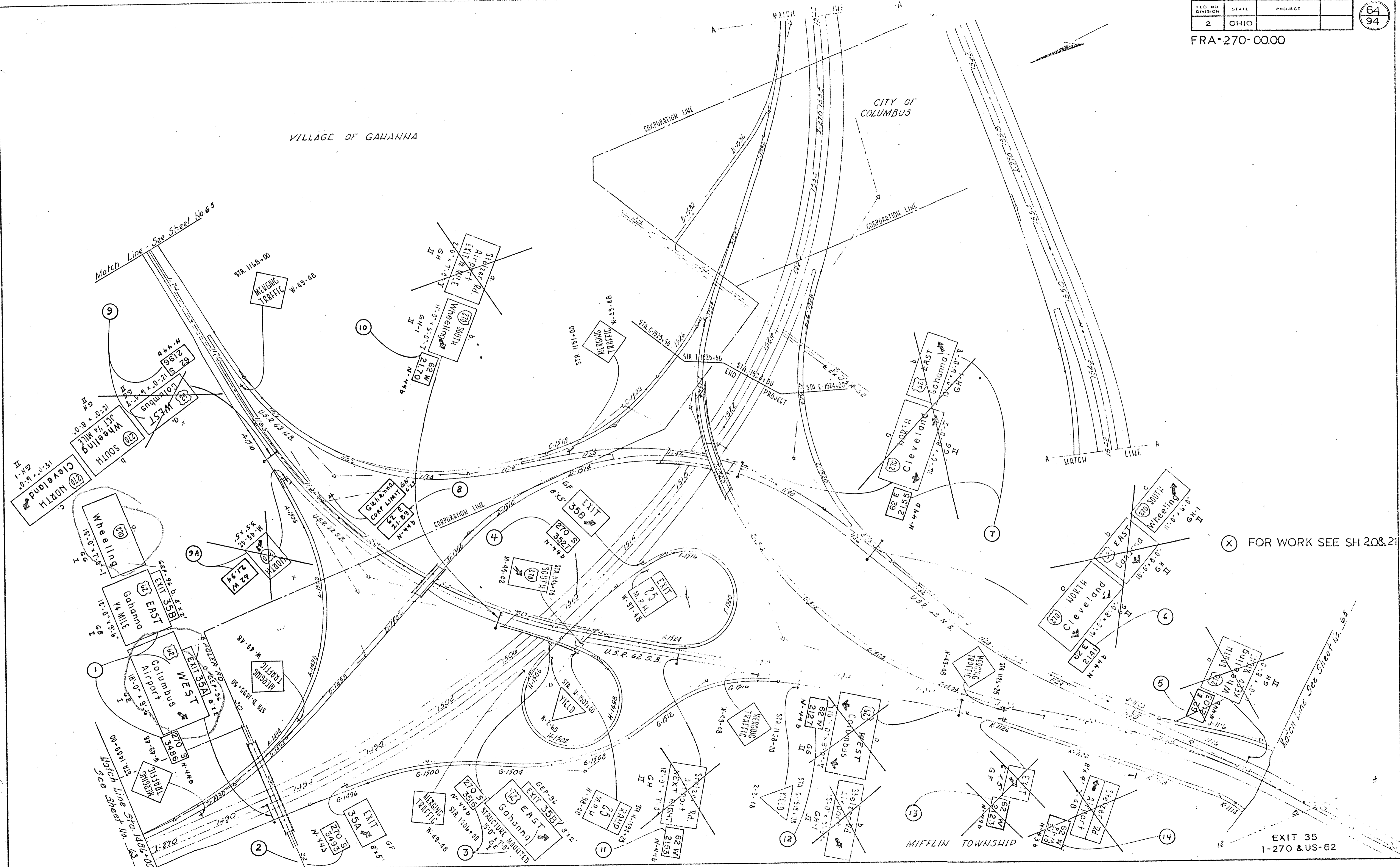
NOTE:
For Signs on Morse Rd. Interchange
See Sheet No. 7 & 8.

For Temp. Beam Rail Details
see sheet no. 7

Signs cross-hatched are to
be "Bagged."



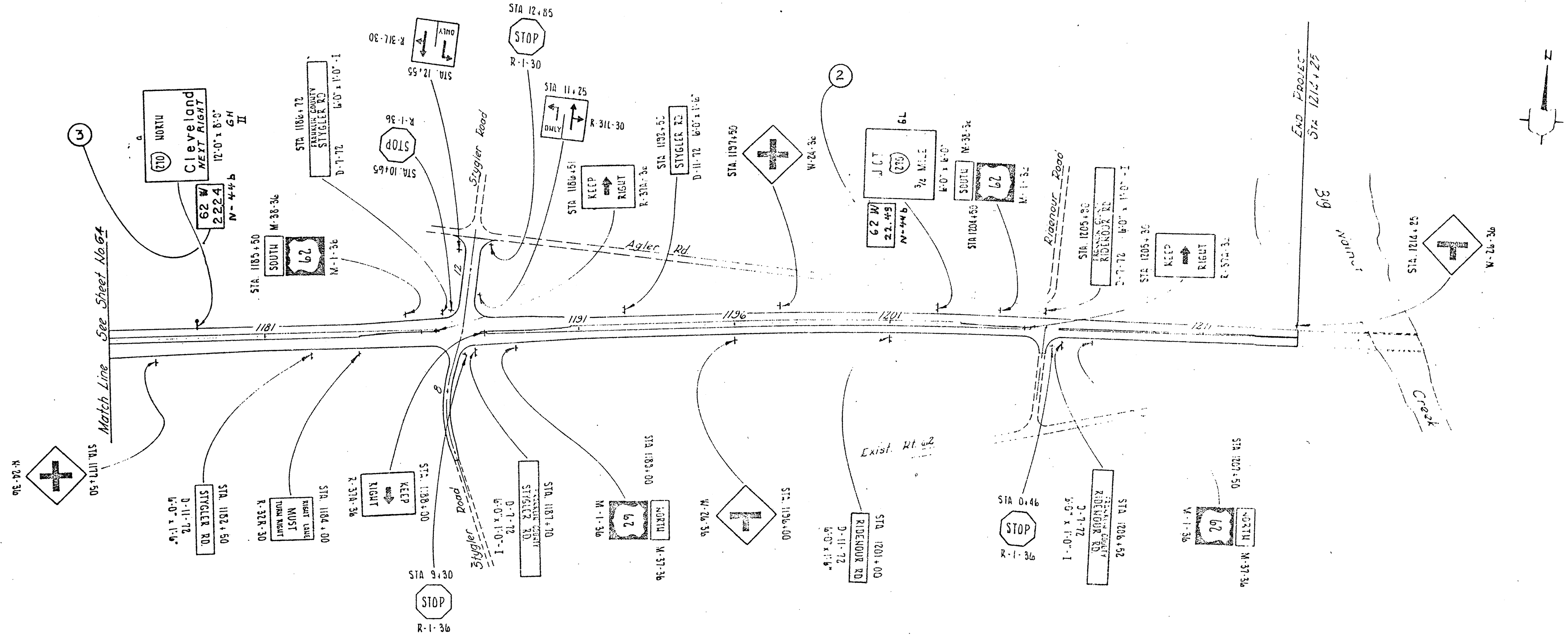
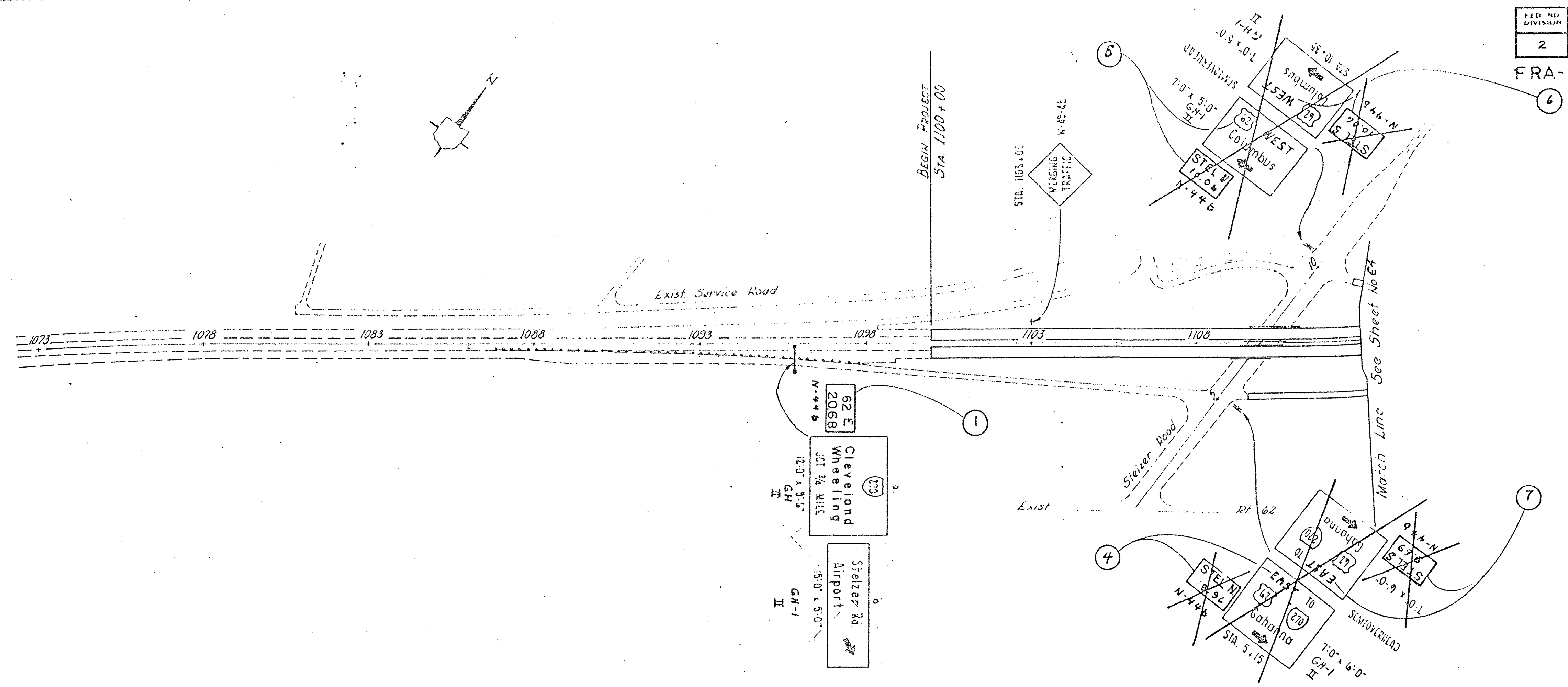
(X) FOR WORK SEE SH. 20



(X) FOR WORK SEE SH 208.21

EXIT 35
1-270 & US-62

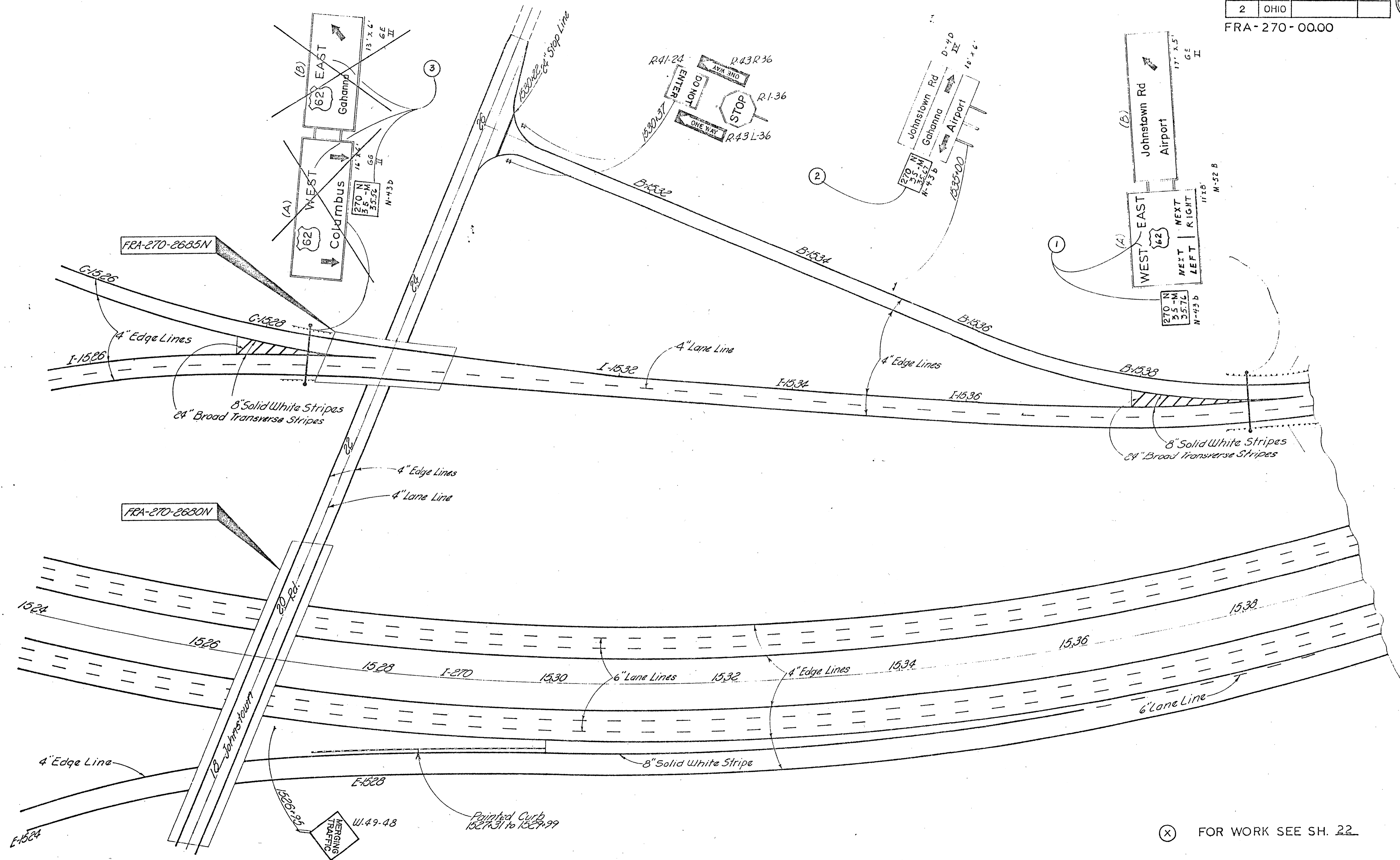
FRA-270-00.00



(X) FOR WORK SEE SH. 21

SIGN MESSAGES

FRA-270-00.00

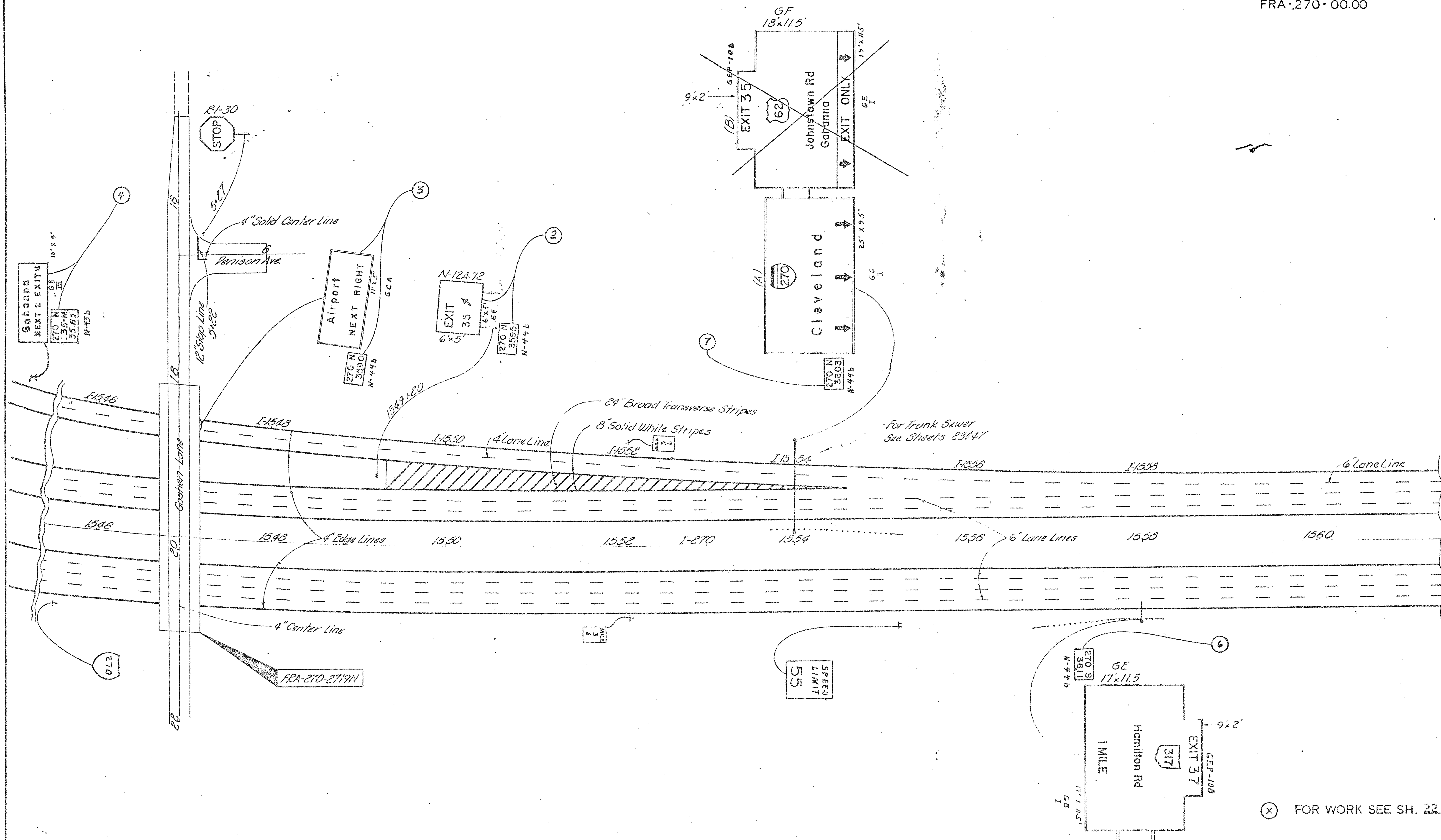


(X) FOR WORK SEE SH. 22

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

67
94

FRA-270-00.00



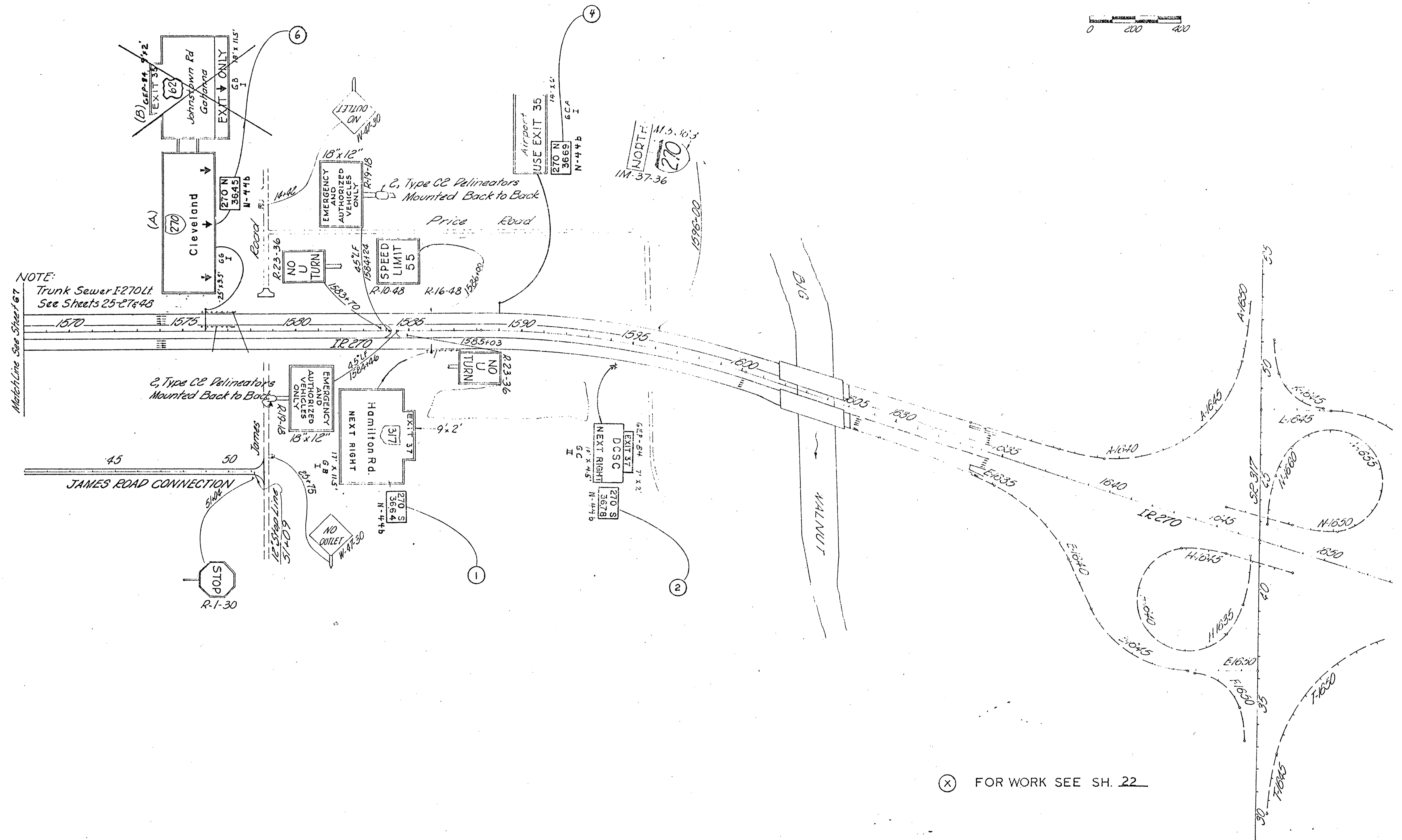
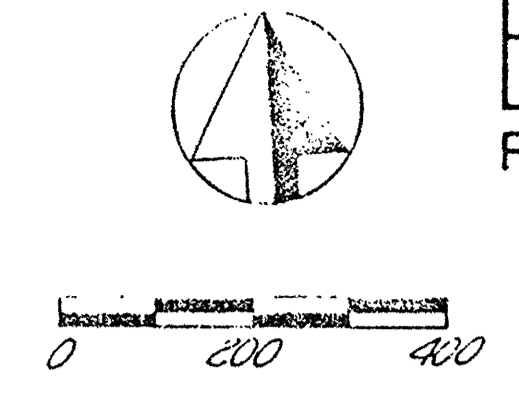
(X) FOR WORK SEE SH. 22

INTERCHANGE SIGNING PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

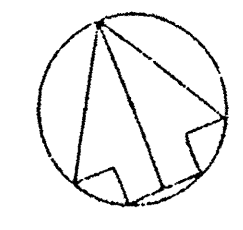
68
94

FRA-270-00.00



NOTE:
Trunk Sewer I-270 Lt.
See Sheets 25-27 & 48

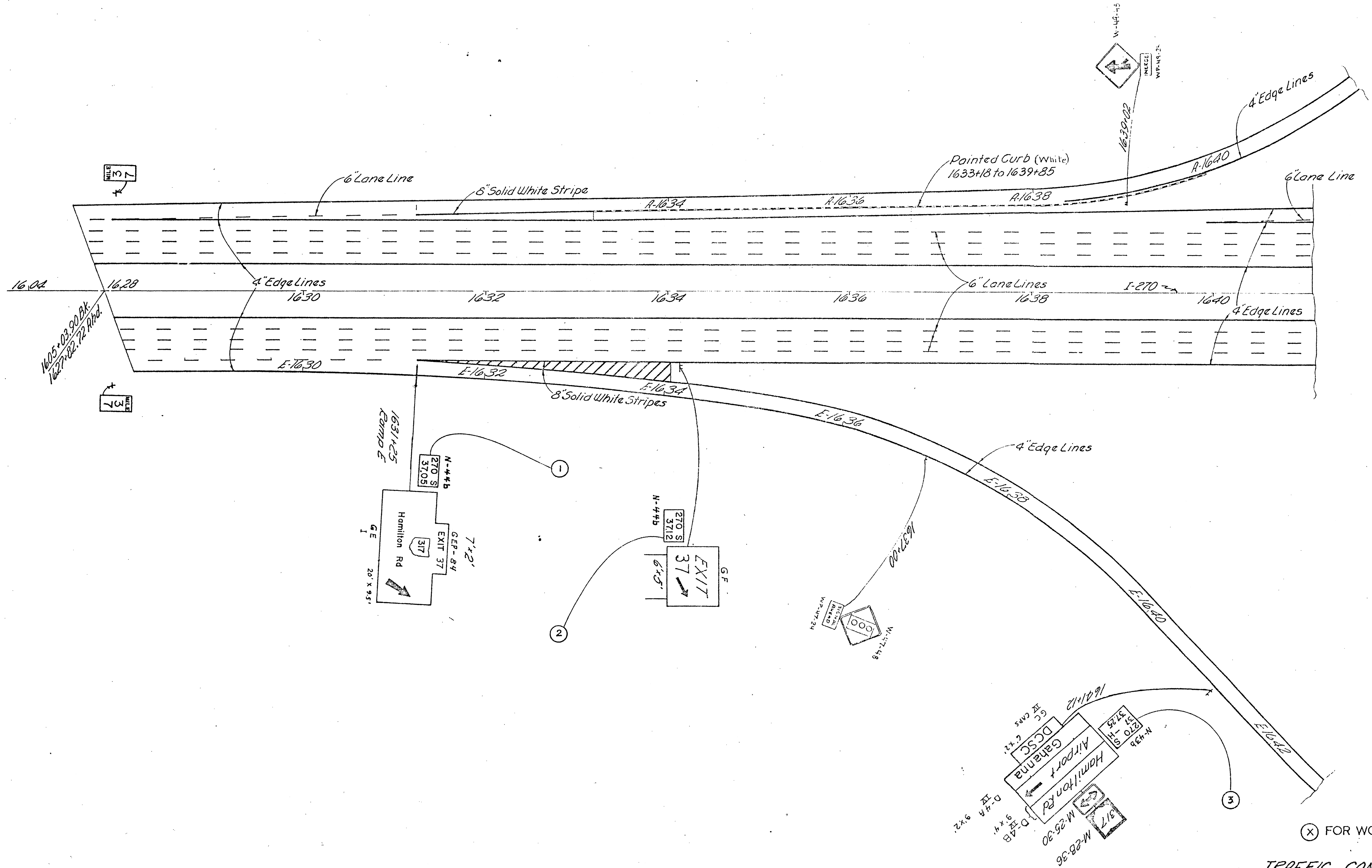
(X) FOR WORK SEE SH. 22



FED. RD DIVISION	STATE	PROJECT
2	OHIO	

69
94

FRA-270-00.00



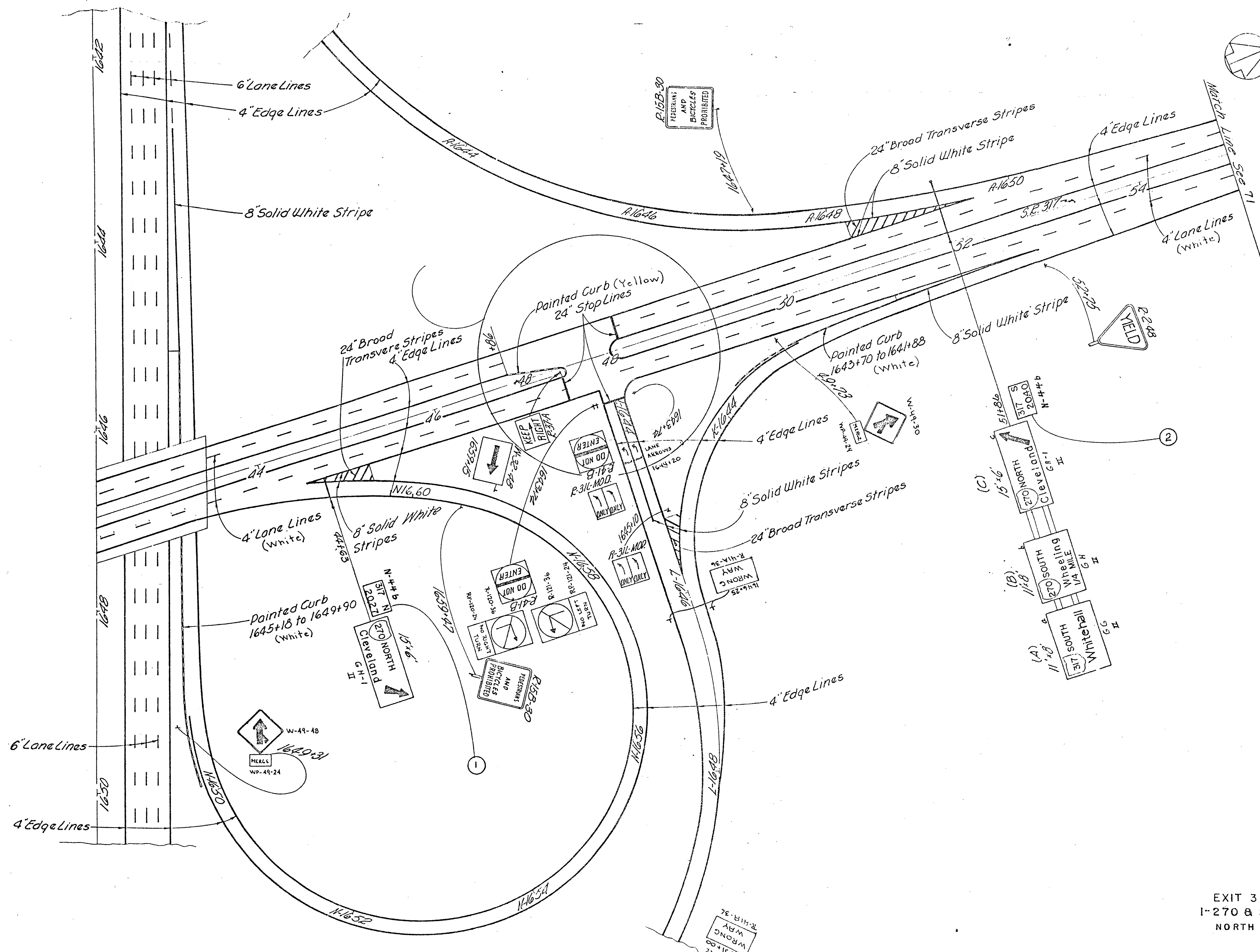
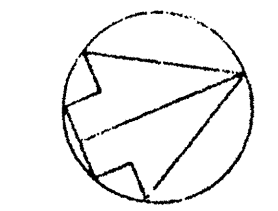
(X) FOR WORK SEE SH. 22

TRAFFIC CONTROL PLAN

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

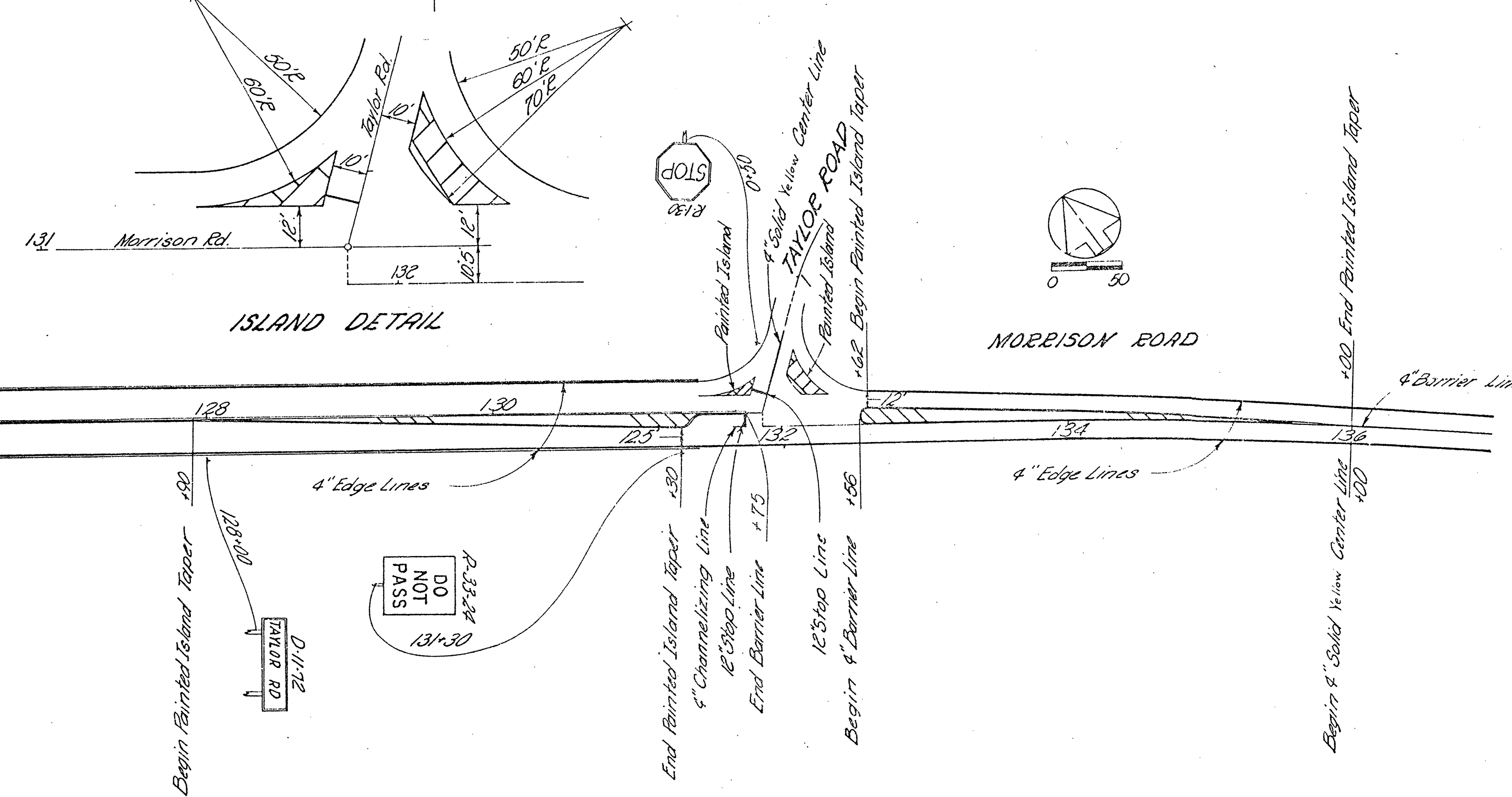
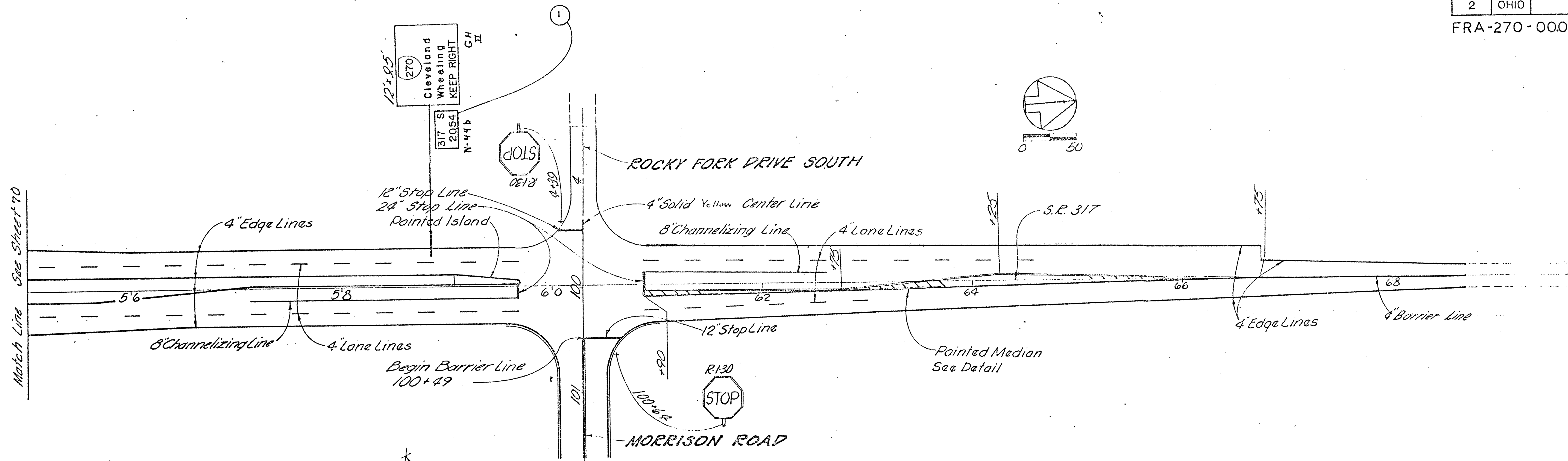
70
94

FRA-270-00.00

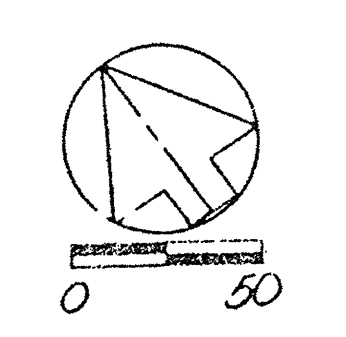
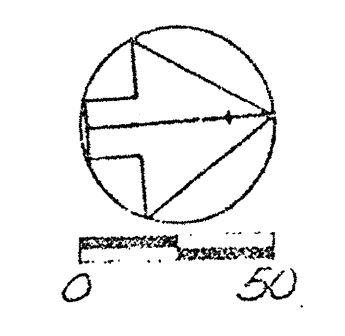


EXIT 37
I-270 & SR-317
NORTH END

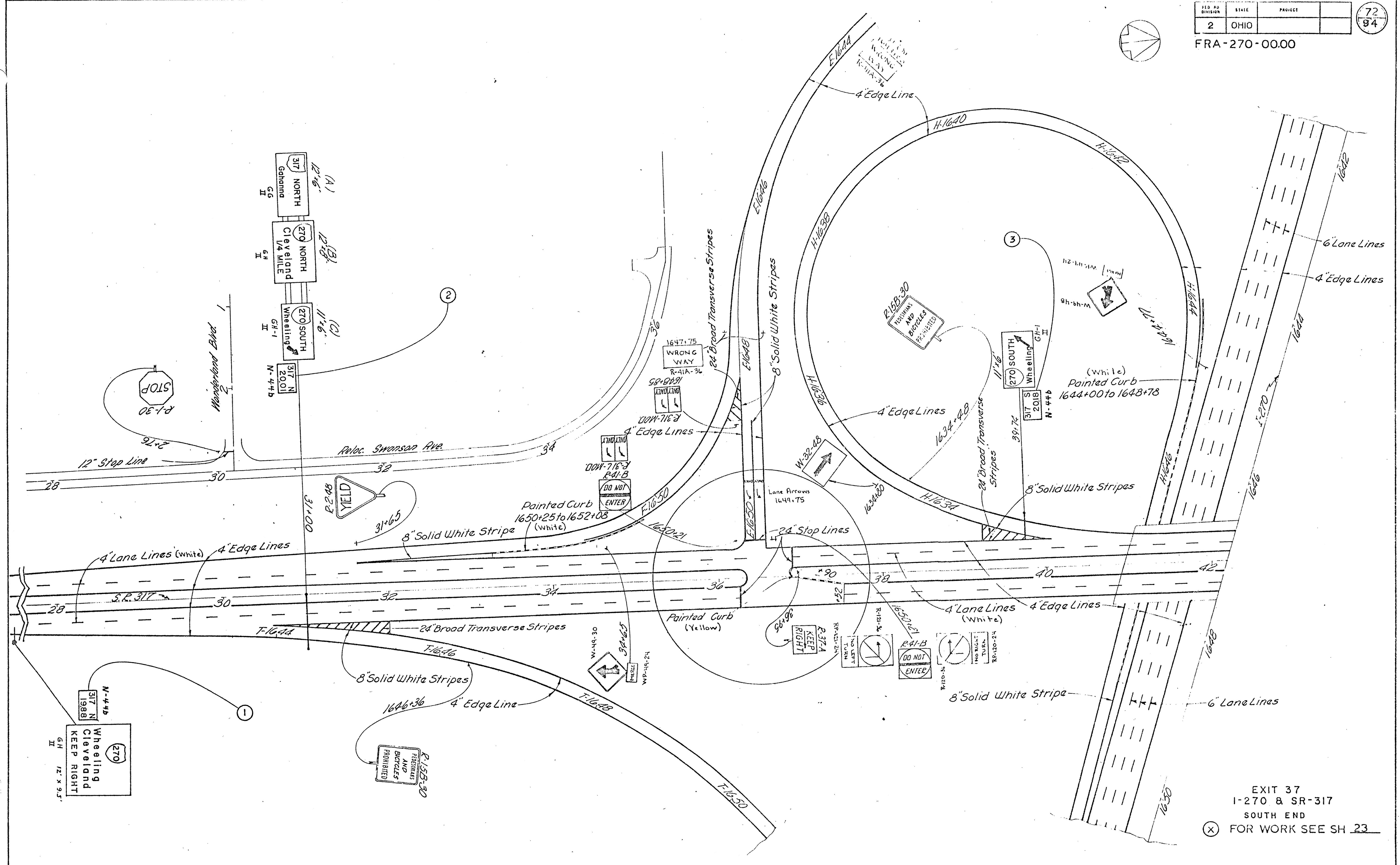
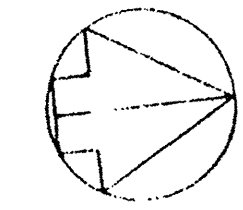
(X) FOR WORK SEE SH. 22823



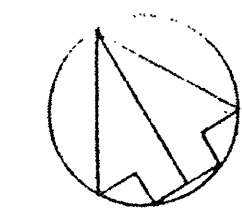
Match Line See Sheet 70



EXIT 37
 I-270 & SR-317
 NORTH END
 (X) FOR WORK SEE SH. 23



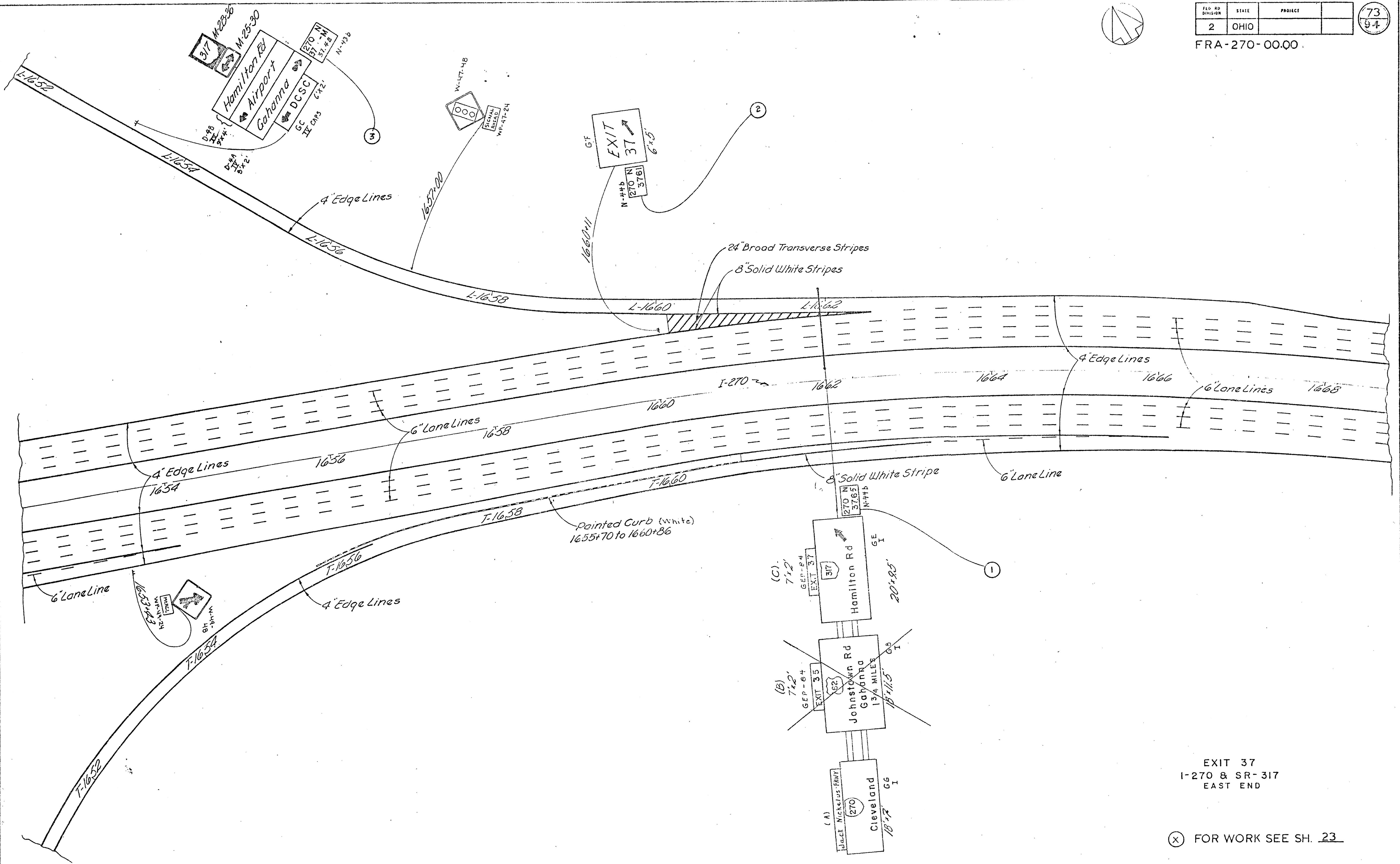
EXIT 37
I-270 & SR-317
SOUTH END
⊗ FOR WORK SEE SH 23



FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

73
94

FRA-270-00.00

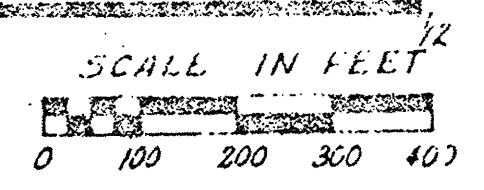
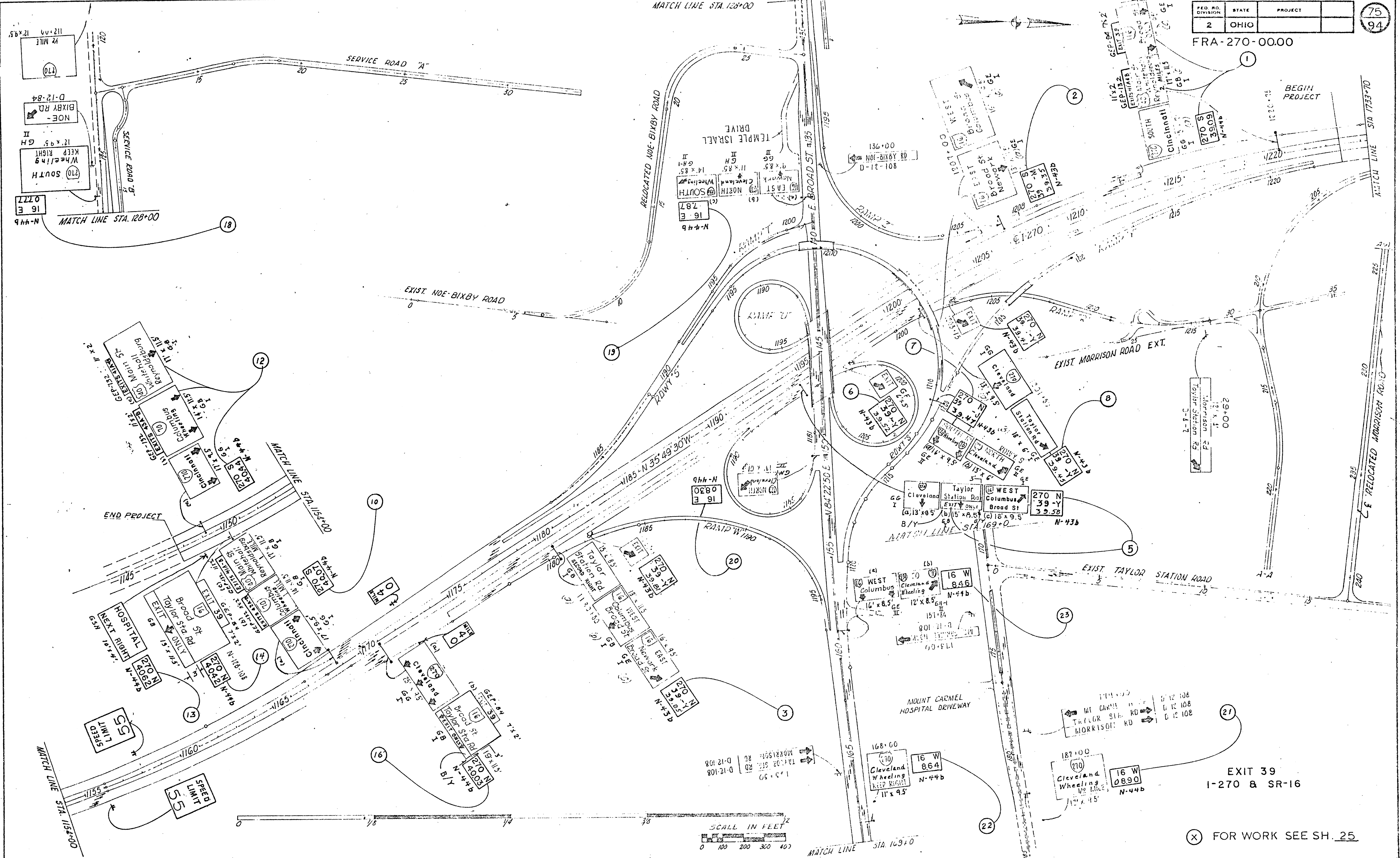


EXIT 37
I-270 & SR-317
EAST END

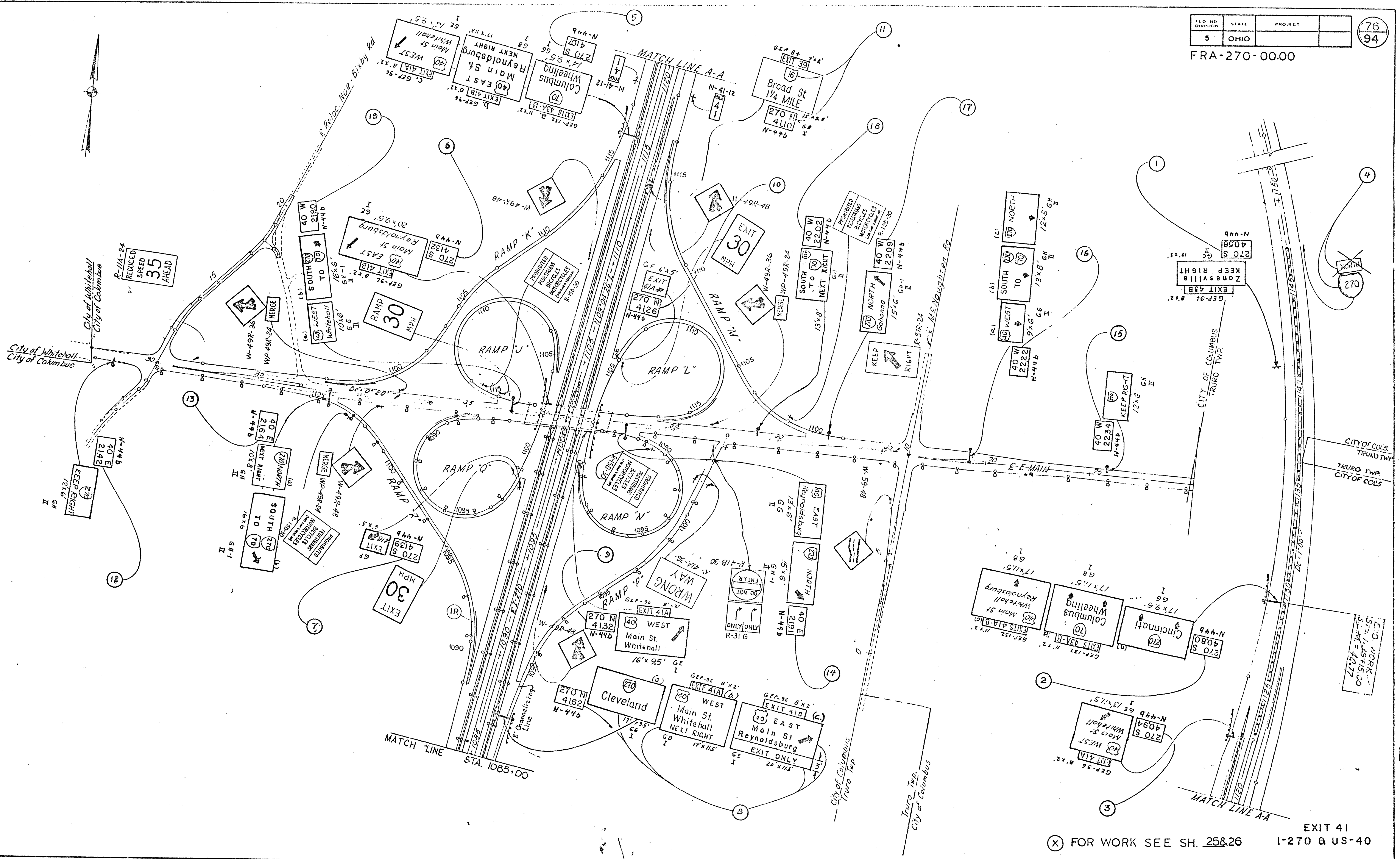
(X) FOR WORK SEE SH. 23

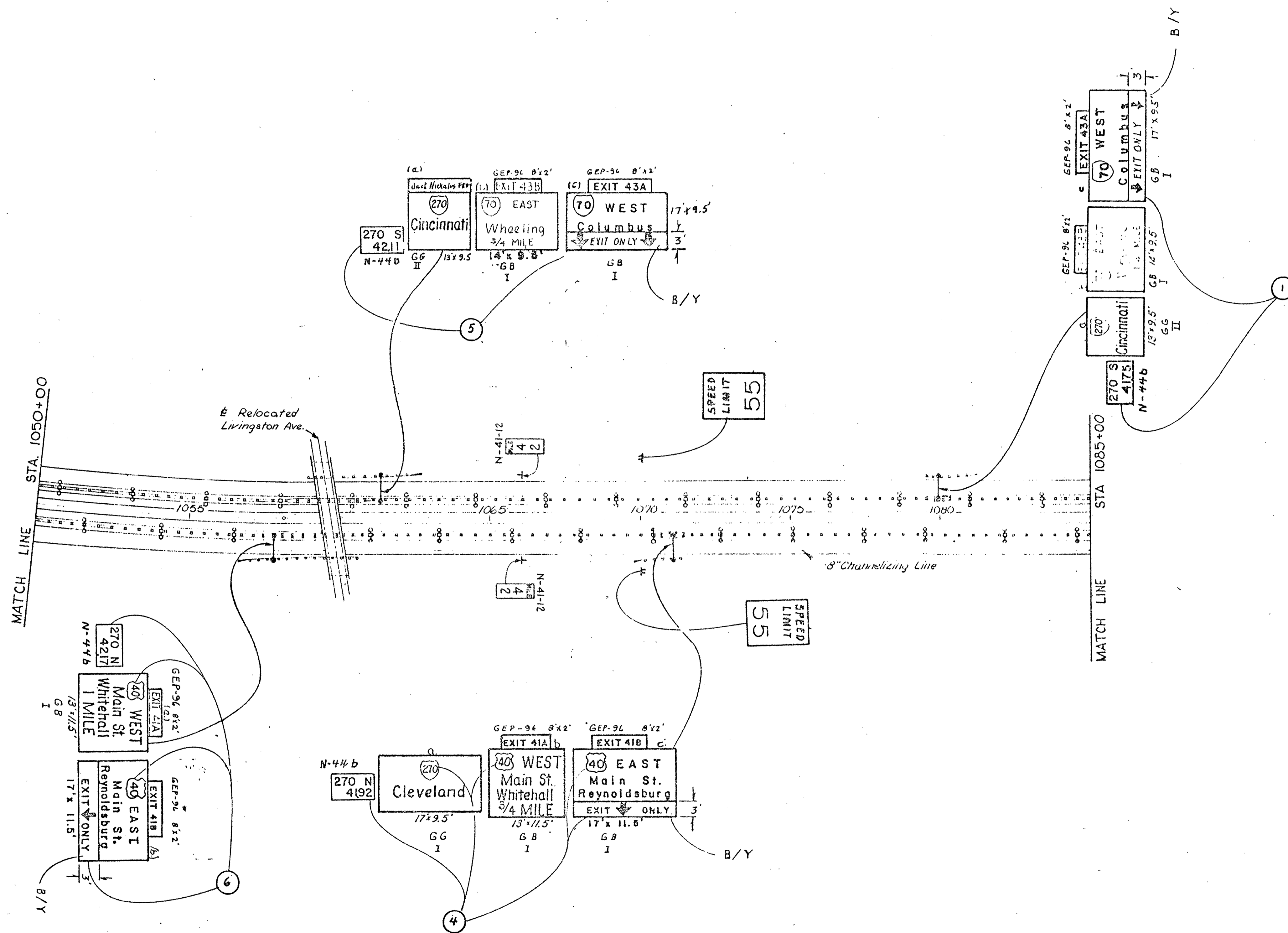
FRA-270-00.00

BEGIN PROJECT

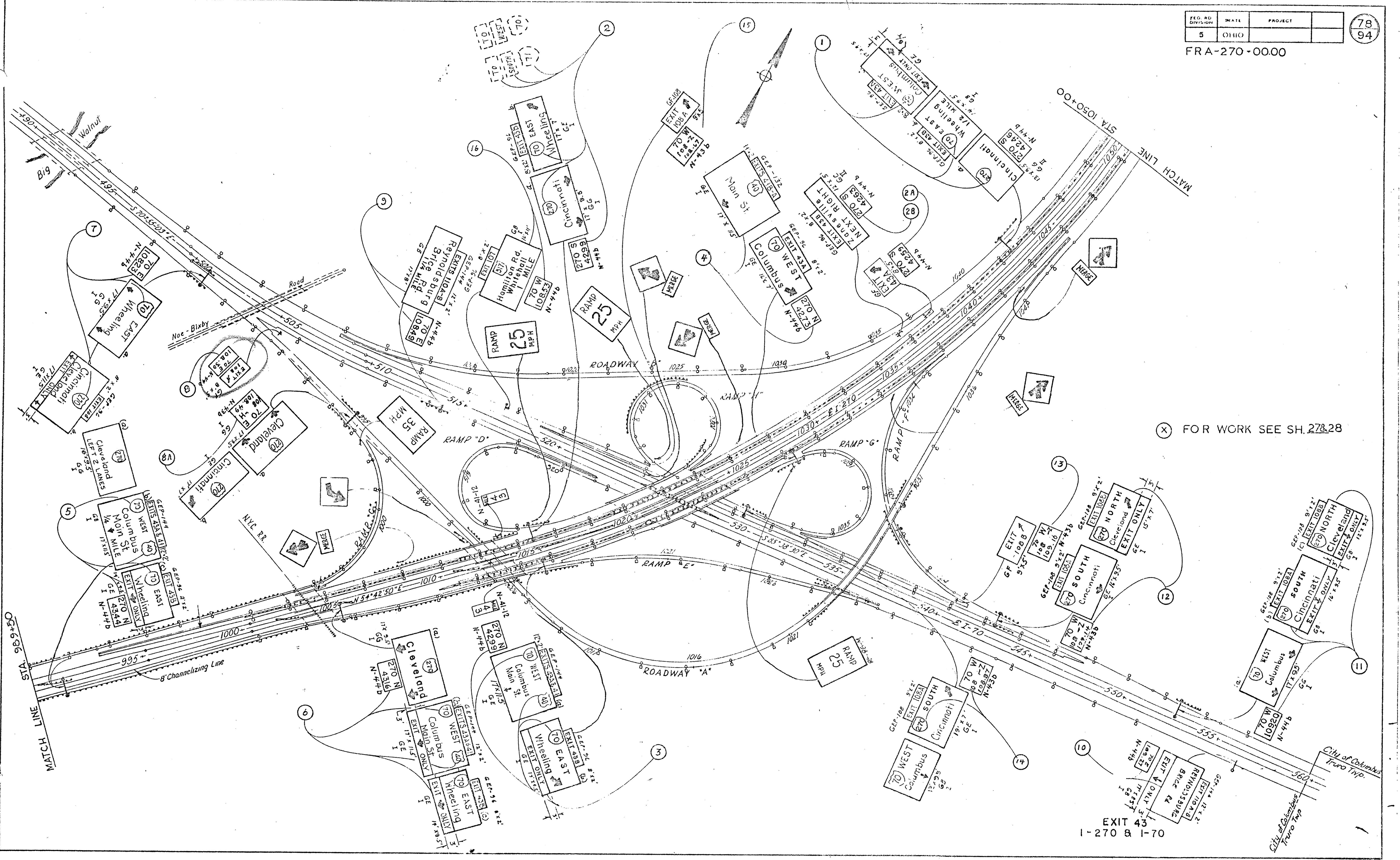


(X) FOR WORK SEE SH. 25





(X) FOR WORK SEE SH. 26&27



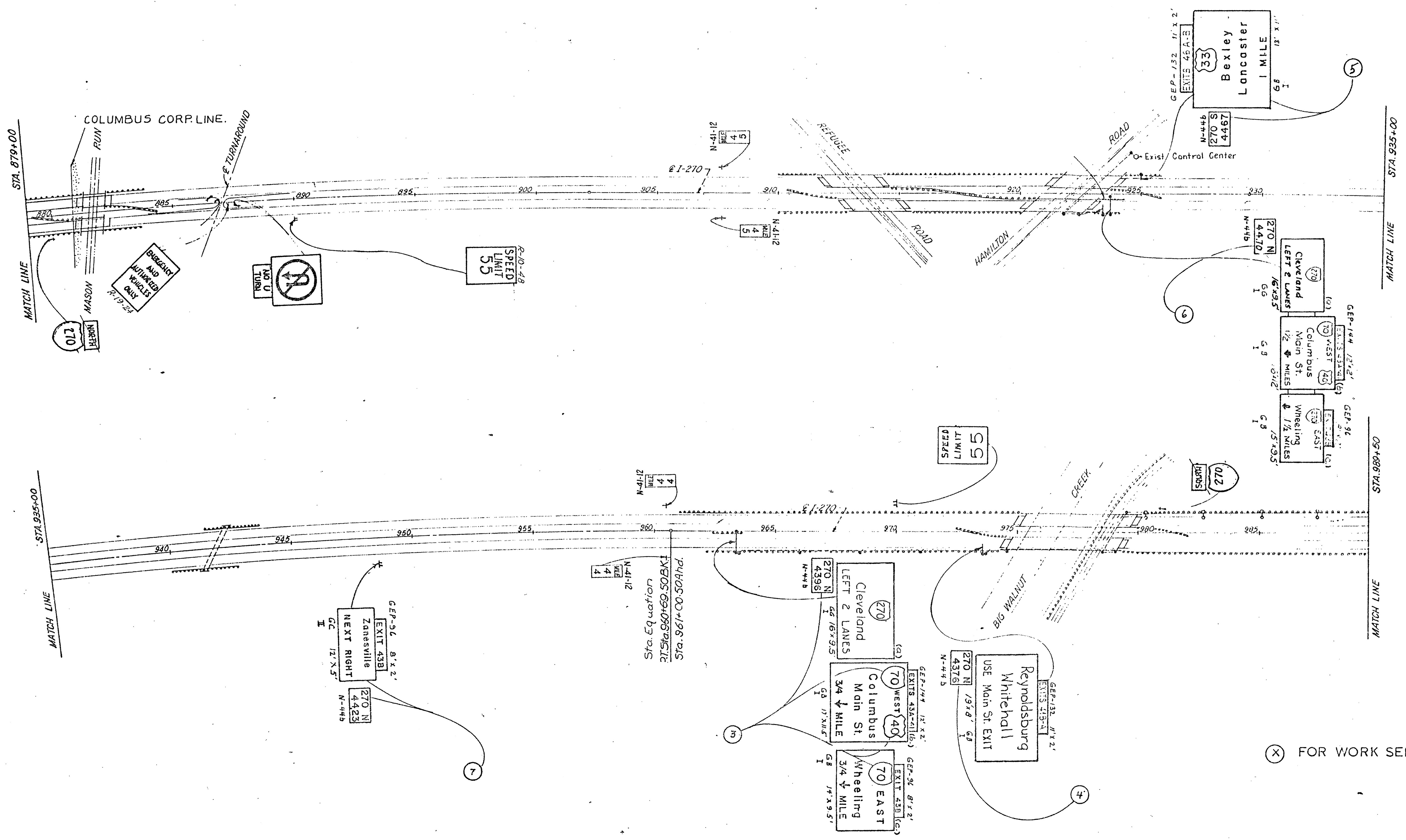
(X) FOR WORK SEE SH. 27&28

EXIT 43
I-270 & I-70

FED. NO. DIVISION	STATE	PROJECT	
5	OHIO		

79
94

FRANKLIN COUNTY
FRA-270-0.00 S

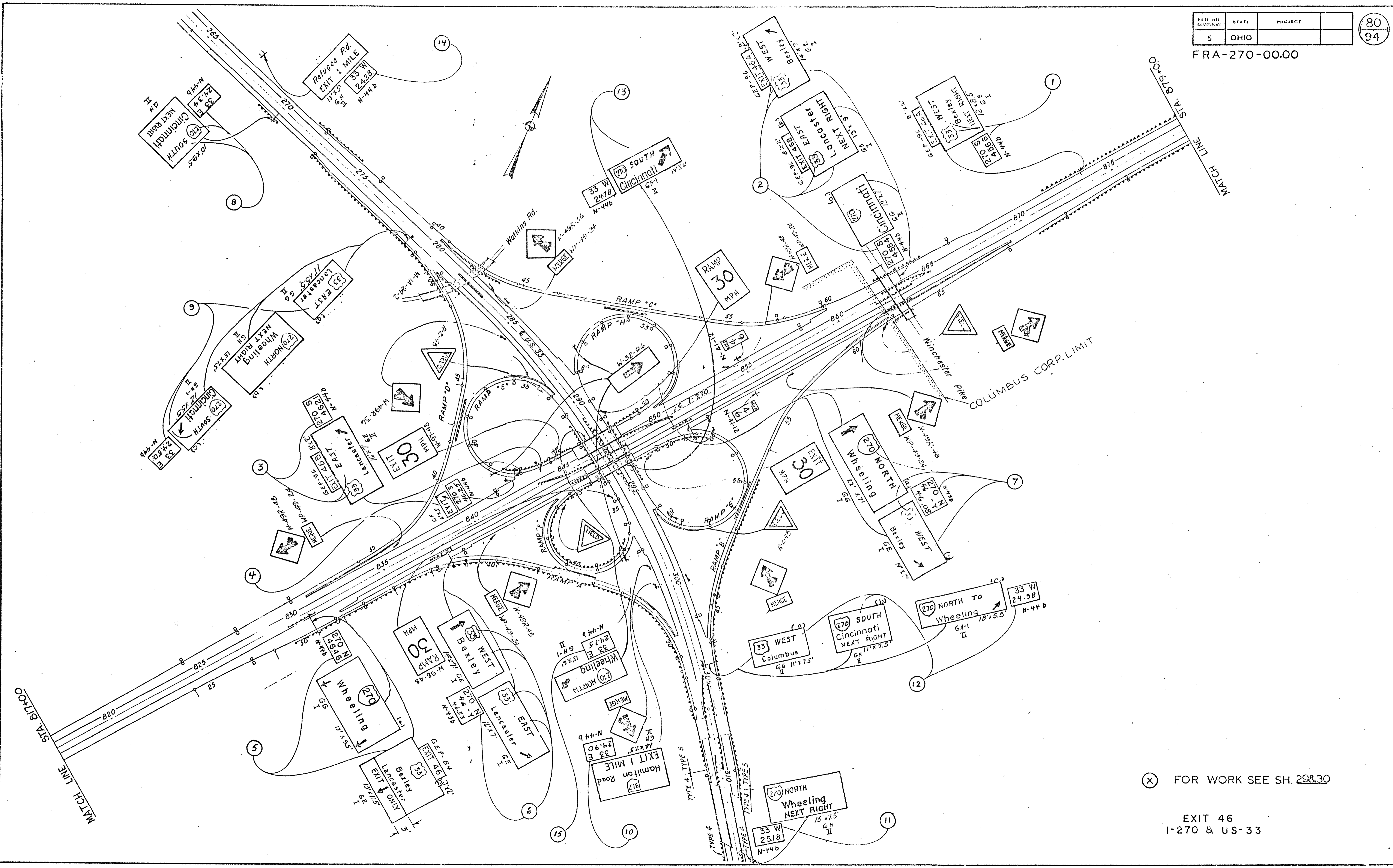


(X) FOR WORK SEE SH. 29

FED. RD. DISTRICT	STATE	PROJECT
5	OHIO	

80
94

FRA-270-00.00



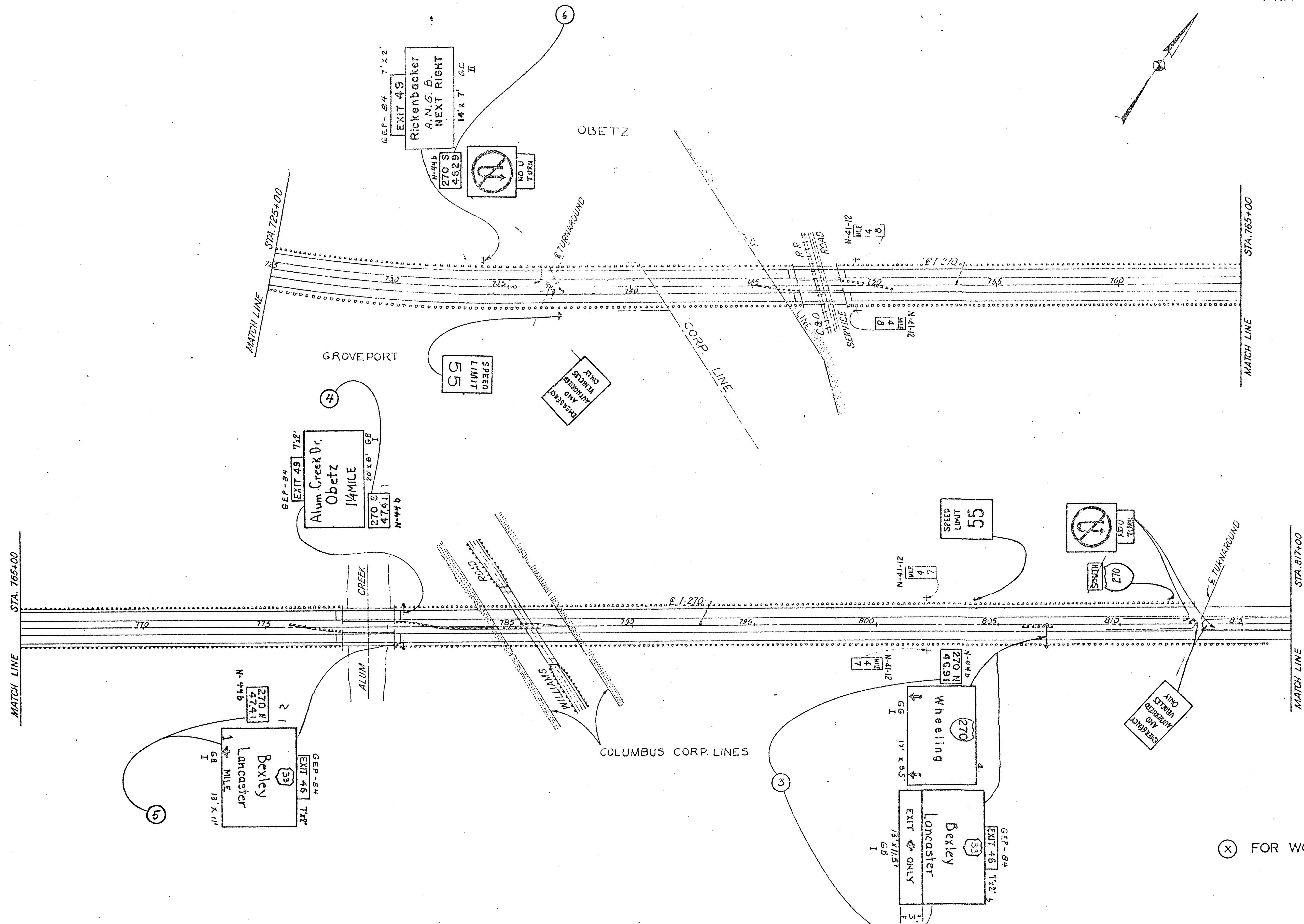
(X) FOR WORK SEE SH. 29830

EXIT 46
I-270 & US-33

FED. RD. DIVISION	STATE	PROJECT
5	OHIO	

81
94

FRA-270-00.00

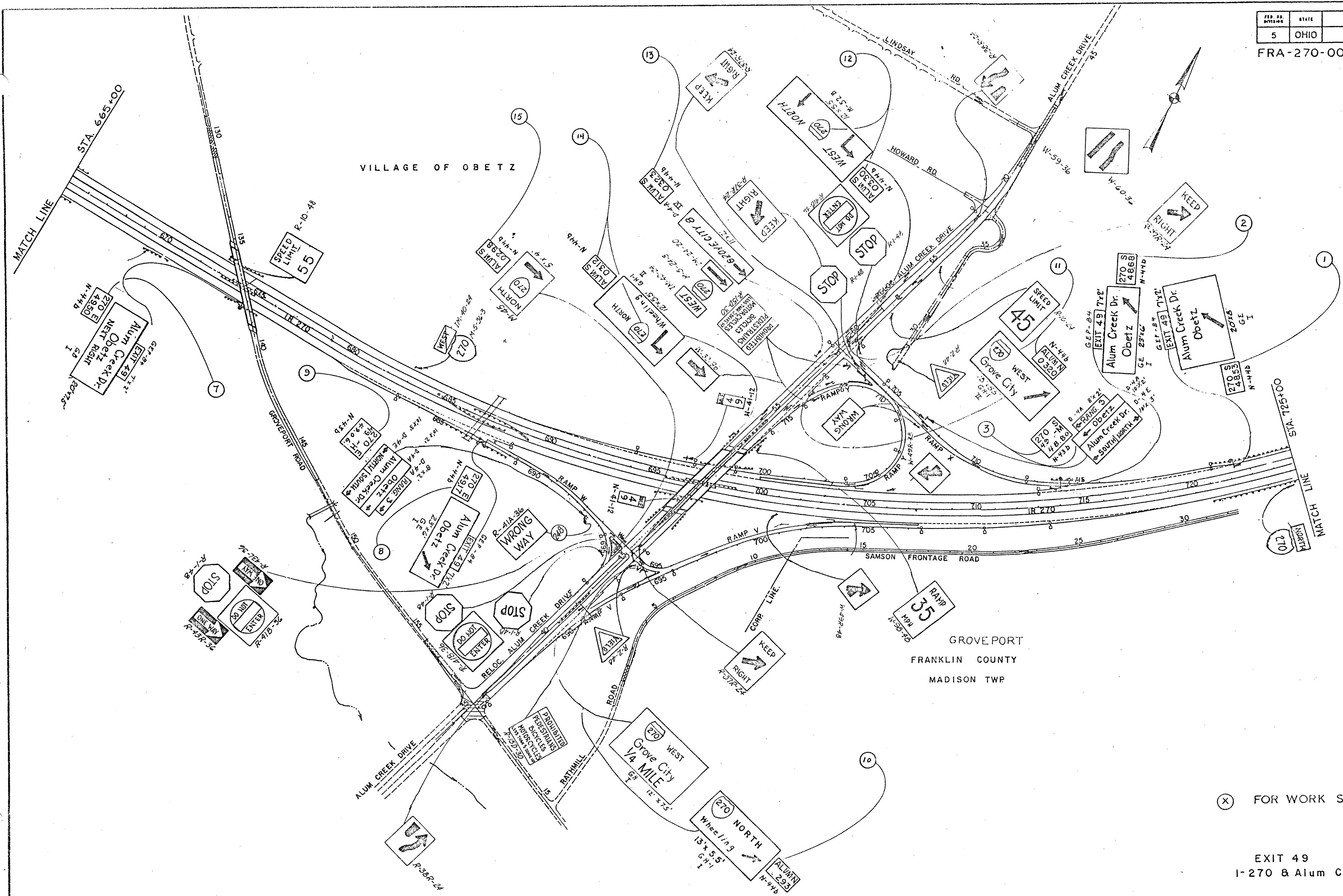


(X) FOR WORK SEE SH. 30

FED. DIST.	STATE	PROJECT
5	OHIO	

82
94

FRA-270-00.00



(X) FOR WORK SEE SH 31

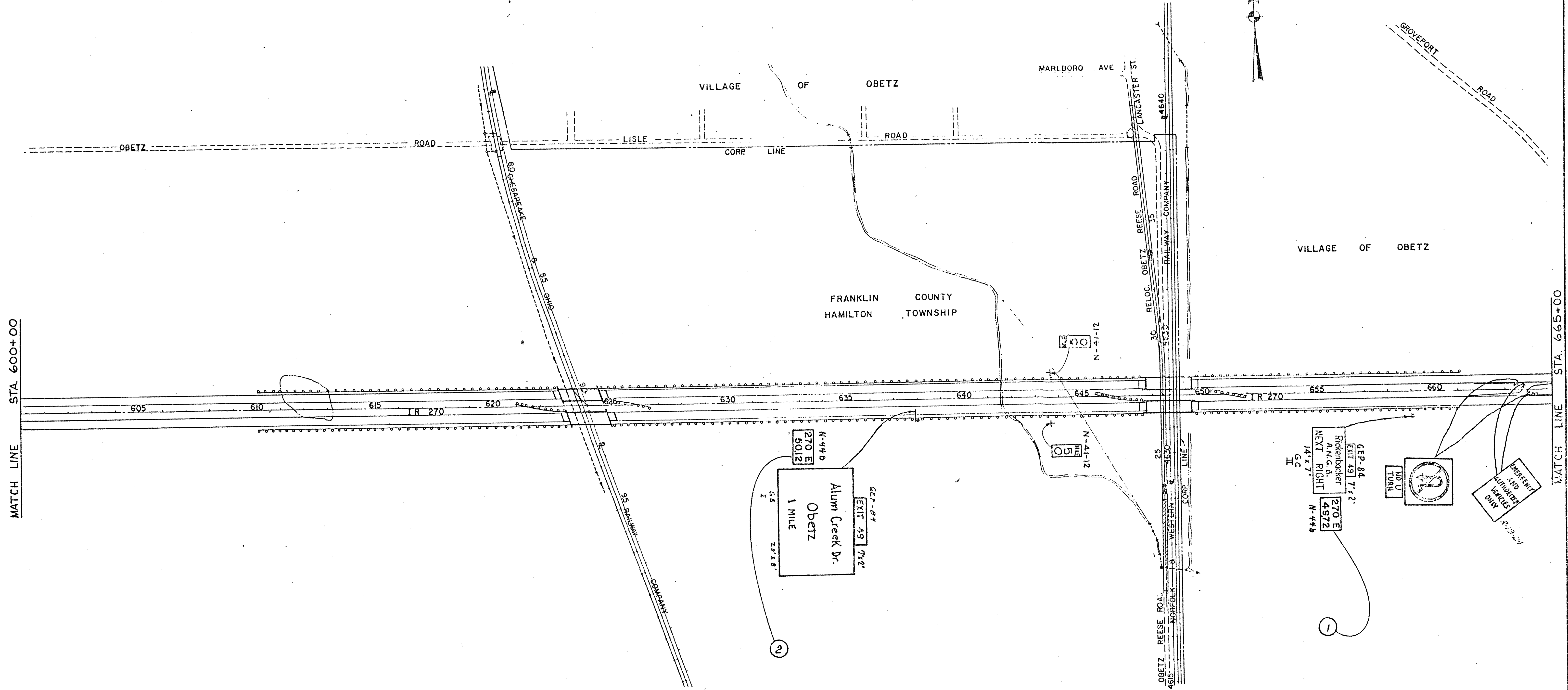
EXIT 49
I-270 & Alum Creek Dr.

IR 270 STA. 665+00 TO STA. 725+00

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

83
94

FRA-270-00.00



GEP-84
 EXIT 49 7'x2'
 Rickenbacker
 A.N.C. Co.
 NEXT RIGHT
 14'x7'
 G.C. II

270 E
 4572
 N-44b

270 E
 5012
 N-44b

270 E
 5012
 N-44b

270 E
 5012
 N-44b

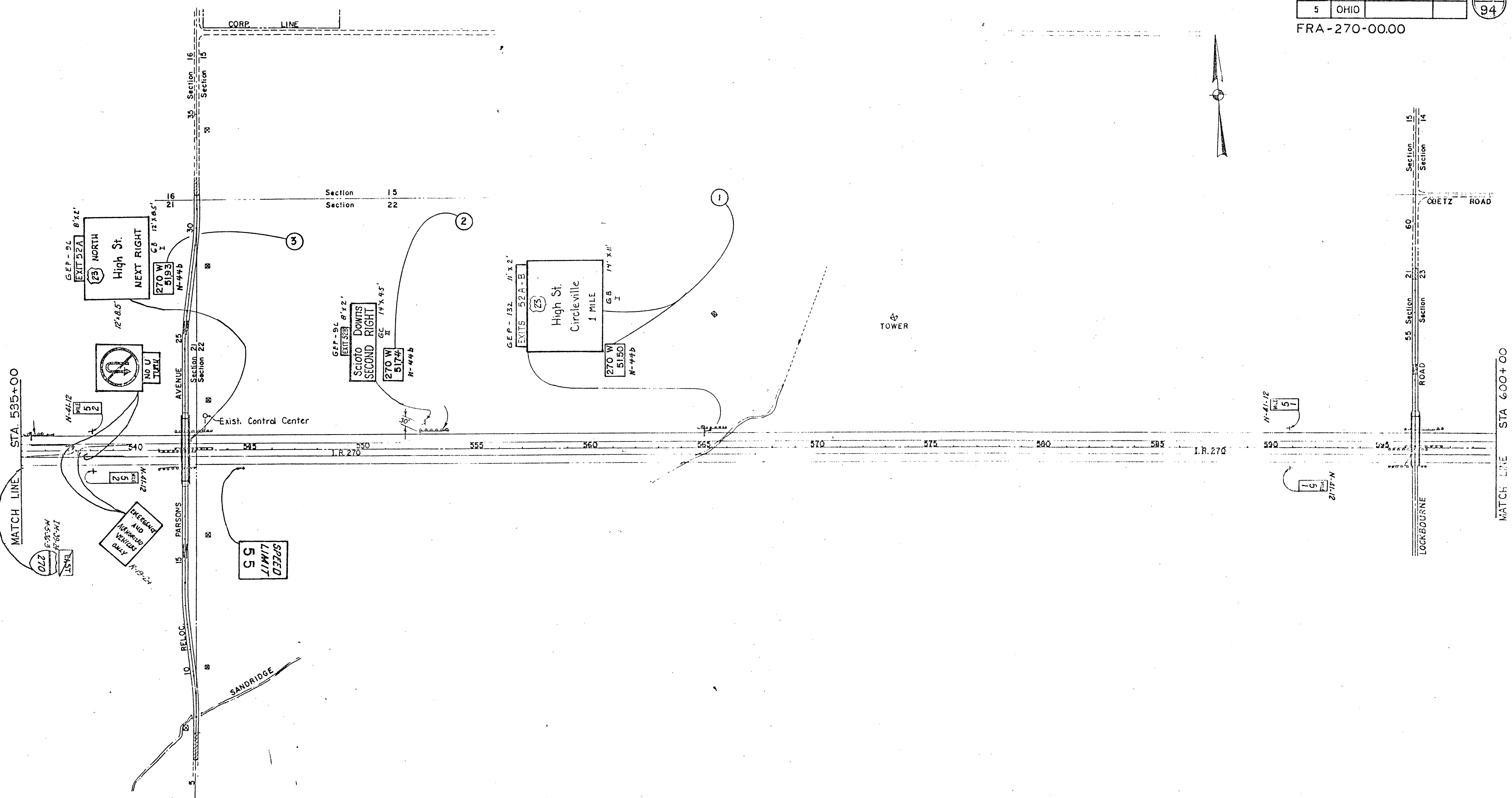
270 E
 5012
 N-44b

(X) FOR WORK SEE SH. 31

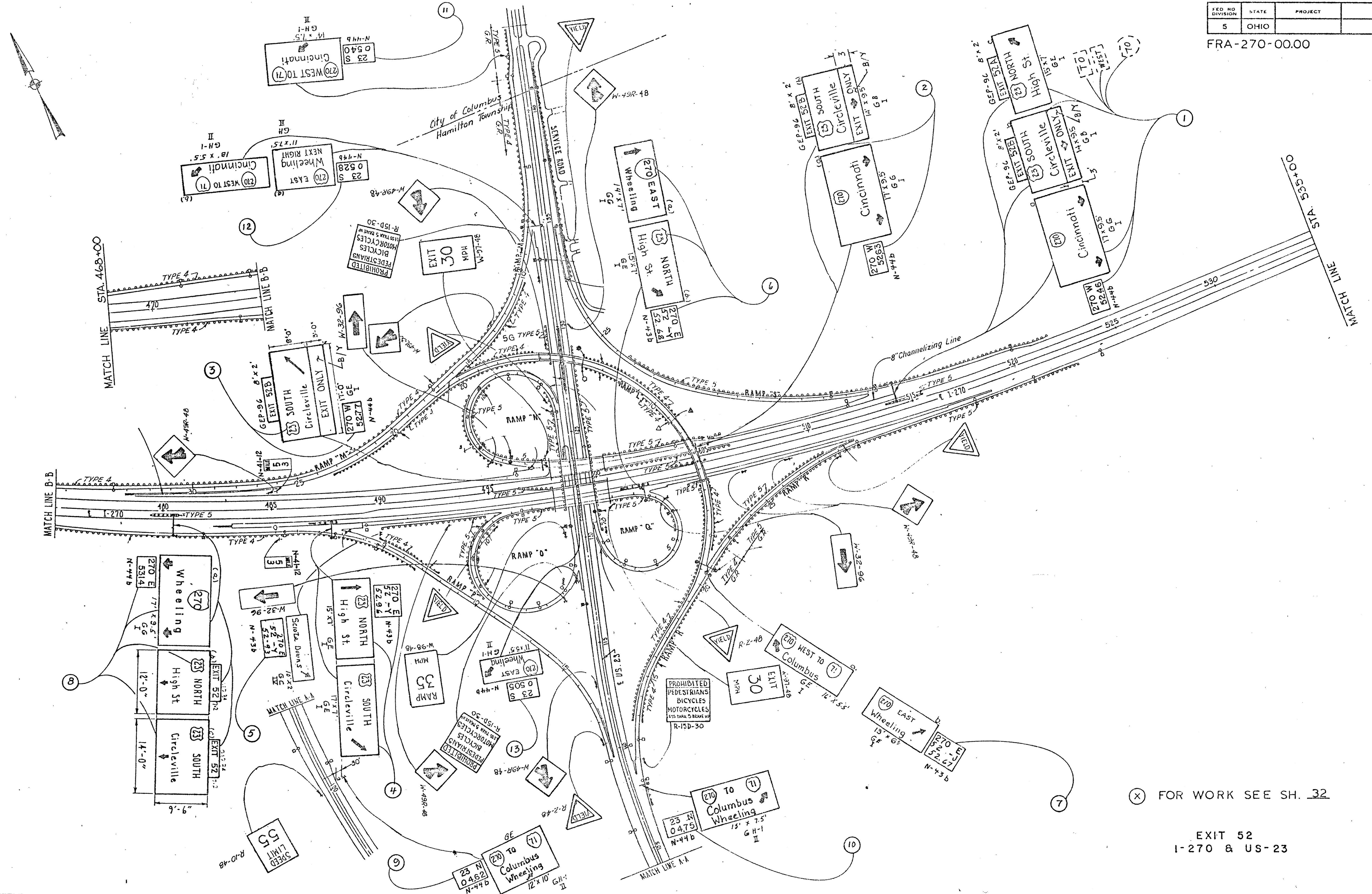
FED. RD. DIVISION	STATE	PROJECT
5	OHIO	

84
94

FRA-270-00.00



(X) FOR WORK SEE SH. 31



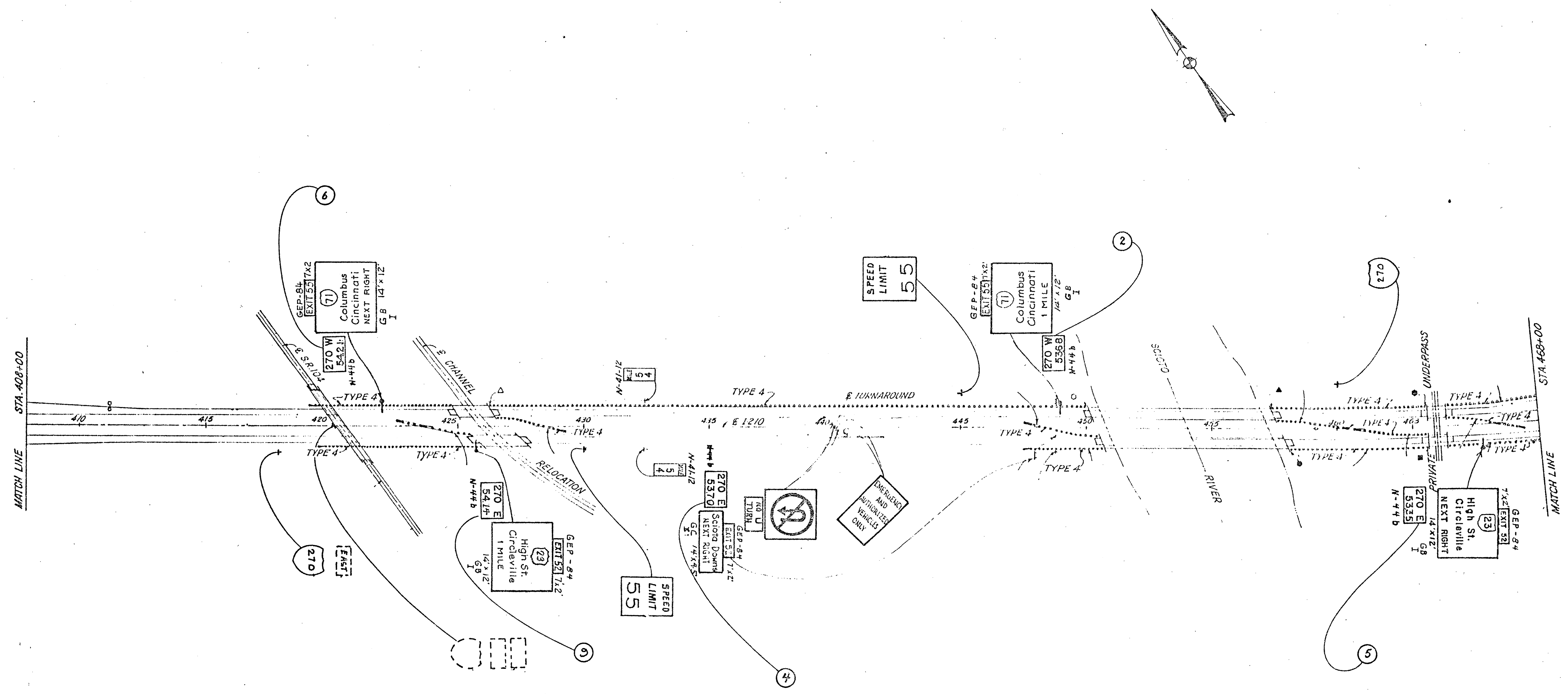
(X) FOR WORK SEE SH. 32

EXIT 52
I-270 & US-23

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

86
94

FRA-270-00.00



(X) FOR WORK SEE SH. 328.33