

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

**LUC-75 / 475-8.42 / 14.50**

LUCAS COUNTY  
CITY OF TOLEDO  
WASHINGTON TOWNSHIP

**PROJECT DESCRIPTION**

A DISTRICT FUNDED PROJECT TO RESURFACE A SECTION OF I-75 FROM -280 TO MICHIGAN STATE LINE AND I-475 FROM DOUGLAS RD TO I-75 IN LUCAS COUNTY.

**EARTH DISTURBED AREAS**

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

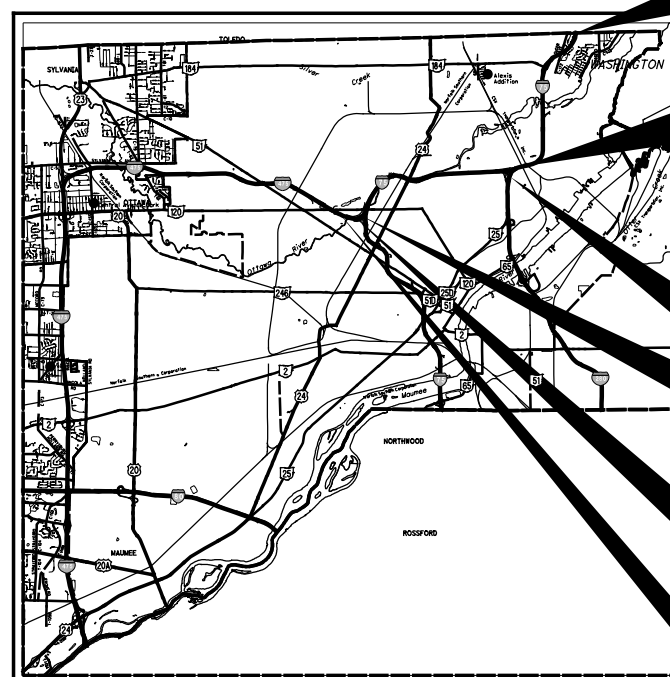
**LIMITED ACCESS**

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

**2019 SPECIFICATIONS**

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

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEETS 20-23, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.



END WORK  
STA. 539+50.00  
SLM - 11.86  
IR 75

BEGIN PROJECT  
STA. 363+89.69  
SLM - 8.42  
IR 75

BEGIN WORK  
STA. 349+85  
LANE A  
STA. 19+54  
RAMP LL

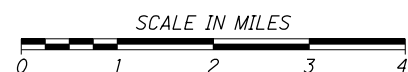
END WORK  
STA. 353+16.50  
RAMP N-W  
STA. 354+40.80  
RAMP S-W

END PROJECT  
STA. 345+41.69  
SLM - 15.77  
IR 475

BEGIN WORK  
STA. 267+00.00  
SLM - 14.50  
IR 475

LOCATION MAP

LATITUDE: N41°41'19" LONGITUDE: W83°32'40"



PORTION TO BE IMPROVED	-----
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	-----
STATE ROUTES	-----
COUNTY & TOWNSHIP ROADS	-----
OTHER ROADS	-----

**DESIGN DESIGNATION**

CURRENT ADT (2021)	85000	92000
DESIGN YEAR ADT (2031)	91000	100000
DESIGN HOURLY VOLUME (2031)	8200	10000
DIRECTIONAL DISTRIBUTION	52%	50%
TRUCKS (24 HOUR B&C)	25%	11%
DESIGN SPEED	65MPH/70MPH	60MPH
LEGAL SPEED	60MPH/65MPH	65MPH
DESIGN FUNCTIONAL CLASSIFICATION:	URBAN INTERSTATE	URBAN INTERSTATE

LUC-75: 8.42-11.86	LUC-475: 14.50-16.42
85000	92000
91000	100000
8200	10000
52%	50%
25%	11%
65MPH/70MPH	60MPH
60MPH/65MPH	65MPH
URBAN INTERSTATE	URBAN INTERSTATE

NHS PROJECT ----- N/A

**DESIGN EXCEPTIONS**

NONE

**INDEX OF SHEETS:**

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**UNDERGROUND UTILITIES**  
Contact Two Working Days Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non-members must be called directly)

PLAN PREPARED BY:

ODOT-DISTRICT 2  
PRODUCTION

ENGINEERS SEAL: 	ENGINEERS SEAL: 
SIGNED: Julie M. Fahy DATE: 12-10-20	SIGNED: David J. Geckle DATE: 12-11-20

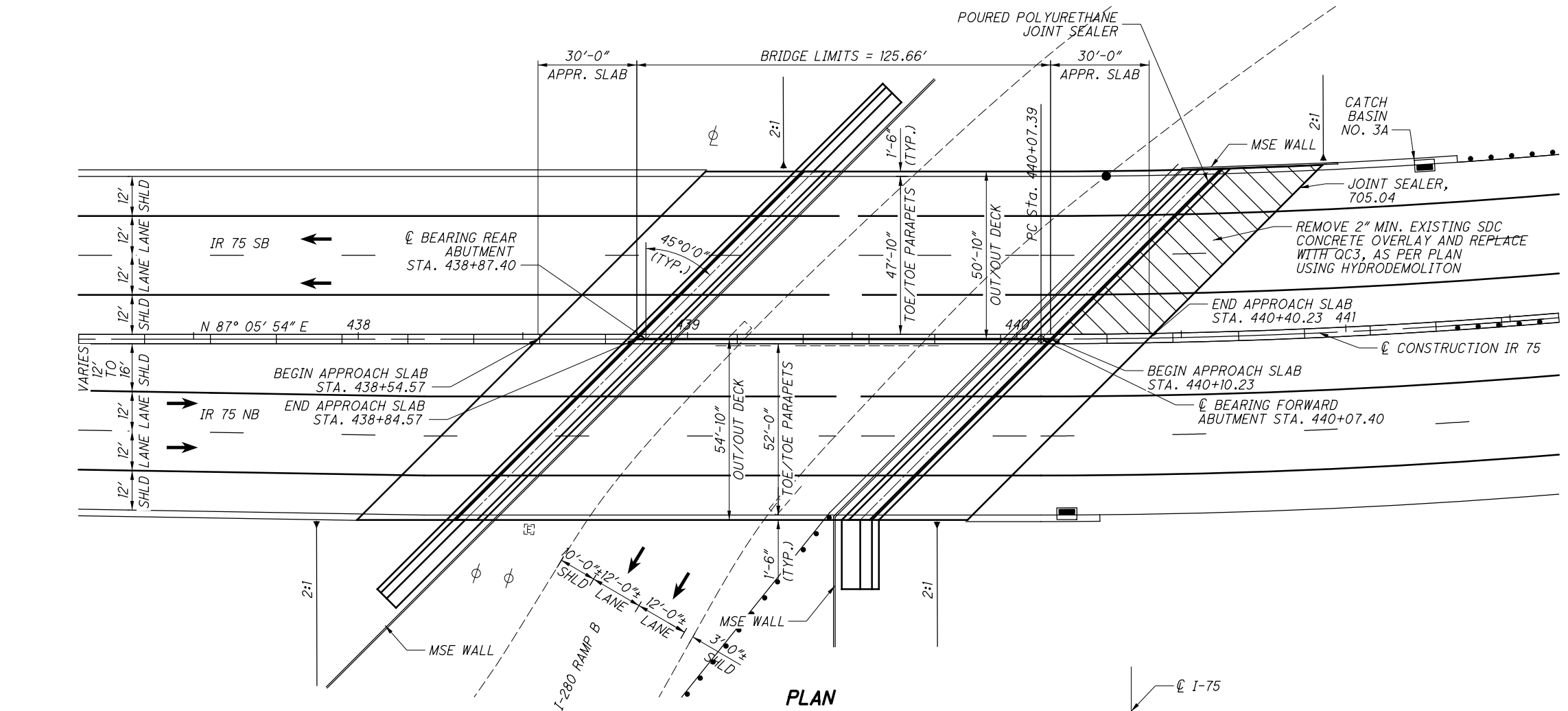
STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-2.5	7/19/13	RM-1.1	7/18/14	TC-65.10	1/17/14	800-2019	01/15/21
BP-3.1	01/17/20			TC-65.11	7/21/17	832	10/19/18
BP-3.2	1/18/19	MT-95.30	7/19/19	TC-71.10	1/19/18	848	1/20/17
BP-6.1	7/19/13	MT-95.45	1/17/20	TC-72.20	7/20/18	875	1/18/19
		MT-95.50	7/21/17			807	7/17/20
DM-4.3	1/15/16	MT-98.10	1/17/20				
DM-4.4	1/15/16	MT-98.11	1/17/20				
		MT-98.20	4/19/19				
MGS-1.1	1/19/18	MT-98.22	1/17/20				
MGS-2.1	1/19/18	MT-99.60	7/15/16				
MGS-3.1	1/19/18	MT-101.90	7/17/20				
MGS-3.2	1/18/13	MT-102.20	4/19/19				
MGS-4.2	7/19/13	MT-104.10	10/16/15				
MGS-4.3	1/18/13	MT-101.60	1/17/20				
MGS-6.1	1/19/18	TC-61.30	7/19/19				

APPROVED:   
DATE: 12/9/20 DISTRICT DEPUTY DIRECTOR

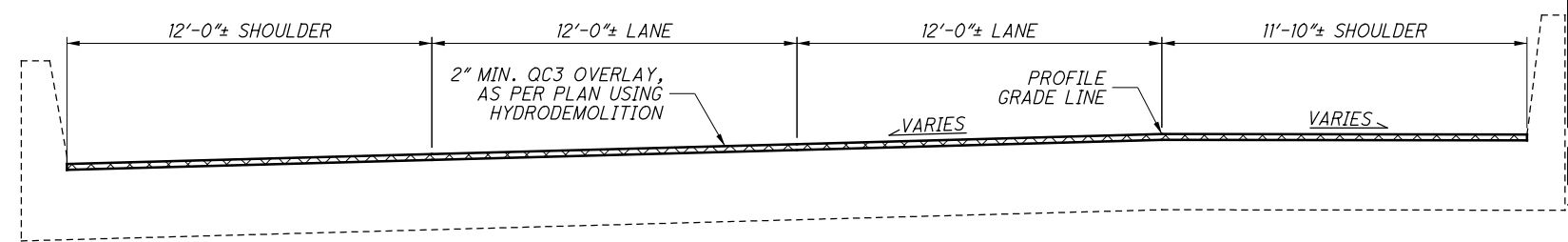
APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. E101084  
CONSTRUCTION PROJECT NO. 88563  
RAILROAD INVOLVEMENT ANN ARBOR RR / CSX RR CANADIAN NATIONAL RR  
LUC-75 / 475-8.42 / 14.50  
1/115

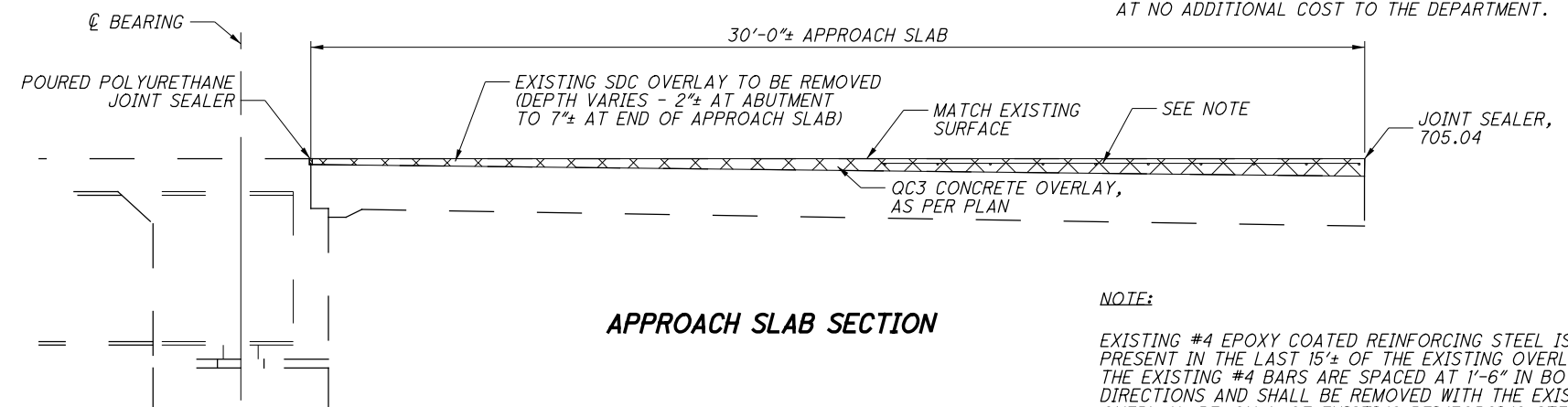
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QC3 OVERLAY, AS PER PLAN



**TRANSVERSE SECTION**  
(SOUTHBOUND FORWARD APPROACH SLAB)



**APPROACH SLAB SECTION**

THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN REMOVING THE EXISTING CONCRETE OVERLAY SO AS TO NOT CAUSE DAMAGE TO THE EXISTING CONCRETE DECK OR ASPHALT PAVEMENT. ANY DAMAGE CAUSED BY THE CONTRACTOR TO THE DECK OR ASPHALT SHALL BE REPAIRED AT THE APPROVAL OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

**NOTE:**  
EXISTING #4 EPOXY COATED REINFORCING STEEL IS PRESENT IN THE LAST 15'± OF THE EXISTING OVERLAY. THE EXISTING #4 BARS ARE SPACED AT 1'-6" IN BOTH DIRECTIONS AND SHALL BE REMOVED WITH THE EXISTING OVERLAY. REMOVAL OF EXISTING REINFORCING STEEL SHALL BE INCLUDED WITH ITEM 848 - EXISTING CONCRETE OVERLAY REMOVED FOR PAYMENT.

- PROPOSED WORK (SOUTHBOUND):**
1. SET UP MAINTENANCE OF TRAFFIC RE-DIRECTING ALL TRAFFIC TO THE I-280 RAMP AS PER MOT PLANS.
  2. REMOVE EXISTING SDC CONCRETE OVERLAY FROM SOUTHBOUND FORWARD APPROACH SLAB USING HYDRODEMOLITION.
  3. PLACE QC3 CONCRETE, AS PER PLAN ON SOUTHBOUND FORWARD APPROACH SLAB AND CURE AS PER PLAN NOTE.
  4. PLACE JOINT SEALER AND OPEN BRIDGE TO TRAFFIC.

**EXISTING STRUCTURE**

TYPE: SINGLE SPAN STEEL PLATE GIRDER COMPOSITE WITH REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPAN: 120'-0" C/C BEARINGS ALONG EXTENDED TANGENT

ROADWAY: 47'-7" TOE/TOE PARAPETS (LEFT)  
51'-7" TOE/TOE PARAPETS (RIGHT)

LOADING: HL-93, 60 PSF (FWS)

SKEW: 45°00'00" L.F. ALONG EXTENDED TANGENT

APPROACH SLABS: 30'-0" LONG (AS-1-81)

WEARING SURFACE: MONOLITHIC CONCRETE

ALIGNMENT: TANGENT AND 3°00'00" CURVE LEFT

CROWN: VARIES

STRUCTURAL FILE NUMBER: 4804333

COORDINATES: LATITUDE N 41° 41' 24.80"  
LONGITUDE W 83° 31' 0.24"

DATE BUILT: 2016

DECK AREA: 13,287 SF

DESIGN AGENCY	OHIO DEPARTMENT OF TRANSPORTATION
DATE	MM/DD/YY
REVIEWED	XXX
DRAWN	DJG
DESIGNED	DJG
CHECKED	XXX
STRUCTURE FILE NUMBER	4804333
LUCAS COUNTY	STA. 0+00
	STA. 0+00
<b>SITE PLAN</b>	BRIDGE NO. LUC-75-0817
	I-75 OVER I-280 SB
<b>LUC-75 / 475</b>	
<b>7.82 / 14.50</b>	
<b>PID No. 88563</b>	
1 / 13	
115A	
115	

**ESTIMATED QUANTITIES (02/IMS/BR)**

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	SUPER.	GEN.	SEE SHEET
509	10000	1798	LB	EPOXY COATED REINFORCING STEEL			1798	
511	53014	20	CY	CLASS QC3 CONCRETE, MISC.:CONCRETE OVERLAY			20	3
SPECIAL	51160000	160	SY	BRIDGE DECK GROOVING			160	
SPECIAL	51614010	68	FT	POURED POLYURETHANE JOINT SEAL			68	3
516	31000	68	FT	JOINT SEALER, 705.04			68	
848	20001	160	SY	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN			160	3
848	50000	80	SY	HAND CHIPPING			80	
848	50321	160	SY	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN			160	1

**STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS**

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

848 DATED/REVISED 1-20-17

**MAINTAINING TRAFFIC**

ALL WORK ON STRUCTURE LUC-75-0817 SHALL BE COMPLETED UTILIZING THE MAINTENANCE OF TRAFFIC PROVIDED IN THE PLANS.

**EXISTING STRUCTURE VERIFICATION**

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTION 102.05.

CONTRACT BID PRICES SHALL BE BASED UPON RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

**ITEM 516 SPECIAL - POURED POLYURETHANE JOINT SEALER**

MATERIALS: SUPPLY A CONTINUOUS SEAL CONSISTING OF A SELF-LEVELING, TRAFFIC GRADE POLYURETHANE SEALANT AND BOND BREAKER TAPE OR BACKER ROD WITH THE FOLLOWING PROPERTIES.

A. POLYURETHANE SEALANT: SUPPLY A TWO PART, CHEMICALLY-CURING, COLD APPLIED, A SELF-LEVELING POLYURETHANE MEETING ASTM C 920 CLASS 25, TYPE M, GRADE P, USE T: EXHIBITING THE PHYSICAL PROPERTIES LISTED IN THE TABLE BELOW AT 80°F AND 50% RELATIVE HUMIDITY. INSTALL THE POLYURETHANE SEALANT UTILIZING A BOND BREAKER TAPE OR BACKER ROD SPECIFIED IN PART (B).

PHYSICAL PROPERTIES	TEST METHOD	REQUIREMENT
ELONGATION (%)	ASTM D412	600%
TENSION STRENGTH, (PSI)	ASTM D412	150 PSI
HARDNESS (SHORE A) AFTER HEAT AGING	ASTM D661	25-35
MAXIMUM MOVEMENT CAPABILITY	ASTM C719	+/- 25%
SERVICE TEMPERATURE RANGE	MANUFACTURER'S DATA SHEET	-30 DEGREES F TO 120 DEGREES F
FULL CURE HOURS	MANUFACTURER'S DATA SHEET	48 HOURS
POLYMERIC BASE	MANUFACTURER'S DATA SHEET	POLYURETHANE
VOC CONTENT (G/L) BASE AND ACTIVATOR	ASTM D3960	0 G/L

B. BOND BREAKER TAPE: SUPPLY LOW DENSITY POLYURETHANE BOND BREAKER TAPE WITH ACRYLIC BASED PRESSURE SENSITIVE ADHESIVE ON ONE SIDE OR BACKER ROD WHICH EXHIBITS THE PHYSICAL PROPERTIES LISTED IN THE TABLE BELOW.

PHYSICAL PROPERTIES	TEST METHOD	REQUIREMENT
SUBSTRATE THICKNESS (INCH) MINIMUM	PSTC-33 (PRESSURE SENSITIVE TAPE COUNSEL)	0.0007 INCH
TOTAL THICKNESS (INCH) MINIMUM	PSTC-33	0.008 INCH
TENSILE STRENGTH (LBS)	ASTM D3759	15 LBS
APPLICATION TEMPERATURE	MANUFACTURER'S DATA SHEET	50 DEGREES F TO 120 DEGREES F
WIDTH	MANUFACTURER'S DATA SHEET	1 1/2 INCH MIN.

PROTECTION OF PERSONS AND PROPERTY: COLLECT, REMOVE, AND DISPOSE OF ALL BUCKETS, RAGS OR OTHER DISCARDED MATERIALS AND LEAVE THE JOB SITE IN A CLEAN CONDITION.

PROTECT ALL PORTIONS OF THE STRUCTURE THAT ARE NOT TO BE SEALED FROM DAMAGE OR DISFIGUREMENT BY SPLASHES, SPATTERS, OVER SPRAY AND SMIRCHES OF SEALER MATERIALS.

IF THE CONTRACTOR CAUSES DIRECT OR INDIRECT DAMAGE OR INJURY TO PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL RESTORE THE PROPERTY, TO A CONDITION SIMILAR OR EQUAL TO THE CONDITION EXISTING BEFORE THE DAMAGE OR INJURY.

POLLUTION CONTROL: COMPLY WITH POLLUTION CONTROL LAWS, RULES, OR REGULATIONS OF FEDERAL, STATE OR LOCAL AGENCIES AND REQUIREMENTS OF THIS SPECIFICATION.

SAFETY REQUIREMENTS AND PRECAUTIONS: COMPLY WITH APPLICABLE SAFETY REQUIREMENTS OF THE OHIO INDUSTRIAL COMMISSION AND OSHA. PROVIDE MATERIALS SAFETY DATA SHEETS (MSDS) AT THE PRE CONSTRUCTION MEETING FOR ALL MATERIALS AND ABRASIVES USED ON THIS PROJECT. DO NOT BEGIN WORK UNTIL SUBMITTING THE MSDS TO THE ENGINEER.

WORK LIMITATIONS: PERFORM THE WORK WITHIN THE FOLLOWING LIMITS.

A. TEMPERATURE. DO NOT ABRASIVELY BLAST OR INSTALL SEAL BELOW 50°F.

B. MOISTURE. DO NOT ABRASIVELY BLAST OR INSTALL SEAL:

- IF THE JOINT SURFACE TO BE SEALED IS WET, DAMP, FROSTED, OR ICE-COATED.
- DURING PERIODS OF RAIN, FOG, OR MIST.
- IF THE TEMPERATURE OF THE SURFACES TO BE SEALED ARE LESS THAN 5°F ABOVE THE DEW POINT.
- IF THE RELATIVE HUMIDITY IS GREATER THAN 85 PERCENT.
- IF PRECIPITATION IS EXPECTED WITHIN 24 HOURS OF STARTING THE ABRASIVE BLASTING AND SEALING OPERATIONS.

REMOVAL: REMOVE AND DISPOSE OF ALL EXISTING JOINT OR CRACK SEALERS

PRE-CLEANING: NOT MORE THAN 24 HOURS PRIOR TO ABRASIVE BLASTING REMOVE NON-VISIBLE AND VISIBLE CONTAMINATION FROM THE JOINT SURFACES TO BE SEALED USING A 5000PSI (35 MPA) PRESSURE WASHER WITH A 10 INCH (300MM) STAND OFF DISTANCE AT A RATE NOT TO EXCEED 5 LINEAR FEET (1.4M2) PER MINUTE. SUPPLY PRESSURIZED HOT WATER CONTAINING A SOLUTION OF POTABLE WATER WITH A COMMERCIALY AVAILABLE BIODEGRADABLE SALT REMOVER FOLLOWED BY A POTABLE WATER RINSE. PRE CLEAN ALL JOINT SURFACES TO BE SEALED. THE SEALED LIMITS ARE THE VERTICAL SURFACES BEING PREPARED FOR THE SEAL INSTALLATION. ALLOW THE SURFACES TO COMPLETELY DRY PRIOR TO PERFORMING ABRASIVE BLASTING. DRYING CAN BE ACCELERATED WITH CLEAN COMPRESSED AIR.

ABRASIVE BLASTING: NOT MORE THAN 8 HOURS PRIOR TO SEAL INSTALLATION ABRASIVELY BLAST CLEAN ALL JOINT SURFACES

**ITEM 848 - SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN**

THE CONTRACTOR SHALL USE EXTREME CAUTION AND/OR UTILIZE APPROPRIATE PROTECTION WHILE PERFORMING HYDRODEMOLITION SO AS NOT TO CAUSE DAMAGE TO THE EXISTING REINFORCED CONCRETE DECK, APPROACH ASPHALT OR EXISTING PARAPETS. ANY DAMAGE CAUSED BY THE CONTRACTOR TO THE DECK, ASPHALT OR EXISTING STRUCTURE SHALL BE REPAIRED AT THE APPROVAL OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

ITEM 511 - CLASS QC3 CONCRETE, MISC.: CONCRETE OVERLAY

PORTLAND CEMENT CONCRETE  
499.03, CLASS QC3, W/MACRO-FIBERS\*  
FLEXURAL STRENGTH: 600 PSI IN 36 HOURS  
COMPRESSIVE STRENGTH: 4500 PSI AT 28 DAYS

COARSE AGGREGATE (NO. 8 SIZE)  
703.02.B SUPERSTRUCTURE

FINE AGGREGATE  
703.02.A PRE- WETTED, REPLACE 20% OF FINE AGGREGATE WITH LIGHTWEIGHT SAND (LWAS) BY WEIGHT.

PORTLAND CEMENT, TYPE I 701.04

WATER 499.02

CHEMICAL ADMIXTURE 705.12

AIR ENTRAINING ADMIXTURE 705.10

FIBERS FOR CONCRETE\*  
ASTM C 1116, TYPE III, MINIMUM 4 LB/CY

CONCRETE SHALL BE CURED AS PER C&MS 511.14.A METHOD A, WATER CURING FOR A MINIMUM OF 48 HOURS FOLLOWED BY C&MS 511.14.B MEMBRANE CURING AT A RATE OF 1 GALLON PER 150 SF OF SURFACE AREA ONCE DRY.

THE CONTRACTOR SHALL MAKE ONE OR MORE TRIAL BATCHES OF THE CLASS QC3 MATERIAL SPECIFIED HEREIN AT LEAST 7 DAYS BEFORE THE MATERIAL IS PLACED. THE MATERIAL SHALL BE CAST INTO ONE OR MORE SMALL TEST SLABS DEMONSTRATING THE ABILITY TO FINISH AND TEXTURE THE CONCRETE.

THE CONTRACTOR MAY USE A VIBRATORY SCREED TO PLACE THE OVERLAY CONCRETE.

ALL OTHER REQUIREMENTS OF C&MS SHALL APPLY.

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**ESTIMATED QUANTITIES AND GENERAL NOTES**

LUC-75 / 475  
7.82 / 14.50  
PID No. 88563

2 / 13

115B  
115

DESIGN AGENCY  
OHIO DEPARTMENT  
OF TRANSPORTATION

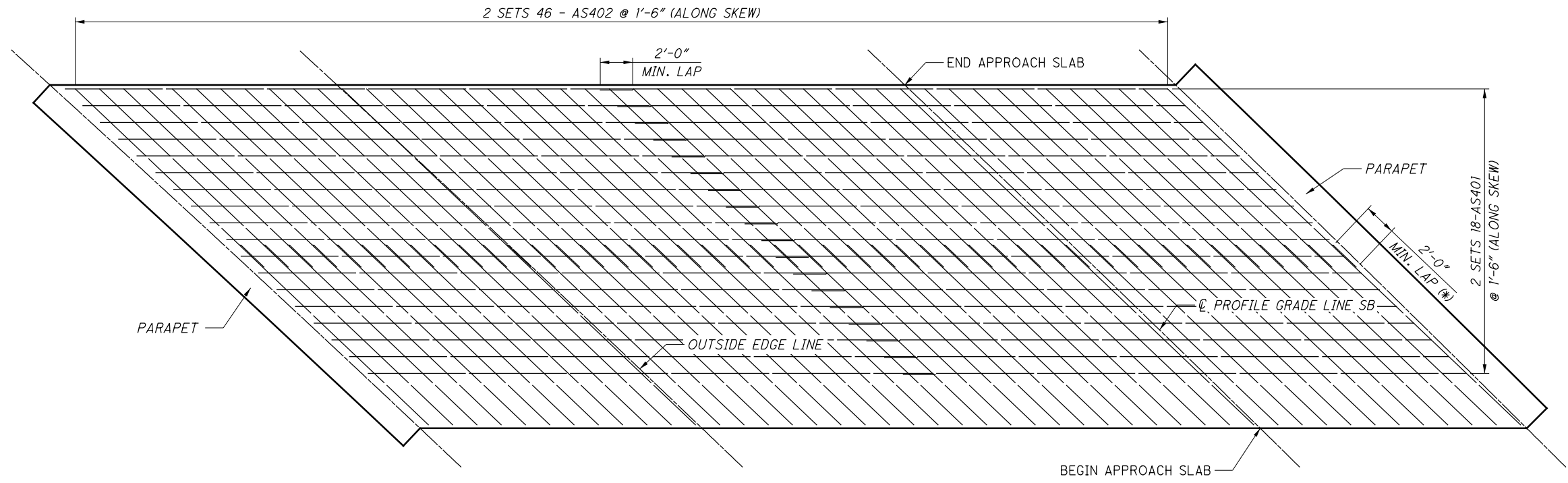
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XXX MM/DD/YY  
STRUCTURE FILE NUMBER  
4804333

DRAWN DUG  
DUG REVISIONS  
XXX

DESIGNED DUG  
CHECKED  
XXX

BRIDGE NO. LUC-75-0817  
I-75 OVER I-280 SB

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PLAN  
LEFT FORWARD APPROACH SLAB

\* - LAP SPLICE SHALL BE INCREASED SO AS TO PROVIDE A MINIMUM OF 2" CLEARANCE FROM THE TOP OF THE BAR TO THE TOP OF THE APPROACH SLAB OVERLAY.

APPROACH SLAB										
MARK	NUMBER	LENGTH	TYPE	WEIGHT	DIMENSIONS					
					A	B	C	D	E	INC.
AS401	36	34'-6"	STR	830						
AS402	92	15'-9"	STR	968						
TOTAL FOR APPROACH SLAB OVERLAY = 1798 LBS										

NOTE

ALL REINFORCING STEEL SHALL BE EPOXY COATED.

THE BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT INDICATES THE BAR SIZE. FOR EXAMPLE, AN A501 IS A #5 BAR. DIMENSIONS SHOWN ARE OUT TO OUT UNLESS OTHERWISE INDICATED. "R" INDICATES THE INSIDE RADIUS.

REINFORCING STEEL MAY REQUIRE FIELD CUTTING OR BENDING TO BE PROPERLY FITTED. PAYMENT SHALL BE INCLUDED WITH THE ASSOCIATED CONCRETE ITEM.

DESIGNED DUG XXX	DRAWN DUG XXX	REVIEWED XXX	DATE MM/DD/YY 4804333	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
<b>OVERLAY REINFORCING PLAN</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB				
LUC-75 / 475 7.82 / 14.50 PID No. 88563				
3 / 13				
115C 115				

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**ITEM 614, MAINTAINING TRAFFIC  
SPECIFIC TO STRUCTURE NO. LUC-75-0817.**

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

CHRISTMAS      FOURTH OF JULY  
NEW YEAR'S      LABOR DAY  
MEMORIAL DAY    THANKSGIVING

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

DAY OF HOLIDAY      TIME ALL LANES  
OR EVENT                MUST BE OPEN TO TRAFFIC

SUNDAY    12:00N FRIDAY THROUGH 6:00AM MONDAY  
MONDAY    12:00N FRIDAY THROUGH 6:00AM TUESDAY  
TUESDAY   12:00N MONDAY THROUGH 6:00AM WEDNESDAY  
WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY  
THURSDAY  12:00N WEDNESDAY THROUGH 6:00AM FRIDAY  
THURSDAY  (THANKSGIVING ONLY)  
                 6:00AM WEDNESDAY THROUGH 6:00AM MONDAY  
FRIDAY     12:00N THURSDAY THROUGH 6:00AM MONDAY  
SATURDAY   12:00N FRIDAY THROUGH 6:00AM MONDAY

ALL WORK ASSOCIATED WITH STRUCTURE NO. LUC-75-0817  
SHALL BE COMPLETED BETWEEN 7:00PM FRIDAY THROUGH  
6:00AM WEDNESDAY. A DISINCENTIVE SHALL BE ASSESSED  
IN THE AMOUNT OF \$350/HR THE ROADWAY REMAINS CLOSED  
TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

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

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN  
ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE  
PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO  
MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT  
FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE  
INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614,  
MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE  
PLAN.

THE WORK SHOWN FOR STRUCTURE LUC-75-0817 SHALL  
BE COMPLETED BEFORE THE PLACEMENT OF SURFACE  
COURSE ON I-75 SOUTHBOUND.

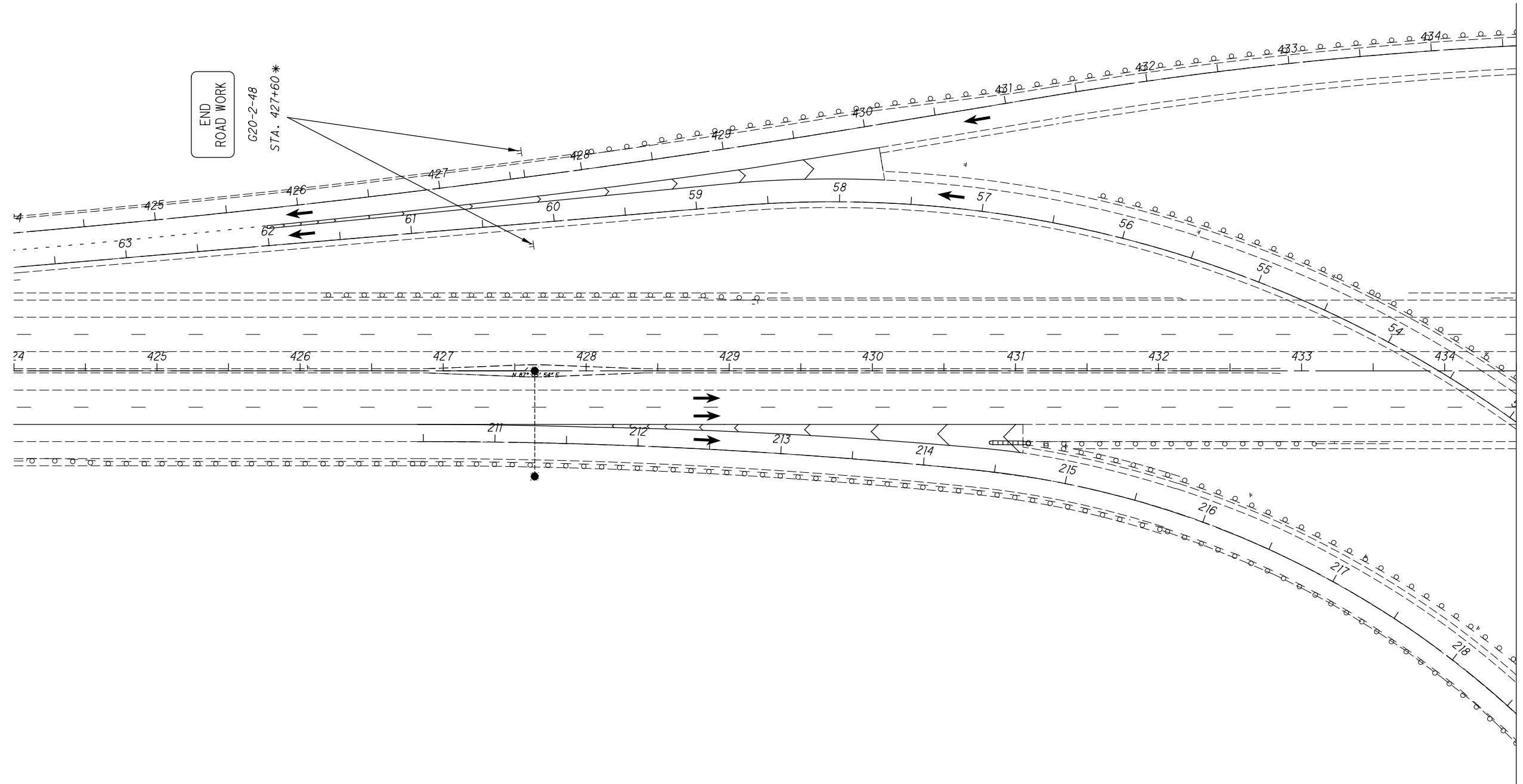
THE RAMP FROM OTTAWA RIVER RD. TO SOUTHBOUND  
I-75 SHALL BE CLOSED FOR THE DURATION OF THE  
WORK ON THE STRUCTURE LUC-75-0817. TWO SETS OF  
BARRICADES AS PER MT-101.60 SHALL BE PLACED NEAR  
SUDER AVE., ONE SET AT THE INTERSECTION AND ONE  
SET NEAR THE OTTAWA RIVER RD. BRIDGE OVER I-75.

PLEASE REFER TO MAINTENANCE OF TRAFFIC DETAIL  
SHEETS NO. 115E-115N FOR LANE RESTRICTIONS AND  
WORK ON STRUCTURE NO. LUC-75-0817.

<p><b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b></p>	<p><b>MAINTENANCE OF TRAFFIC NOTES</b></p>		<p>LUCAS COUNTY STA. 0+00 STA. 0+00</p>	<p>DESIGNED DUG CHECKED XXX</p>	<p>DRAWN DUG REVISED XXX</p>	<p>REVIEWED XXX STRUCTURE FILE NUMBER 4804333</p>	<p>DATE MM/DD/YY</p>	<p>DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION</p>
	<p>4 / 13</p>	<p>BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB</p>						
<p>115D 115</p>								

LEGEND:

← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL

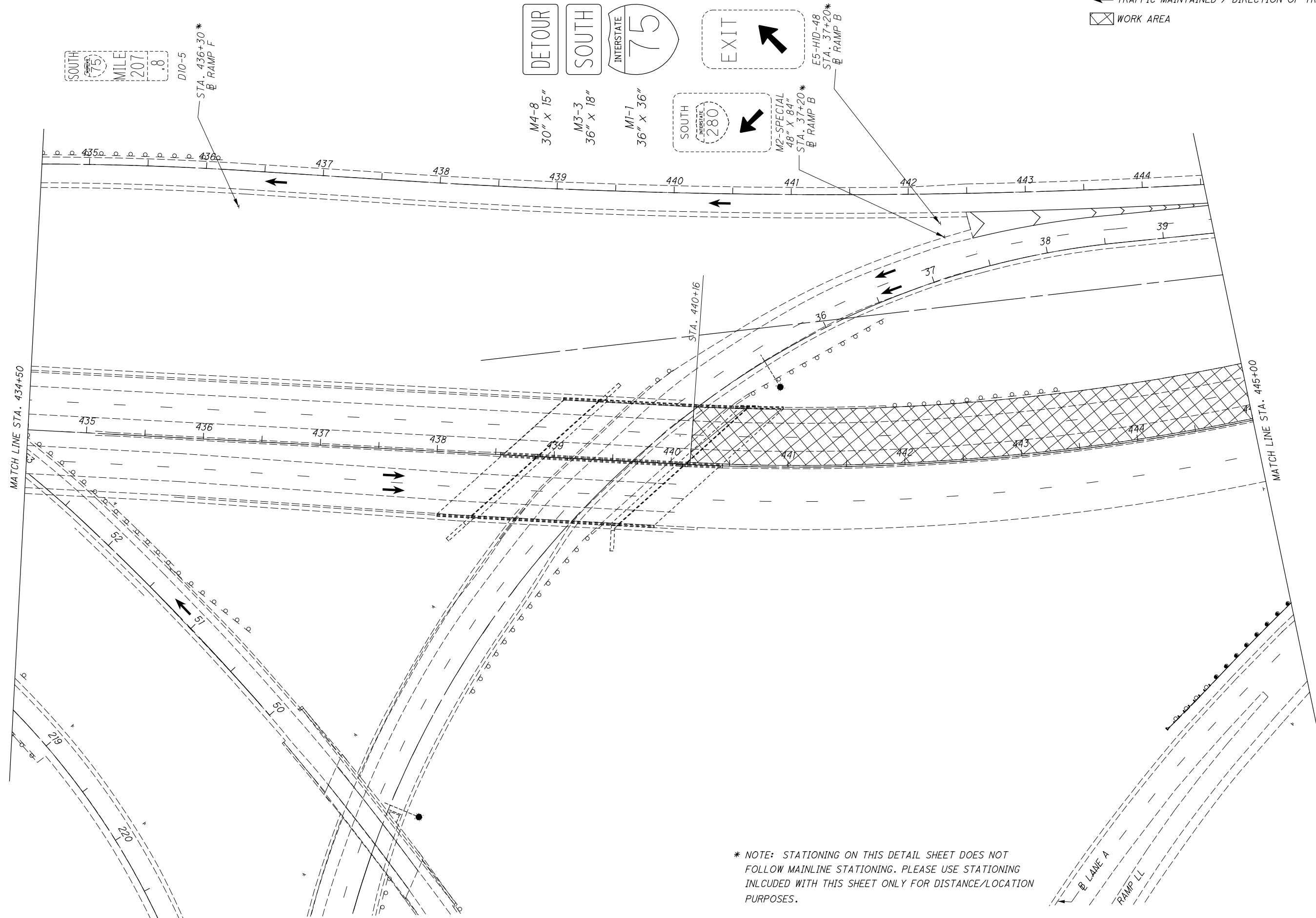


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<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY XXX DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	5 / 13						

\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.

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- LEGEND:**
- WORK ZONE CONSTRUCTION DRUM
  - ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL
  - ▨ WORK AREA



**DETOUR**  
 M4-8  
 30" x 15"

**SOUTH**  
 M3-3  
 36" x 18"

**INTERSTATE 75**  
 M1-1  
 36" x 36"

**EXIT**

**SOUTH INTERSTATE 280**

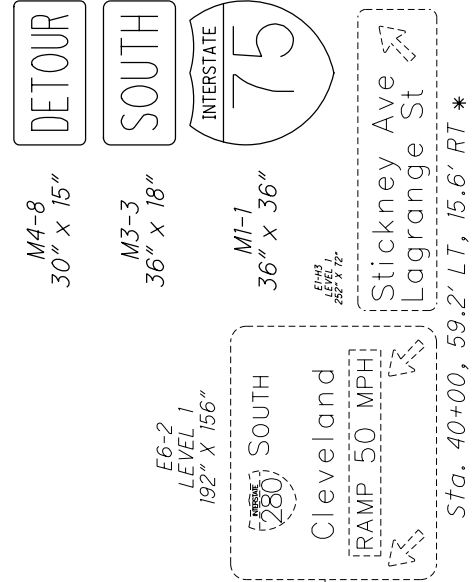
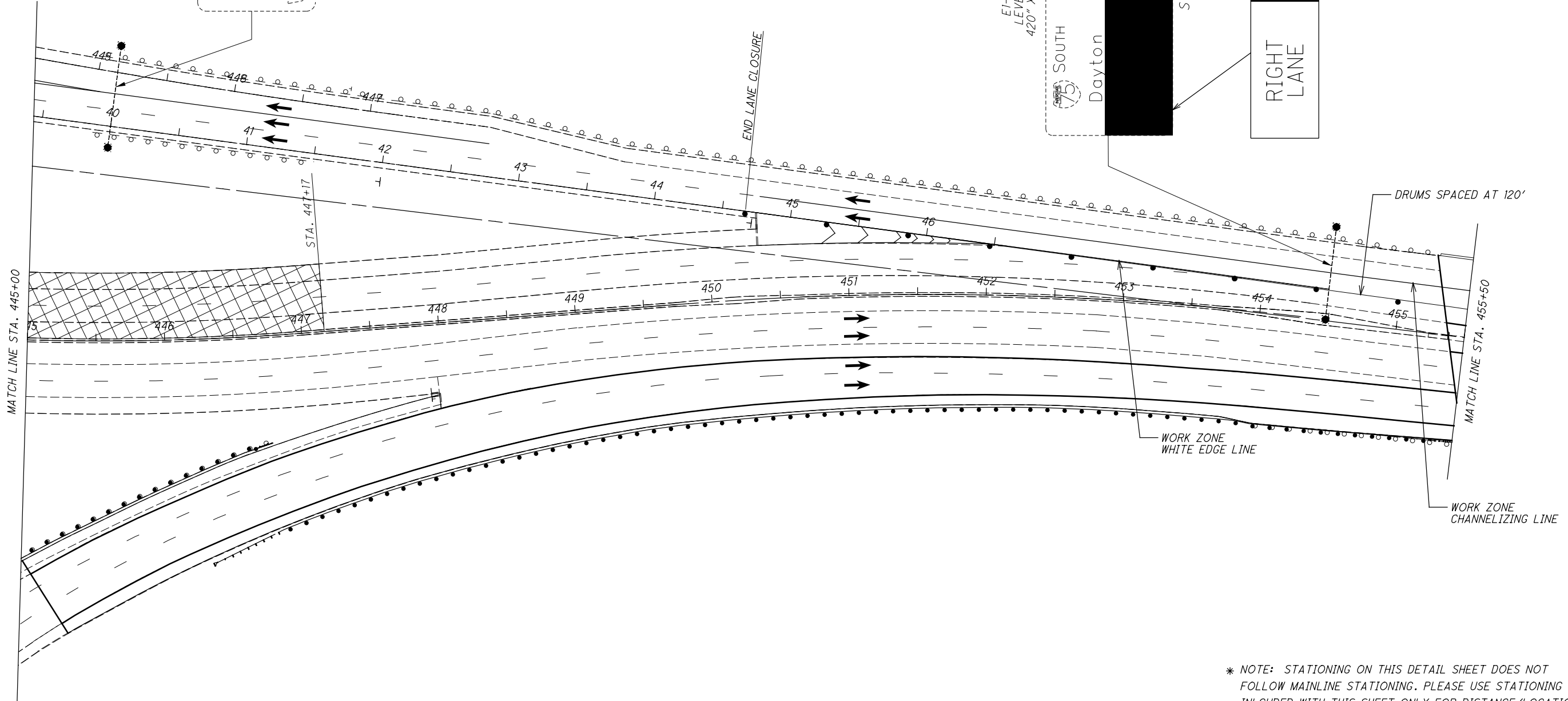
**M2-SPECIAL**  
 48" x 84"  
 STA. 37+20\*  
 @ RAMP B

**E5-HID-48**  
 STA. 37+20\*  
 @ RAMP B

**SOUTH INTERSTATE 75**  
**MILE 207.8**  
 D10-5  
 STA. 436+30\*  
 @ RAMP F

\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.

<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DUG CHECKED XXX	DRAWN DUG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY XXX	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	6 / 13	115F 115						



- LEGEND:**
- WORK ZONE CONSTRUCTION DRUM
  - ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL
  - WEL WORK ZONE EDGE LINE, WHITE
  - ⊠ WORK AREA



<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY XXX DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	7 / 13 115G 115						

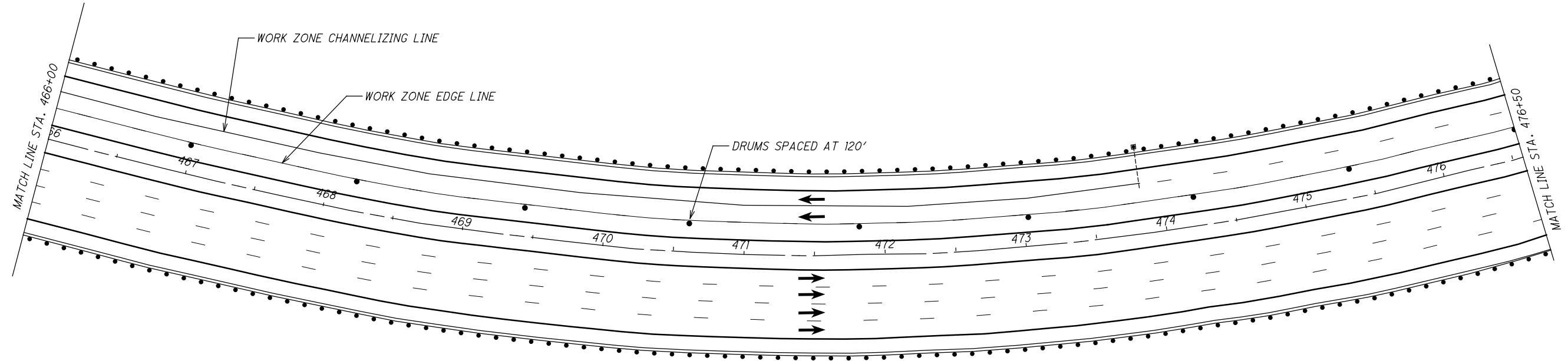
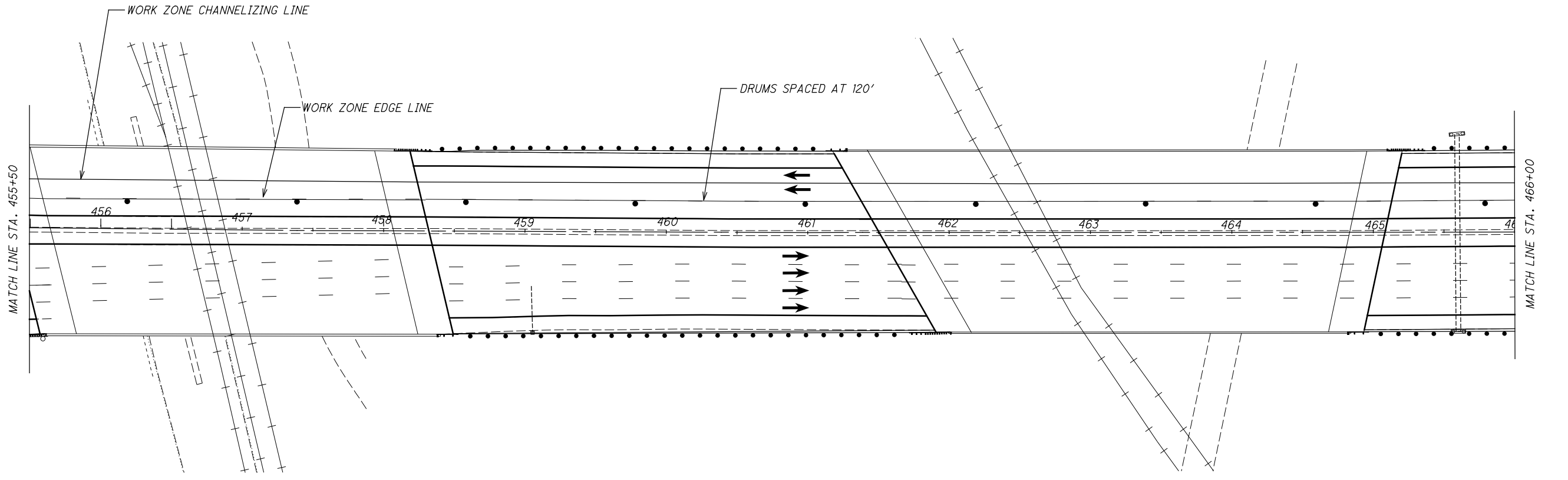
\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.



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LEGEND:  
 ●●● WORK ZONE CONSTRUCTION DRUM  
 ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL

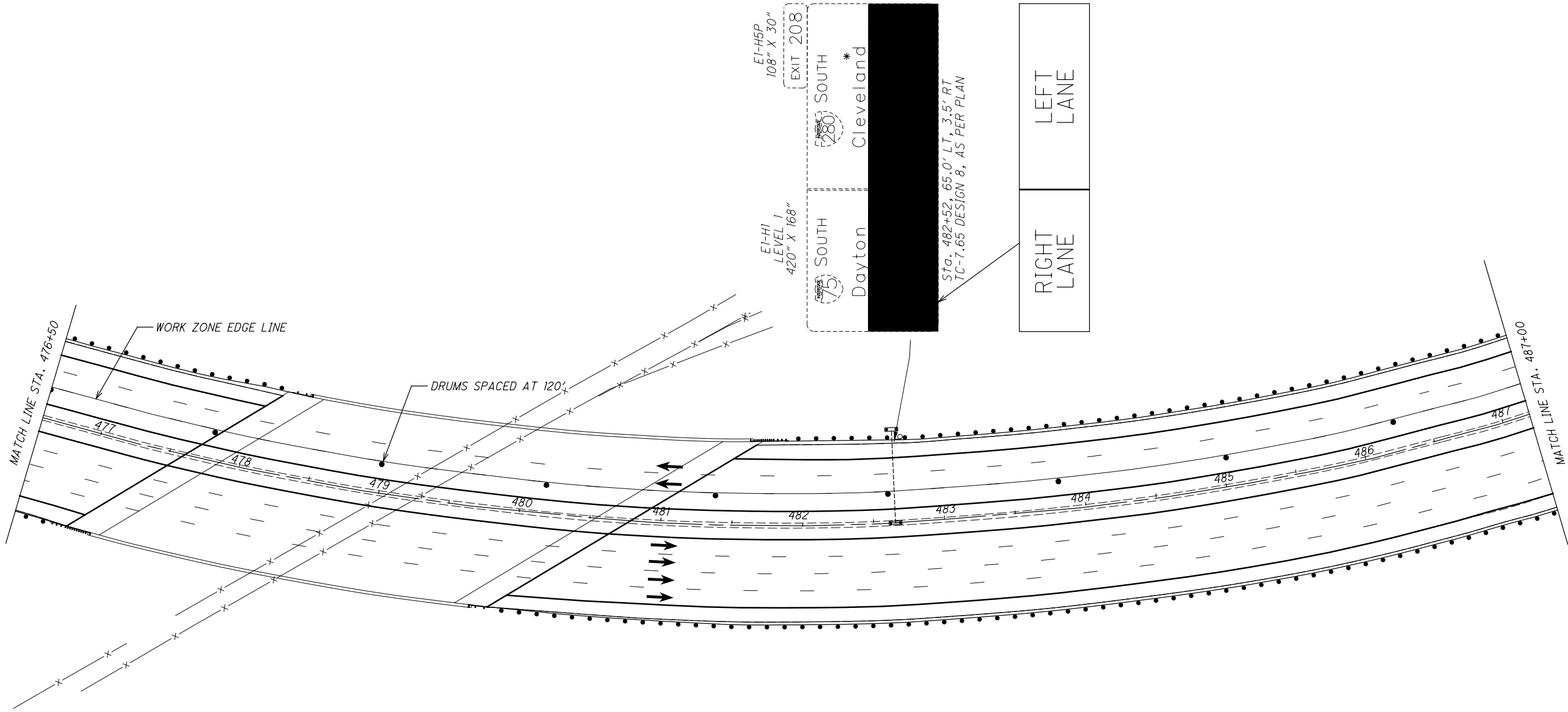


\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.

<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DUG CHECKED XXX	DRAWN DUG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY 4804333	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	8 / 13							

LEGEND:

- WORK ZONE CONSTRUCTION DRUM
- ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL

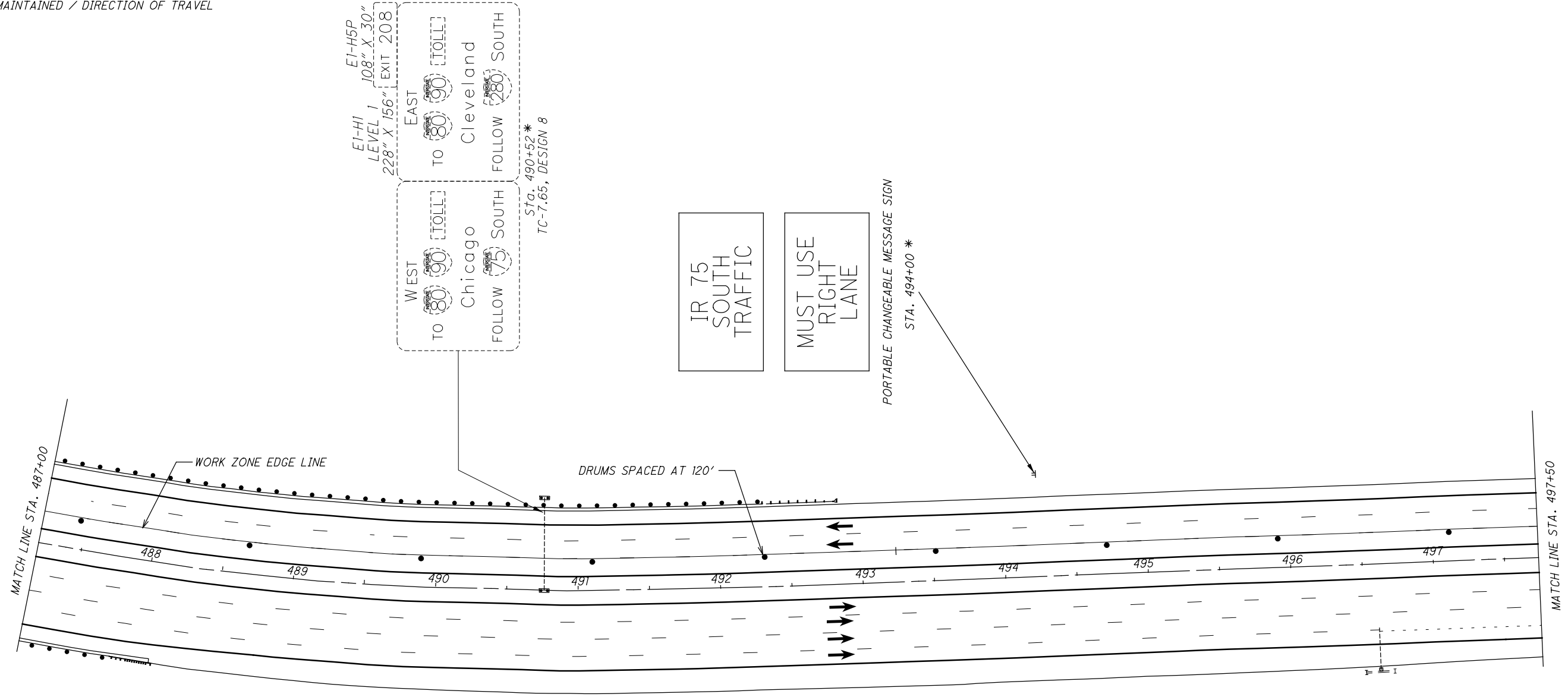


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<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY XXX	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	9 / 13 1151 115							

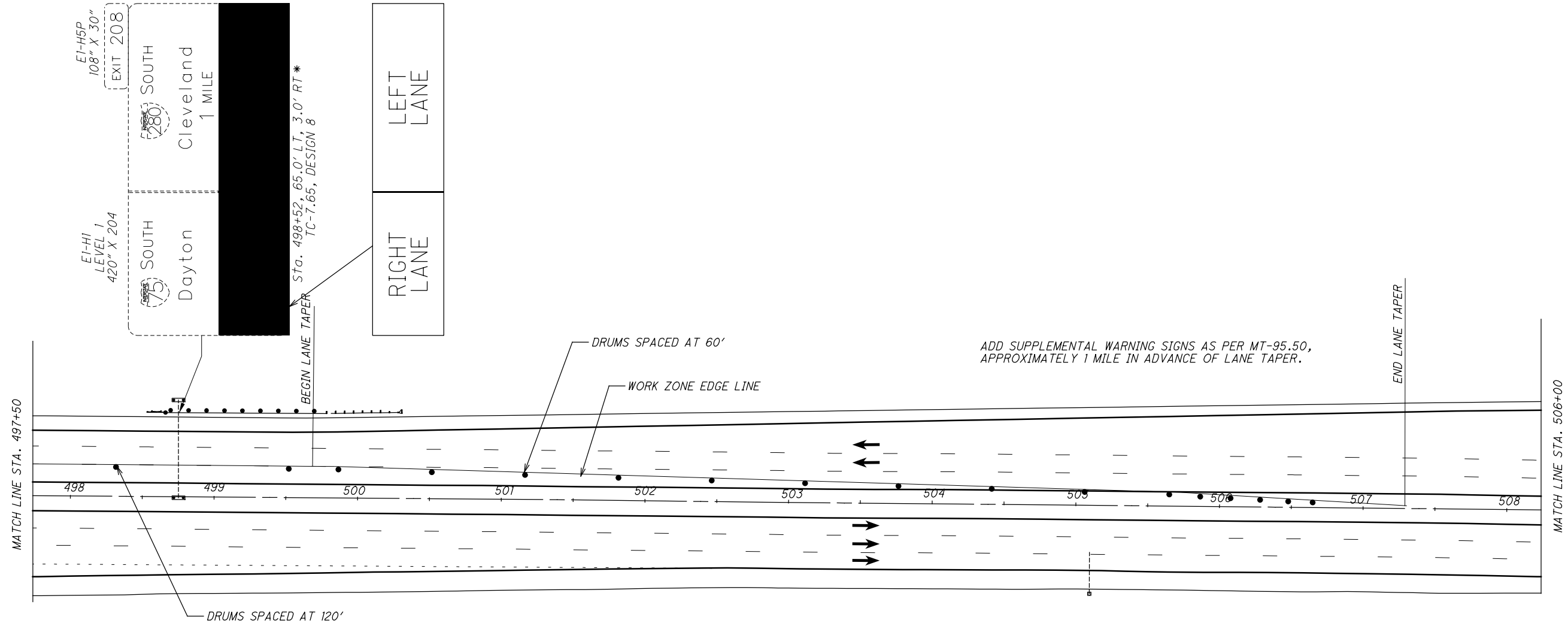
\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.

LEGEND:  
 ●●● WORK ZONE CONSTRUCTION DRUM  
 ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL



\*NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.

<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY OHIO DEPARTMENT OF TRANSPORTATION
	10 / 13 115J 115						



LEGEND:  
 ●●● WORK ZONE CONSTRUCTION DRUM  
 ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL



DESIGN AGENCY  
 OHIO DEPARTMENT  
 OF TRANSPORTATION

REVIEWED DATE  
 XXX MM/DD/YY  
 STRUCTURE FILE NUMBER  
 4804333

DRAWN  
 DJG  
 CHECKED  
 XXX

DESIGNED  
 DJG  
 CHECKED  
 XXX

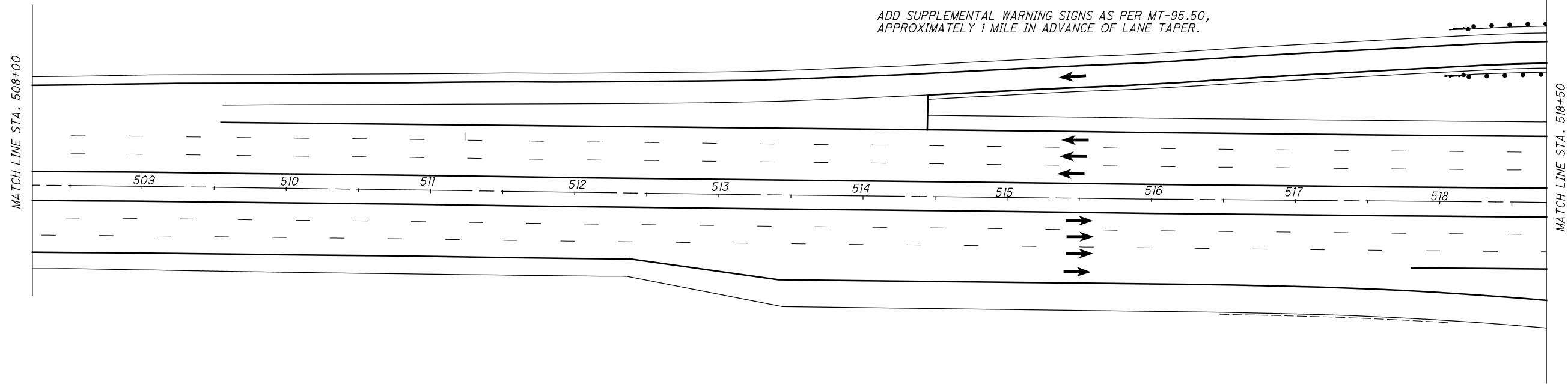
MAINTENANCE OF TRAFFIC DETAILS  
 BRIDGE NO. LUC-75-0817  
 I-75 OVER I-280 SB

LUC-75 / 475  
 7.82 / 14.50  
 PID No. 88563

11 / 13

115K  
 115

\* NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.



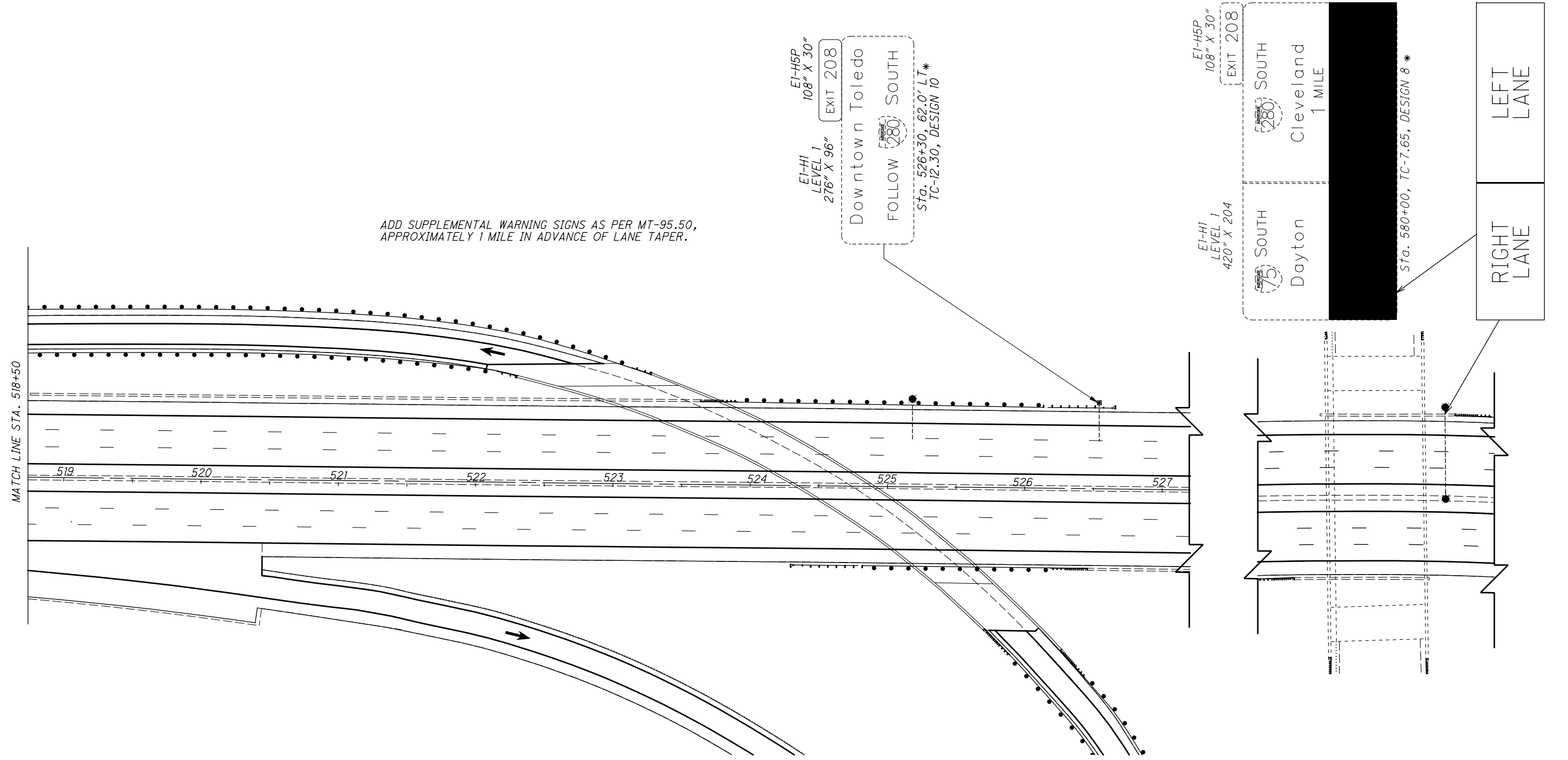
ADD SUPPLEMENTAL WARNING SIGNS AS PER MT-95.50,  
APPROXIMATELY 1 MILE IN ADVANCE OF LANE TAPER.

LEGEND:  
 ●●● WORK ZONE CONSTRUCTION DRUM  
 ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL



<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY STRUCTURE FILE NUMBER 4804333	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	12 / 13 							

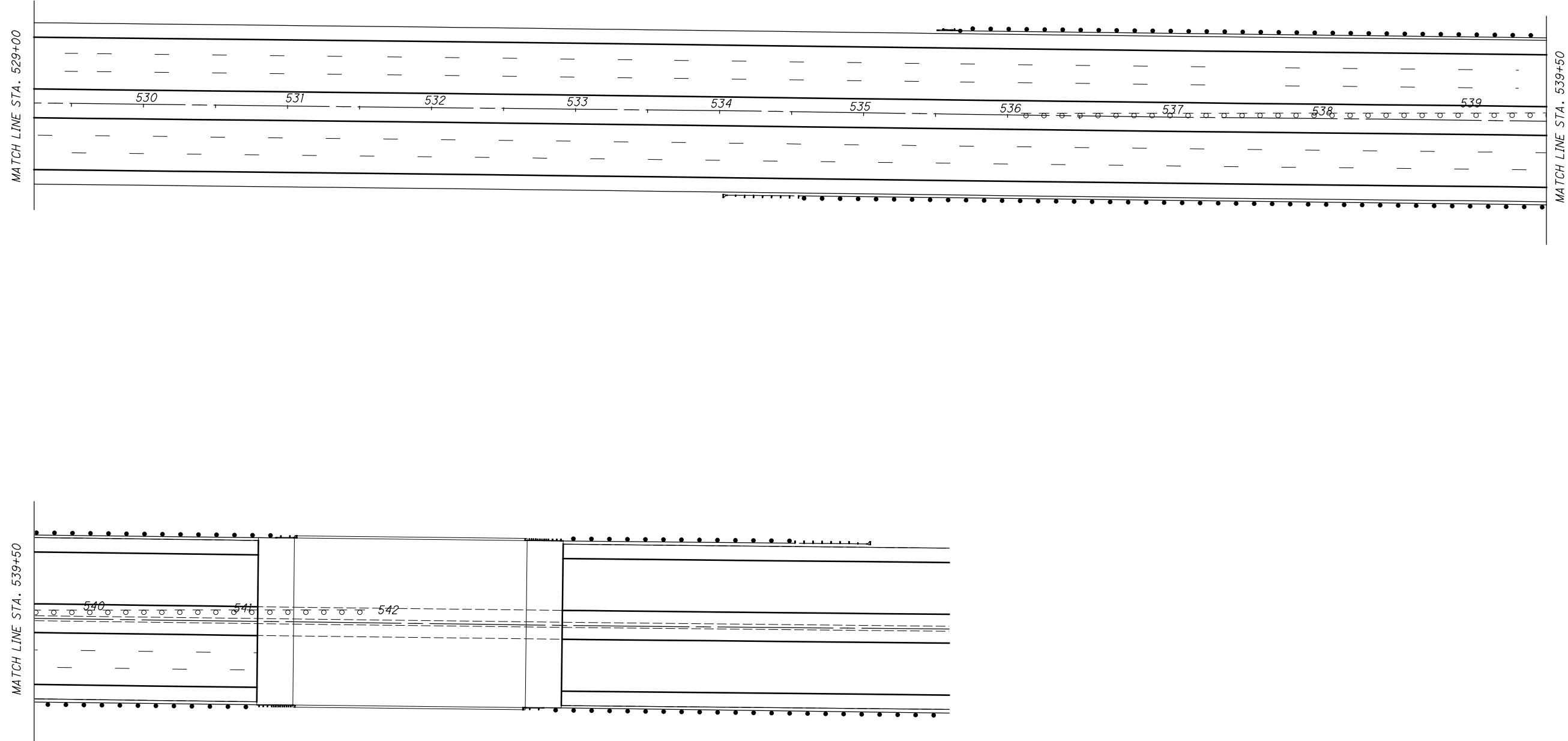
\*NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.



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<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DUG CHECKED XXX	DRAWN DUG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY XXX	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	13 / 13	115M 115						

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LEGEND:  
 ●●● WORK ZONE CONSTRUCTION DRUM  
 ← TRAFFIC MAINTAINED / DIRECTION OF TRAVEL



<b>LUC-75 / 475</b> <b>7.82 / 14.50</b> <b>PID No. 88563</b>	<b>MAINTENANCE OF TRAFFIC DETAILS</b> BRIDGE NO. LUC-75-0817 I-75 OVER I-280 SB		LUCAS COUNTY STA. 0+00 STA. 0+00	DESIGNED DJG CHECKED XXX	DRAWN DJG REVISED XXX	REVIEWED XXX STRUCTURE FILE NUMBER 4804333	DATE MM/DD/YY 4804333	DESIGN AGENCY OHIO DEPARTMENT OF TRANSPORTATION
	14 / 0							

\*NOTE: STATIONING ON THIS DETAIL SHEET DOES NOT FOLLOW MAINLINE STATIONING. PLEASE USE STATIONING INCLUDED WITH THIS SHEET ONLY FOR DISTANCE/LOCATION PURPOSES.