UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS:

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.
OHIO811 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)
OGPUPS 1-800-925-0988
OTIC 440-821-3366 REX UNDERWOOD

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

OHIO EDISON COMPANY
2508 WEST PERKINS AVENUE
SANDUSKY, OHIO 44870
ATTN: JIM ROHRBACHER
419-627-6881

LUMEN
ATTN: DOUG HOLLOWAY
216-426-6010
DOUG.HOLLOWAY@LUMEN.COM

AT&T OF OHIO
130 N. ERIE STREET, ROOM 714
TOLEDO, OHIO 43604
ATTN: ROB FEY
419-245-5004

ERIE COUNTY DEPT. OF ENVIRONMENTAL SERVICES
554 RIVER ROAD
HURON, OHIO 44839
ATTN: JACKSON SCHAEFER
419-433-7303 EXT. 2701

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 OHIO REVISED CODE.

ORIGINAL CONSTRUCTION PLANS

ORIGINAL CONSTRUCTION PLANS SHOWING THE ORIGINAL ALIGNMENT, PROFILE AND DETAILS OF THE BRIDGE ARE AVAILABLE ON BID EXPRESS WITH THE OTHER CONTRACT DOCUMENTS.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A 'W-BEAM, BEAM SPLICE' AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. SEE ODOT STANDARD CONSTRUCTION DRAWING MGS-4.3. THE TRANSITION IN HEIGHT WILL OCCUR IN THE LAST TWENTY-FIVE (25) FEET OF EXISTING GUARDRAIL. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE OTIC, REPRESENTATIVES OF THE OTIC AND THE CONTRACTOR, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE OTIC REPRESENTATIVE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION OR REVISED AS SHOWN IN THESE PLANS. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE CHIEF ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT SP 611 AND ITEM 611 CONDUIT ITEMS.

SURVEYING PARAMETERS (M.P. 111.2)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON THIS PROJECT. SEE THIS SHEET OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: 5/8 INCH IRON PIN WITH TRAVERSE CAP

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 12B

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD 83 (2011)
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE - NORTH ZONE
PROJECT SCALE FACTOR: 1.0000779449
ORIGIN OF COORDINATE SYSTEM: (0;0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

OTIC 43-24-06 STATE ROUTE 99 CONTROL (M.P. 111.2)

POINT	NORTHING	EASTING	ELEV.	STATION	OFFSET	DESCRIPTION
100	609283.028	1900552.637	715.30	268+89.81	64.78' RT.	IRON PIN SET
101	609095.515	1900715.418	700.57	270+80.86	223.39' RT	IRON PIN SET
102	609234.845	1900845.260	715.24	271+86.35	64.84' RT.	IRON PIN SET
103	609415.923	1900551.459	715.35	268+67.08	66.16' LT.	IRON PIN SET
104	609595.518	1900680.934	697.14	269+65.70	264.39' LT.	IRON PIN SET
105	609365.277	1900853.848	715.69	271+73.68	64.84' LT.	IRON PIN SET

ITEM 304 - AGGREGATE BASE, AS PER PLAN (M.P. 111.2)

GRANULATED SLAG (GS) SHALL NOT BE PERMITTED FOR THIS ITEM. ALL OTHER REQUIREMENTS OF SECTION 304 AND 703.17 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL STILL BE APPLICABLE.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES (M.P. 111.2)

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

SURVEYING PARAMETERS (M.P. 119.3)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON THIS PROJECT. SEE THIS SHEET FOR A TABLE CONTAINING PRIMARY PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PRIMARY PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING FOR ALL SURVEYING:

PRIMARY PROJECT CONTROL:
POSITIONING METHOD: ODOT VRS
MONNUMENT TYPE: 5/8 INCH IRON PIN WITH TRAVERSE CAP

VERTICAL POSITIONING:
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 12B

HORIZONTAL POSITIONING:
REFERENCE FRAME: NAD 83 (2011)
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE - NORTH ZONE
COMBINED SCALE FACTOR: 1.0000762951
ORIGIN OF COORDINATE SYSTEM: (0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

OTIC 43-24-06 STATE ROUTE 13 CONTROL (M.P. 119.3)

POINT	NORTHING	EASTING	ELEV.	STATION	OFFSET	DESCRIPTION
120	603935.398	1942611.748	627.28	698+49.41	64.01' RT.	IRON PIN SET
121	603642.957	1942546.800	648.23	698+25.98	362.69' RT	IRON PIN SET
122	603904.594	1942817.929	624.53	700+58.17	64.50' RT.	IRON PIN SET
123	604141.280	1942637.913	647.32	698+46.18	143.50' LT.	IRON PIN SET
124	604332.622	1942859.097	645.98	700+36.32	364.95' LT.	IRON PIN SET
125	604049.688	1942731.925	626.26	699+51.88	66.46' LT.	IRON PIN SET
126	604029.595	1942853.806	624.49	700+75.39	64.40' LT.	IRON PIN SET

EROSION CONTROL (M.P. 119.3)

IT IS THE INTENT OF THE PROJECT TO NOT DISTURB ANY SEEDED AREAS AND/OR DRAINAGE ELEMENTS. ANY WORK INVOLVING SEEDED AREAS, DRAINAGE ELEMENTS OR EROSION CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST AND SHALL BE REPAIRED/PROTECTED AS DIRECTED BY THE ENGINEER.

ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE GRANTED.

ITEM 209 - LINEAR GRADING, AS PER PLAN (M.P. 119.3)

CONTRACTOR SHALL FOLLOW ODOT CMS FOR ITEM 209 LINEAR GRADING WITHIN THE LIMITS OF THE RESURFACING TO REESTABLISH A SMOOTH GRADED SHOULDER.

7

DESIGN AGENCY
Michael Baker INTERNATIONAL
MICHAEL BAKER INTL.
11 TUNNEL BLVD., SUITE 2
EAST SUITE 2300,
NEWPORT, KY 41071
O: 216-464-4414
F: 216-464-6302

NO.	REVISIONS	BY	DATE
-	-	-	-
-	-	-	-
-	-	-	-

DESIGNED LJS | CHECKED KGJ
DRAWN PS | IN CHARGE CDC

ERIE COUNTY

ROADWAY GENERAL NOTES

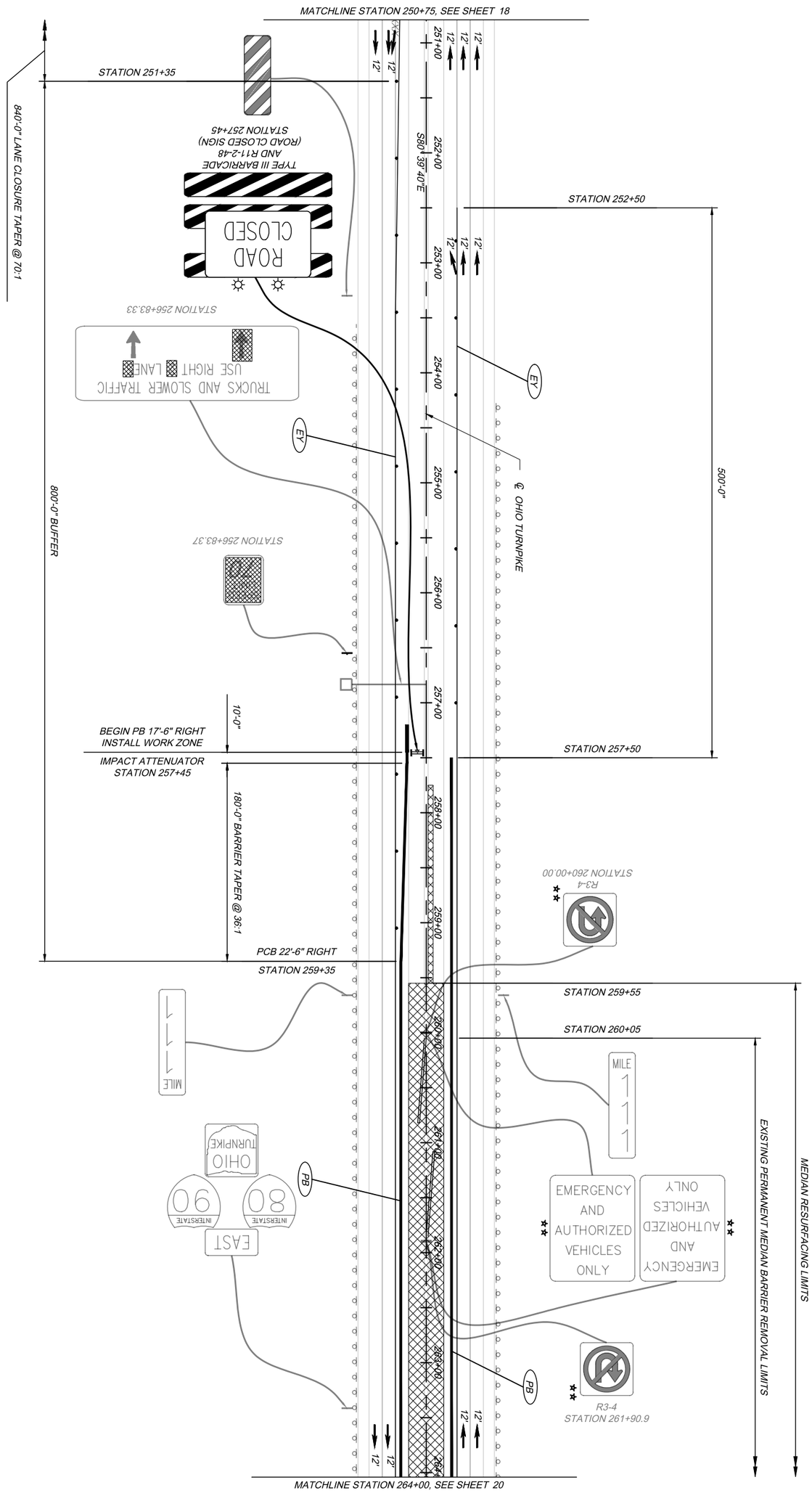
M.P. 111.2 & M.P. 119.3

PROJECT 43-24-06
DATE: 03/07/23

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

71-21-07_SR099_GENERAL NOTES.dwg; 7/26/23 - 7:48pm

71-21-07_MOT_Phase-1.dwg; 3/20/23 - 2:36pm



NOTE:

** REMOVE AND TEMPORARILY STORE SIGNS FOR EMERGENCY VEHICLE BARRIER OPENING DURING PHASE 2 AND 3. RE-INSTALL DURING PHASE 4.

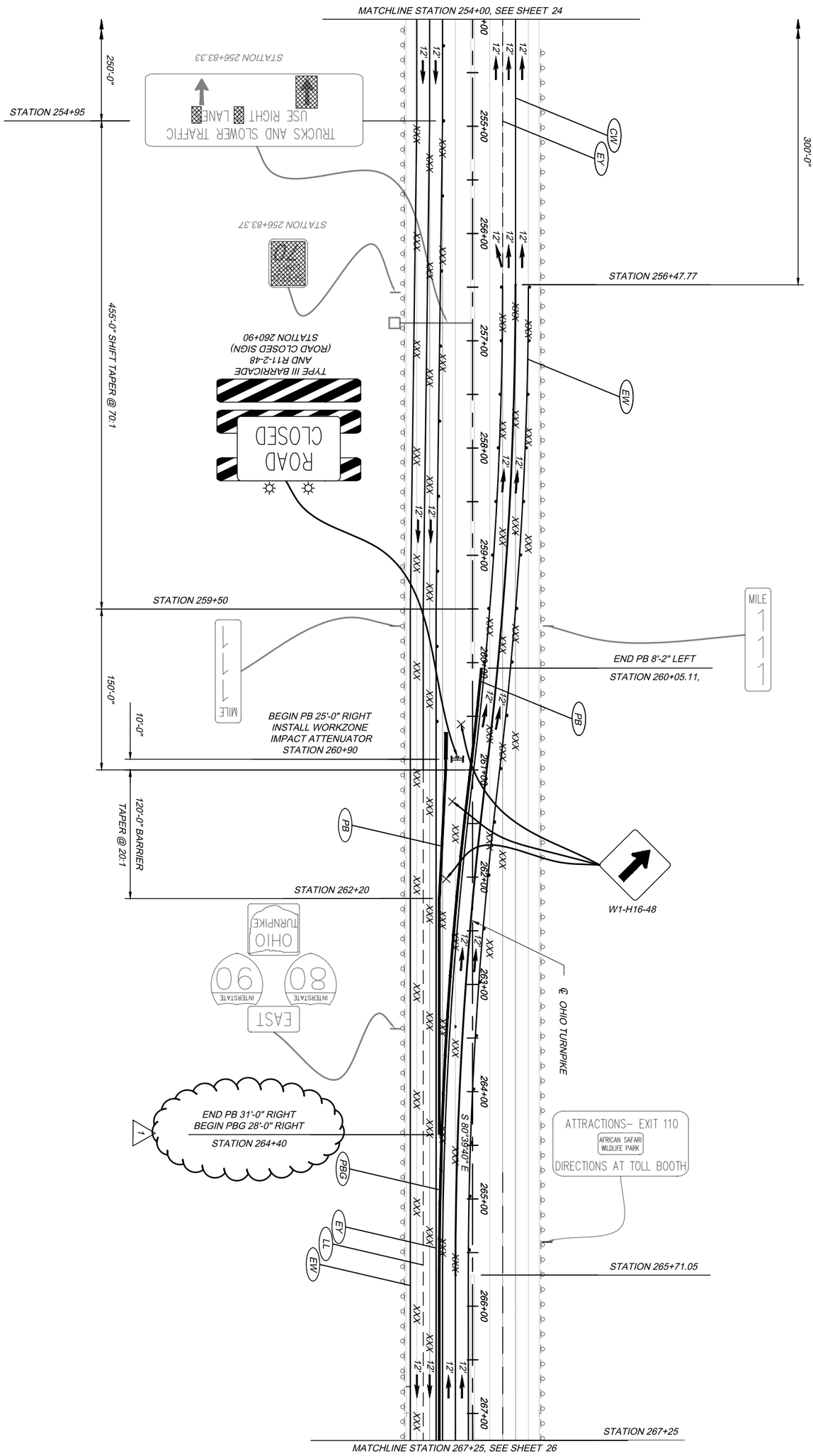
1. SEE SHEET 18 FOR LEGEND.

19 / 88	PROJECT 43-24-06	MAINTENANCE OF TRAFFIC PLAN - PHASE 1	DESIGNED LJS	CHECKED KGJ	NO.	REVISIONS	BY	DATE	DESIGN AGENCY
	DATE: 03/07/23	OHIO TURNPIKE OVER STATE ROUTE 99	DRAWN PS	IN CHARGE CDC	-	-	-	-	Michael Baker INTERNATIONAL
		M.P. 111.2 ERIE COUNTY			-	-	-	-	MICHAEL BAKER INTL. 1111 SUPERIOR AVE. EAST SUITE 2300, CLEVELAND, OH 44114 O:216-664-6493 F:216-664-6532
					-	-	-	-	

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE

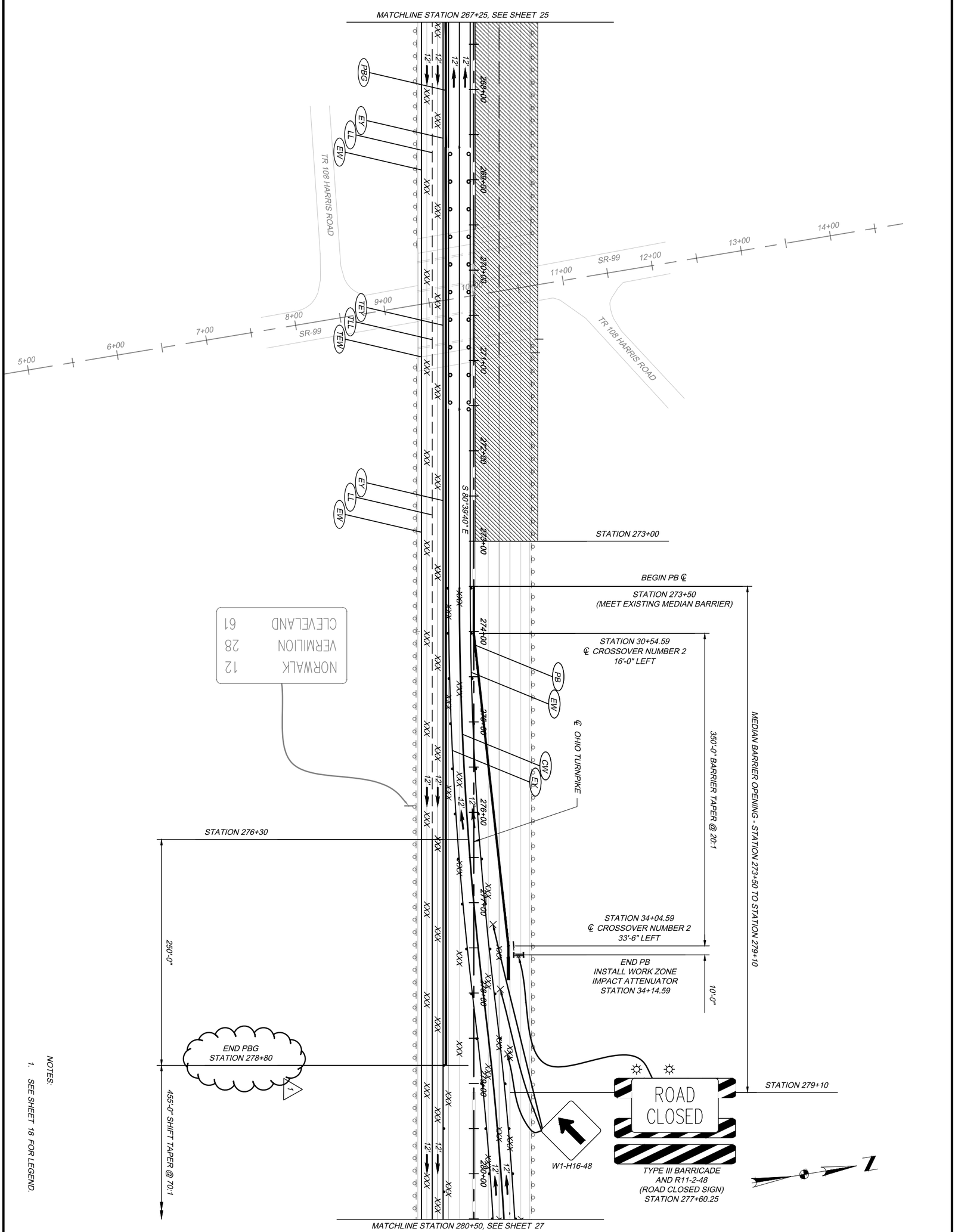


25 / 88	PROJECT 43-24-06	MAINTENANCE OF TRAFFIC PLAN - PHASE 2	DESIGNED LJS	CHECKED KGJ	NO.	REVISIONS	BY	DATE	DESIGN AGENCY
	DATE: 03/07/23	OHIO TURNPIKE OVER STATE ROUTE 99	DRAWN PS	IN CHARGE CDC	-	-	-	-	Michael Baker INTERNATIONAL
		M.P. 111.2 ERIE COUNTY			-	-	-	-	MICHAEL BAKER INTL. 1111 SUPERIOR AVE. EAST SUITE 2300, CLEVELAND, OH 44114 O:216-664-6493 F:216-664-6532

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE

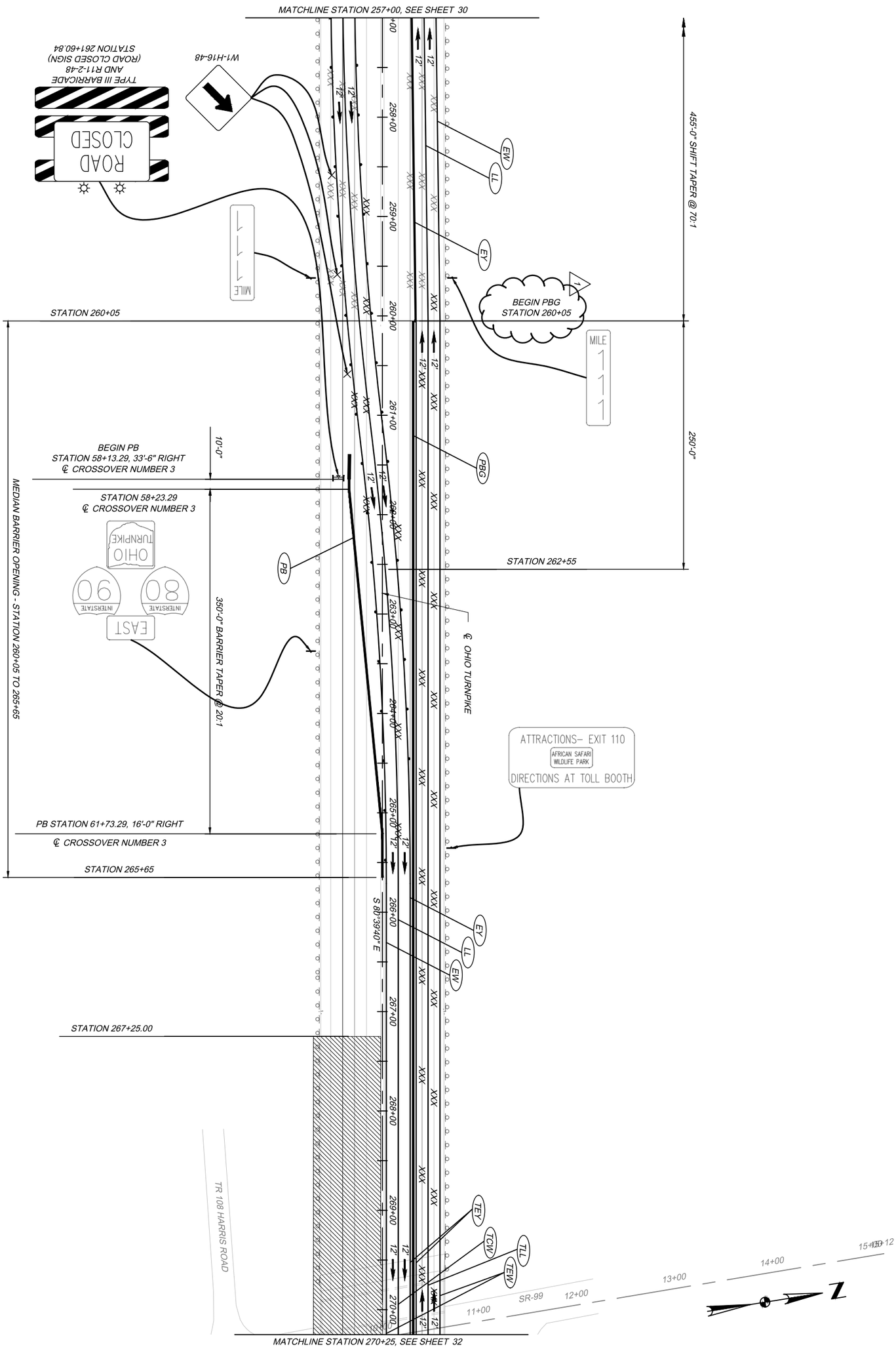


NOTES:

1. SEE SHEET 18 FOR LEGEND.

26 / 88	PROJECT 43-24-06	MAINTENANCE OF TRAFFIC PLAN - PHASE 2	DESIGNED LJS	CHECKED KGJ	NO.	REVISIONS	BY	DATE	DESIGN AGENCY
	DATE: 03/07/23	OHIO TURNPIKE OVER STATE ROUTE 99	DRAWN PS	IN CHARGE CDC	-	-	-	-	Michael Baker INTERNATIONAL
		M.P. 111.2 ERIE COUNTY			-	-	-	-	MICHAEL BAKER INTL. 1111 SUPERIOR AVE. EAST SUITE 2300, CLEVELAND, OH 44114 O:216-664-6493 F:216-664-6532

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION



NOTES:

1. SEE SHEET 18 FOR LEGEND.

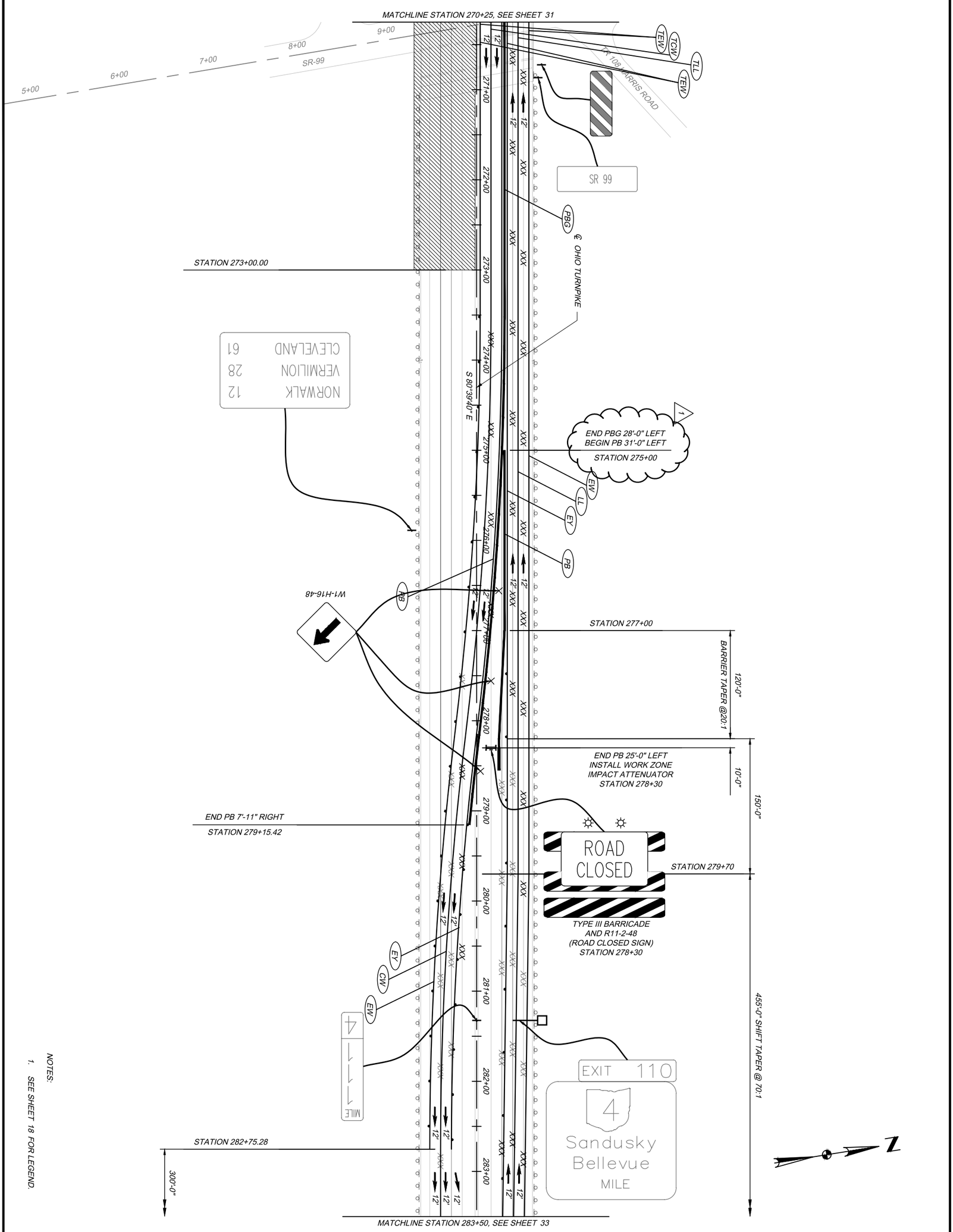
31 / 88	PROJECT 43-24-06	MAINTENANCE OF TRAFFIC PLAN - PHASE 3	DESIGNED LJS	CHECKED KGJ	NO.	REVISIONS	BY	DATE	DESIGN AGENCY	
	DATE: 03/07/23	OHIO TURNPIKE OVER STATE ROUTE 99	DRAWN PS	IN CHARGE CDC	-	-	-	-	Michael Baker INTERNATIONAL	MICHAEL BAKER INTL. 1111 SUPERIOR AVE. EAST SUITE 2300, CLEVELAND, OH 44114 O:216-664-6493 F:216-664-6532
	M.P. 111.2	ERIE COUNTY			-	-	-	-		

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE

71-21-07_MOT_Phase-3.dwg; 7/26/23 - 8:26pm



NOTES:

1. SEE SHEET 18 FOR LEGEND.

32 / 88	PROJECT 43-24-06	MAINTENANCE OF TRAFFIC PLAN - PHASE 3	DESIGNED LJS	CHECKED KGJ	NO.	REVISIONS	BY	DATE	DESIGN AGENCY	
	DATE: 03/07/23	OHIO TURNPIKE OVER STATE ROUTE 99	DRAWN PS	IN CHARGE CDC	-	-	-	-	Michael Baker INTERNATIONAL	MICHAEL BAKER INTL. 1111 SUPERIOR AVE. EAST SUITE 2300, CLEVELAND, OH 44114 O:216-664-6493 F:216-664-6532
		M.P. 111.2 ERIE COUNTY			-	-	-	-		

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE