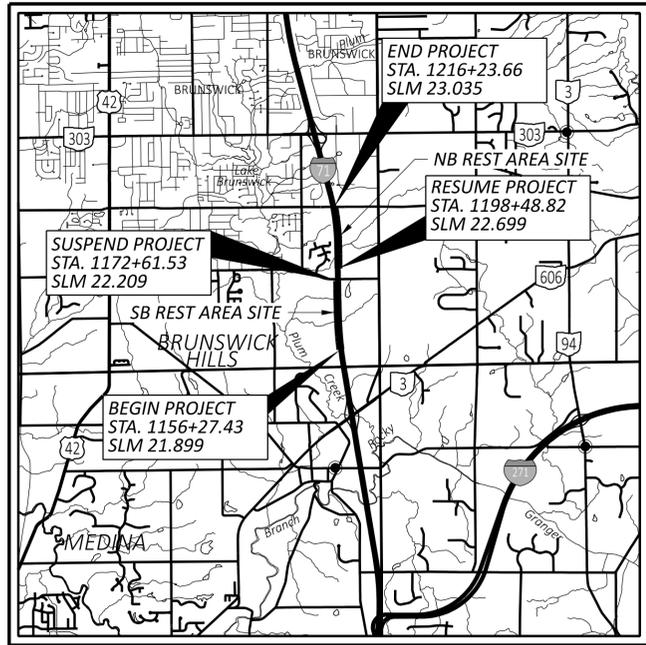


MODEL: Sheet PAPER: 34x22 (in.) DATE: 1/26/2026 TIME: 9:45:15 AM PLTDR: OHDOT_PDF_Levels.plt PENTEL: OHDOT_Pen.tbl USER: mswhitt@fhinc.com WORKSPACE: OHDOTCE02 WORKSET: 122872 PRODUCT: OpenRoadsDesigner 24.00.00.205 pwc:\ohdot-pw-bentley.com\ohdot-pw-02\Documents\01 Active Projects\District 03\Medina\122872\401-Engineering_TransSystems\Roadway\Sheets\122872_G1_01.dgn



LOCATION MAP

LATITUDE: N41°13'21" LONGITUDE: W81°47'34"



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

DESIGN DESIGNATION

CURRENT ADT (2025)	51,000
DESIGN YEAR ADT (2045)	52,500
DESIGN HOURLY VOLUME (2045)	6,500
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	70
LEGAL SPEED	65
DESIGN FUNCTIONAL CLASSIFICATION:	
[01] PRINCIPAL ARTERIAL INTERSTATE (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

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

PLAN PREPARED BY:

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MED-IR 71 REST AREAS TP

BRUNSWICK HILLS TOWNSHIP

MEDINA COUNTY

INDEX OF SHEETS:

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GENERAL SUMMARY	P.16 - P.18
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PLAN AND PROFILES	
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CROSS SECTIONS	
SOUTHBOUND REST AREA	P.46 - P.53
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GRADING AND PAVEMENT DETAILS	P.64 - P.69
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GEOTECHNICAL PROFILE	P.106 - P.113

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVEMENT OF THE IR-71 SOUTHBOUND AND NORTHBOUND REST AREAS INCLUDING CONFIGURATION OF NEW TRUCK PARKING AREAS WITH FULL DEPTH PAVEMENT. THE PROJECT WILL INCLUDE DRAINAGE IMPROVEMENTS, NEW LIGHTING, AND DEMOLITION OF EXISTING REST AREA FACILITIES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	13.35 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	2.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	15.35 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.

2023 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 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

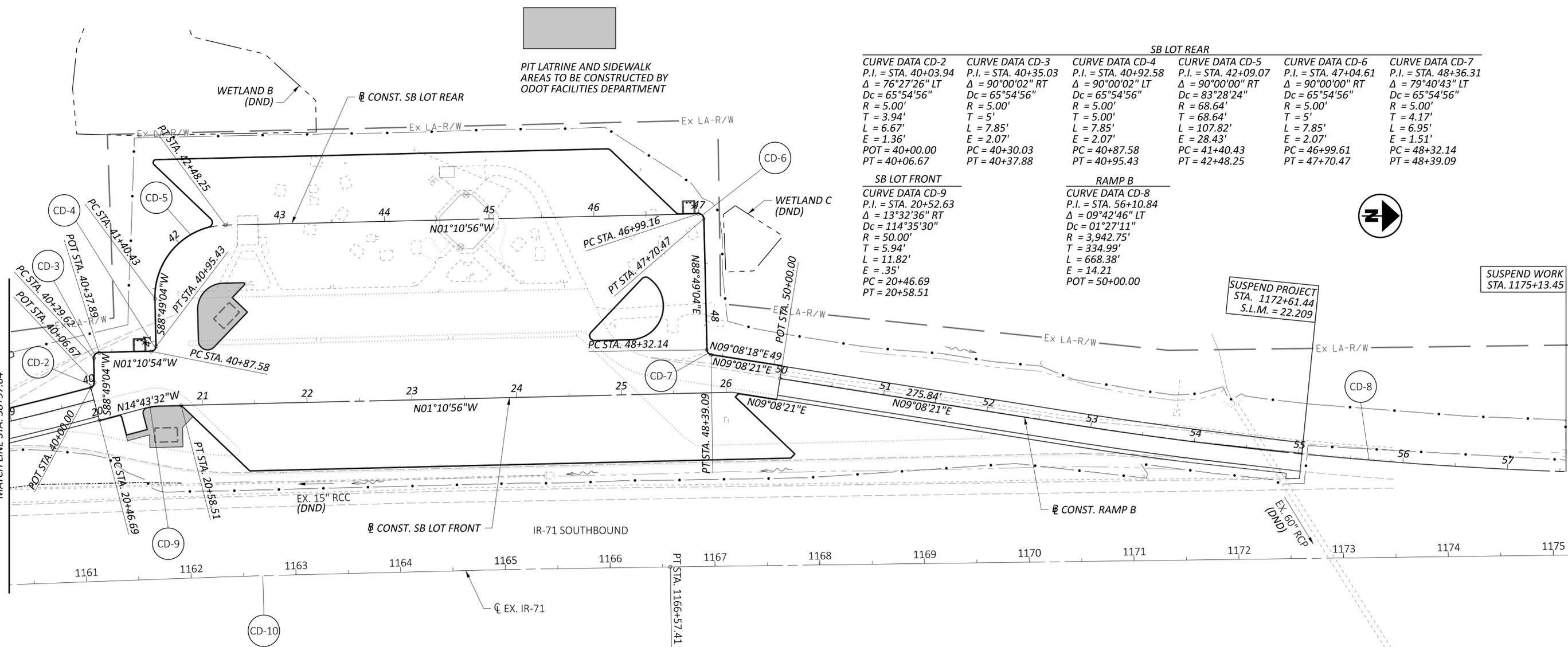
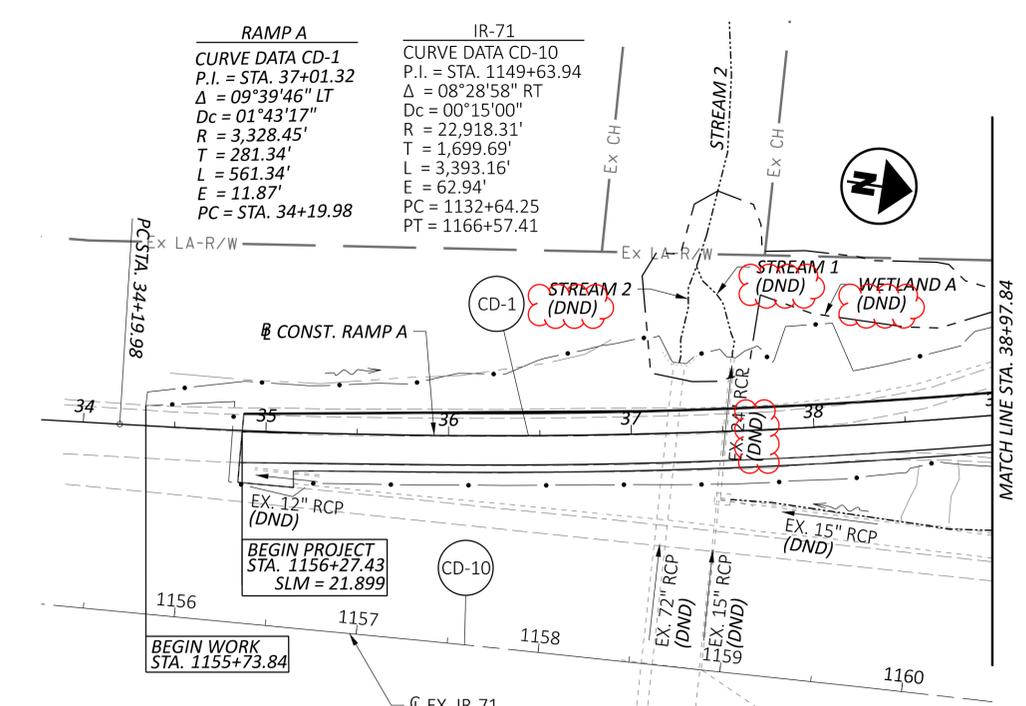
Robert Weaver
District 03 Deputy Director

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-1.1	7/28/00	MGS-2.1	7/18/25	HL-20.21	7/18/25	TC-42.20	10/18/13	800-2023	7/18/25	ASBESTOS SURVEY REPORT	
BP-2.1	1/21/22	MGS-4.2	7/18/25	HL-30.11	7/21/23	TC-51.11	7/18/25	825	7/19/24	1/9/26	
BP-2.2	1/15/21			HL-30.22	1/17/25	TC-51.12	7/18/25	832	7/18/25		
BP-3.1	1/19/24	MH-3	7/19/24	HL-60.11	7/21/17	TC-52.10	10/18/13	836	1/19/24		
BP-5.1	7/18/25			HL-60.21	7/20/18	TC-52.20	1/15/21	902	7/19/19		
BP-7.1	7/18/25	RM-5.1	7/18/14	HL-60.31	7/19/24	TC-71.10	7/18/25				
		RM-7.1	7/18/14			TC-72.20	7/18/25				
CB-3	7/19/24			MT-98.29	1/17/20						
CB-3A	7/19/24	HW-2.1	7/15/22	MT-105.10	1/17/20						
		HW-2.2	7/20/18								
DM-1.1	1/17/25			TC-21.21	7/18/25						
DM-1.2	1/17/25	HL-10.11	7/21/23	TC-22.20	7/18/25						
DM-4.1	7/17/20	HL-10.12	7/21/23	TC-41.10	7/19/13						
DM-4.3	1/15/16	HL-10.13	1/20/23	TC-41.20	10/18/13						
DM-4.4	1/15/16	HL-10.31	7/18/25	TC-41.30	4/21/23						
		HL-20.11	7/18/25	TC-42.10	10/18/13						

<p>ENGINEER'S SEAL</p> <p>ROADWAY</p>	<p>ENGINEER'S SEAL</p> <p>TRAFFIC CONTROL & LIGHTING</p>
---------------------------------------	--

DESIGN AGENCY	TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215
DESIGNER	JRC
REVIEWER	MSW 01/12/26
PROJECT ID	122872
SHEET	TOTAL
P.01	113



IR-71 SOUTHBOUND - PRIMARY PROJECT CONTROL INFORMATION

POINT NAME	STATION	OFFSET (US FT)	SIDE	GROUND COORDINATES US SURVEY FEET		ELEV. (US FT)	DESCRIPTION
				NORTHING	EASTING		
PRIMARY HORIZONTAL CONTROL							
SB_MV500	1151+50.37	111.90	LT	348685.471	179536.961		3/4" IPINS W ALUMINIUM AZMUITH CAP
SB_MV501	1159+17.22	107.44	LT	349454.873	179495.951		3/4" IPINS W ALUMINIUM CONTROL CAP
SB_MV502	1164+22.54	81.91	LT	349962.819	179505.598		3/4" IPINS W ALUMINIUM CONTROL CAP
SB_MV503	1170+41.72	85.65	LT	350582.758	179494.473		3/4" IPINS W ALUMINIUM CONTROL CAP
SB_MV504	1177+67.74	98.75	LT	351308.611	179474.068		3/4" IPINS W ALUMINIUM AZMUITH CAP
PRIMARY VERTICAL CONTROL							
SB_MV401	1154+30.00	112.00	LT	348965.394	179517.298	1102.276	BM 1 CHISLED SQUARE LIGHT POLE BASE
SB_MV402	1163+86.00	94.00	LT	349925.902	179494.774	1111.291	BM 2 CHISLED SQUARE LIGHT POLE BASE
SB_MV403	1166+69.00	154.00	LT	350208.940	179430.322	1116.884	BM 3 CHISLED SQUARE LIGHT POLE BASE
SB_MV404	1174+78.00	98.00	LT	351018.778	179478.092	1120.558	BM 4 CHISLED SQUARE LIGHT POLE BASE
SB_MV405	1158+58.00	165.00	LT	349392.587	179441.563	1100.781	BM 5 4" ODOT DISC



SCHEMATIC PLAN
SOUTHBOUND REST AREA

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TAB

REVIEWER
KCF 01/12/26

PROJECT ID
122872

SHEET TOTAL
P.02 | 113

UTILITIES

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

MEDINA COUNTY SANITARY ENGINEERS
BEN ROMINE, P.E., DESIGN ENGINEER
791 W. SMITH ROAD
MEDINA, OH 44256
OFFICE: 330-723-9575
EMAIL: BROMINE@OHMEDINACO.ORG

ODOT DISTRICT 3 TRAFFIC DEPARTMENT
TRANSPORTATION ENGINEER 4
CHARLIE LAUGHREY
906 CLARK AVE., ASHLAND, OHIO 44805
OFFICE: (419) 207-7162

COLUMBIA GAS OF OHIO
TOM JADLOS
7080 FRY ROAD
MIDDLEBURG HEIGHTS, OHIO 44130
OFFICE: 440-891-2493
EMAIL: TJADLOS@NISOURCE.COM

OHIO EDISON COMPANY
BRAD COWLING
6326 LAKE AVENUE
ELYRIA, OHIO 44035
EMAIL: BCOWLING@FIRSTENERGYCORP.COM

BREEZELINE (FORMERLY WOW CABLE)
JOSE DIAZ
CONSTRUCTION COORDINATOR
105 BLAZE INDUSTRIAL PKWY
BEREA, OH 44017
EMAIL: JDIAZ@BREEZELINE.COM

AT&T CORP - NATIONAL CONSTRUCTION AND ENGINEERING
(AT&T TRANSMISSION)
WILLIAM "BILL" TAGGART, SR TECH PROJ MGMNT OH, MI, KY, WV
8372 E. BROAD ST.
REYNOLDSBURG, OHIO 43068
OFFICE: 614-868-2511
EMAIL: WT2462@ATT.COM

FRONTIER COMMUNICATIONS
RANDY HOWARD
6223 NORWALK ROAD
MEDINA, OHIO 44256
OFFICE: 330-722-9586
EMAIL: J.HOWARD@FTR.COM

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEETS P.02 - P.03 OF THE PLANS FOR A TABLES CONTAINING PROJECT CONTROL INFORMATION.

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

PROJECT CONTROL
POSITIONING METHOD: ODOT REAL TIME NETWORK (2011), AND DIFFERENTIAL LEVELING.

MONUMENT TYPE: TYPE B

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: 18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011 ADJ, 2010.0)
ELLIPSOID: GRS 80
COORDINATE SYSTEM: MEDINA COUNTY (OCCS)
MAP PROJECTION: LAMBERT CONFORMAL CONIC 1 STANDARD LATITUDE

CENTRAL LATITUDE: 41°09'00.0000"N
CENTRAL LONGITUDE: 81°51'00.0000"W
FALSE NORTHING: 100,000 M
FALSE EASTING: 50,000 M
PROJECTION SCALE FACTOR: 1.000046

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.

CMS ITEM 623 WILL GOVERN CONSTRUCTION SURVEYING ACTIVITY. THE FOLLOWING MONUMENT VERIFICATION REPORTS WILL BE REQUIRED AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

623.04A - PRECONSTRUCTION MONUMENT VERIFICATION AND REPORT LS

623.04B - POSTCONSTRUCTION MONUMENT VERIFICATION AND REPORT LS

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.

CLEARING AND GRUBBING, AS PER PLAN

ALL TREES MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS WILL BE FELLED BY A SEPARATE CONTRACT PRIOR TO MARCH 31, 2026. REMOVE ALL FELLED TREES INCLUDING REMAINING LIMBS, TRUNKS, AND STUMPS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED.

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

ITEM 614 - MAINTAINING TRAFFIC

THE REST AREA RAMPS SHALL BE CLOSED TO THE PUBLIC AS PER STANDARD DRAWING MT-98.29, EXCEPT THAT PB SHALL BE UTILIZED IN PLACE OF DRUMS. THE DOWNSTREAM PB SHALL EXTEND A MINIMUM OF 70' BEYOND THE END OF THE PAVED GORE, OR AN ADEQUATE DISTANCE SUCH THAT THE PB TERMINATES AT A POINT WHERE THE WORK ZONE AND ANY RELATED EQUIPMENT ON THE RAMP IS FULLY OUTSIDE THE CLEAR ZONE OF THE MAINLINE TRAVEL LANE (30' FROM THE RIGHT EDGE LINE). ACCESS TO THE REST AREA FOR CONTRACTORS WORKING ON THE SITE SHALL BE MAINTAINED.

NOTIFY THE PROJECT ENGINEER 28 CALENDAR DAYS PRIOR TO THE PLANNED RAMP CLOSURE DATE. NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR 14 CALENDAR DAYS PRIOR TO THE SCHEDULED RAMP CLOSURES. THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS TO NOT INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS ANTICIPATED FOR THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

DURING THE ENTIRE DURATION OF THE REST AREA RAMP CLOSURE, A D5-6 SIGN SHALL BE PLACED APPROXIMATELY 1000' IN ADVANCE OF THE "ROAD WORK AHEAD" SIGN SHOWN IN MT-98.29. THE SIGN SHALL BE PLACED ON THE RIGHT HAND SIDE OF THE ROAD, SO AS TO NOT INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. THE MILEAGE SHOWN ON THE SIGN SHALL BE DETERMINED BY THE ENGINEER AT THE TIME OF ERECTION.



D5-6 (120" x 72", BLACK ON ORANGE PANEL)

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.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 39 M. GAL.

REMOVAL MISC.: (CONCRETE PAD, CONCRETE PICNIC TABLE, GRILL, BOULDER, FLAG POLE, VENDING MACHINE, WOOD POST, DRINKING FOUNTAIN, NEWSPAPER BOXES)

THESE ITEMS ARE LOCATED IN VARIOUS PLACES AROUND THE REST AREAS WITHIN THE ODOT RIGHT OF WAY. THE EXISTING CONCRETE PADS, OTHER CONCRETE ITEMS, GRILLS, DRINKING FOUNTAINS, AND WOOD POSTS SHALL BE FULLY REMOVED BY THE CONTRACTOR AND DISPOSED OF. THE VENDING MACHINES WILL BE REMOVED PRIOR TO CONSTRUCTION BUT THE ASSOCIATED ENCLOSURES WILL BE LEFT AND SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE NEWSPAPER BOXES SHALL BE REMOVED AND RETURNED TO THE OWNERS OF THE BOXES. ANY BOULDERS MAY BE RELOCATED ELSEWHERE ON THE SITE (WITHIN THE ODOT RIGHT OF WAY) AT THE DIRECTION OF THE ENGINEER. THE FLAG POLE AND ANY FLAGS SHALL BE REMOVED AND RETURNED TO THE ODOT DISTRICT 3 OFFICE. ANY LIGHTING ASSOCIATED WITH THE FLAG POLES SHALL BE REMOVED AND DISPOSED OF. ANY QUANTITIES RELATED TO ITEMS THAT HAVE BEEN REMOVED OR SALVAGED BY ODOT PRIOR TO CONSTRUCTION SHALL BE NON-PERFORMED.

PAYMENT FOR THE LABOR, REMOVAL, DISPOSAL, TRANSPORTATION, AND ANY INCIDENTAL ITEMS REQUIRED TO PERFORM THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEM 202, REMOVAL MISC. BID ITEMS.

REMOVAL MISC.: GROUND MOUNTED SIGNS AND POST SUPPORTS

THIS ITEM SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ALL GROUND MOUNTED SIGNS AND GROUND MOUNTED POST SUPPORTS WITHIN THE EXISTING REST AREAS THAT ARE NOT OTHERWISE SHOWN ON THE TRAFFIC CONTROL PLANS. THESE SIGNS ARE GENERALLY RELATED TO THE FLOW OF THE PARKING LOTS, REST AREA REGULATIONS, AND OTHER MISCELLANEOUS PLACARDS.

PAYMENT FOR THE LABOR, REMOVAL, DISPOSAL, AND ANY INCIDENTAL ITEMS REQUIRED TO REMOVE ALL GROUND MOUNTED SIGNS WITHIN THE CONSTRUCTION LIMITS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 202, REMOVAL MISC.: GROUND MOUNTED SIGNS AND POST SUPPORTS. FOR BIDDING PURPOSES, THE APPROXIMATE NUMBER OF SIGNS AT EACH SITE SHALL BE ASSUMED TO BE 8 AT THE SOUTHBOUND SITE AND 9 AT THE NORTHBOUND SITE.

REMOVAL MISC.: SANITARY PUMP STATION

THIS ITEM SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ALL ITEMS RELATED TO THE SANITARY PUMP STATION LOCATED ON THE NORTHERN EDGE OF THE SOUTHBOUND PARKING LOT THAT ARE NOT OTHERWISE QUANTIFIED. THIS ITEM SHALL INCLUDE, BUT WILL NOT BE LIMITED TO, THE FOLLOWING ITEMS: THE FENCE AND GATE SURROUNDING THE PUMP STATION, ANY SIGNAGE ATTACHED TO OR WITHIN THE FENCE, ANY CONCRETE PADS OR GRAVEL, ELECTRICAL PULL BOXES OR METERS SERVICING THE PUMP STATION, ANY UNDERGROUND SANITARY PIPES (WITHIN THE CONSTRUCTION LIMITS) THAT CONFLICT WITH ANY PROPOSED WORK ITEMS, AND ANY PUMPS OR OTHER DEVICES CONNECTED DIRECTLY TO THE SANITARY LINES.

PAYMENT FOR THE LABOR, REMOVAL, DISPOSAL, AND ANY INCIDENTAL ITEMS REQUIRED TO REMOVE THE PUMP STATION SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 202, REMOVAL MISC.: SANITARY PUMP STATION.

EXISTING PLANS

EXISTING PLANS ENTITLED MED-71-15.78 (2000, 2012, 2017), MED-71/76-22.71/5.9, MED-71-22.14, MED-71-22.50, MED-42-17.46, MED-42-21.94, MED-71-22.55, MED-71-0.00 MAY BE INSPECTED IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND, OH. THE DISTRICT MAY ALSO PROVIDE THESE PLANS ELECTRONICALLY UPON REQUEST.

SHEET NUMBER														PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.13	P.15	P.19	P.21	P.23	P.24	P.25	P.26	P.27	P.28	P.29	P.30	P.31		01/NFP	EXT	TOTAL				
														LS	201	11001	LS		ROADWAY	
														LS	201	11001	LS		CLEARING AND GRUBBING, AS PER PLAN	P.13
		13,093	7,595												20,688	202	23000	20,688	SY	PAVEMENT REMOVED
		9,075	4,601												13,676	202	30000	13,676	SF	WALK REMOVED
		3,578	1,908												5,486	202	32000	5,486	FT	CURB REMOVED
			404												404	202	35100	404	FT	PIPE REMOVED, 24" DIAMETER AND UNDER
			1,509												1,509	202	38000	1,509	FT	GUARDRAIL REMOVED
		3	1												4	202	58000	4	EACH	MANHOLE REMOVED
		1	4												5	202	58100	5	EACH	CATCH BASIN REMOVED
		1	1												2	SPECIAL	20266000	2	EACH	DRILLED WATER WELL ABANDONED
			63												63	202	75000	63	FT	FENCE REMOVED
														LS	202	98000	LS		REMOVAL MISC.: GROUND MOUNTED SIGNS AND POST SUPPORTS	P.13
		LS												LS	202	98000	LS		REMOVAL MISC.: SANITARY PUMP STATION	P.13
		12	15												27	202	98100	27	EACH	REMOVAL MISC.: CONCRETE PICNIC TABLE
		4	5												9	202	98100	9	EACH	REMOVAL MISC.: GRILL
		2,511	2,461												4,972	202	98400	4,972	SF	REMOVAL MISC.: CONCRETE PAD
			1												1	202	98100	1	EACH	REMOVAL MISC.: BOULDER
		1													1	202	98100	1	EACH	REMOVAL MISC.: DRINKING FOUNTAIN
		1	1												2	202	98100	2	EACH	REMOVAL MISC.: FLAG POLE
		2	1												3	202	98100	3	EACH	REMOVAL MISC.: VENDING MACHINE
			1												1	202	98100	1	EACH	REMOVAL MISC.: WOOD POST
			1												1	202	98100	1	EACH	REMOVAL MISC.: NEWSPAPER BOXES
	15,278														15,278	203	10000	15,278	CY	EXCAVATION
	5,791														5,791	203	20000	5,791	CY	EMBANKMENT
											32	70			102	204	10000	102	SY	SUBGRADE COMPACTION
											10	7			17	204	45000	17	HOUR	PROOF ROLLING
											558	369			927	206	10500	927	TON	CEMENT
											21,559	14,258			35,817	206	11000	35,817	SY	CURING COAT
											21,559	14,258			35,817	206	15020	35,817	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
					837.5										837.5	606	15050	837.5	FT	GUARDRAIL, TYPE MGS
					2										2	606	26100	2	EACH	ANCHOR ASSEMBLY, TYPE E
					2										2	606	26500	2	EACH	ANCHOR ASSEMBLY, TYPE T
				60	40										100	607	98000	100	FT	FENCE, MISC.: DUMPSTER SCREEN WALL
														LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
														LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
					4	5									9	SPECIAL	69050600	9	EACH	BOLLARD
								6	2						8	601	21050	8	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT
						195	208								403	601	21060	403	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT
						1	1								2	601	32200	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
		2													2	659	00100	2	EACH	SOIL ANALYSIS TEST
	1,365											844			2,209	659	00300	2,209	CY	TOPSOIL
	13,150														13,150	659	00500	13,150	SY	SEEDING AND MULCHING, CLASS 1
	615														615	659	14000	615	SY	REPAIR SEEDING AND MULCHING
	615														615	659	15000	615	SY	INTER-SEEDING
		1.72													1.72	659	20000	1.72	TON	COMMERCIAL FERTILIZER
		2.54													2.54	659	31000	2.54	ACRE	LIME
		68													68	659	35000	68	MGAL	WATER
												7,595			7,595	670	00500	7,595	SY	SLOPE EROSION PROTECTION
							324								324	670	00720	324	SY	DITCH EROSION PROTECTION MAT, TYPE B
														LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
														LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
														LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
												94,398			94,398	832	30000	94,398	EACH	EROSION CONTROL
							48								48	836	10000	48	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1

GENERAL SUMMARY

DESIGN AGENCY
TRANSYSTEMS
 400 W. NATIONWIDE BLVD., STE 225
 COLUMBUS, OHIO 43215

DESIGNER
MSW

REVIEWER
GHM 01/12/26

PROJECT ID
122872

SHEET TOTAL
 P.16 | 113

MED-IR 71 REST AREAS TP

MODEL: Sheet 2 PAPER: 34x22 (in.) DATE: 1/21/2026 TIME: 8:32:17 AM PLTDRY: OHDOT_PDF_Levels.plt PENTBL: OHDOT_Pen_Codes.tbl USER: dgrimm@gfinc.com WORKSPACE: OHDOTCE02 WORKSET: 122872 PRODUCT: OpenRoadsDesigner 24.00.00.205 p:\ohdot-pw-bentley.com\ohdot-pw-02\Documents\01 Active Projects\District 03\Medina\122872\402-Engineering_GannettFleming\Roadway\Sheets\122872_GS001.dgn

REF NO.	SHEET NO.	ALIGNMENT	STATION TO STATION		SIDE	202	202	202	202	202	202	SPECIAL	202	202	202	202	202	202	202	202	202	202	202
			FROM	TO		PAVEMENT REMOVED (ASPHALT) SY	PAVEMENT REMOVED (CONCRETE) SY	WALK REMOVED SF	CURB REMOVED FT	GUARDRAIL REMOVED FT	BUILDING DEMOLISHED (SB 1 STORY BRICK) LS	BUILDING DEMOLISHED (SB WOOD SHED) LS	DRILLED WATER WELL ABANDONED EACH	MANHOLE REMOVED EACH	CATCH BASIN REMOVED EACH	REMOVAL MISC.: CONCRETE PICNIC TABLE EACH	REMOVAL MISC.: GRILL EACH	REMOVAL MISC.: CONCRETE PAD SF	REMOVAL MISC.: DRINKING FOUNTAIN EACH	REMOVAL MISC.: FLAG POLE EACH	REMOVAL MISC.: VENDING MACHINE EACH	REMOVAL MISC.: SANITARY PUMP STATION LS	
R-101	P.35	SB LOT REAR	43+02.28		LT											1		97.3					
R-102	P.35	SB LOT REAR	43+28.96		RT											1		97.5					
R-103	P.35	SB LOT REAR	43+36.94		LT											1		96.3					
R-104	P.35	SB LOT REAR	43+60.22		LT											1		96.6					
R-105	P.35	SB LOT REAR	43+64.73		LT											1		96.9					
R-106	P.35	SB LOT REAR	43+72.55		RT											1		106.1					
R-107	P.35	SB LOT REAR	44+01.34		RT											1		107.0					
R-108	P.35	SB LOT REAR	44+30.90		RT											1		111.0					
R-109	P.35	SB LOT REAR	46+36.45		RT											1		97.0					
R-110	P.35	SB LOT REAR	46+38.55		RT											1		96.3					
R-111	P.35	SB LOT REAR	46+54.74		LT/RT											1		97.1					
R-112	P.35	SB LOT REAR	47+18.76		RT											1		96.6					
R-113	P.35	SB LOT REAR	43+85.04		RT										1		54.9						
R-114	P.35	SB LOT REAR	45+41.88		RT										1		55.1						
R-115	P.35	SB LOT REAR	46+63.00		RT										1		54.9						
R-116	P.35	SB LOT REAR	46+66.51		RT										1		54.3						
R-117	P.35	SB LOT REAR	43+99.04		LT									1									
R-118	P.35	SB LOT REAR	44.14.63		LT									1									
R-119	P.35	SB LOT REAR	44+14.68		LT									1									
R-121	P.35	SB LOT REAR	42+58.95		RT												8.6						
R-146	P.35	SB LOT REAR	44+78.00		RT													1					
R-122	P.35	SB LOT REAR	42+71.31		RT												29.4						
R-123	P.35	SB LOT REAR	43+29.37		RT												55.5						
R-124	P.35	SB LOT REAR	43+30.23		LT												8.5						
R-125	P.35	SB LOT REAR	43+48.85		RT												8.8						
R-126	P.35	SB LOT REAR	43+93.07		RT												8.8						
R-127	P.35	SB LOT REAR	44+27.51		RT												8.5						
R-128	P.35	SB LOT REAR	44+46.29		RT												106.6						
R-129	P.35	SB LOT REAR	44+52.07		RT												106.8						
R-130	P.35	SB LOT REAR	45+11.46		RT												9.3						
R-131	P.35	SB LOT REAR	45+30.25		RT												9.1						
R-132	P.35	SB LOT REAR	45+45.96		RT												8.6						
R-133	P.35	SB LOT REAR	45+67.73		RT												9.1						
R-134	P.35	SB LOT REAR	42+69.62		LT/RT												553.1						
R-135	P.35	SB LOT REAR	44+60.78		LT												8.8						
R-136	P.35	SB LOT REAR	44+77.74		LT						LS												
R-137	P.35	SB LOT REAR	45+16.74		RT												23.9					1	
R-138	P.35	SB LOT REAR	45+19.84		RT												23.9					1	
R-139	P.35	SB LOT REAR	44+82.08		RT																1		
R-141	P.34	RAMP A	39+13.42		CTR										1								
R-142	P.35	SB LOT REAR	47+83.94	48+14.79	LT/RT																		LS
R-143	P.35	SB SITE 18	34+87.10	55+03.16	LT/RT																		
R-144	P.35	SB SITE 18	34+87.10	55+03.16	LT/RT		13093																
R-145	P.35	SB LOT REAR	40+00.00	49+07.68	LT/RT																	9075	
R-147	P.35	SB LOT REAR	43+29.37	43+37.27	LT													54.7					
R-148	P.35	SB LOT REAR	43+29.37	43+37.27	LT													54.5					
R-149	P.35	SB LOT REAR	44+53.56	44+67.95	LT							LS											
R-150	P.35	SB LOT REAR	43+57.68	43+60.68	RT																		
TOTALS CARRIED TO GENERAL SUMMARY								13093	9075	3578		LS	LS	1	3	1	12	4	2511	1	1	2	LS

ROADWAY REMOVED ESTIMATED QUANTITIES

DESIGN AGENCY

 DESIGNER
 TAB
 REVIEWER
 KCF 01/12/26
 PROJECT ID
 122872
 SHEET TOTAL
 P.19 | 113

SHEET NO.	REF NO.	STATION	CHAIN	SIDE	OUTLET ELEVATION	601	605	611	611	FOR INFORMATION ONLY								
						TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	4" BASE PIPE UNDERDRAINS	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	PRECAST REINFORCED CONCRETE OUTLET	BENDS AND BRANCHES								
										SY	FT	FT	EACH	4" PLUG	4" X 11.25" BEND	4" X 22.50" BEND	4" X 45" BEND	4" X 90" BEND
P.38 / P.39	UD-30	55+03.00	48+65.00	RAMP B	LT	1113.55		578							1			
P.38 / P.39	UD-31	55+03.00	48+64.00	RAMP B	CTR	1114.66		273									1	
P.38 / P.39	UD-32	54+90.00	20+50.00	RAMP B / SB LOT FRONT	RT	1107.78		1090	5			1					1	
P.35	UD-33	26+49.00	21+44.00	SB LOT FRONT	RT	1107.74		521				1					1	
P.35	UD-34	26+49.00	21+23.00	SB LOT FRONT	RT	1107.86		523				1					1	
P.35	UD-35	26+28.00	21+44.00	SB LOT FRONT	RT	1107.98	2	583	10	1			1					
P.35	UD-36	25+82.00	20+58.00	SB LOT FRONT	LT	1108.24		525				1					1	
P.35	UD-37	25+82.00	20+58.00	SB LOT FRONT	LT	1108.61		478				1					2	
P.35	UD-38	25+82.00	21+27.00	SB LOT FRONT	LT	1109.70		455				1					1	
P.35	UD-39	25+82.00	21+04.00	SB LOT FRONT	LT	1109.09		497				1		1				
P.35	UD-40	47+34.00	41+80.00	SB LOT REAR	LT	1109.53	2	514	10	1								
P.35	UD-41	47+10.00	42+15.00	SB LOT REAR	LT / CTR / RT	1109.70		557				1		1				
P.35	UD-42	46+63.00	42+30.00	SB LOT REAR	LT	1108.58		438				1					1	
P.35	UD-43	46+40.00	42+20.00	SB LOT REAR	LT	1108.18		438				1					1	
P.35	UD-44	46+14.00	42+15.00	SB LOT REAR	LT	1106.04	2	436	10	1							1	
P.35	UD-45	21+45.00	21+45.00	SB LOT FRONT	LT	1110.17		40				1			1		1	
P.35	UD-46	20+97.00	20+58.00	SB LOT FRONT	LT	1109.38		40				1					1	
P.35	UD-47	20+97.00	20+58.00	SB LOT FRONT	LT	1108.99		40				1					1	
P.35	UD-48	20+58.00	20+58.00	SB LOT FRONT	LT	1107.86		102				1						
P.34	UD-49	39+81.00	38+00.00	SB LOT REAR / RAMP A	RT	1105.41		208	10						1			
P.34	UD-50	39+81.00	38+00.00	RAMP A	CTR	1105.80		140				1					1	
P.34	UD-55	39+72.00	38+68.00	SB LOT FRONT / RAMP A	LT	1106.36		104				1						
P.34	UD-51	38+64.00	38+00.00	RAMP A	LT	1105.35		62										
P.33 / P.34	UD-52	38+00.00	35+16.00	RAMP A	RT	EX UD		282				1						
P.33 / P.34	UD-53	38+00.00	34+87.00	RAMP A	CTR	EX UD		309				1						
P.33 / P.34	UD-54	38+00.00	34+88.00	RAMP A	LT	EX UD		307				1						
P.34	UD-56	40+30.00	39+80.00	SB REAR LOT / RAMP A	CTR	1107.77		31				1						
P.34	UD-57	20+03.75	20+41.76	SB REAR LOT / RAMP A	CTR	1107.30		38				1						
SUBTOTAL							6	9609	45	3		23	1		3	3	15	
TOTALS CARRIED TO GENERAL SUMMARY							6	9609	45	3								

UNDERDRAIN ESTIMATED QUANTITIES

DESIGN AGENCY



DESIGNER

TAB

REVIEWER

KCF 01/12/26

PROJECT ID

122872

SHEET TOTAL

P.27 | 113

USGS MAP: MEDINA QUADRANGLE
OHIO - MEDINA COUNTY
MEDINA, OH 2023

LATITUDE: 41°13'21" N LONGITUDE: 81°47'34" W

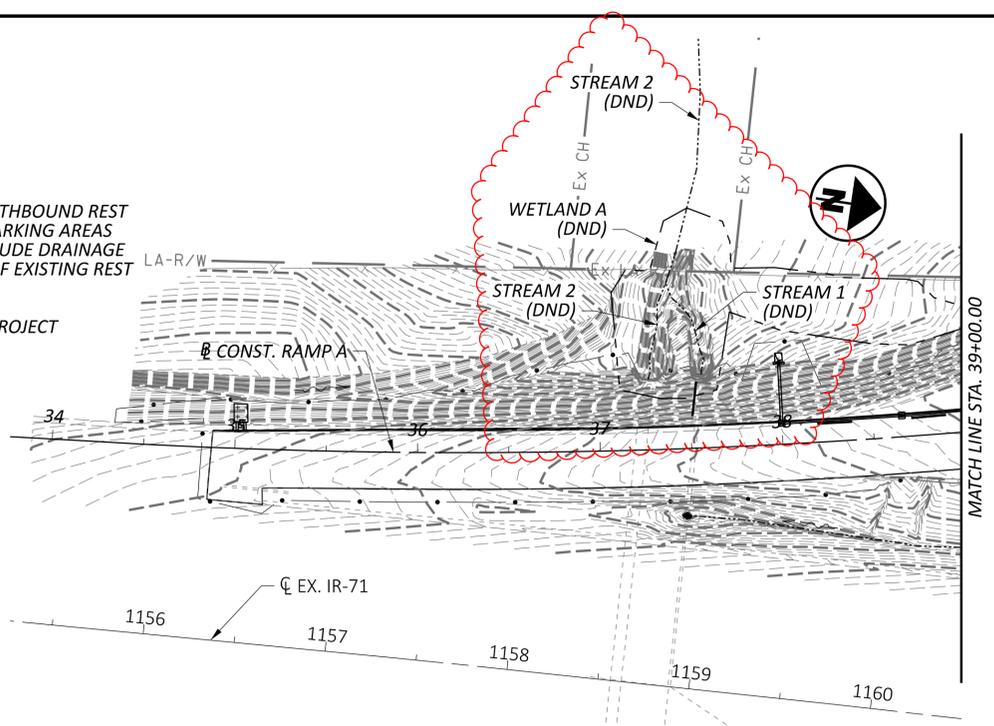
PROJECT DESCRIPTION:

IMPROVEMENT OF THE IR-71 SOUTHBOUND AND NORTHBOUND REST AREAS INCLUDING CONFIGURATION OF NEW TRUCK PARKING AREAS WITH FULL DEPTH PAVEMENT. THE PROJECT WILL INCLUDE DRAINAGE IMPROVEMENTS, NEW LIGHTING, AND DEMOLITION OF EXISTING REST AREA FACILITIES

*LONGITUDE AND LATITUDE TO APPROX. CENTER OF PROJECT



PIT LATRINE AND SIDEWALK AREAS TO BE CONSTRUCTED BY ODOT FACILITIES DEPARTMENT



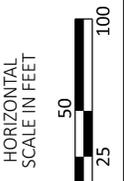
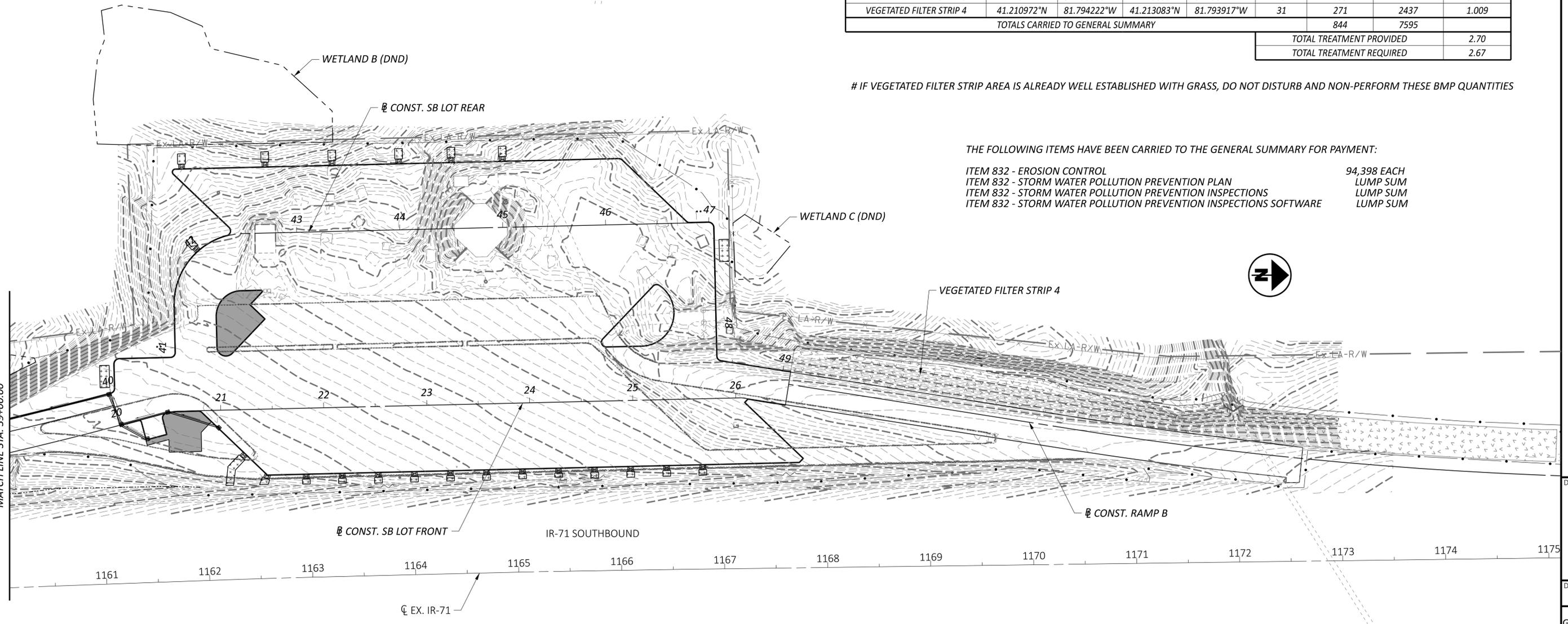
PROJECT DATA	
TOTAL AREA (RIGHT-OF-WAY)..... 13.35 ACRES	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE..... 0.77
PROJECT EARTH DISTURBED AREA..... 13.35 ACRES	RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE..... 0.81
ESTIMATED CONTRACTOR EARTH DISTURBED AREA 2.00 ACRES	POST CONSTRUCTION BMP: VEGETATED FILTER STRIPS
NOTICE OF INTENT EARTH DISTURBED AREA..... 15.35 ACRES	
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE..... 4.69 ACRES	IMMEDIATE RECEIVING WATERS: UNNAMED TRIBUTARIES TO PLUM CREEK
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE..... 7.25 ACRES	SUBSEQUENT RECEIVING WATER: PLUM CREEK

BMP TYPE	LATITUDE/LONGITUDE		BMP WIDTH (FEET)	# ITEM 659 TOPSOIL (CY)	# ITEM 670 SLOPE EROSION PROTECTION (SY)	EDA TREATMENT CREDIT (ACRES)
	BEGIN	END				
VEGETATED FILTER STRIP 1	41.219806°N 81.793167°W	41.221417°N 81.792917°W	15	110	988	0.365
VEGETATED FILTER STRIP 2	41.219972°N 81.793222°W	41.221417°N 81.793028°W	42	305	2748	0.751
VEGETATED FILTER STRIP 3	41.220722°N 81.793306°W	41.223056°N 81.793417°W	15	158	1422	0.573
VEGETATED FILTER STRIP 4	41.210972°N 81.794222°W	41.213083°N 81.793917°W	31	271	2437	1.009
TOTALS CARRIED TO GENERAL SUMMARY				844	7595	
TOTAL TREATMENT PROVIDED						2.70
TOTAL TREATMENT REQUIRED						2.67

IF VEGETATED FILTER STRIP AREA IS ALREADY WELL ESTABLISHED WITH GRASS, DO NOT DISTURB AND NON-PERFORM THESE BMP QUANTITIES

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR PAYMENT:

- ITEM 832 - EROSION CONTROL 94,398 EACH
- ITEM 832 - STORM WATER POLLUTION PREVENTION PLAN LUMP SUM
- ITEM 832 - STORM WATER POLLUTION PREVENTION INSPECTIONS LUMP SUM
- ITEM 832 - STORM WATER POLLUTION PREVENTION INSPECTIONS SOFTWARE LUMP SUM



PROJECT SITE PLAN
SOUTHBOUND REST AREA

MED-IR 71 REST AREAS TP

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DESIGN AGENCY
GANNETT FLEMING

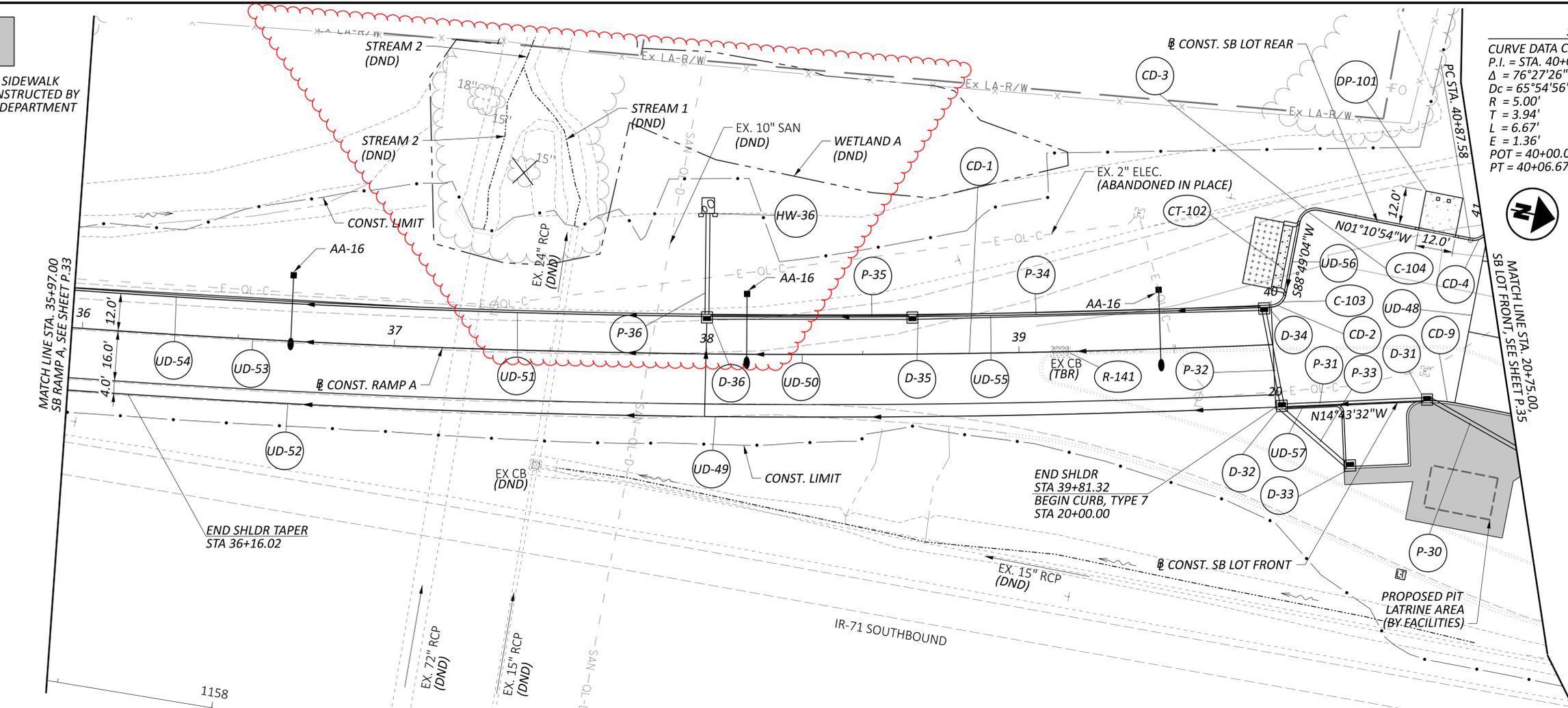
DESIGNER
MHT

REVIEWER
GHM 01/12/26

PROJECT ID
122872

SHEET TOTAL
P.31 | 113

PIT LATRINE AND SIDEWALK
 AREAS TO BE CONSTRUCTED BY
 ODOT FACILITIES DEPARTMENT



SB LOT REAR

CURVE DATA CD-2	CURVE DATA CD-3
P.I. = STA. 40+03.94	P.I. = STA. 40+35.03
$\Delta = 76^{\circ}27'26''$ LT	$\Delta = 90^{\circ}00'02''$ RT
Dc = 65'54'56"	Dc = 65'54'56"
R = 5.00'	R = 5.00'
T = 3.94'	T = 5'
L = 6.67'	L = 7.85'
E = 1.36'	E = 2.07'
POT = 40+00.00	PC = 40+30.03
PT = 40+06.67	PT = 40+37.33

CURVE DATA CD-4

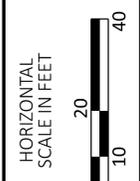
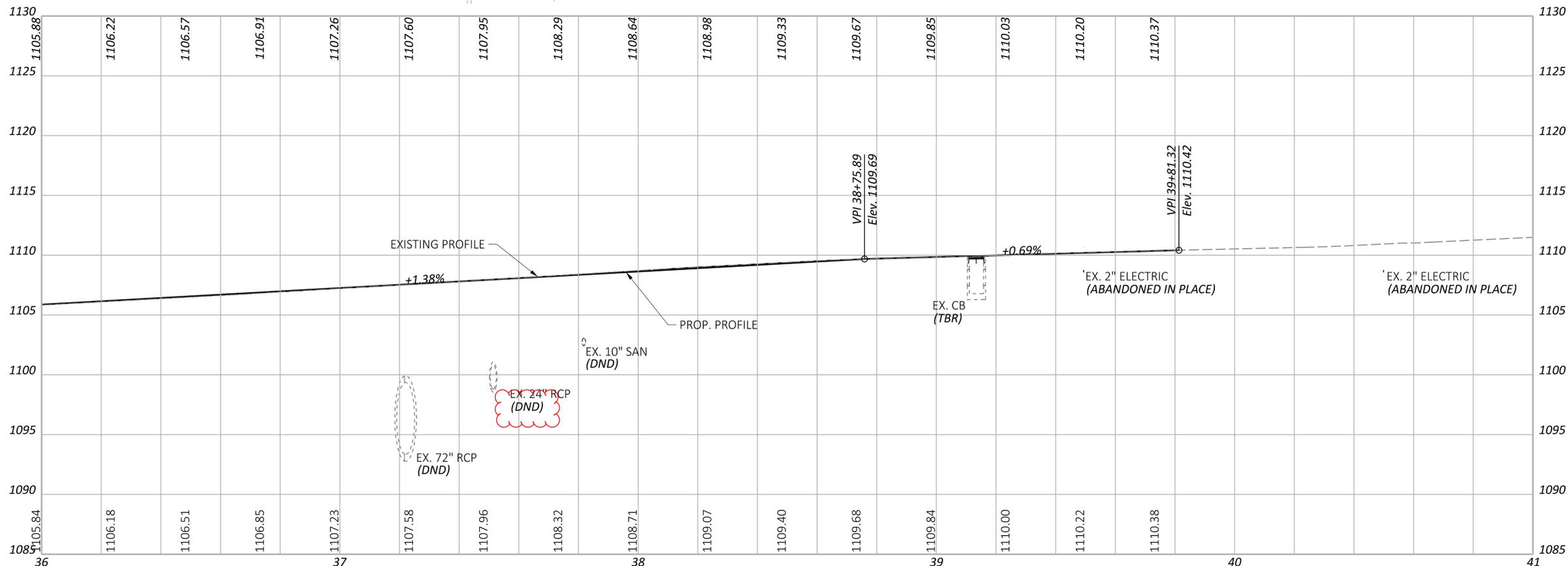
P.I. = STA. 40+92.58
$\Delta = 90^{\circ}00'02''$ LT
Dc = 65'54'56"
R = 5.00'
T = 5.00'
L = 7.85'
E = 2.07'
PC = 40+87.58
PT = 40+95.43

SB LOT FRONT

CURVE DATA CD-9
P.I. = STA. 20+52.63
$\Delta = 13^{\circ}32'36''$ RT
Dc = 114'35'30"
R = 50.00'
T = 5.94'
L = 11.82'
E = 35'
PC = 20+46.69
PT = 20+58.51

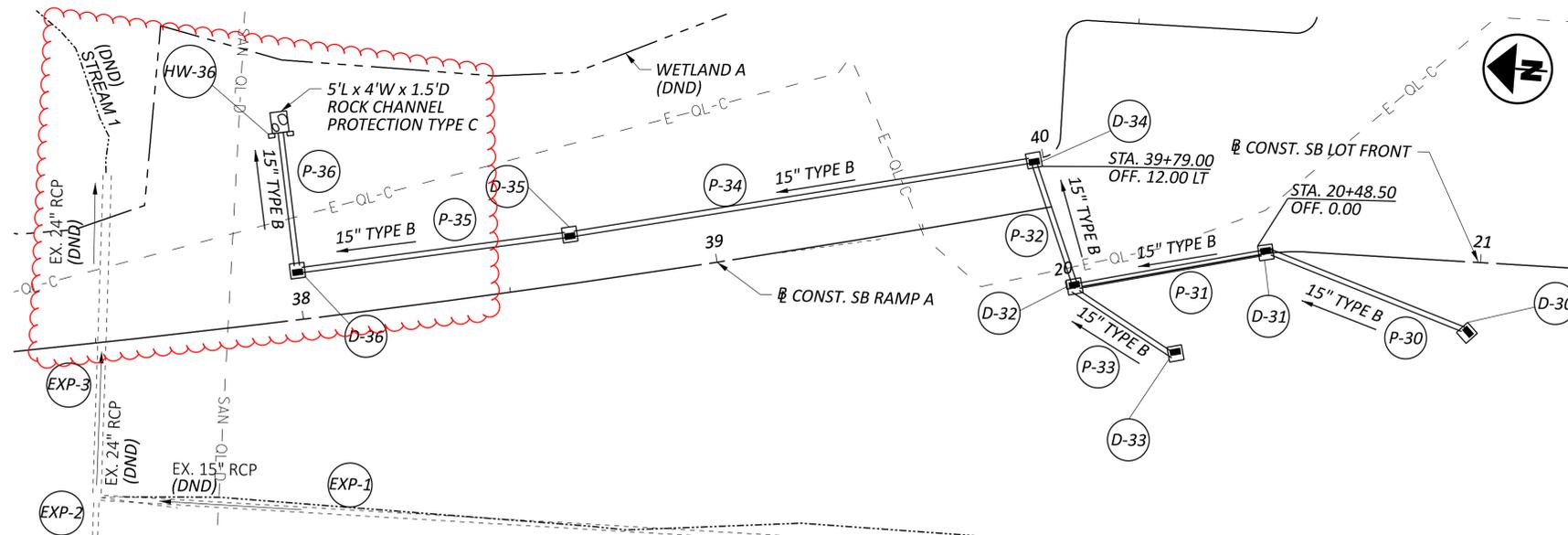
RAMP A

CURVE DATA CD-1
P.I. = STA. 37+01.32
$\Delta = 09^{\circ}39'46''$ LT
Dc = 01'43'17"
R = 3,328.45'
T = 281.34'
L = 561.34'
E = 11.87'



PLAN AND PROFILE - RAMP A
 STA. 36+00.00 TO STA. 40+00.00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TAB
REVIEWER	KCF 01/12/26
PROJECT ID	122872
SHEET	P.34
TOTAL	113

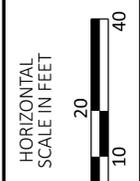
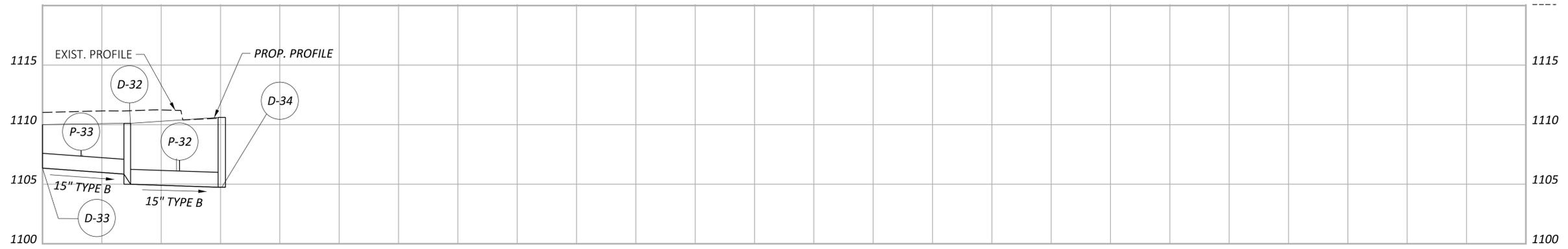
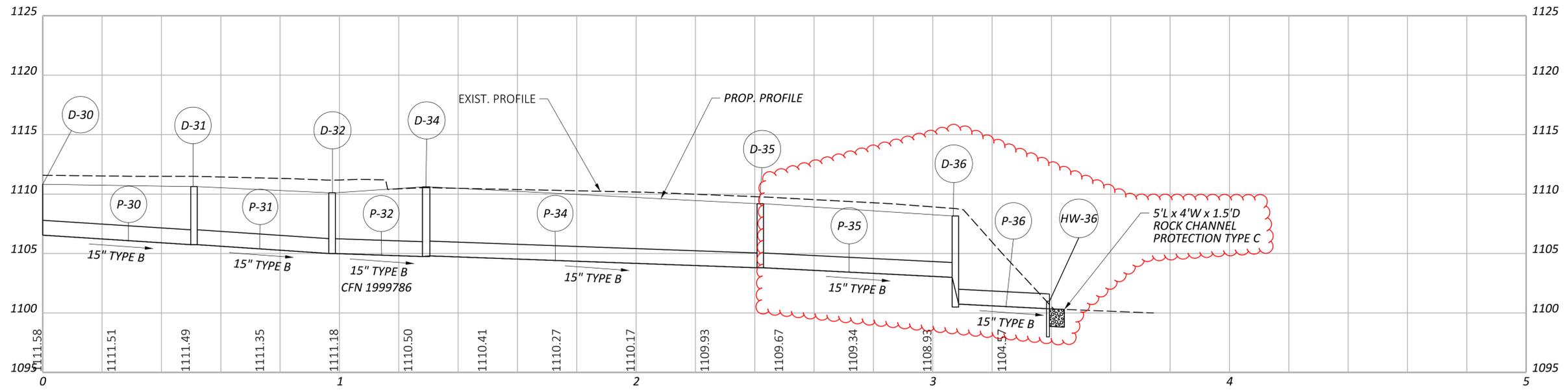


DRAINAGE STRUCTURES DETAILS

REF NO.	BASELINE NAME	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEV.	INVERT ELEV.	CONNECTED PIPES	DISPOSITION
D-30	PGL_LOT FRONT	20+97.50	17.18 ft	RT	CB-3A	1110.83 ft	1106.55 ft	(OUT) P-30 S 1106.55	
D-31	PGL_LOT FRONT	20+48.51	0.00 ft	LT	CB-3A	1110.63 ft	1105.75 ft	(IN) P-30 N 1105.75, (OUT) P-31 S 1105.75	
D-32	PGL_LOT FRONT	20+02.00	0.00 ft	LT	CB-3A	1110.11 ft	1105.00 ft	(IN) P-33 NE 1105.85, (IN) P-31 N 1105, (OUT) P-32 SW 1105	
D-33	PGL_LOT FRONT	20+22.99	20.00 ft	RT	CB-3A	1110.01 ft	1106.35 ft	(OUT) P-33 SW 1106.35	
D-34	RAMP A	39+78.99	12.00 ft	LT	CB-3A	1110.61 ft	1104.80 ft	(IN) P-32 NE 1104.80, (OUT) P-34 S 1104.8	
D-35	RAMP A	38+66.00	12.00 ft	LT	CB-3A	1109.19 ft	1103.80 ft	(IN) P-34 N 1103.8, (OUT) P-35 S 1103.8	
D-36	RAMP A	38+00.00	12.00 ft	LT	CB-3A	1108.16 ft	1100.75 ft	(IN) P-35 N 1103, (OUT) P-36 W 1100.75	

DRAINAGE PIPES DETAILS

REF NO.	CFN	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF NO.	START INVERT ELEV.	STOP STRUCT. REF NO.	STOP INVERT ELEV.	DISPOSITION
P-30		50 ft	15"	TYPE B	1.60 %	D-30	1106.55 ft	D-31	1105.75 ft	
P-31		47 ft	15"	TYPE B	1.60 %	D-31	1105.75 ft	D-32	1105.00 ft	
P-32		28 ft	15"	TYPE B	1.79 %	D-32	1106.35 ft	D-32	1105.85 ft	
P-33	1999786	31 ft	15"	TYPE B	0.65 %	D-33	1105.00 ft	D-34	1104.80 ft	
P-34		113 ft	15"	TYPE B	0.88 %	D-34	1104.80 ft	D-35	1103.80 ft	
P-35		66 ft	15"	TYPE B	1.22 %	D-35	1103.80 ft	D-36	1103.00 ft	
P-36		33 ft	15"	TYPE B	1.28 %	D-36	1100.75 ft	D-37	1100.33 ft	

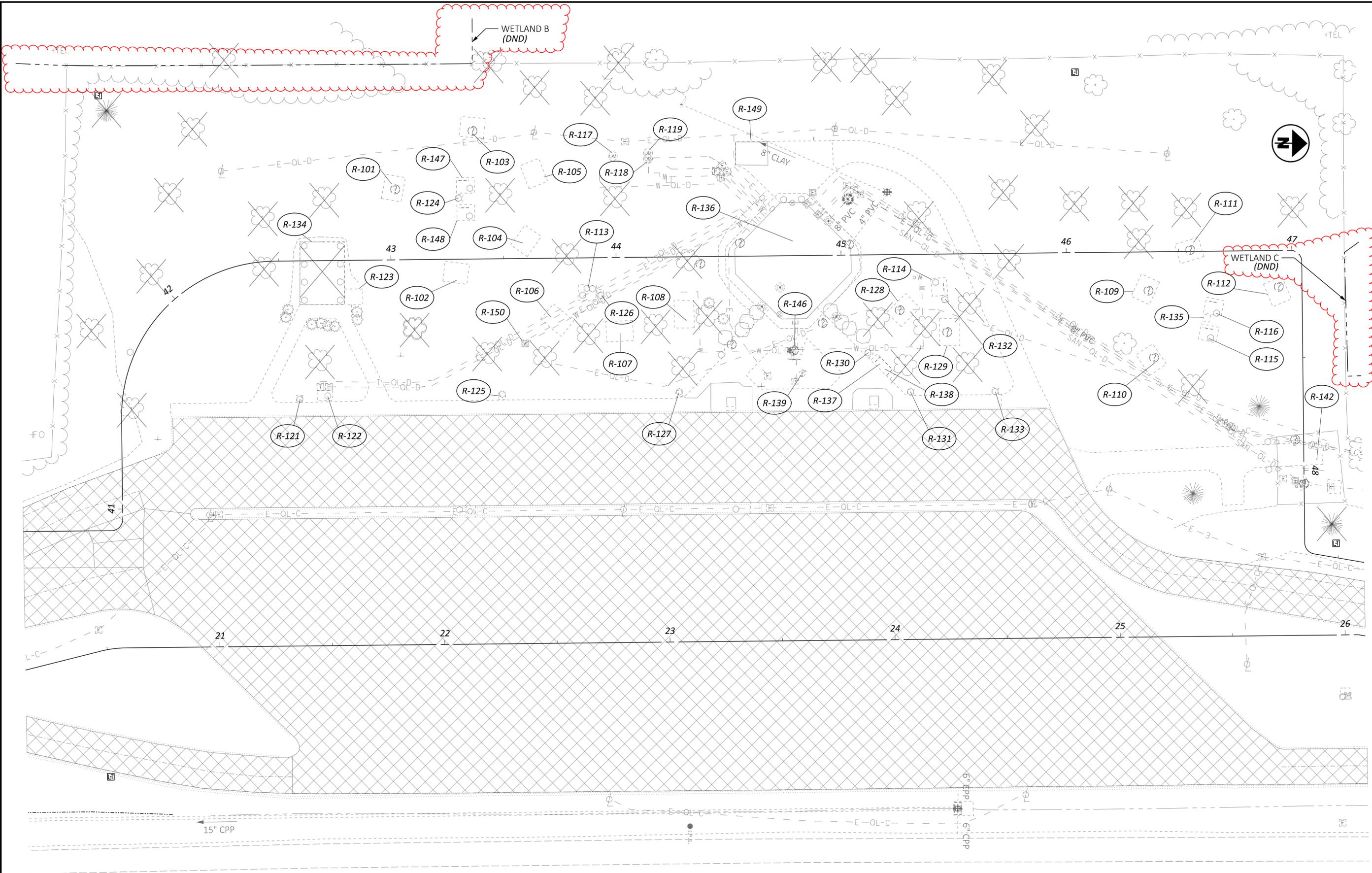


STORM SEWER PROFILES
SOUTHBOUND REST AREA

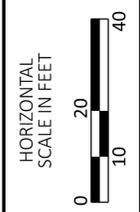
DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TAB
REVIEWER	KCF 01/12/26
PROJECT ID	122872
SHEET TOTAL	P.79 113

MED-IR 71 REST AREAS TP

MODEL: Unnamed Plan - Plan 1 [Sheet] PAPER SIZE: 34x22 (in.) DATE: 1/21/2026 TIME: 9:47:38 AM PLOTDRY: OHDOT_PDF_Levels.plt PENTBL: OHDOT_Pen_Codes.tbl USER: dgrimm@gtinc.com WORKSPACE: OHDOTCEV02_WORKSET.122872_PRODUCT: OpenRoadsDesigner 24.00.00.205
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 PAVEMENT REMOVED



DEMOLITION PLAN
SOUTHBOUND REST AREA

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TAB
REVIEWER	KCF 01/12/26
PROJECT ID	122872
SHEET TOTAL	P.81 113

TEMPORARY LIGHTING

INSTALL ALL PERMANENT LIGHTING PRIOR TO OPENING THE PROPOSED FACILITY TO TRAFFIC. IF THE PERMANENT LIGHTING IS NOT ABLE TO BE COMPLETED PRIOR TO OPENING, SUPPLY TEMPORARY LIGHTING MEETING THE PHOTOMETRIC PROPERTIES OF THE PERMANENT LIGHTING PLAN PRIOR TO OPENING THE FACILITY TO TRAFFIC. A MINIMUM OF 14 DAYS PRIOR TO THE INSTALLATION OF ANY SUCH TEMPORARY LIGHTING, SUPPLY A TEMPORARY LIGHTING PLAN TO THE ENGINEER FOR APPROVAL. THIS LIGHTING PLAN MUST ALSO BE APPROVED BY THE DISTRICT TRAFFIC ENGINEER. THE CONTRACTOR IS PROHIBITED FROM INSTALLING ANY SUCH TEMPORARY LIGHTING UNTIL THE TEMPORARY LIGHTING PLAN IS APPROVED BY THE PROJECT AND DISTRICT TRAFFIC ENGINEERS.

AT A MINIMUM, THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 0.8 FOOT-CANDLES WITH AN AVERAGE-TO-MINIMUM UNIFORMITY NOT TO EXCEED 3:1. THE MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING. WHEN POSSIBLE, THE TEMPORARY LIGHTING SHALL UTILIZE A PERMANENT POWER SOURCE (i.e. A POWER DROP FROM AN EXISTING OR PROPOSED TRANSMISSION OR DISTRIBUTION ELECTRIC LINE) RATHER THAN A TEMPORARY SOURCE (i.e. PORTABLE GENERATORS). TEMPORARY SOURCES OF ELECTRICITY MAY ONLY BE USED WHEN NO PERMANENT SOURCES ARE AVAILABLE.

AFTER THE INSTALLATION, INSPECTION, AND ACCEPTANCE OF THE FINAL PERMANENT LIGHTING, AND WHEN THE TEMPORARY LIGHTING IS NO LONGER NEEDED, REMOVE AND PROPERLY DISPOSE OF THE TEMPORARY LIGHTING EQUIPMENT AND MATERIALS.

IN ACCORDANCE WITH C&MS 105, THE CONTRACTOR IS ALSO RESPONSIBLE FOR MAINTAINING EXISTING LIGHTING PRIOR TO CLOSURE OF THE PROJECT AREA TO TRAFFIC.

WHEN THE PROJECT BEGINS AND THE CONTRACTOR HAS TAKEN OVER THE MAINTENANCE OF THE EXISTING FACILITIES, THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED LAYOUTS AND LOCATIONS OF THE EXISTING AND PROPOSED ELECTRICAL CIRCUITS AND RELATED ITEMS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND ELECTRICAL CIRCUITS FOR THE DURATION OF THE PROJECT.

PAYMENT FOR THE ABOVE DETAILED TEMPORARY LIGHTING AND MAINTENANCE OF TRAFFIC TO INSTALL PERMANENT LIGHTING, IF NEEDED, WILL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID PRICE FOR MAINTENANCE OF TRAFFIC AND WILL INCLUDE ALL MATERIAL, EQUIPMENT, LABOR, AND OTHER INCIDENTALS NEEDED TO COMPLETE THE WORK.

TEMPORARY LIGHTING LUMP

UNDERDRAINS FOR PULL BOXES

REFERENCE TRAFFIC SCD HL-30.11 FOR DETAILS ABOUT DRAINING PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT EXCEED 20 FEET. THE FOLLOWING BID ITEMS HAVE BEEN QUANTIFIED IN THE LIGHTING SUBSUMMARY:

ITEM 611, 4" CONDUIT, TYPE E 240 FEET

HIGH VOLTAGE TEST WAIVED

THE HIGH VOLTAGE TEST SHALL NOT BE PERFORMED ON THE EXISTING CIRCUIT MODIFIED BY THIS PROJECT, SINCE THE TEST COULD DAMAGE THE PORTION OF THE COMPLETED CIRCUIT WHICH HAS BEEN IN SERVICE PRIOR TO THIS PROJECT.

ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (CONVENTIONAL) (AT20B40)

LIGHT POLES AND BRACKET ARMS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT MATT SIMON AT 419-207-2881 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S MEDINA OUTPOST: 3220 MEDINA RD, MEDINA, OH 44265. ALL ITEMS SHALL BE INSTALLED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (LIGHT TOWER BBBB45)

LIGHT TOWERS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT MATT SIMON AT 419-207-2881 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S MEDINA OUTPOST: 3220 MEDINA RD, MEDINA, OH 44265. ALL ITEMS SHALL BE INSTALLED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LIGHTING, MISC.: TEST EXISTING CIRCUIT

UPON COMPLETION OF THE MODIFICATIONS TO THE EXISTING LIGHTING CIRCUITS, THE CONTRACTOR SHALL TEST ALL EXISTING/MODIFIED CIRCUITS TO VERIFY THAT POWER IS SUPPLIED TO ALL LIGHT POLES, AND THAT NO CIRCUITS HAVE BEEN DAMAGED. REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL BE PRESENT FOR THE INSPECTION OF THESE CIRCUITS.

TESTING OF EXISTING CIRCUITS SHALL BE CHECKED AT EACH PROPOSED POWER SERVICE LOCATION THAT WILL SERVE ALL, OR PORTIONS OF EXISTING LIGHTING CIRCUITRY.

PAYMENT WILL BE MADE AT THE UNIT PRICE UNDER CMS ITEM 625, "LIGHTING, MISC.: TEST EXISTING CIRCUIT" FOR EACH INDICATED POWER SERVICE INSTALLATION WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLINE MANNER.

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 625, LIGHTING, MISC.: TEST EXISTING CIRCUIT 2 EACH

ITEM 625, ARC FLASH CALCULATIONS AND LABEL, (NORTHBOUND AND SOUTHBOUND IR-71 TRUCK PARKING LIGHTING CONTROL CENTERS)

FOR THE FOLLOWING LOCATIONS, PERFORM AND SUBMIT ARC FLASH HAZARD CALCULATIONS, PREPARE THE NECESSARY LABEL AND AFFIX THE LABEL TO THE ELECTRICAL DEVICE PER SS 825.

LOCATIONS:
 SOUTHBOUND CONTROL CENTER (CC) STA. 48+64.16, 29.20' LT.
 NORTHBOUND CONTROL CENTER (EX CC) STA. 42+8.64, 55.24' RT.

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 625, ARC FLASH CALCULATIONS AND LABEL 2 EACH

ITEM 625, LIGHT TOWER REMOVED, AS PER PLAN

THE EXISTING LIGHT TOWERS THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LIGHT POLE REMOVED, AS PER PLAN

THE EXISTING LIGHT POLES THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LUMINAIRE REMOVED, AS PER PLAN

THE EXISTING LED LUMINAIRES THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

DESIGN AGENCY



DESIGNER

MJB

REVIEWER

DKA 01-12-26

PROJECT ID

122872

SHEET TOTAL

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