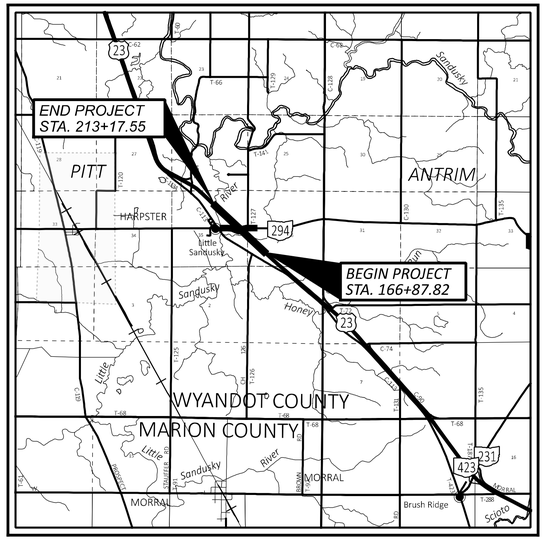


LOCATION MAP

LATITUDE: 40°44'18" LONGITUDE: 83°12'33"

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

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

WYA-23-3.47

PITT TOWNSHIP

WYANDOT COUNTY

INDEX OF SHEETS:

TITLE SHEET	*P. 1*	*SUPERELEVATION TABLES*	*P. 177 - P. 181*
SCHEMATIC	*P. 2 - P. 3*	*GRADING PLANS*	*P. 182 - P. 184*
TYPICAL SECTIONS	*P. 4 - P. 13*	*INTERCHANGE DETAILS*	*P. 185 - P. 191*
GENERAL NOTES	*P. 14 - P. 16*	*JOINT DETAILS*	*P. 192 - P. 193*
MAINTENANCE OF TRAFFIC	*P. 17 - P. 43*	*INTERSECTION DETAILS*	*P. 194 - P. 196*
GENERAL SUMMARY	*P. 44 - P. 49*	*DRIVE DETAILS*	*P. 197 - P. 197A*
SUBSUMMARIES	*P. 50 - P. 58*	*STORM SEWER PROFILES*	*P. 198 - P. 199*
PROJECT SITE PLAN	*P. 59 - P. 60*	*CULVERT DETAILS*	*P. 200 - P. 204*
PLAN & PROFILE - US 23	*P. 61 - P. 67*	*DRAINAGE DETAILS*	*P. 205 - P. 206*
PLAN & PROFILE - SR 294	*P. 68 - P. 72*	*TRAFFIC CONTROL PLANS*	*P. 207 - P. 229*
PLAN & PROFILE - RAMP A	*P. 73 - P. 74*	*LIGHTING DETAILS*	*P. 230 - P. 234*
PLAN & PROFILE - RAMP B	*P. 75 - P. 76*	*STRUCTURES OVER 20' SPAN*	
PLAN & PROFILE - RAMP C	*P. 77 - P. 78*	*WYA-23-3.47*	*P. 235 - P. 275*
PLAN & PROFILE - RAMP D	*P. 79 - P. 80*	*WYA-23-3.99 L & R*	*P. 276 - P. 291*
PLAN & PROFILE - TR 127	*P. 81 - P. 84*	*FENCE DETAILS*	*P. 292 - P. 295*
CROSS SECTIONS - US 23	*P. 85 - P. 118*	*GEOTECHNICAL PROFILE*	*P. 296 - P. 331*
CROSS SECTIONS - SR 294	*P. 119 - P. 134*	*RIGHT OF WAY PLANS*	*RW.1 - RW.24*
CROSS SECTIONS - RAMP A	*P. 135 - P. 143*		
CROSS SECTIONS - RAMP B	*P. 144 - P. 148*		
CROSS SECTIONS - RAMP C	*P. 149 - P. 154*		
CROSS SECTIONS - RAMP D	*P. 155 - P. 164*		
CROSS SECTIONS - TR 127	*P. 165 - P. 176*		

DESIGN DESIGNATION

	US-23	*SR-294*	*TR-127*
CURRENT ADT (2028)	*17500*	*430*	*240*
DESIGN YEAR ADT (2048)	*19560*	*460*	*250*
DESIGN HOURLY VOLUME (2048)	*2150*	*50*	*30*
DIRECTIONAL DISTRIBUTION	*51%*	*60%*	*60%*
TRUCKS (24 HOUR B&C)	*32%*	*11%*	*0%*
DESIGN SPEED	*70 MPH*	*60 MPH*	*55 MPH*
LEGAL SPEED	*65 MPH*	*55 MPH*	*55 MPH*
DESIGN FUNCTIONAL CLASSIFICATION:	*03 PRINCIPAL ARTERIAL (RURAL)*	*06 MINOR COLLECTOR (RURAL)*	*07 LOCAL (RURAL)*
NHS PROJECT	*YES*	*NO*	*NO*

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

FEDERAL PROJECT NUMBER

E240 (551)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

REMOVE THE AT-GRADE CROSSING AND CONSTRUCT A NEW DIAMOND INTERCHANGE AT US-23 AND SR-294 BY ELEVATING THE SR-294 ROADWAY OVER THE US-23 ROADWAY. THIS PROJECT ALSO INCLUDES THE REHABILITATION OF THE WYA-23-3.99 L & R STRUCTURES AND THE REALIGNMENT AND WIDENING OF TR-127. THE TOTAL PROJECT LENGTH IS 0.88 MILES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	*34.4 ACRES*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	*0.7 ACRES*
NOTICE OF INTENT EARTH DISTURBED AREA:	*35.1 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.

Christopher A. Hughes, P.E.
District 01 Deputy Director

Pamela Boratyn
Director, Department of Transportation

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:
E.L. ROBINSON ENGINEERING
950 Goodale Blvd, Suite 180 · Grandview Heights, Ohio 43212
www.elrobinsonengineering.com

STANDARD CONSTRUCTION DRAWINGS

BP-1.1	*7/28/00*	*F-2.1*	*7/20/18*	*AS-1-15*	*1/20/23*			*MT-95.30*	*7/18/25*	*TC-41.30*	*4/21/23*
BP-2.1	*1/21/22*	*F-3.3*	*7/19/13*	*AS-2-15*	*7/21/23*	*HL-10.11*	*7/17/26*	*MT-95.40*	*7/18/25*	*TC-41.40*	*1/16/26*
BP-2.2	*1/16/26*	*F-3.4*	*7/19/13*			*HL-10.12*	*1/16/26*	*MT-95.50*	*7/21/17*	*TC-41.41*	*7/19/19*
BP-2.3	*1/16/26*			*DBR-2-73*	*7/19/02*	*HL-10.13*	*7/17/26*	*MT-99.30*	*1/17/20*	*TC-41.50*	*10/18/13*
BP-3.1	*1/19/24*	*MGS-2.1*	*7/17/26*			*HL-20.11*	*1/16/26*	*MT-99.50*	*7/18/25*	*TC-42.10*	*10/18/13*
		MGS-3.1	*7/17/26*	*DS-1-92*	*7/15/22*	*HL-30.11*	*7/17/26*	*MT-99.60*	*7/19/24*	*TC-42.20*	*10/18/13*
CB-2-2A, 2B, 2C	*7/19/24*	*MGS-3.2*	*7/18/25*			*HL-30.22*	*1/17/25*	*MT-101.60*	*1/17/25*	*TC-52.10*	*10/18/13*
CB-2-5, 2-6	*7/19/24*	*MGS-4.2*	*7/17/26*	*PSID-1-13*	*7/18/25*	*HL-30.31*	*7/18/25*	*MT-101.70*	*7/19/24*	*TC-52.20*	*1/15/21*
CB-3A	*7/17/26*	*MGS-4.3*	*7/18/25*			*HL-30.41*	*1/17/25*	*MT-101.90*	*7/17/20*	*TC-61.30*	*7/19/24*
CB-5	*7/19/24*	*MGS-6.1*	*7/17/26*	*SBR-1-20*	*7/19/24*	*HL-40.20*	*7/18/25*	*MT-102.20*	*4/19/19*	*TC-65.10*	*1/17/14*
						HL-50.21	*7/18/25*	*MT-104.10*	*1/19/24*	*TC-65.11*	*1/17/25*
DM-1.1	*7/17/26*	*MH-3*	*7/19/24*	*SICD-1-21*	*1/19/24*	*HL-60.31*	*1/16/26*			*TC-71.10*	*1/16/26*
DM-2.1	*1/18/13*					*HL-61.11*	*7/21/17*	*TC-21.11*	*1/16/26*	*TC-73.20*	*1/16/26*
DM-4.1	*7/17/26*	*RD-4.1*	*7/17/26*	*SICD-2-14*	*1/15/21*			*TC-21.21*	*7/18/25*		
DM-4.2	*7/20/12*	*RD-5.1*	*7/17/26*			*ITS-14.50*	*7/18/25*	*TC-22.20*	*7/18/25*		
DM-4.3	*1/15/16*			*VPF-1-24*	*1/17/25*			*TC-41.10*	*1/16/26*		

SUPPLEMENTAL SPECIFICATIONS

800-2023	*7/17/26*
808	*7/19/24*
813	*7/21/23*
821	*4/20/12*
825	*7/19/24*
832	*7/18/25*
836	*1/19/24*
840	*1/16/26*
844	*1/17/25*
848	*7/19/24*
902	*1/16/26*
908	*1/17/25*
913	*4/16/21*
921	*7/19/24*

SPECIAL PROVISIONS

ENVIRONMENTAL COMMITMENTS 7/29/26

ENGINEER'S SEAL:
GEOTECHNICAL
STATE OF OHIO · ASHOK GAIRE · E-92133 · REGISTERED PROFESSIONAL ENGINEER

ENGINEER'S SEAL:
ROADWAY
STATE OF OHIO · ANGELA C. FEDAK · E-77392 · REGISTERED PROFESSIONAL ENGINEER

ENGINEER'S SEAL:
DRAINAGE
STATE OF OHIO · AARON ROBERT GILLILAND · E-84419 · REGISTERED PROFESSIONAL ENGINEER

ENGINEER'S SEAL:
STRUCTURES
STATE OF OHIO · TIMOTHY ALAN SHELDON · E-80180 · REGISTERED PROFESSIONAL ENGINEER

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 08/05/26
PROJECT ID 121424
SHEET P.1 TOTAL 331

TITLE SHEET

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 10/27/2026 TIME: 4:04:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: jlamb@elrobinson.com
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GT001.dgn

MEDIAN AND/OR CURBING ON APPROACH SLABS

WITHIN THE LIMITS OF THE APPROACH SLAB, TRANSITION THE SHAPE OF THE MEDIAN AND/OR CURBING ON APPROACH SLABS FROM THE STANDARD SECTION ON THE APPROACHES TO THE SECTION USED ON THE BRIDGE.

ITEM 607 - FENCE, TYPE 47, AS PER PLAN

TYPE 47 FENCE SHALL BE INSTALLED PER THE APPLICABLE ODOT STANDARD CONSTRUCTION DRAWINGS EXCEPT THAT THE BARBED WIRE SHALL NOT BE INSTALLED.

FENCE LENGTHS

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN

COMBINATION CURB AND GUTTER, TYPE 4 SHALL BE INSTALLED PER STANDARD CONSTRUCTION DRAWING BP-5.1 EXCEPT THAT THE GUTTER SLOPE SHALL MATCH THE SLOPE OF THE SHOULDER.

ITEM SPECIAL - PIPE CLEANOUT

THIS WORK CONSISTS OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS. DISPOSE OF ALL MATERIAL PER 105.16 AND 105.17. CLEAN OUT TO THE APPROVAL OF THE ENGINEER.

CLEANOUT OF THE PIPE IS PAID FOR AT THE UNIT PRICE BID FOR ITEM SPECIAL, PIPE CLEANOUT. THIS PRICE INCLUDES THE COST FOR MATERIAL, EQUIPMENT, LABOR, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM SPECIAL, PIPE CLEANOUT, 24" AND UNDER	*100 FT*
ITEM SPECIAL, PIPE CLEANOUT, 27" TO 48"	*100 FT*

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, 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, NOTIFY THE ENGINEER 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, NOTIFY THE ENGINEER 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 IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

INSTREAM WORK LIMITATION

NO WORK BELOW THE ORDINARY HIGH-WATER MARK OF LITTLE SANDUSKY RIVER IS PERMITTED. THIS PROJECT WAS DEVELOPED TO BE CONSTRUCTED WITHOUT EQUIPMENT OR MATERIALS BEING PLACED (PERMANENTLY OR TEMPORARILY) BELOW THE ORDINARY HIGH WATER MARK OF THE LITTLE SANDUSKY RIVER.

FARM DRAINS

PROVIDE UNOBSTRUCTED OUTLETS TO ALL FARM DRAINS ENCOUNTERED DURING CONSTRUCTION. REPLACE EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION LIMITS WITH ITEM 611, CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

OUTLET EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES INTO THE ROADWAY DITCH USING ITEM 611, TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION IS ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. INTERCEPT LATERAL FIELD TILES WHICH CROSS THE ROADWAY WITH ITEM 611, TYPE E CONDUIT, AND CARRY IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS IS DETERMINED BY THE ENGINEER AND PAYMENT MADE ON FINAL MEASUREMENTS.

PROVIDE EROSION CONTROL PADS AT THE OUTLET END OF ALL FARM DRAINS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE.

PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES IS INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611 6" CONDUIT, TYPE B , AS PER PLAN	*100 FT.*
611 6" CONDUIT, TYPE E	*100 FT.*
611 6" CONDUIT, TYPE F	*100 FT.*
601 ROCK CHANNEL PROTECTION TYPE C WITH FILTER	*3 CU. YD*

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 601, TIED CONCRETE BLOCK MAT, TYPE 1, WITH UNDERLAYMENT	*10 SQ. YD.*
ITEM 605, AGGREGATE DRAINS	*50 FT.*
ITEM 611, 6" CONDUIT, TYPE F	*100 FT.*
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	*5 EACH*
ITEM 605, 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	*100 FT.*

ITEM 630 - REMOVAL OF GROUND MOUNTED SIGN, AS PER PLAN, REERECTED

THIS ITEM OF WORK SHALL BE IN ACCORDANCE WITH CMS 630 AND THE SIGNS SHALL BE REECTED AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING TC-42.20.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

MID-OHIO ENERGY COOPERATIVE UTILITY COORDINATION

MID-OHIO ENERGY COOPERATIVE FACILITIES ARE LOCATED ON THE EAST SIDE OF US 23 AND ALONG THE EXISTING TR 127. UTILITY RELOCATION WORK WILL BE COMPLETED IN TWO PHASES AND WILL REQUIRE COORDINATION BETWEEN THE CONTRACTOR AND MID-OHIO ENERGY COOPERATIVE.

<u>PHASE 1 (PRIOR TO CONSTRUCTION)</u>
PRIOR TO CONSTRUCTION, MID-OHIO ENERGY WILL RELOCATE FACILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS AND INSTALL TEMPORARY FACILITIES NECESSARY TO MAINTAIN EXISTING ELECTRICAL SERVICE. THIS WORK INCLUDES REMOVAL OF SELECT POLES AND ASSOCIATED GUYING, INSTALLATION OF REPLACEMENT POLES, AND ESTABLISHMENT OF TEMPORARY FACILITIES ALONG THE EXISTING TR 127 AND SR 294 CORRIDORS.

<u>PHASE 2 (DURING CONSTRUCTION)</u>
AFTER THE PROPOSED TR 127 HAS BEEN CONSTRUCTED AND BEFORE ACCESS IS REMOVED TO THE EXISTING TR 127 SECTION THAT WILL BE VACATED, THE CONTRACTOR SHALL NOTIFY MID-OHIO ENERGY COOPERATIVE. MID-OHIO ENERGY WILL THEN INSTALL NEW PERMANENT POWER FACILITIES WITHIN THE RIGHT-OF-WAY OF THE PROPOSED TR 127 AND CONNECT TO THE EXISTING ELECTRICAL SYSTEM. UPON COMPLETION OF THE NEW FACILITIES, MID-OHIO ENERGY WILL REMOVE EXISTING FACILITIES LOCATED WITHIN THE PORTION OF THE EXISTING TR 127 RIGHT-OF-WAY TO BE VACATED. FOLLOWING COMPLETION OF THE UTILITY RELOCATION WORK, THE CONTRACTOR MAY REMOVE THE EXISTING PAVEMENT AND PERFORM GRADING OPERATIONS IN ACCORDANCE WITH THE PLANS.

GENERAL NOTES

WYA-23-3.47
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 11/5/2026 TIME: 9:13:26 AM PLTDRV: OHDOT_PDF_Color.pltcfg PENTBL: OHDOT_PenC.tbl USER: afedak@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GN002.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 08/05/26

PROJECT ID 121424

SHEET P.15 TOTAL 331

SHEET NUMBER														PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	14	15	16	50	51	52	54	57	292	RW.4				01/NHS		EXT	TOTAL			
																			ROADWAY	
	LS													LS	201	11000	LS		CLEARING AND GRUBBING	
					7									7	202	20010	7	EACH	HEADWALL REMOVED	
				18,476										18,476	202	23000	18,476	SY	PAVEMENT REMOVED	
					39									39	202	32800	39	SY	CONCRETE SLOPE PROTECTION REMOVED	
					1,198									1,198	202	35100	1,198	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
					59									59	202	35200	59	FT	PIPE REMOVED, OVER 24" DIAMETER	
				3,246										3,246	202	38000	3,246	FT	GUARDRAIL REMOVED	
				168										168	202	38300	168	FT	GUARDRAIL REMOVED, BARRIER DESIGN	
					5									5	202	58100	5	EACH	CATCH BASIN REMOVED	
		100			17									117	SPECIAL	20270110	117	FT	PIPE CLEANOUT, 24" AND UNDER	15
		100												100	SPECIAL	20270120	100	FT	PIPE CLEANOUT, 27" TO 48"	15
				5,677										5,677	202	75000	5,677	FT	FENCE REMOVED	
								88,591						88,591	203	10000	88,591	CY	EXCAVATION	
								68,194						68,194	203	20000	68,194	CY	EMBANKMENT	
								7,761						7,761	203	20001	7,761	CY	EMBANKMENT, AS PER PLAN	14
35,464														35,464	204	10000	35,464	SY	SUBGRADE COMPACTION	
								2,337						2,337	204	13000	2,337	CY	EXCAVATION OF SUBGRADE	
								2,297						2,297	204	13000	2,297	CY	EXCAVATION OF SUBGRADE, UNSUITABLE	
								5,093						5,093	204	30020	5,093	CY	GRANULAR MATERIAL, TYPE C	
			16											16	204	45000	16	HOUR	PROOF ROLLING	
								10,325						10,325	204	50000	10,325	SY	GEOTEXTILE FABRIC, TYPE D	
5,542														5,542	206	10010	5,542	SY	LIME STABILIZED SUBGRADE, 12 INCHES DEEP	
143														143	206	10300	143	TON	LIME	
5,542														5,542	206	11000	5,542	SY	CURING COAT	
						200								200	606	13001	200	FT	GUARDRAIL, TYPE 5, AS PER PLAN	14
						1,450								1,450	606	15051	1,450	FT	GUARDRAIL, TYPE MGS, AS PER PLAN	14
						1,325								1,325	606	15101	1,325	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN	14
						200								200	606	15551	200	FT	GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN	14
						7								7	606	26150	7	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
						9								9	606	26550	9	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
						2								2	606	35003	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	14
						2								2	606	35102	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
						8								8	606	35141	8	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	14
						2								2	606	60012	2	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	
									5,812					5,812	607	15001	5,812	FT	FENCE, TYPE 47, AS PER PLAN	15
									5,812					5,812	607	70000	5,812	FT	FENCELINE SEEDING AND MULCHING	
										6				6	623	38550	6	EACH	MONUMENT ASSEMBLY, TYPE D	
										9				9	623	40500	9	EACH	REFERENCE MONUMENT, TYPE A	
										2				2	623	40520	2	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
														LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
														LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
							254							254	654	10001	254	MSF	RENOVATING EXISTING SOIL, AS PER PLAN	206

GENERAL SUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: KRF

REVIEWER: ACF 08/05/26

PROJECT ID: 121424

SHEET: P.44 | TOTAL: 331

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/4/2026 TIME: 4:38:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GG001.dgn

SHEET NO.	STATION TO STATION	203 EXCAVATION CY	203 EMBANKMENT CY	203 EMBANKMENT, AS PER PLAN CY		204 EXCAVATION OF SUBGRADE CY	204 EXCAVATION OF SUBGRADE, UNSUITABLE CY	204 GRANULAR MATERIAL, TYPE C CY	204 GEOTEXTILE FABRIC, TYPE D SY
	US 23								
85	166+87.82 – 167+50.00	44	60			25		25	89
86	168+00.00 – 169+00.00	195	231			68		68	238
87	169+50.00 – 170+50.00	415	319			13		13	44
88	171+00.00 – 172+00.00	738	520			43		47	110
89	172+50.00 – 173+50.00	1011	705			95		120	395
90	174+00.00 – 175+00.00	1022	806			17		21	68
91	175+50.00 – 176+50.00	925	955						
92	177+00.00 – 178+00.00	656	876			15		29	94
93	178+50.00 – 179+50.00	433	519			90		187	595
94	180+00.00 – 181+00.00	348	495			88		199	631
95	181+50.00 – 182+50.00	72	119			34		55	181
96	183+00.00 – 184+00.00	0	6						
97	184+50.00 – 185+50.00	24	0						
98	186+00.00 – 187+00.00	579	48						
99	187+50.00 – 188+00.00	318	142						
100	188+50.00 – 189+50.00	255	371						
101	190+00.00 – 191+00.00	37	202						
102	191+50.00 – 192+50.00	201	3						
103	193+00.00 – 193+50.00	671	3						
104	194+00.00 – 194+50.00	278	33						
105	195+00.00 – 196+00.00	246	154			45		53	135
106	196+50.00 – 197+50.00	1873	64			247		260	683
107	198+00.00 – 198+50.00	1785	5			122		126	401
108	199+00.00 – 199+50.00	3609	22			116		121	386
109	200+00.00 – 200+50.00	3898	8			108		114	363
110	201+00.00 – 201+50.00	3146	11			99	237	344	643
111	202+00.00 – 202+50.00	2507	11			92	272	371	672
112	203+00.00 – 203+50.00	2116	10			86	242	334	610
113	204+00.00 – 204+50.00	2087	37			78	221	304	567
114	205+00.00 – 205+50.00	1373	235			66	108	196	345
115	206+00.00 – 207+00.00	194	262			115		126	345
116	207+50.00 – 208+50.00	166	345			104		106	295
117	209+00.00 – 210+00.00	216	390			16		16	45
118	210+50.00 – 210+60.19	154	223						
	SR 294								
119	305+25.00 – 306+00.00	173	0						
120	306+50.00 – 307+50.00	256	42						
121	308+00.00 – 309+00.00	83	493						
122	309+50.00 – 310+50.00	0	1870						
123	311+00.00 – 311+50.00	0	3726						
124	312+00.00 – 312+44.00	0		3794					
125	312+74.00 – 315+28.91	0		634					
126	315+58.91 – 316+00.00	12		2989					
127	316+50.00 – 317+00.00	54	6737	344					
128	317+50.00 – 318+00.00	15	4900						
129	318+50.00 – 319+00.00	0	1648						
130	319+50.00 – 320+00.00	31	1348						
	SUBTOTALS CARRIED TO NEXT SHEET	32216	28954	7761		1782	1080	3235	7935

SHEET NO.	STATION TO STATION	203 EXCAVATION CY	203 EMBANKMENT CY	203 EMBANKMENT, AS PER PLAN CY		204 EXCAVATION OF SUBGRADE CY	204 EXCAVATION OF SUBGRADE, UNSUITABLE CY	204 GRANULAR MATERIAL, TYPE C CY	204 GEOTEXTILE FABRIC, TYPE D SY
	SR 294 CONT.								
131	320+50.00 – 321+50.00	570	1923						
132	322+00.00 – 323+00.00	614	728						
133	323+50.00 – 324+50.00	601	114						
134	325+00.00 – 326+00.00	242	7						
	ADD FOR SR 294 PAVEMENT REMOVAL GRADING	1018	344						
	RAMP A								
135	481+47.82 – 482+00.00	108	129			7		22	91
136	482+50.00 – 483+50.00	686	447						
137	484+00.00 – 485+00.00	865	646						
138	485+50.00 – 486+00.00	1389	8						
139	486+50.00 – 487+00.00	1115	24						
140	487+50.00 – 488+50.00	368	626						
141	489+00.00 – 490+00.00	52	708						
142	490+50.00 – 491+50.00	62	972						
143	492+00.00	3	978						
	ADD FOR INTERSECTION AREA	9	2311						
	RAMP B								
144	592+50.00 – 593+50.00	75	547						
145	594+00.00 – 595+00.00	319	128						
146	595+50.00 – 596+50.00	575	486						
147	597+00.00 – 598+00.00	1011	934						
148	598+50.00 – 598+87.71	1966	72						
	ADD FOR INTERSECTION AREA	68	2209						
	RAMP C								
149	677+24.06 – 678+00.00	55	411						
150	678+50.00 – 679+50.00	321	1174						
151	680+00.00 – 681+00.00	597	1886						
152	681+50.00 – 682+50.00	578	3205						
153	683+00.00 – 683+50.00	497	2592						
154	684+00.00 – 685+00.00	471	5594						
	ADD FOR INTERSECTION AREA	56	1661						
	RAMP D								
155	784+50.00 – 785+00.00	22	2467						
156	785+50.00 – 786+00.00	380	1774						
157	786+50.00 – 787+50.00	1048	509			53		78	245
158	788+00.00 – 789+00.00	1985	3			156		156	501
159	789+50.00 – 790+50.00	5622	0			26	389	415	304
160	791+00.00 – 792+00.00	10359	0				439	439	312
161	792+50.00 – 793+00.00	6329	0				311	311	252
162	793+50.00 – 794+00.00	4906	0			97	78	175	236
163	794+50.00 – 795+00.00	4795	29			129		134	227
164	795+50.00 – 795+95.85	1248	130			87		128	222
	ADD FOR INTERSECTION AREA	21	2855						
	SUBTOTALS CARRIED TO NEXT SHEET	51006	38631	0		555	1217	1858	2390

EARTHWORK SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 08/05/26

PROJECT ID 121424

SHEET P.57 | TOTAL 331

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/4/2026 TIME: 4:40:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GS101.dgn

SHEET NO.	STATION TO STATION			203 EXCAVATION	203 EMBANKMENT	203 EMBANKMENT, AS PER PLAN		204 EXCAVATION OF SUBGRADE	204 EXCAVATION OF SUBGRADE, UNSUITABLE	204 GRANULAR MATERIAL, TYPE C	204 GEOTEXTILE FABRIC, TYPE D
				CY	CY	CY		CY	CY	CY	SY
	TR 127										
165	900+50.00		901+50.00	349	7						
166	902+00.00		903+00.00	373	11						
167	903+50.00		904+50.00	521	4						
168	905+00.00		906+00.00	744	0						
169	906+50.00		907+50.00	710	0						
170	908+00.00		909+00.00	587	0						
171	909+50.00		910+50.00	325	28						
172	911+00.00		912+00.00	69	184						
173	912+50.00		913+50.00	63	192						
174	914+00.00		915+00.00	96	74						
175	915+50.00		916+50.00	121	41						
176	917+00.00		917+50.00	144	49						
ADD FOR INTERSECTION AREA				145	3						
ADD FOR TR 127 PAVEMENT REMOVAL GRADING				1122	16						
SUBTOTALS THIS SHEET				5369	609	0		0	0	0	0
SUBTOTALS FROM PREVIOUS SHEET LEFT				32216	28954	7761		1782	1080	3235	7935
SUBTOTALS FROM PREVIOUS SHEET RIGHT				51006	38631	0		555	1217	1858	2390
TOTALS CARRIED TO GENERAL SUMMARY				88591	68194	7761		2337	2297	5093	10325

EARTHWORK SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 08/05/26

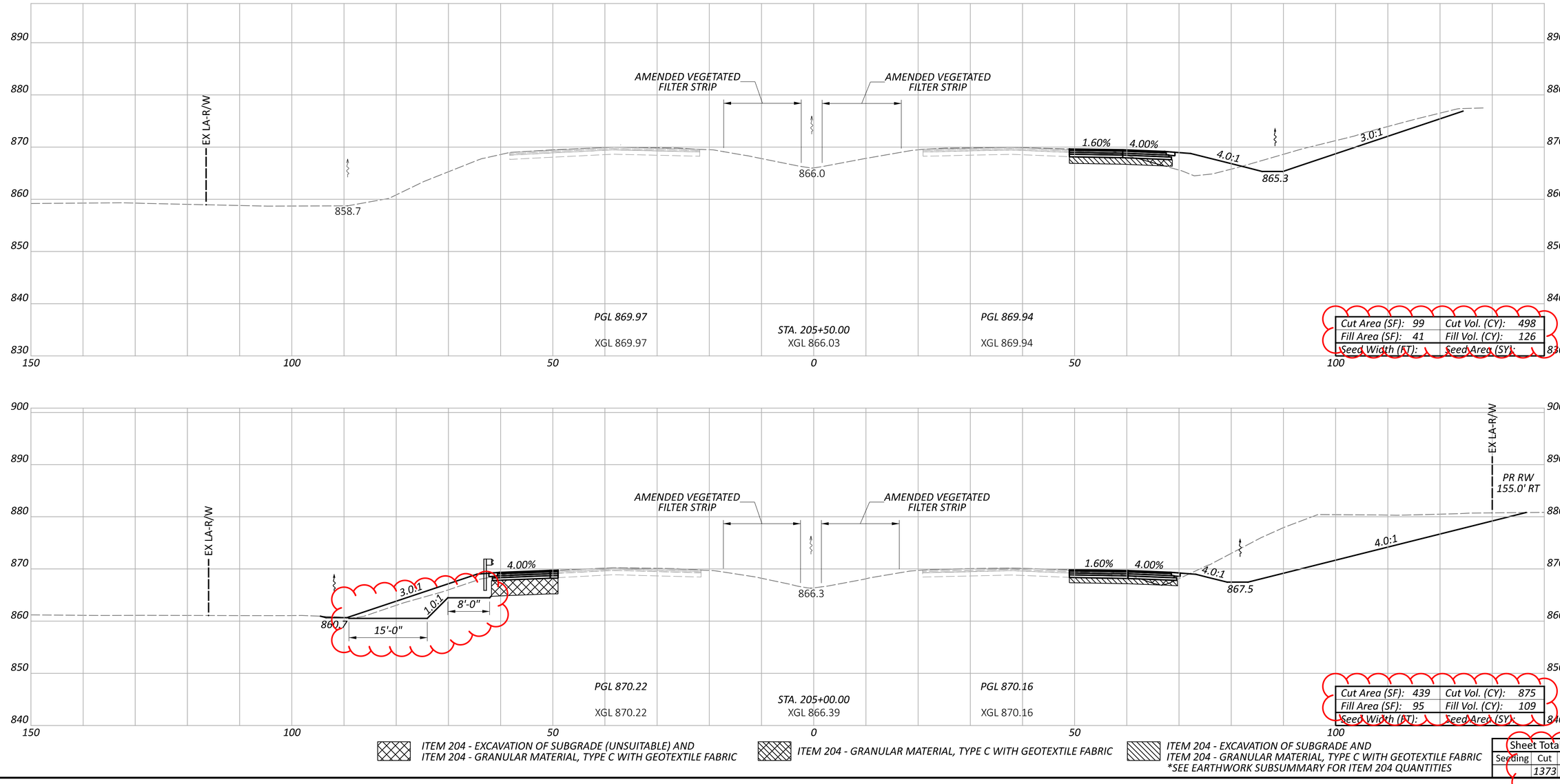
PROJECT ID 121424

SHEET P.58 TOTAL 331

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/4/2026 TIME: 4:41:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GS102.dgn

MODEL: CLP_US24 - 205+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 11/4/2026 TIME: 4:29:02 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn



CROSS SECTIONS - US 23
STA. 205+00.00 TO STA. 205+50.00

Sheet Totals		
Seeding	Cut	Fill
	1373	235

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

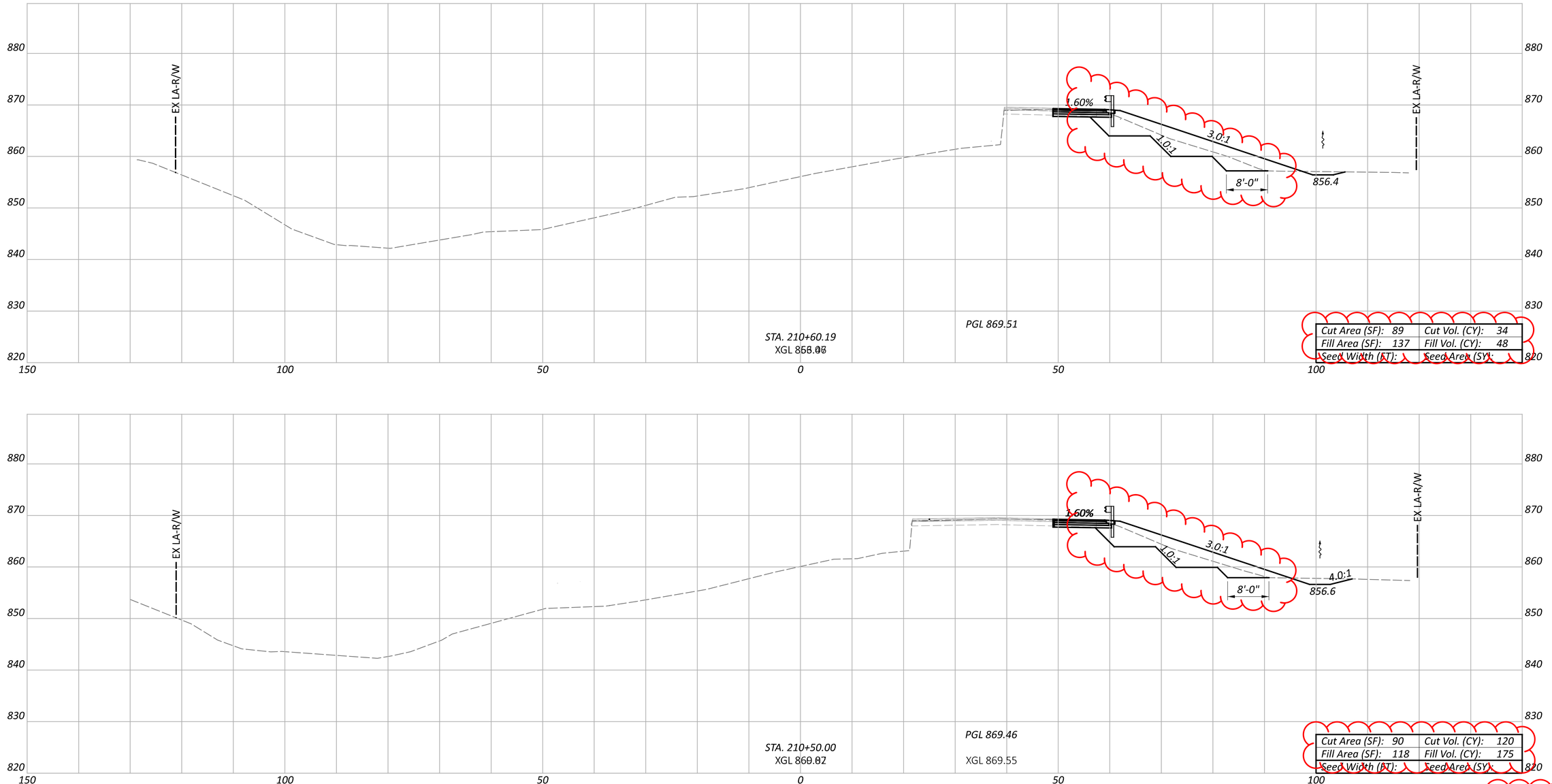
DESIGNER JNL

REVIEWER ACF 08/05/26

PROJECT ID 121424

SHEET P 114 | TOTAL 331

MODEL: CLP_US24 - 210+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 11/4/2026 TIME: 4:30:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn



CROSS SECTIONS - US 23
STA. 210+50.00 TO STA. 210+60.19

Sheet Totals		
Seeding	Cut	Fill
	154	223

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 08/05/26
PROJECT ID 121424
SHEET P 118 TOTAL 331