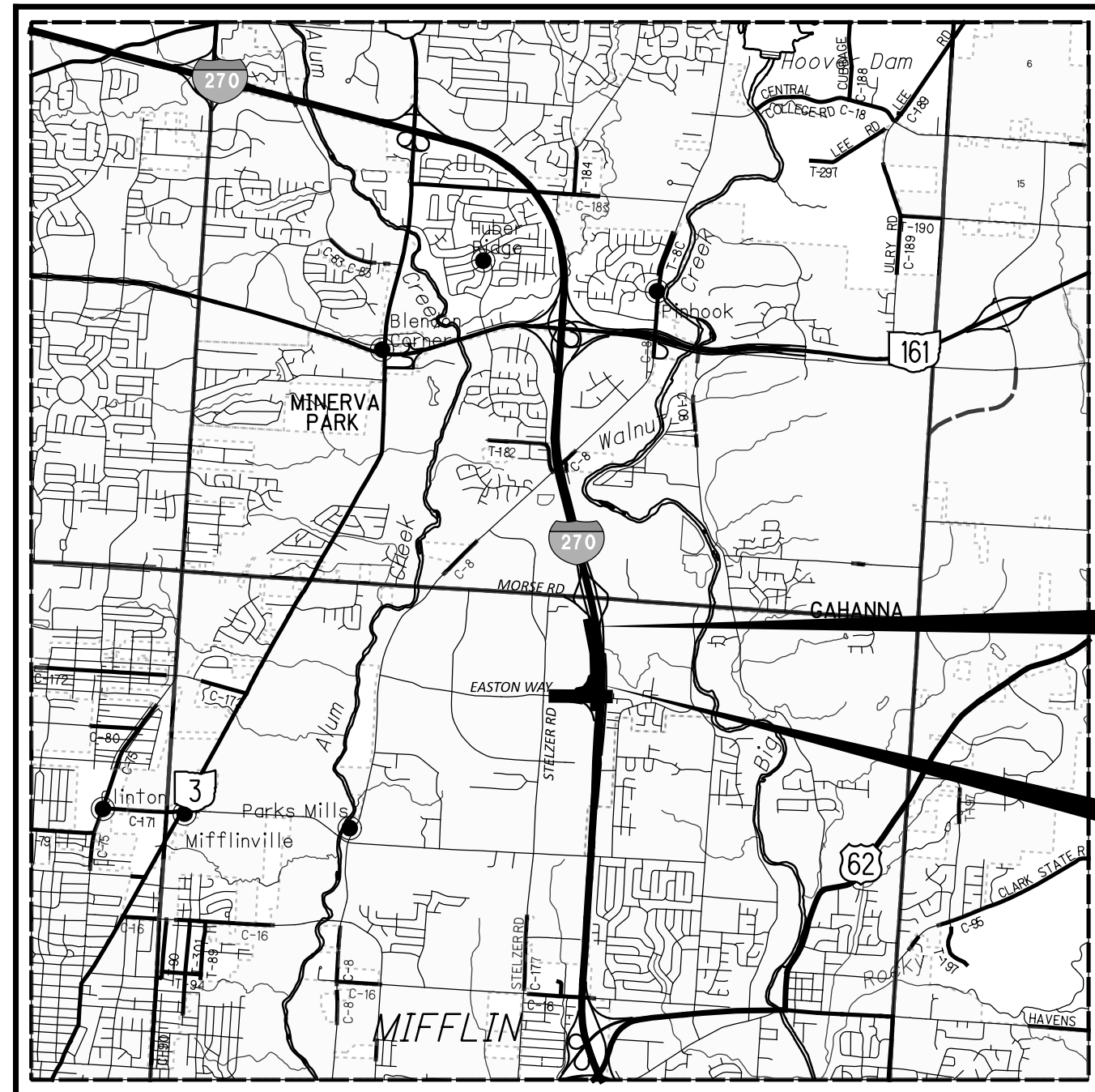


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

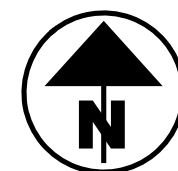
FRA-270-32.92

CITY OF COLUMBUS
FRANKLIN COUNTY



LOCATION MAP

LATITUDE: 40°02'55" LONGITUDE: 82°54'20"



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

DESIGN DESIGNATION

	SB CD ROAD	RAMP A	EASTON WAY
CURRENT ADT (2025)	50,380	13,850	54,980
DESIGN YEAR ADT (2045)	64,190	17,600	68,540
DESIGN HOURLY VOLUME (2045)	6,570	2,270	7,760
DIRECTIONAL DISTRIBUTION	100%	100%	65%
TRUCKS (24 HOUR B&C)	6%	2%	2%
DESIGN SPEED	70	VARIABLES	35
LEGAL SPEED	65		35
DESIGN FUNCTIONAL CLASSIFICATION:			
SB CD ROAD:	01 - INTERSTATES (URBAN)		
RAMP A:	01 - INTERSTATES (URBAN)		
EASTON WAY:	04 - MINOR ARTERIAL (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:



Evans, Mechwart, Hambleton & Tilton, Inc.
Engineers • Surveyors • Planners • Scientists
5500 New Albany Road, Columbus, OH 43054
Phone: 614.775.4500 Toll Free: 888.775.3648
emht.com

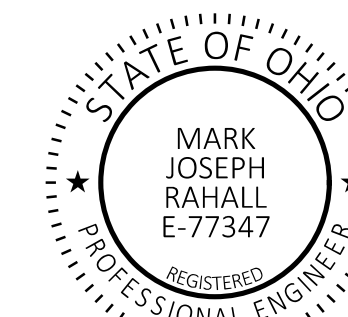
INDEX OF SHEETS:

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PLAN AND PROFILE - SB CD ROAD	P.77 - P.81
PLAN AND PROFILE - RAMP A	P.82 - P.83
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TRAFFIC SIGNAL	P.162 - P.178
LIGHTING	P.179 - P.186
GEOTECHNICAL PROFILES	P.187 - P.192

FOR CITY OF COLUMBUS SIGNATURES, SEE SEPARATE SIGNATURE PAGE

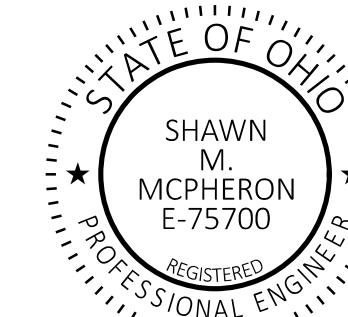
STANDARD CONSTRUCTION DRAWINGS				CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS		
BP-1.1	7/28/00	MGS-3.2	7/18/25	HL-20.11	7/18/25	MT-103.10	7/18/25	1500	9/15/15	800-2023	1/16/26	WATERWAY PERMIT 3/17/26
BP-2.1	1/21/22	MGS-4.2	7/18/25	HL-30.11	7/21/23	MT-105.10	1/17/20	1510	9/15/15	809	7/18/25	
BP-2.2	1/15/21			HL-30.21	4/17/20			4000	7/1/24	832	7/18/25	
BP-2.5	7/19/24	MH-1	7/15/22	HL-30.22	1/17/25	TC-15.116	7/18/25	4001	8/1/15	878	1/21/22	
BP-3.1	1/19/24	MH-3	7/19/24	HL-60.11	7/21/17	TC-21.11	7/16/21	4002	5/1/14	902	7/19/19	
BP-5.1	7/18/25					TC-21.50	1/17/25	4020	5/1/14	COC 1611	2/1/13	
BP-6.1	7/19/13	RM-1.1	1/20/23	MT-95.30	7/18/25	TC-22.20	7/18/25	4021	7/1/20	COC 1620	9/10/18	
		RM-3.1	7/20/18	MT-95.31	7/18/25	TC-41.20	10/18/13	4022	7/1/20			
CB-3	7/19/24	RM-4.1	1/17/20	MT-95.32	7/18/25	TC-42.10	10/18/13	4104	8/10/17			
CB-3A	7/19/24	RM-4.2	7/18/25	MT-95.40	7/18/25	TC-42.20	10/18/13	4105	8/10/17			
		RM-4.3	7/18/25	MT-95.41	7/18/25	TC-51.11	7/18/25	4120	10/1/18			
DM-1.1	1/17/25	RM-4.4	1/17/25	MT-95.45	7/21/23	TC-52.10	10/18/13	4122	10/1/18			
DM-1.2	1/17/25	RM-4.5	7/18/25	MT-98.21	7/21/23	TC-52.20	1/15/21	4160	10/1/18			
DM-4.2	7/20/12	RM-4.6	7/18/25	MT-98.28	1/17/20	TC-61.30	7/19/24	4162	7/1/20			
DM-4.3	1/15/16			MT-99.20	4/19/19	TC-65.10	1/17/14	4163	7/1/24			
DM-4.4	1/15/16	WQ-1.1	7/21/23	MT-99.60	7/19/24	TC-65.11	1/17/25	4164	10/1/20			
		WQ-1.2	1/15/16	MT-101.70	7/19/24	TC-71.10	7/18/25	4200	8/1/15			
I-2A	7/19/24			MT-101.75	7/21/23	TC-72.20	7/18/25	4205	5/1/14			
		HW-1.1	7/18/25	MT-101.80	1/17/20			4253	5/1/14			
MGS-2.1	7/18/25	HW-2.1	7/15/22	MT-101.90	7/17/20							
MGS-3.1	7/18/25	HW-2.2	7/20/18	MT-102.10	7/21/23							

ENGINEER'S SEAL



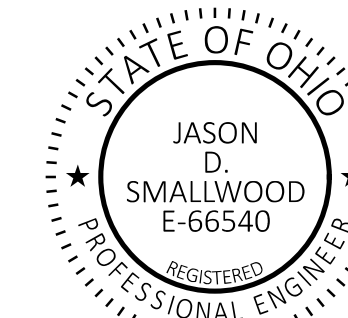
ENGINEER'S SEAL

MOT AND TRAFFIC CONTROL SHEETS: P.19 - P.65 P.134 - P.161



ENGINEER'S SEAL

SIGNALS AND LIGHTING SHEETS: P.162 - P.186



FEDERAL PROJECT NUMBER

E201129

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVE SAFETY AND REDUCE CONGESTION AT THE I-270 SOUTHBOUND OFF RAMP TO EASTON WAY BY SIGNALIZING AND ADDING CAPACITY TO THE SOUTHBOUND RAMP, AND ADDING CAPACITY TO WESTBOUND EASTON WAY THRU AND TURN LANES AT STELZER ROAD. INCLUDES MODIFICATIONS TO DRAINAGE, LIGHTING, SIGNALS, AND TRAFFIC CONTROL.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	5.80 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.20 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	6.00 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.

Anthony C. Turowski
Anthony C. Turowski, P.E.
District 06 Deputy Director

Pamela Boratyn
Pamela Boratyn
Director, Department of Transportation

ASSOCIATED PLANS

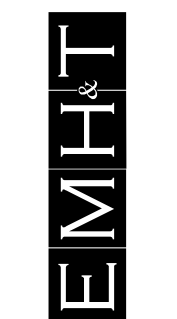
FIRM: 39049C0191K - 06/17/2008
FIRM: 39049C0192K - 06/17/2008
WORK PERMITTED: NO FILL TO BE PLACED IN FLOODWAY AND FLOOD ZONE X.

THE BASE FLOOD ELEVATION FOR ALUM CREEK AT MORSE ROAD IS 779.5'.
THE BASE FLOOD ELEVATION FOR BIG WALNUT CREEK AT MORSE ROAD IS 808.4'.

WATERWAY PERMIT: 10/29/2024

TITLE SHEET

DESIGN AGENCY



DESIGNER

SJS

REVIEWER

SJB 11/14/25

PROJECT ID

113663

SHEET

P.1

TOTAL

192

FRA-270-32.92


MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/23/2026 TIME: 3:20:32 PM PLTDRV: OHDOT_PDF.plt PENTBL: OHDOT_Pen.tbl USER: sbaea@emht.com WORKSPACE: OHDOTCEV02 WORKSET: 113663 PRODUCT: OpenRoadsDesigner 24.00.00.205 J:\2020412\ODOT\02_FRA-270_SJB at Easton Way\FRA\113663\400-Engineering\Roadway\Sheets\113663_G1001.dgn

SHEET NUMBER										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
P.17	P.72	P.73	P.74	P.75	P.180					01/SAF	02/S>2/ COC							
			11.8															
				6,159														
200				4,964														
50				386														
			71															
			31															
50			15															
100																		
			55															
			8															
			8															
			8															
			1															
			3															
			2															
			1															
			1															
			1															
			7															
			1															
1				6														
			346															
			23,483															
			1,516															
			3,075															
			2,099															
			2,824															
			3,170															
			1,408															
			499															
			4,553															
			3,075															
	88																	
	738																	
	175																	
	4																	
					6													
					2													
					1													
					1													
					820													
					373													
					389													
					752													
					2													
					1													
					1													
					752													
					LS													
					1													
					1													
					390													

GENERAL SUMMARY		DESIGN AGENCY
DESIGNER		BLM
REVIEWER		SJB 08/29/25
PROJECT ID		113663
SHEET	TOTAL	3749-E
P.67	192	


DESCRIPTION	STATION RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	CADD GENERATED AREA	204	204	204	204	204	254	254	257	302	304	304	407	442	442	452	512
								SUBGRADE COMPACTION	EXCAVATION OF SUBGRADE, 12"	GRANULAR MATERIAL, TYPE C, 12"	PROOF ROLLING	GEOTEXTILE FABRIC	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT	ASPHALT CONCRETE BASE, PG64-22, (449), 8.5" (2 - 4.25" LIFTS)	AGGREGATE BASE, 6"	AGGREGATE BASE, 10"	NON-TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), 1.5"	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), 1.75"	12" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	TREATING OF CONCRETE BRIDGE DECK WITH SRS
						FT	SY	SY	CY	CY	HOUR	SY	SY	SY	SY	CY	CY	CY	GAL	CY	CY	SY	SY
270 SB CD ROAD																							
SURFACE COURSE	1367+27.29	TO	1391+09.02		LT/RT	2381.7	15183.4						15184						1291	633			
SURFACE COURSE	1367+27.29	TO	1382+50.27		RT	1523.0	4282.6													179			
INTERMEDIATE COURSE	1367+27.29	TO	1382+50.27		RT	1523.0	4282.6												236		209		
BASE COURSE (LIFT 1 - 4" STEP)	1367+27.29	TO	1382+50.27		RT	1523.0	4338.5												239				
BASE COURSE (LIFT 2 - 6" STEP)	1367+27.29	TO	1382+50.27		RT	1523.0	4421.9									513			244				
AGGREGATE BASE	1367+27.29	TO	1382+50.27		RT	1523.0	4505.9	4506			2							1252					
NON-REINFORCED CONCRETE PAVEMENT	1367+12.00	TO	1367+27.29		LT	15.3	1.7															2	
NON-REINFORCED CONCRETE PAVEMENT	1378+90.00	TO	1379+50.00		LT	60.0	13.4															14	
AGGREGATE BASE	1367+12.00	TO	1367+27.29		LT	15.3	5.5											2					
AGGREGATE BASE	1378+90.00	TO	1379+50.00		LT	60.0	37.9											11					
RAMP A																							
NON-REINFORCED CONCRETE PAVEMENT	1382+41.69	TO	1390+74.21		LT/RT	832.5	4536.4															4537	
AGGREGATE BASE	1382+41.69	TO	1390+74.21		LT/RT	832.5	4630.8	4631			2							772					
SUBGRADE STABILIZATION	1383+02.00	TO	1390+74.21				3443.7		1148	1148		3444											
EASTON WAY																							
SURFACE COURSE	60+50.00	TO	60+87.00		LT/RT	37.0	392.2						393						34	17			
SURFACE COURSE	60+87.00	TO	62+50.00		LT/RT	163.0	1515.8												84	64			
SURFACE COURSE	62+50.00	TO	64+70.00		LT/RT	220.0	2035.3						2036	1516					173	85			
SURFACE COURSE	64+70.00	TO	76+81.91		LT/RT	1211.9	5869.8						5870							245			
SURFACE COURSE	64+70.00	TO	72+03.00		LT/RT	733.0	901.4													38			
SURFACE COURSE	64+70.00	TO	76+83.30		LT	1213.3	3230.2													135			
SURFACE COURSE	74+94.91	TO	76+80.54		RT	185.6	268.9													12			
INTERMEDIATE COURSE	60+87.00	TO	62+50.00		LT/RT	163.0	1515.8												129		74		
INTERMEDIATE COURSE	64+70.00	TO	72+03.00		LT/RT	733.0	901.4												50		44		
INTERMEDIATE COURSE	64+70.00	TO	76+83.30		LT	1213.3	3230.2												178		158		
INTERMEDIATE COURSE	74+94.91	TO	76+80.54		RT	185.6	268.9												15		14		
BASE COURSE	64+70.00	TO	72+03.00		LT/RT	733.0	901.4									107			50				
BASE COURSE (LIFT 1 - 4" STEP)	64+70.00	TO	76+83.30		LT	1213.3	3272.9									387			181				
BASE COURSE (LIFT 1 - 4" STEP)	74+94.91	TO	76+80.54		RT	185.6	274.4									33			16				
BASE COURSE	64+70.00	TO	72+03.00		LT/RT	733.0	901.4									107			50				
BASE COURSE (LIFT 2 - 6" STEP)	64+70.00	TO	76+83.30		LT	1213.3	3337.6									395			184				
BASE COURSE (LIFT 2 - 6" STEP)	74+94.91	TO	76+80.54		RT	185.6	282.7									34			16				
AGGREGATE BASE	64+70.00	TO	72+03.00		LT/RT	733.0	1009.9	1010			1							169					
AGGREGATE BASE	64+70.00	TO	76+83.30		LT	1213.3	3407.5	3408			2							568					
AGGREGATE BASE	74+94.91	TO	76+80.54		RT	185.6	297.5	298			1							50					
SUBGRADE STABILIZATION	72+37.12	TO	73+02.69		LT	65.6	962.6		321	321		963											
GRINDING	76+81.91	TO	80+66.35		LT/RT	384.4	3074.6																3075
TOTALS CARRIED TO GENERAL SUMMARY								13853	1469	1469	8	4407	23483	1516	3075	2099	2824	3170	1408	499	4553	3075	3749-E

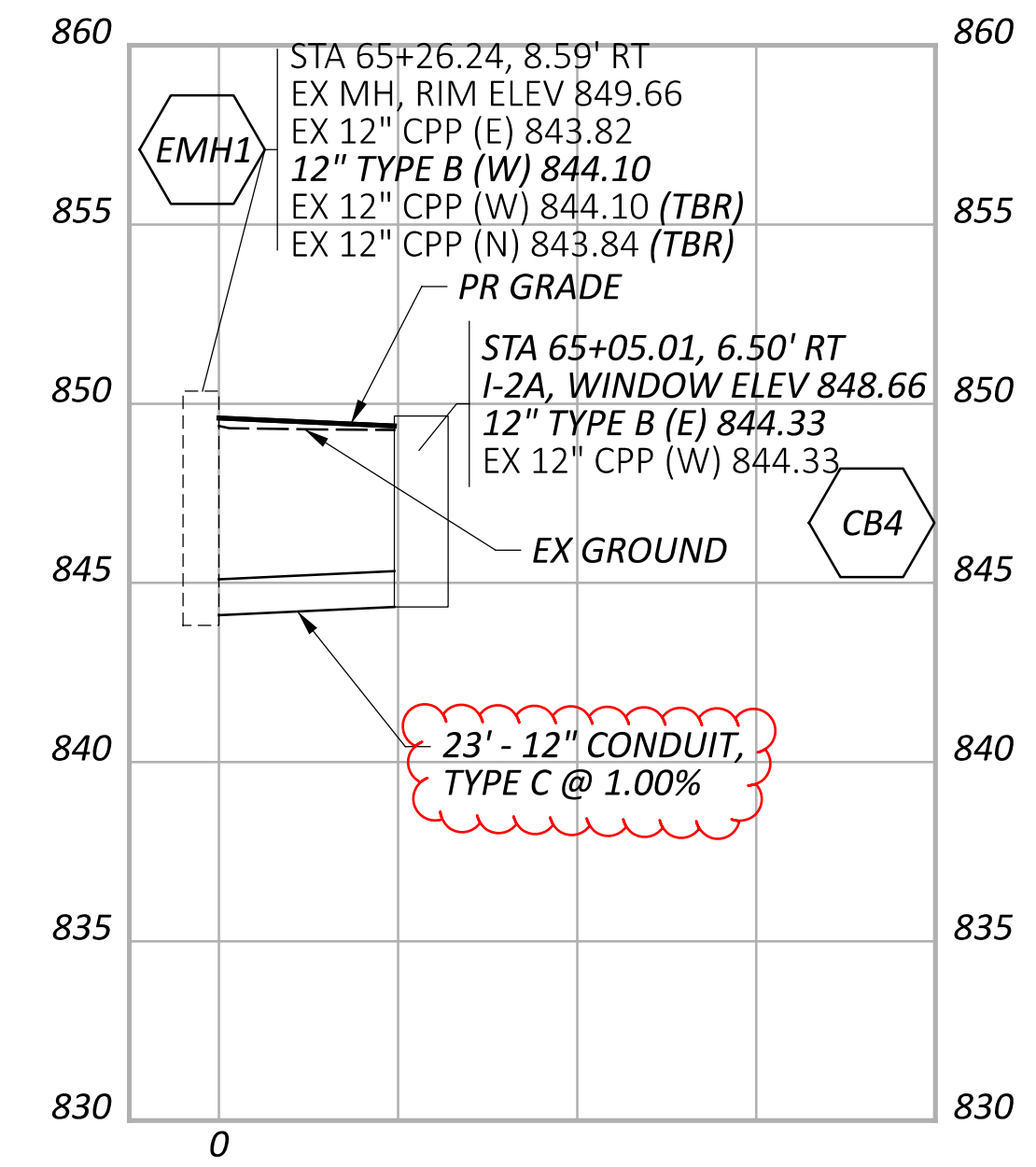
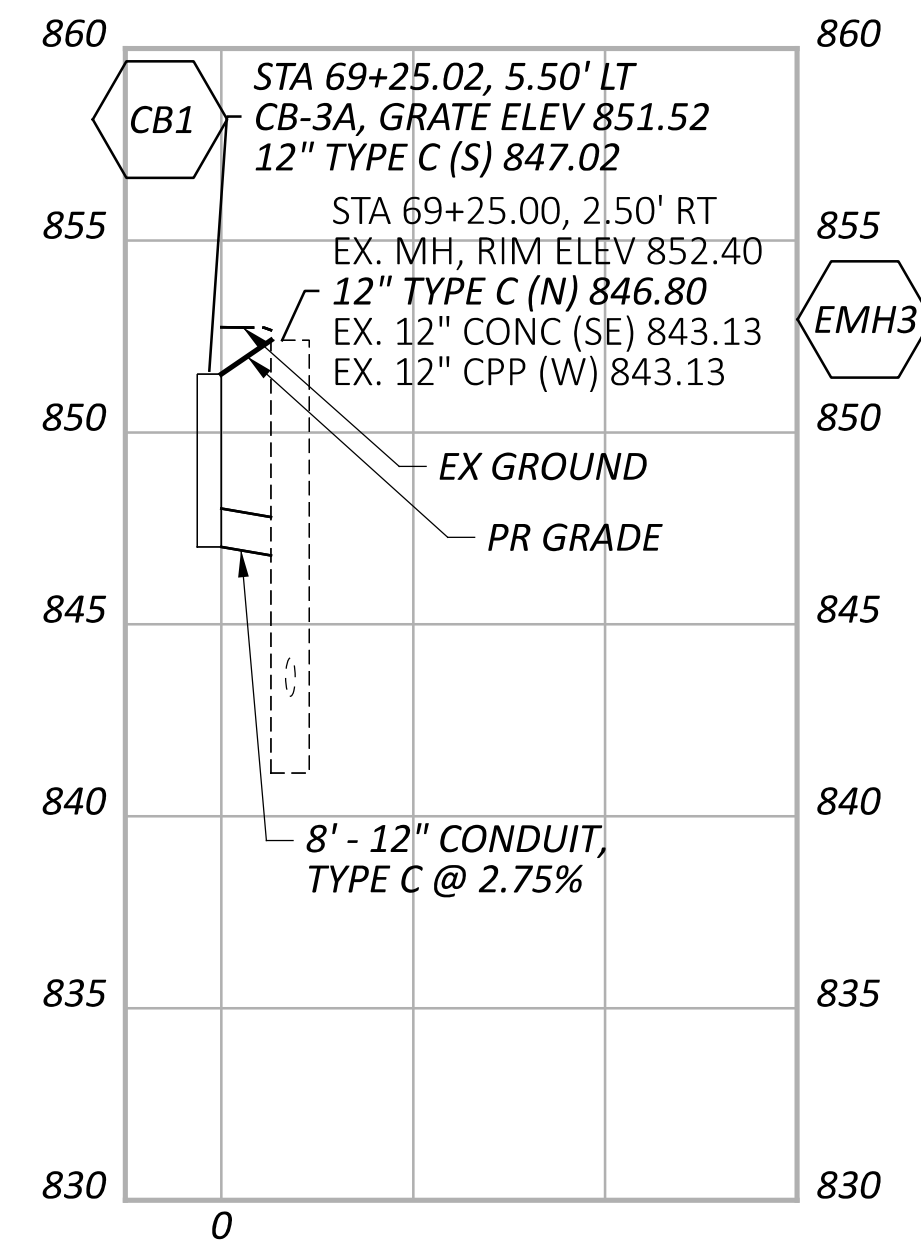
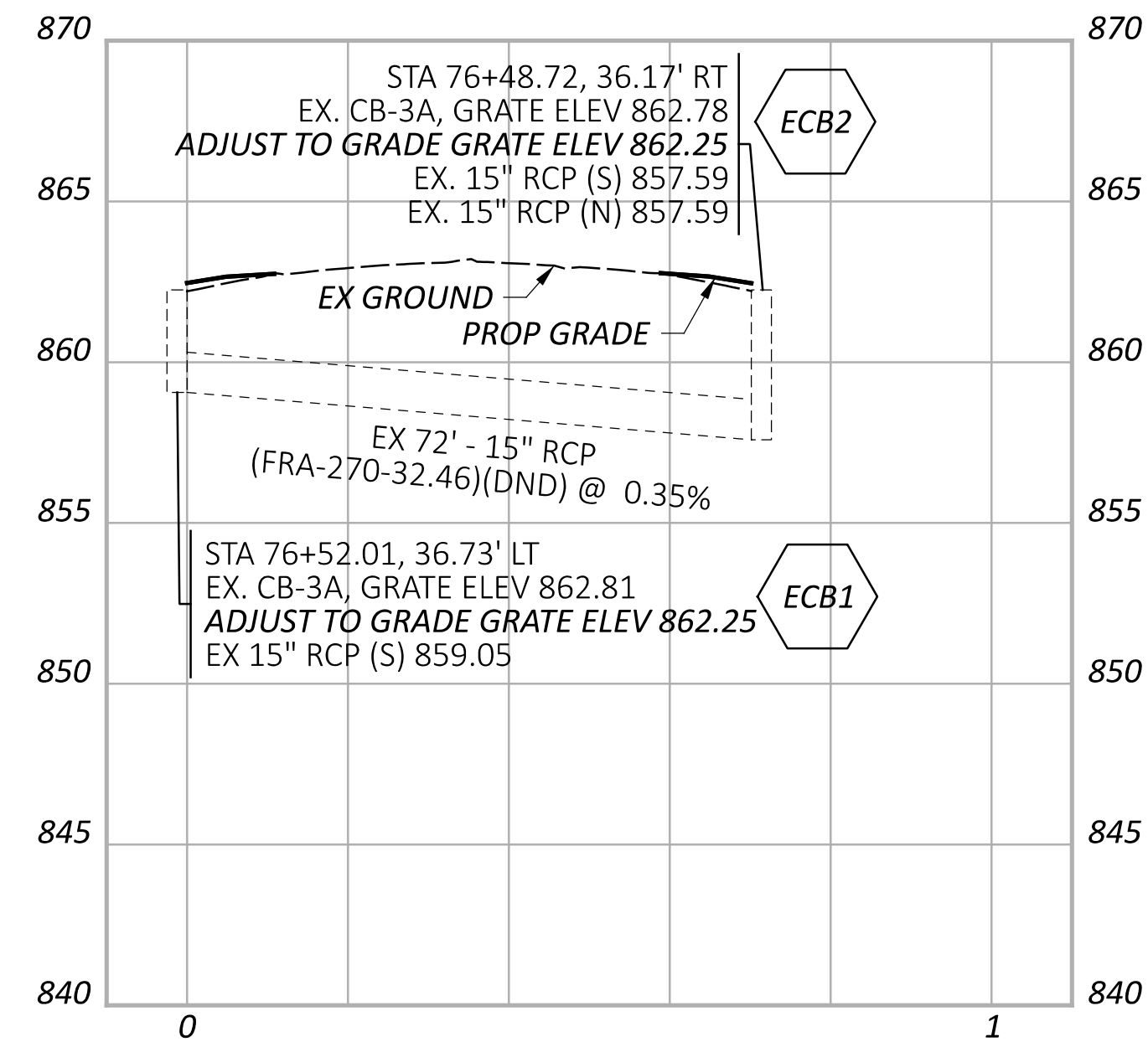
PAVEMENT SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 BLM
 REVIEWER
 SJB 08/29/25
 PROJECT ID
 113663
 SHEET TOTAL
 P.73 192

REF NO.	SHEET NO.	STATION TO STATION		CENTERLINE ROADWAY REFERENCE	601 601 601 602 611 611 611 611 611 611 611 611 611 611 611 611 611 611 611 611 611 670																				
					601	601	601	602	611	611	611	611	611	611	611	611	611	611	611	611	611	611	611	670	
					RIPPRAP, TYPE D	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	CONCRETE MASONRY	12" CONDUIT, TYPE B	12" CONDUIT, TYPE C	15" CONDUIT, TYPE B, 707.33	15" CONDUIT, TYPE F	24" CONDUIT, TYPE A, 707.33	42" CONDUIT, TYPE B, 707.33	48" CONDUIT, TYPE C, 707.33	CATCH BASIN, NO. 3	CATCH BASIN, NO. 3A	CATCH BASIN ADJUSTED TO GRADE	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	INLET, NO. 2-A-6	MANHOLE FRAME AND COVER	MANHOLE ADJUSTED TO GRADE	MANHOLE RECONSTRUCTED TO GRADE	DITCH EROSION PROTECTION	
					SY	SY	CY	CY	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SY	
MH1	P.77	1368+34.82		270 SB CD																					
CB5-HW5	P.77	1369+05.92	TO	1369+05.99				0.3				55				1							1		
HW6	P.77	1369+70.15	TO	1369+70.19				0.3			9												1		
MH2	P.77	1370+15.66		270 SB CD																					
EC1	P.77	1369+13.99	TO	1369+23.16		63																			
HW4	P.78 & P.126	1372+41.73		1372+58.97	270 SB CD			8.8																	
MH3	P.78	1372+65.40		270 SB CD	11																	1			
EMH6	P.78	1372+84.67		270 SB CD																			1		
EC2	P.78	1373+50.00	TO	1375+50.00	270 SB CD																			166	
HW7	P.79	1380+82.20	TO	1380+82.21	270 SB CD			0.3			6														
SM1	P.80	1384+58.83		270 SB CD																					
EC3	P.82	1383+39.00	TO	1386+00.00	RAMP A		534																		
ECB5	P.82	1384+42.09			RAMP A																				
HW1	P.82 & P.127	1384+40.25			RAMP A	8		1.6					8												
EC4	P.82 - P.83	1386+00.00	TO	1388+25.00	RAMP A																			180	
HW2	P.79 & P.128	1388+40.93	TO	1388+43.45	RAMP A	4		0.5				8													
CB4	P.85	65+05.01	TO	65+24.24	EASTON																				
EMH1	P.85	65+26.24			EASTON																	1			
CB3	P.85	66+24.46			EASTON											1									
CB2	P.85	66+98.34	TO	66+24.46	EASTON				71								1								
EMH2	P.85	66+24.46			EASTON																		1		
CB1	P.86	69+25.02	TO	69+25.25	EASTON						8						1								
EMH3	P.86	69+25.00			EASTON																		1		
ECB2	P.87	76+48.72			EASTON																		1		
ECB1	P.87	76+52.01			EASTON																		1		
TOTALS CARRIED TO GENERAL SUMMARY					23	63	534	11.8	71	31	15	55	8	8	8	1	3	2	1	1	1	1	7	1	346

DRAINAGE & EROSION CONTROL SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 BLM
 REVIEWER
 SJB 08/29/25
 PROJECT ID
 113663
 SHEET TOTAL
 P.74 192



STORM SEWER PROFILES

DESIGN AGENCY



DESIGNER	JDK
REVIEWER	SJB 08/29/25
PROJECT ID	113663
SHEET	TOTAL
P.125	192