

ITEM 202 - REMOVAL, MISC: STONE MAILBOX

THIS ITEM CONSISTS OF THE REMOVAL AND DISPOSAL OF THE MAILBOX AND STONE SURROUND AT 7141 PICKERINGTON RD.

ITEM 202 - REMOVAL, MISC: CONCRETE BLOCK HEADWALL

THIS ITEM CONSISTS OF THE REMOVAL AND DISPOSAL OF THE CONCRETE BLOCK HEADWALLS AT EACH SIDE OF THE DRIVE AT 7141 PICKERINGTON RD.

ITEM 202 - REMOVAL, MISC: DECORATIVE FENCE WITH CONCRETE PILLARS

THIS ITEM CONSISTS OF THE REMOVAL AND DISPOSAL OF THE DECORATIVE FENCE WITH CONCRETE PILLARS AT 7148 PICKERINGTON RD. THE WHOLE LENGTH OF THE FENCE IS 1651 FT AND INCLUDES 64 STONE PILLARS.

IT ALSO INCLUDES THE REMOVAL AND DISPOSAL OF THE DECORATIVE FENCE WITH CONCRETE PILLARS AT 7141 PICKERINGTON RD. THE WHOLE LENGTH OF THE FENCE IS 1651 FT AND INCLUDES 2 STONE PILLARS AS WELL AS THE STONE SURROUND ON EITHER SIDE OF THE GATE ON THE DRIVE.

ITEM 202 - REMOVAL, MISC: LARGE ROCK

THIS ITEM CONSISTS OF THE REMOVAL AND DISPOSAL OF THE 3 LARGE ROCKS WHERE THE DRIVE MEETS THE ROAD AT 7230 PICKERINGTON RD.

IT ALSO INCLUDES THE REMOVAL AND DISPOSAL OF THE 2 LARGE ROCKS WHERE THE DRIVE MEETS THE ROAD AT 7275 PICKERINGTON RD.

ITEM 202 - REMOVAL, MISC: PRIVATE BRIDGE

THIS ITEM CONSISTS OF THE REMOVAL OF THE BRIDGE ALONG THE SOUTH CONNECTOR AT APPROXIMATELY STA. 712+70, 62' LT. THIS ITEM INCLUDES THE REMOVAL OF ALL ROCKS AND OTHER PERTIENT ITEMS IN THE VICINITY THAT ARE NEEDED TO BE REMOVED TO ENSURE THE PROPOSED CULVERT AND RCP CAN BE PLACED AS SHOWN.

ITEM 202 - REMOVAL, MISC: SLOTTED DRAIN

THIS ITEM CONSISTS OF THE REMOVAL OF BOTH THE GRATE THAT MEETS THE SURFACE, BEARING BAR, AND THE RECEIVING STORM PIPE CONNECTED TO THE UNDERSIDE OF THE GRATE.

SEE PLANS AND ESTIMATED QUANTITY TABLES FOR THE LOCATIONS ON U.S. 33.

ITEM SPECIAL - MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

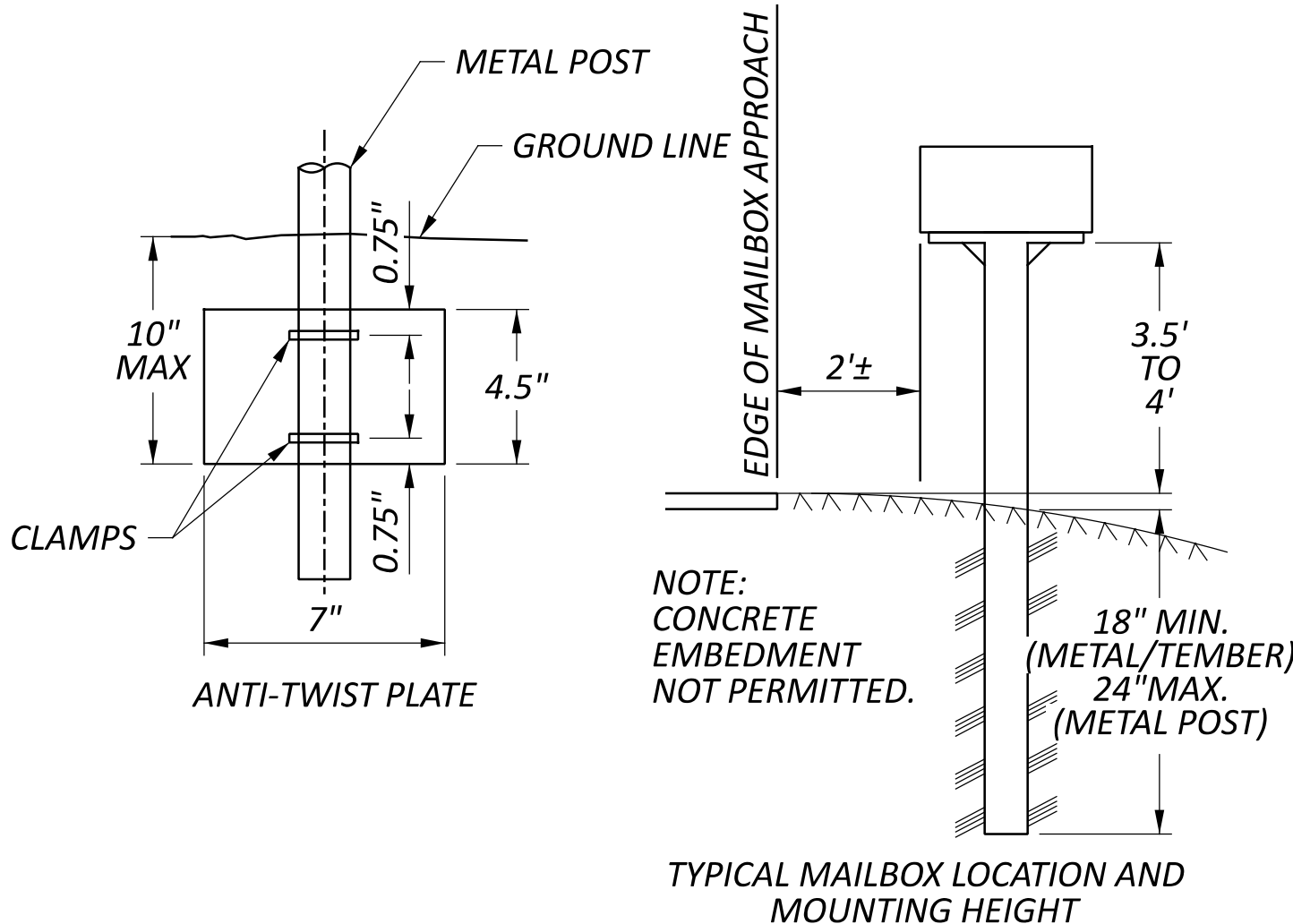
THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, SINGLE.



RAILROAD CROSSING REMOVALS

THE RAILROAD WILL REMOVE THE CROSSING WITHIN THE RAIL BED AREA AT PICKERINGTON ROAD, THORN LANE, ALLEN ROAD (WEST), ALLEN ROAD (EAST). THE AREA BETWEEN WHERE THE RAILROAD STOPS THEIR REMOVAL TO THE RIGHT-OF-WAY LIMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE BY MEANS OF EXISTING PAVEMENT REMOVAL, GRADING AND SEEDING. TO ACCOUNT FOR THIS WORK, THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER TO COMPLETE THIS WORK AND CARRIED TO THE GENERAL SUMMARY:

ITEM 202, PAVEMENT REMOVED	20 SY
ITEM 203, EXCAVATION	200 CY
ITEM 203, EMBANKMENT	150 CY
ITEM 659, SEEDING AND MULCHING, CLASS 2	800 SY
ITEM 900, SPECIAL - RAIL ITEM, MISC.: BALLAST	40 CY

ITEM 900 - SPECIAL - RAIL ITEM, MISC.: BALLAST

THIS ITEM SHALL CONSIST OF PLACING BALLAST AS DESIGNATED AS AREMA 4A ON THE EXISITNG BALLAST/SUBBALLAST SURFACE IN ACCORDANCE TO THE AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION (AREMA) MANUAL OF RAILWAY ENGINEERING (2024).

DESIGN AGENCY



DESIGNER

MDW

REVIEWER

TWG 12/09/24

PROJECT ID

77555

SHEET

P.26

TOTAL

846

GENERAL SUMMARY

GENERAL SUMMARY	
DESIGN AGENCY 	
DESIGNER MGM	
REVIEWER TWG 12/17/24	
PROJECT ID 77555	
SHEET P.129	TOTAL 846

SHEET NUM.											PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.24	P.139B	P.139G	P.148	P.149	P.151	P.152	P.153	P.154	P.453	P.547	01/NHS/01	02/NHS/08	03/NHS/13	04/STR/04						
					44						44				611	08900	44	FT	DRAINAGE CONTINUED	
					180						180				611	09100	180	FT	21" CONDUIT, TYPE C	
						98								98	611	10400	98	FT	24" CONDUIT, TYPE B, 707.33	
					200						200				611	10600	200	FT	24" CONDUIT, TYPE C	
						198								198	611	13400	198	FT	30" CONDUIT, TYPE B, 707.33	
						100								100	611	13600	100	FT	30" CONDUIT, TYPE C, 707.33	
					38						38				611	25200	38	FT	66" CONDUIT, TYPE B	
						140								140	611	27000	140	FT	78" CONDUIT, TYPE A, 706.02	
						43								43	611	52304	43	FT	19" X 30" CONDUIT, TYPE C, 706.04	
					142	106					142			106	611	53500	248	FT	63" X 98" CONDUIT, TYPE A, 706.04	
					60						60				611	94700	60	FT	6' X 4' CONDUIT, TYPE A, 706.05	
					171						171				611	97010	171	FT	SLOTTED DRAIN, TYPE 2, 15"	
100											25			75	611	97400	100	FT	CONDUIT, MISC.: TYPE B FOR DRAINAGE CONTINUANCE	P.24
100											25			75	611	97400	100	FT	CONDUIT, MISC.: TYPE C FOR DRAINAGE CONTINUANCE	P.24
100											25			75	611	97400	100	FT	CONDUIT, MISC.: TYPE E FOR DRAINAGE CONTINUANCE	P.24
100											25			75	611	97400	100	FT	CONDUIT, MISC.: TYPE F FOR DRAINAGE CONTINUANCE	P.24
					2	2					2			2	611	98180	4	EACH	CATCH BASIN, NO. 3A	
					1						1				611	98370	1	EACH	CATCH BASIN, NO. 6	
					4						4				611	98410	4	EACH	CATCH BASIN, NO. 8	
					3	4					3			4	611	98470	7	EACH	CATCH BASIN, NO. 2-2B	
					2	4					2			4	611	98510	6	EACH	CATCH BASIN, NO. 2-3	
					1						1				611	98820	1	EACH	INLET, NO. 3D	
					7						7				611	99574	7	EACH	MANHOLE, NO. 3	
1							10	4			11			4	611	99710	15	EACH	PRECAST REINFORCED CONCRETE OUTLET	
1														1	611	99720	1	EACH	INSPECTION WELL	
	112,774	682									112,774			682	254	01000	113,456	SY	PAVEMENT PLANING, ASPHALT CONCRETE (DEPTH = 3 1/4")	
	5,907	9,193									5,907			9,193	301	56000	15,100	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
									157					157	301	56100	157	CY	ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS)	
	6,641	9,169							30		6,641			9,199	304	20000	15,840	CY	AGGREGATE BASE	
	19,676	6,537							142		19,676			6,679	407	20000	26,355	GAL	NON-TRACKING TACK COAT	
	81	1,697							528		129			2,177	411	10000	2,306	CY	STABILIZED CRUSHED AGGREGATE	
	84	1,796									84			1,796	441	10100	1,880	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M	
	117	2,513									117			2,513	441	10200	2,630	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
									89					89	441	70500	89	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
									62					62	441	70700	62	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)	
	5,606										5,606				442	10000	5,606	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
	6,544										6,544				442	10080	6,544	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446)	
									81					81	451	10010	81	SY	6" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
									95					95	452	12010	95	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
	13,515										13,515				452	13020	13,515	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	
				128	360						128			360	609	24510	488	FT	CURB, TYPE 4-C	
				112							112				609	54000	112	SY	6" CONCRETE TRAFFIC ISLAND	
										299				299	638	01140	299	FT	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR14	
										178				178	638	01710	178	FT	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR14	
										5,203				5,203	638	02750	5,203	FT	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR-14	
										350				350	638	07314	350	FT	30" STEEL PIPE ENCASEMENT, BORED OR JACKED	
										10				10	638	07800	10	EACH	6" GATE VALVE AND VALVE BOX	
										1				1	638	07900	1	EACH	8" GATE VALVE AND VALVE BOX	
										3				3	638	08100	3	EACH	12" GATE VALVE AND VALVE BOX	
										2				2	638	09800	2	EACH	12" X 12" TAPPING SLEEVE, VALVE AND VALVE BOX	
										10				10	638	10200	10	EACH	6" FIRE HYDRANT	
										11				11	638	10700	11	EACH	FIRE HYDRANT REMOVED AND DISPOSED OF	
										1				1	638	11102	1	EACH	METER AND VAULT REMOVED AND RESET	
										1,035				1,035	SPECIAL	63820768	1,035	FT	¾" POLYETHYLENE WATER SERVICE LINE (FAIRFIELD COUNTY)	P.551
										2				2	SPECIAL	63820884	2	EACH	CUT AND PLUG EXISTING 12" WATER LINE (FAIRFIELD COUNTY)	P.547
										13				13	SPECIAL	63820904	13	EACH	SERVICE BOX (FAIRFIELD COUNTY)	P.551

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

MGM

REVIEWER

TWG 12/17/24

PROJECT ID

77555

SHEET

P.130

TOTAL

846

SHEET NUM.										PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				P.24	P.148	P.149	P.560	P.562	P.568	01/NHS/01	02/NHS/08	03/NHS/13	04/STR/04						
																		TRAFFIC CONTROL	
							384	199		384			199	621	00100	583	EACH	RPM	
				100						100				621	54000	100	EACH	RAISED PAVEMENT MARKER REMOVED	
									3				3	625	32000	3	EACH	GROUND ROD	
					75					75				626	00102	75	EACH	BARRIER REFLECTOR, TYPE 1, ONE-WAY	
						10							10	626	00102	10	EACH	BARRIER REFLECTOR, TYPE 1, BIRECTIONAL	
					75					75				626	00110	75	EACH	BARRIER REFLECTOR, TYPE 2, ONE-WAY	
						32							32	626	00110	32	EACH	BARRIER REFLECTOR, TYPE 2, BIRECTIONAL	
									1,260	802			458	630	03100	1,260	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
									98	98				630	06400	98	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	
									188	40			148	630	06500	188	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	
										199	199			630	07000	199	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	
										173	173			630	07600	173	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12	
										90			90	630	08520	90	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
										25	18		7	630	08600	25	EACH	SIGN POST REFLECTOR	
										32	24		8	630	09000	32	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
									2				2	630	72320	2	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6	
									1				1	630	72340	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12	
									4				4	630	79200	4	EACH	SIGN ATTACHMENT ASSEMBLY, MAST ARM	
									9	4			5	630	79500	9	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
									11	11				630	79604	11	EACH	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2	
									770.2	507.8			262.4	630	80100	770.2	SF	SIGN, FLAT SHEET	
									1,054	936			118	630	80200	1,054	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
									252				252	630	80224	252	SF	SIGN, OVERHEAD EXTRUSHEET	
									17				17	630	80500	17	EACH	SIGN, DOUBLE FACED, STREET NAME	
									1				1	630	80510	1	EACH	SIGN, STREET NAME	
									32	24			8	630	84500	32	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
									3				3	630	84510	3	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
									235	199			36	630	84900	235	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
									5	4			1	630	85100	5	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
									8	8				630	85400	8	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
									251	224			27	630	86002	251	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
								4.8	12	12			4.8	630	86102	12	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
							8.78			8.78				644	00100	4.8	MILE	EDGE LINE, 4"	
														644	00104	8.78	MILE	EDGE LINE, 6"	
							4.32			4.32				644	00204	4.32	MILE	LANE LINE, 6"	
							0.04	2.74		0.04			2.74	644	00300	2.78	MILE	CENTER LINE	
								1,152					1,152	644	00400	1,152	FT	CHANNELIZING LINE, 8"	
							4,661			4,661				644	00404	4,661	FT	CHANNELIZING LINE, 12"	
								249					249	644	00500	249	FT	STOP LINE	
									1,101				1,101	644	00700	1,101	FT	TRANSVERSE/DIAGONAL LINE	
									14				14	644	01300	14	EACH	LANE ARROW	
							3,814			3,814				644	01510	3,814	FT	DOTTED LINE, 6"	
								0.12					0.12	646	10000	0.12	MILE	EDGE LINE, 4"	
							2.08			2.08				646	10010	2.08	MILE	EDGE LINE, 6"	
								0.07		0.07				646	10110	0.07	MILE	LANE LINE, 6"	
								0.1					0.1	646	10200	0.1	MILE	CENTER LINE	
								159					159	646	10300	159	FT	CHANNELIZING LINE, 8"	
							720			720				646	10310	720	FT	CHANNELIZING LINE, 12"	
							78	62		78			62	646	10400	140	FT	STOP LINE	
								300					300	646	10600	300	FT	TRANSVERSE/DIAGONAL LINE	
							15	2		15			2	646	20300	17	EACH	LANE ARROW	
								2		2				646	20320	2	EACH	WRONG WAY ARROW	
								3		3				646	20410	3	EACH	WORD ON PAVEMENT, 96"	
								184		184				646	20504	184	FT	DOTTED LINE, 6"	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

MGM

REVIEWER

TWG 12/17/24

PROJECT ID

77555

SHEET

P.132

TOTAL

846

LOCATION	STATION		SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW	CADD GENERATED AREA	202	204	206	206	206	206	254	301	301	301	304	407	407	411	441	441
	FROM	TO		FT	FT	SF	SF	SY	SY	TON	SY	SY	SY	SY	CY	CY	CY	CY	GAL	GAL	CY	CY	CY
BENADUM ROAD																							
	700+25.00	702+13.28		188.28	21.10	3972.71													48.56			15.33	21.46
	700+25.00	702+13.28		188.28	21.77	4098.29									63.25								
	700+25.00	702+13.28		188.28	22.77	4286.57												79.38					
	700+25.00	702+13.28		188.28	24.10	4537.55				13.05	504.17	504.17											
	702+13.28	706+16.05		402.77	24.00	9666.48													118.15			37.29	52.21
	702+13.28	706+16.05		402.77	24.67	9935.13									153.32								
	702+13.28	706+16.05		402.77	25.67	10337.90												191.44					
	702+13.28	706+16.05		402.77	27.00	10874.79				31.27	1208.31	1208.31											
SHOULDER (LT)	700+25.00	706+16.05		591.05			2300.88														56.81		
SHOULDER (RT)	700+25.00	706+16.05		591.05			2327.61														57.47		
REMOVALS	700+25.00	706+16.05		591.05			13353.90	1483.77															
SOUTH CONNECTOR																							
	707+52.05	711+15.00		362.95	24.00	8710.80													106.47			33.61	47.05
	707+52.05	711+15.00		362.95	24.67	8953.98									138.18								
	707+52.05	711+15.00		362.95	25.67	9315.72												172.51					
	707+52.05	711+15.00		362.95	27.00	9799.65				28.17	1088.85	1088.85											
	711+15.00	714+20.00		305.00	24.00	7320.00													89.47			28.24	39.54
	711+15.00	714+20.00		305.00	24.67	7524.35									116.12								
	711+15.00	714+20.00		305.00	25.67	7828.33												144.97					
	711+15.00	714+20.00		305.00	27.00	8235.00			915.00														
	714+20.00	715+65.00		145.00	24.00	3480.00													42.53			13.43	18.80
	714+20.00	715+65.00		145.00	24.67	3577.15									55.20								
	714+20.00	715+65.00		145.00	25.67	3721.67												68.92					
	714+20.00	715+65.00		145.00	27.00	3915.00				11.26	435.00	435.00											
	715+65.00	723+45.00		780.00	24.00	18720.00													228.80			72.22	101.11
	715+65.00	723+45.00		780.00	24.67	19242.60									296.95								
	715+65.00	723+45.00		780.00	25.67	20020.00												370.74					
	715+65.00	723+45.00		780.00	27.00	21060.00			2340.00														
	723+45.00	724+60.00		115.00	24.00	2760.00													33.73			10.65	14.91
	723+45.00	724+60.00		115.00	24.67	2837.05									43.78								
	723+45.00	724+60.00		115.00	25.67	2951.67												54.66					
	723+45.00	724+60.00		115.00	27.00	3105.00				8.93	345.00	345.00											
	724+60.00	726+25.00		165.00	24.00	3960.00													48.40			15.28	21.39
	724+60.00	726+25.00		165.00	24.67	4070.55									62.82								
	724+60.00	726+25.00		165.00	25.67	4235.00												78.43					
	724+60.00	726+25.00		165.00	27.00	4455.00			495.00														
	726+25.00	739+44.49		1319.49	24.00	31667.76													387.05			122.18	171.05
	726+25.00	739+44.49		1319.49	24.67	32551.82									502.34								
	726+25.00	739+44.49		1319.49	25.67	33866.91												627.17					
	726+25.00	739+44.49		1319.49	27.00	35626.23				102.43	3958.47	3958.47											
SHOULDER	707+52.05	739+44.49		3192.44	8.00	25539.52															630.61		
CUL-DE-SAC	739+44.49	741+75.00		230.51	49.12	11323.00													138.39			43.68	61.16
	739+44.49	741+75.00		230.51	49.79	11476.67									177.11								
	739+44.49	741+75.00		230.51	50.74	11696.08												216.59					
	739+44.49	741+75.00		230.51	52.04	11995.74				34.49	1332.86	1332.86											
SHOULDER	739+44.49	741+75.00		230.51			1808.36														44.65		
TOTALS CARRIED TO SHEET P.139G								1484	3750	230	8873	8873	0	0	1609	0	0	2005	1242	0	790	392	549

PAVEMENT QUANTITIES - BENADUM ROAD/SOUTH CONNECTOR

DESIGN AGENCY

CARPENTER
MARTY

DESIGNER

BAC

REVIEWER

TWG 12/09/24

PROJECT ID

77555

SHEET

P.139E

TOTAL

846

LOCATION	STATION		SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=D*W	CADD GENERATED AREA	202	204	206	206	206	206	254	301	301	301	304	407	407	411	441	441
								PAVEMENT REMOVED	SUBGRADE COMPACTION	CEMENT	CURING COAT	12" CEMENT STABILIZED SUBGRADE	14" CEMENT STABILIZED SUBGRADE	PAVEMENT PLANING, ASPHALT CONCRETE (3 1/4" DEPTH)	5" ASPHALT CONCRETE BASE, (449)	6" ASPHALT CONCRETE BASE, (449)	9" ASPHALT CONCRETE BASE, (449)	6" AGGREGATE BASE	NON-TRACKING TACK COAT (0.055 GAL/SY)	NON-TRACKING TACK COAT (0.085 GAL/SY)	8" STABILIZED CRUSHED AGGREGATE	1 1/2" ASPHALT SURFACE COURSE, TYPE 1, (446), PG70-22M	1 3/4" ASPHALT INTERMEDIATE COURSE, TYPE 2, (446)
	FROM	TO		FT	FT	SF	SF	SY	SY	TON	SY	SY	SY	SY	CY	CY	CY	CY	GAL	GAL	CY	CY	CY
NORTH CONNECTOR																							
	800+25.86	800+72.79		46.93	51.37	2410.79													29.47			9.30	13.02
	800+25.86	800+72.79		46.93	52.40	2459.13									37.95								
	800+25.86	800+72.79		46.93	53.94	2531.40												46.88					
	800+25.86	800+72.79		46.93	55.97	2626.67				7.55	291.85	291.85											
	800+72.79	806+15.00		542.21	24.00	13013.04													159.05			50.20	70.29
	800+72.79	806+15.00		542.21	24.67	13376.32									206.42								
	800+72.79	806+15.00		542.21	25.67	13916.72												257.72					
	800+72.79	806+15.00		542.21	27.00	14639.67				42.09	1626.63	1626.63											
	806+15.00	807+20.00		105.00	24.00	2520.00													30.80			9.72	13.61
	806+15.00	807+20.00		105.00	24.67	2590.35									39.97								
	806+15.00	807+20.00		105.00	25.67	2695.00												49.91					
	806+15.00	807+20.00		105.00	27.00	2835.00			315.00														
	807+20.00	814+70.00		750.00	24.00	18000.00													220.00			69.44	97.22
	807+20.00	814+70.00		750.00	24.67	18502.50																	
	807+20.00	814+70.00		750.00	25.67	19250.00									285.53								
	807+20.00	814+70.00		750.00	27.00	20250.00				58.22	2250.00	2250.00						356.48					
	814+70.00	816+15.00		145.00	24.00	3480.00													42.53			13.43	18.80
	814+70.00	816+15.00		145.00	24.67	3577.15																	
	814+70.00	816+15.00		145.00	25.67	3721.67												68.92					
	814+70.00	816+15.00		145.00	27.00	3915.00			435.00														
	816+15.00	818+00.00		185.00	24.00	4440.00													54.27			17.13	23.98
	816+15.00	818+00.00		185.00	24.67	4563.95									70.43								
	816+15.00	818+00.00		185.00	25.67	4748.33												87.93					
	816+15.00	818+00.00		185.00	27.00	4995.00				14.36	555.00	555.00											
	818+00.00	820+85.00		285.00	24.00	6840.00													83.60			26.39	36.94
	818+00.00	820+85.00		285.00	24.67	7030.95																	
	818+00.00	820+85.00		285.00	25.67	7315.00									108.50								
	818+00.00	820+85.00		285.00	27.00	7695.00			855.00									135.46					
	820+85.00	825+10.00		425.00	24.00	10200.00													124.67			39.35	55.09
	820+85.00	825+10.00		425.00	24.67	10484.75																	
	820+85.00	825+10.00		425.00	25.67	10908.33												202.01					
	820+85.00	825+10.00		425.00	27.00	11475.00				32.99	1275.00	1275.00											
	825+10.00	826+40.00		130.00	24.00	3120.00													38.13			12.04	16.85
	825+10.00	826+40.00		130.00	24.67	3207.10									49.49								
	825+10.00	826+40.00		130.00	25.67	3336.67												61.79					
	825+10.00	826+40.00		130.00	27.00	3510.00			390.00														
	826+40.00	829+74.52		334.52	24.00	8028.48													98.13			30.97	43.36
	826+40.00	829+74.52		334.52	24.67	8252.61																	
	826+40.00	829+74.52		334.52	25.67	8586.01												159.00					
	826+40.00	829+74.52		334.52	27.00	9032.04				25.97	1003.56	1003.56											
SHOULDER	800+72.79	829+74.52		2901.73	8.00	23213.84															573.18		
CUL-DE-SAC																							
	829+74.52	831+55.00		180.48	62.74	11323.00													138.39			43.68	61.16
	829+74.52	831+55.00		180.48	63.56	11471.31																	
	829+74.52	831+55.00		180.48	64.80	11695.10												216.58					
	829+74.52	831+55.00		180.48	66.46	11994.70				34.48	1332.74	1332.74											
SHOULDER	829+90.07	831+55.00		164.93			1569.73																
TOTALS CARRIED TO SHEET P.139G								0	1995	216	8335	8335	0	0	1320	0	0	1643	1019	0	612	322	450

PAVEMENT QUANTITIES - NORTH CONNECTOR

DESIGN AGENCY

CARPENTER
MARTY

DESIGNER

BAC

REVIEWER

TWG 12/09/24

PROJECT ID

77555

SHEET

P.139F

TOTAL

846

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 5/9/2025 TIME: 7:14:27 AM USER: cmt008
P:\ODT\05\0004 FAI-33-3.18\77555\400-Engineering\Roadway\Sheets\77555 GQ011.dgn

LOCATION	STATION		SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW	CADD GENERATED AREA	202	204	206	206	206	254	301	301	301	304	407	407	411	441	441		
	PAVEMENT REMOVED	SUBGRADE COMPACTION						CEMENT	CURING COAT	12" CEMENT STABILIZED SUBGRADE	14" CEMENT STABILIZED SUBGRADE	PAVEMENT PLANING, ASPHALT CONCRETE (3 1/4" DEPTH)	5" ASPHALT CONCRETE BASE, (449)	6" ASPHALT CONCRETE BASE, (449)	9" ASPHALT CONCRETE BASE, (449)	6" AGGREGATE BASE	NON-TRACKING TACK COAT (0.055 GAL/SY)	NON-TRACKING TACK COAT (0.085 GAL/SY)	8" STABILIZED CRUSHED AGGREGATE	1 1/4" ASPHALT SURFACE COURSE, TYPE 1, (446), PG70-22M	1 3/4" ASPHALT INTERMEDIATE COURSE, TYPE 2, (446)			
	FROM	TO		FT	FT	SF	SF	SY	SY	TON	SY	SY	SY	SY	CY	CY	CY	CY	GAL	GAL	CY	CY	CY	
SERVICE ROAD 1																								
	10+22.33	10+60.56		38.23	45.99	1758.20												21.49			6.78	9.50		
	10+22.33	10+60.56		38.23	46.95	1794.90									27.70									
	10+22.33	10+60.56		38.23	48.39	1849.95											34.26							
	10+22.33	10+60.56		38.23	50.32	1923.73					213.75													
	10+60.56	15+30.84		470.28	24.00	11286.72												137.95			43.54	60.96		
	10+60.56	15+30.84		470.28	24.67	11600.40									179.02									
	10+60.56	15+30.84		470.28	25.67	12070.68											223.53							
	10+60.56	15+30.84		470.28	27.00	12697.56					1410.84													
SHOULDER	10+60.56	15+30.84		470.28	8.00	3762.24														92.89				
SERVICE ROAD 1 CUL-DE-SAC																								
	15+30.84	17+10.00		179.16	62.94	11276.33												137.82			43.50	60.91		
	15+30.84	17+10.00		179.16	63.77	11425.03									176.31									
	15+30.84	17+10.00		179.16	65.01	11647.19											215.69							
	15+30.84	17+10.00		179.16	66.68	11946.39					1327.38													
SHOULDER	15+30.84	17+10.00		179.16			1798.69													44.41				
SERVICE ROAD 2																								
	22+24.78	26+71.98		447.20	24.00	10732.80												131.18			41.41	57.97		
	22+24.78	26+71.98		447.20	24.67	11031.08									170.23									
	22+24.78	26+71.98		447.20	25.67	11478.28											212.56							
	22+24.78	26+71.98		447.20	27.00	12074.40					1341.60													
	26+71.98	28+36.52		164.54	33.80	5561.45												67.97			21.46	30.04		
	26+71.98	28+36.52		164.54	34.47	5671.20									87.52									
	26+71.98	28+36.52		164.54	35.38	5821.43											107.80							
	26+71.98	28+36.52		164.54	36.80	6055.07					672.79													
	28+36.52	28+74.79		38.27	56.67	2168.76												26.51			8.37	11.71		
	28+36.52	28+74.79		38.27	57.53	2201.67									33.98									
	28+36.52	28+74.79		38.27	58.82	2251.04											41.69							
	28+36.52	28+74.79		38.27	59.26	2267.88					251.99													
SHOULDER	22+24.78	28+36.52		611.74	8.00	4893.92														120.84				
SERVICE ROAD 2 CUL-DE-SAC																								
	20+75.00	22+24.78		149.78	64.39	9644.00												117.87			37.21	52.09		
	20+75.00	22+24.78		149.78	65.22	9768.65									150.75									
	20+75.00	22+24.78		149.78	66.48	9957.37											184.40							
	20+75.00	22+24.78		149.78	68.17	10210.50					1134.50													
SHOULDER	20+75.00	22+24.78		149.78			1526.74													37.70				
SUBTOTAL THIS SHEET								0	6353	0	0	0	0	0	826	0	0	1020	641	0	296	202	283	
SUBTOTAL SHEET P.139C								0	9024	81	2684	0	2684	0	0	1667	0	1912	1088	0	0	343	481	
SUBTOTAL SHEET P.139D								10717	7436	212	8205	8205	0	682	0	0	3772	2589	2490	58	0	536	750	
SUBTOTAL SHEET P.139E								1484	3750	230	8873	8873	0	0	1609	0	0	2005	1242	0	790	392	549	
SUBTOTAL SHEET P.139F								0	1995	216	8335	8335	0	0	1320	0	0	1643	1019	0	612	322	450	
TOTALS CARRIED TO GENERAL SUMMARY (04/STR/04)								12201	28558	739	28096	25412	2684	682		9193		9169		6537	1697	1795	2513	
																								DESIGN AGENCY
																								CARPENTER MARTY
																								DESIGNER
																								BAC
																								REVIEWER
																								TWG 12/09/24
																								PROJECT ID
																								77555
																								SHEET TOTAL
																								P.139G 846

FAI-33-2.64

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 5/9/2025 TIME: 7:18:59 AM USER: cm008
P:\ODT05\0004 FAI-33-3.18\77555\400-Engineering\Roadway\Sheets\77555 GS001.dgn

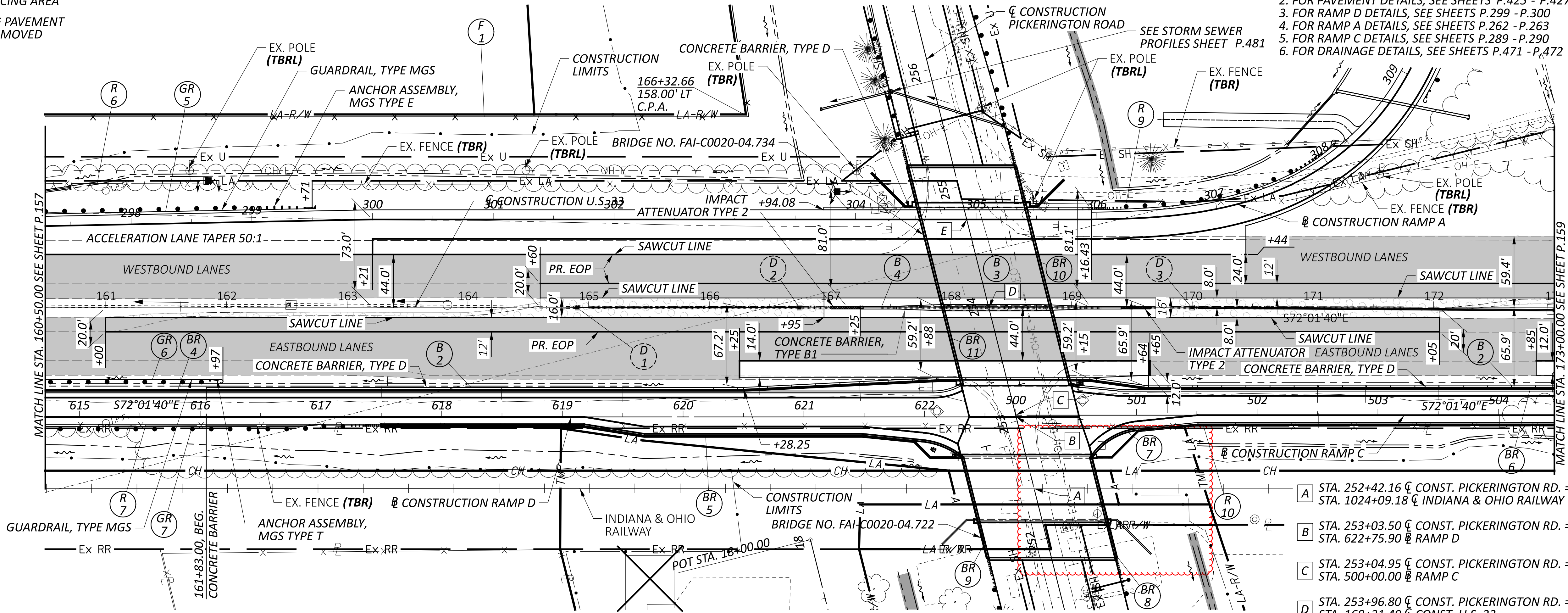
[illegible]

LEGEND

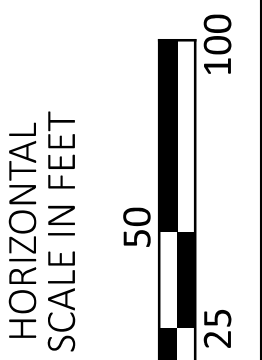
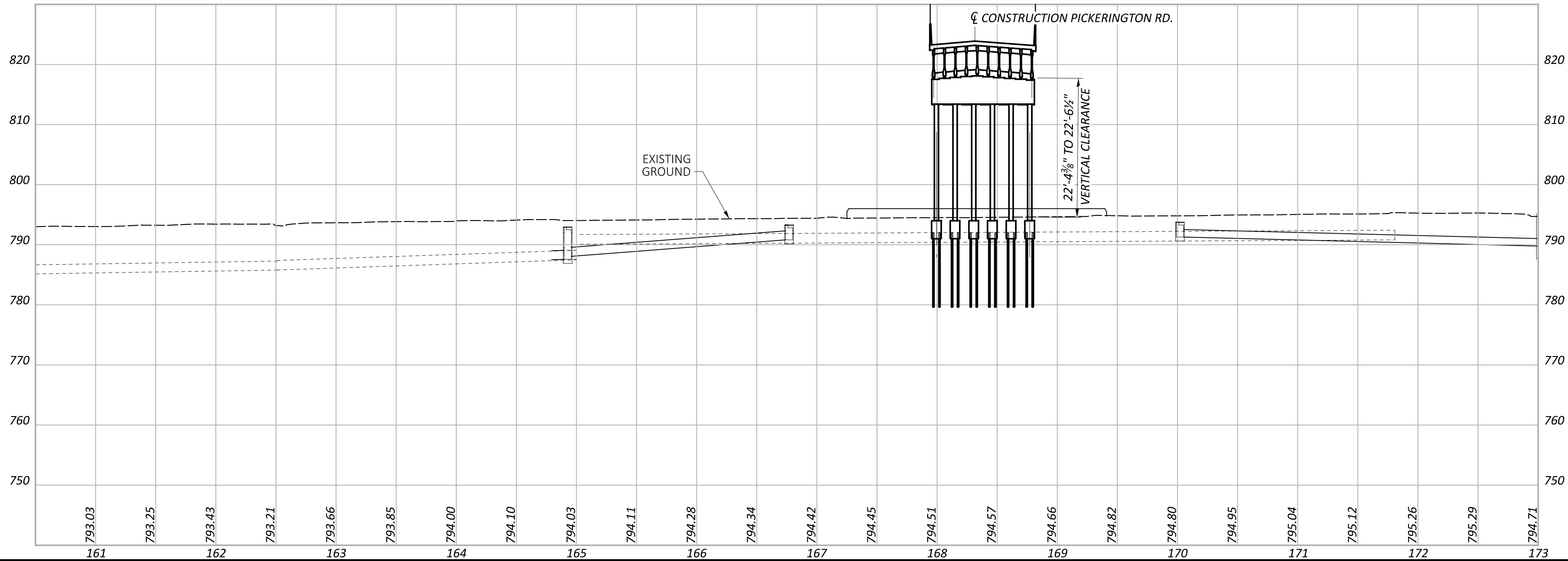
- RESURFACING AREA
- EXISTING PAVEMENT TO BE REMOVED

NOTES

1. FOR ESTIMATED QUANTITIES, SEE SHEETS P.146 - P.149
2. FOR PAVEMENT DETAILS, SEE SHEETS P.425 - P.427
3. FOR RAMP D DETAILS, SEE SHEETS P.299 - P.300
4. FOR RAMP A DETAILS, SEE SHEETS P.262 - P.263
5. FOR RAMP C DETAILS, SEE SHEETS P.289 - P.290
6. FOR DRAINAGE DETAILS, SEE SHEETS P.471 - P.472



- A STA. 252+42.16 ∇ CONST. PICKERINGTON RD. = STA. 1024+09.18 ∇ INDIANA & OHIO RAILWAY
- B STA. 253+03.50 ∇ CONST. PICKERINGTON RD. = STA. 622+75.90 ∇ RAMP D
- C STA. 253+04.95 ∇ CONST. PICKERINGTON RD. = STA. 500+00.00 ∇ RAMP C
- D STA. 253+96.80 ∇ CONST. PICKERINGTON RD. = STA. 168+31.49 ∇ CONST. U.S. 33
- E STA. 254+72.06 ∇ CONST. PICKERINGTON RD. = STA. 304+92.18 ∇ RAMP A



PLAN AND PROFILE - U.S. 33
STA. 160+50.00 TO STA. 173+00.00

DESIGN AGENCY



DESIGNER

JJL

REVIEWER

TWG 12/09/24

PROJECT ID

77555

SHEET

P.158

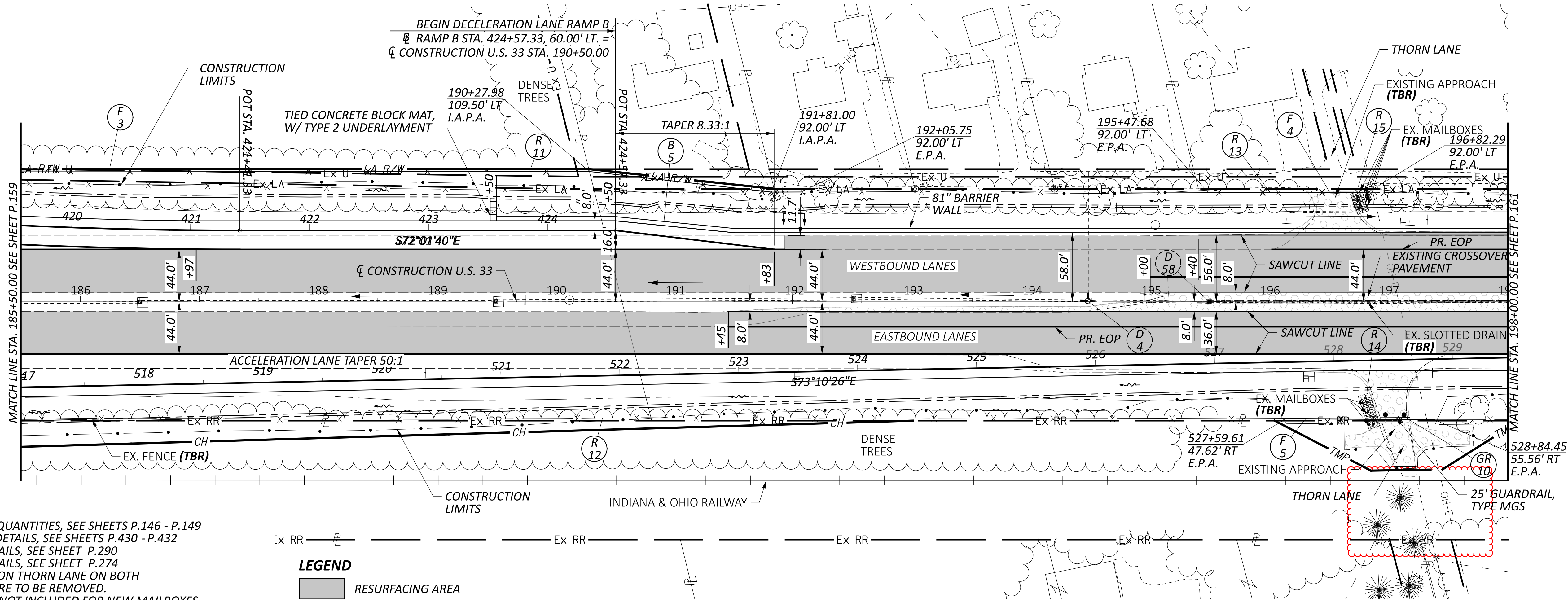
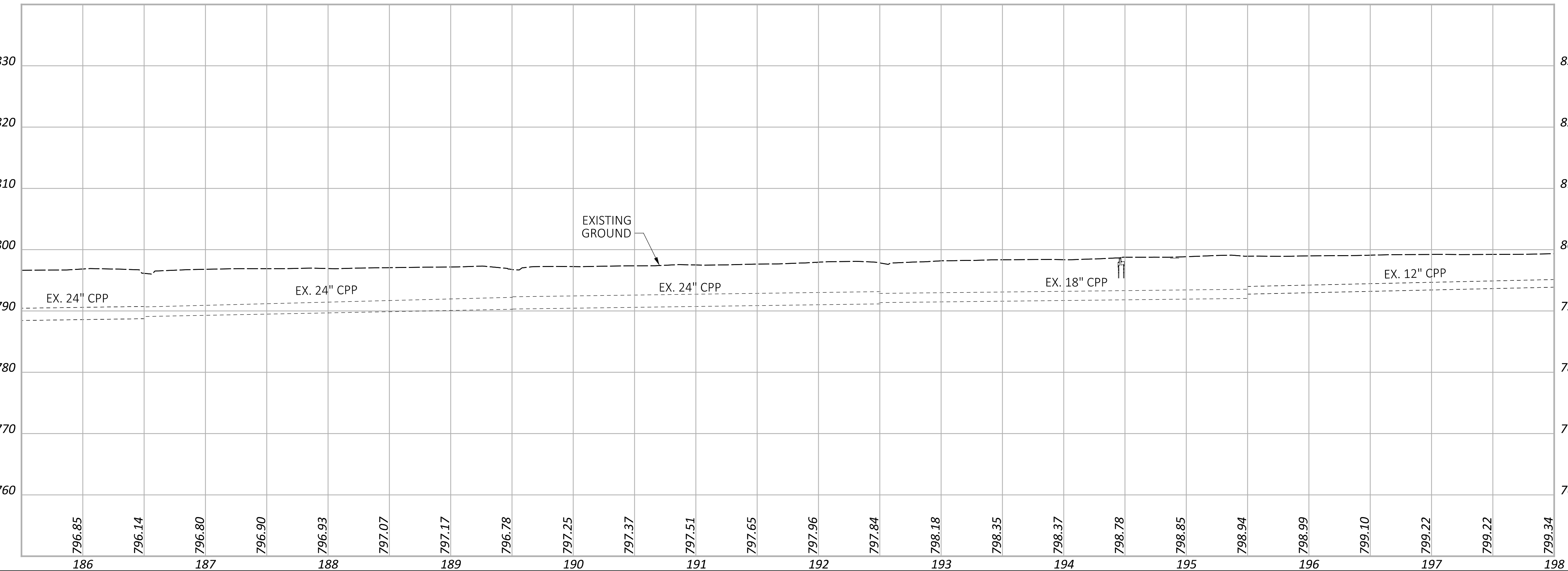
TOTAL

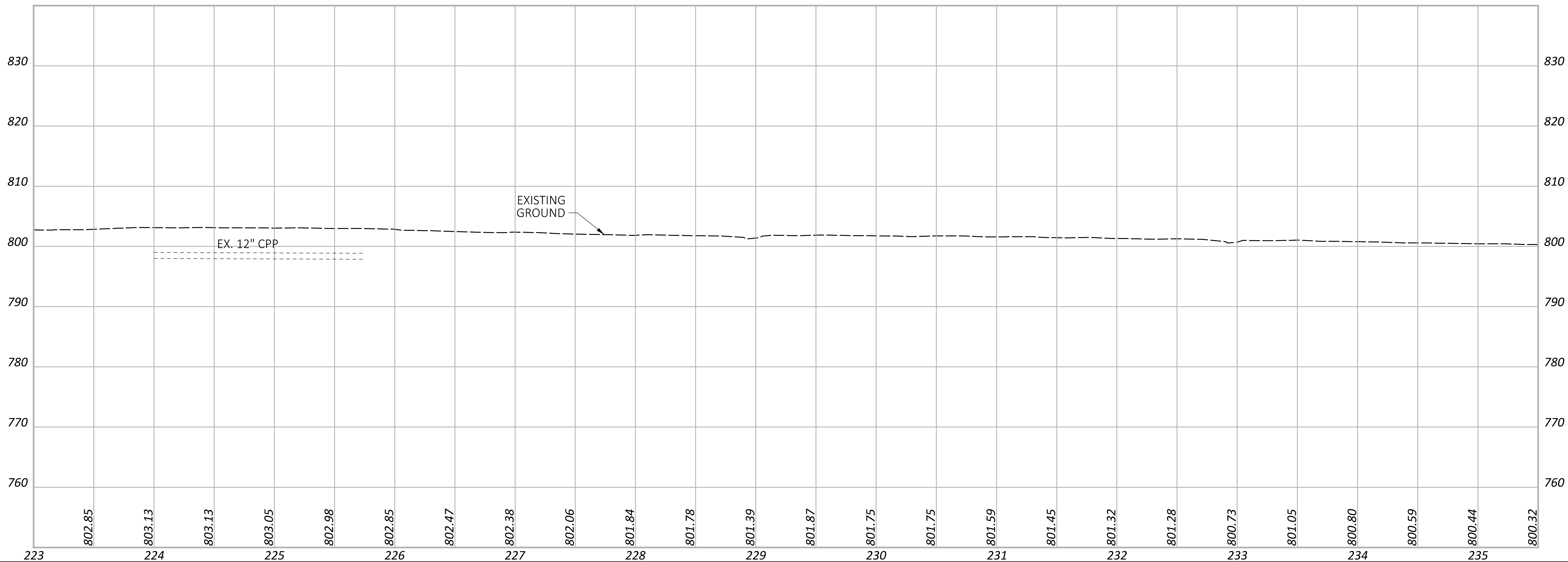
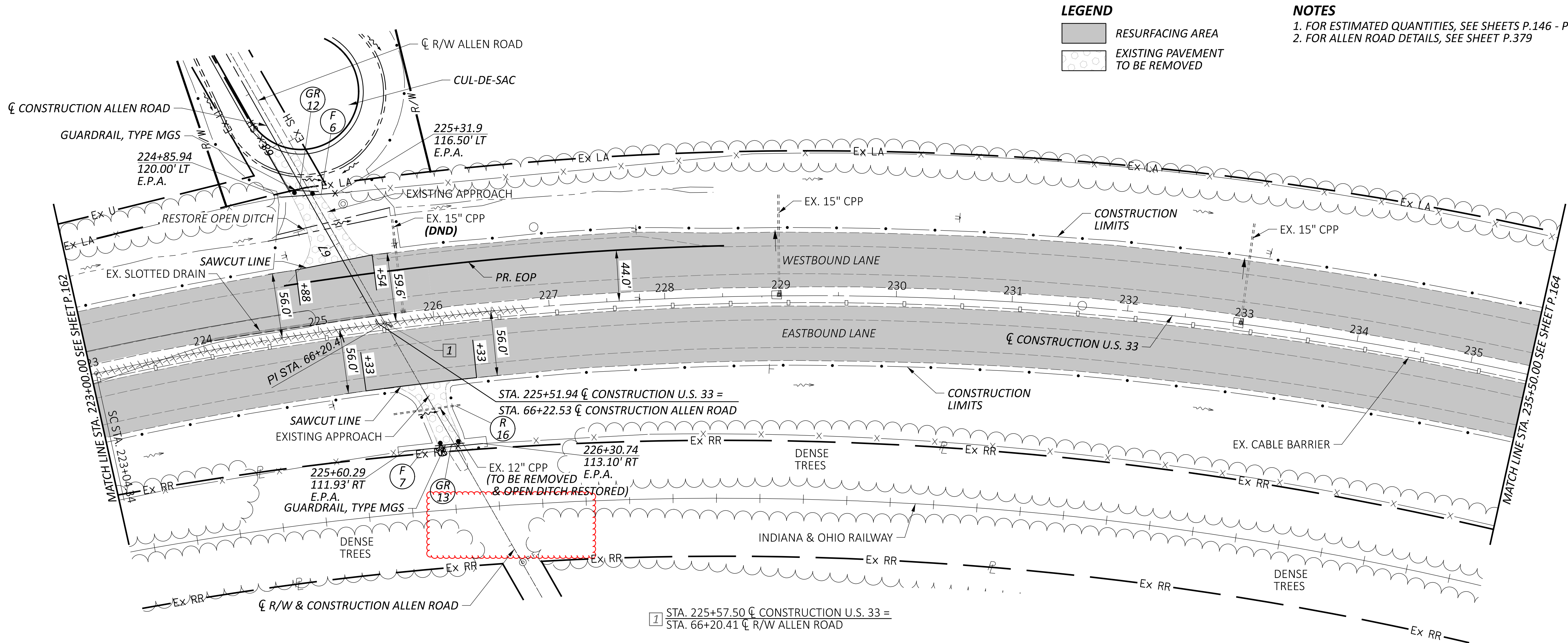
846

- NOTES**
1. FOR ESTIMATED QUANTITIES, SEE SHEETS P.146 - P.149
 2. FOR PAVEMENT DETAILS, SEE SHEETS P.430 - P.432
 3. FOR RAMP C DETAILS, SEE SHEET P.290
 4. FOR RAMP B DETAILS, SEE SHEET P.274
 5. THE MAILBOXES ON THORN LANE ON BOTH SIDES OF US 33 ARE TO BE REMOVED.
QUANTITIES ARE NOT INCLUDED FOR NEW MAILBOXES AT THIS LOCATION.

LEGEND

-  RESURFACING AREA
-  EXISTING PAVEMENT TO BE REMOVED







REF. NO.	SHEET NO.	LOCATION	STATION	CODE	SIZE		SIDE	625	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630	630		
					WIDTH (INCHES)	HEIGHT (INCHES)		GROUND ROD	GROUND MOUNTED SUPPORT, NO. 3 POST	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6x9	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10x12	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	STREET NAME SIGN SUPPORT, NO. 3 POST	SIGN POST REFLECTOR, (YELLOW)	SIGN POST REFLECTOR, (RED)	BREAKAWAY STRUCTURAL BEAM CONNECTION	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12	SIGN ATTACHMENT ASSEMBLY, MAST ARM	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	SIGN, FLAT SHEET	SIGN, GROUND MOUNTED EXTRUSHEET	SIGN, OVERHEAD EXTRUSHEET	SIGN, DOUBLE FACED, STREET NAME	SIGN, STREET NAME	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
							LT																												
S-138	P.592	PICKERINGTON RD	236+60				LT																												
S-139	P.592	PICKERINGTON RD	236+97				LT																												
S-140	P.592	PICKERINGTON RD	237+15	D3-1	18	8	LT							10									1												
				D3-1	18	8																1													
S-141	P.592	PICKERINGTON RD	237+89	D3-1	18	8	RT							10									1												
				D3-1	18	8																1													
S-142	P.592	PICKERINGTON RD	239+00	M1-H6a	18	18	RT		10												2.25														
S-143	P.592	PICKERINGTON RD	239+20	SPECIAL			LT		21																										
S-144	P.592	PICKERINGTON RD	240+40	R3-H8bj	36	30	LT		16												7.50														
S-145	P.593	PICKERINGTON RD	242+00	M2-1	21	15	RT		12												2.19														
				M1-4	24	24															4.00														
S-146	P.593	PICKERINGTON RD	245+30	D3-1	18	8	LT							10									1												
				D3-1	18	8																1													
S-147	P.594	PICKERINGTON RD	247+65				RT																												
S-148	P.594	PICKERINGTON RD	247+75	M2-H4	108	36	RT					36.7				2						27					2								
S-149	P.594	PICKERINGTON RD	250+17				RT																												
S-150	P.594	PICKERINGTON RD	250+50	D1-H1	96	24	RT					37.6										16													
				D1-H1	96	24																16													
S-151	P.595	PICKERINGTON RD	251+50		108	84	RT	1																											
S-152	P.595	PICKERINGTON RD	252+50	M1-H6a	18	18	LT		10												2.25														
S-153	P.595	PICKERINGTON RD	252+73				RT																												
S-154	P.595	PICKERINGTON RD	252+86	R3-1	36	36	LT																												
S-155	P.595	PICKERINGTON RD	252+89	R10-11B	36	36	RT																												
S-156	P.595	PICKERINGTON RD	253+29	R3-2	36	36	RT																												
S-157	P.595	PICKERINGTON RD	255+50		108	84	LT	1																											
S-158	P.596	PICKERINGTON RD	256+42	R3-H8BA	30	30	LT		11																										
S-159	P.596	PICKERINGTON RD	257+70				LT																												
S-160	P.596	PICKERINGTON RD	258+35		108	84	RT	1																											
					108	84																													
S-161	P.596	PICKERINGTON RD	258+35	R9-3	24	24	RT																												
S-162	P.596	PICKERINGTON RD	258+35	R9-3	24	24	RT															1	4.00												
S-163	P.596	PICKERINGTON RD	258+66	R9-3	24	24	LT		11													1	4.00												
S-164	P.596	PICKERINGTON RD	258+90	R4-7	36	48	RT		29																										
S-165	P.596	PICKERINGTON RD	259+58	R9-3	24	24	RT																												
S-166	P.596	PICKERINGTON RD	259+58	R9-3	24	24	RT																												
S-167	P.596	PICKERINGTON RD	259+61	R9-3	24	24	LT		11																										
S-168	P.596	PICKERINGTON RD	260+30	M2-H4	108	36	LT					37.7				2																			
S-169	P.597	PICKERINGTON RD	261+85				LT																												
S-170	P.597	PICKERINGTON RD	262+00	M1-H6a	18	18	RT		10																										
S-171	P.597	PICKERINGTON RD	262+61				LT																												
S-172	P.597	PICKERINGTON RD	262+92	R3-H8BA	30	30	LT		11																										
S-173	P.597	PICKERINGTON RD	263+50	D1-H1	96	24	LT					35.7																							
				D1-H1	96	24																													
S-174	P.597	PICKERINGTON RD	264+85	D3-1	18	8	LT							10																					
				D3-1	18	8																													
S-175	P.597	PICKERINGTON RD	265+70	D3-1	18	8	RT							10																					
				D3-1	18	8																													
S-176	P.598	PICKERINGTON RD	267+00	M2-1	21	15	LT																												
				M1-4	24	24																													
S-177	P.599	PICKERINGTON RD	275+00	W3-3	30	30	LT																												
				W16-H8P	48	8																													
S-178	P.599	PICKERINGTON RD	275+00	W3-3	30	30	RT																												
				W16-H8P	48	8																													

SIGNING SUBSUMMARY - SIDE ROADS

DESIGN AGENCY

CARPENTER
MARTY

DESIGNER

AA

REVIEWER

MGM 12/09/24

PROJECT ID

77555

SHEET

P.566

TOTAL

846

SIGNING SUBSUMMARY	
	
DESIGN AGENCY	
DESIGNER	AA
REVIEWER	MGM 12/09/24
PROJECT ID	77555
SHEET	TOTAL
P.568	846