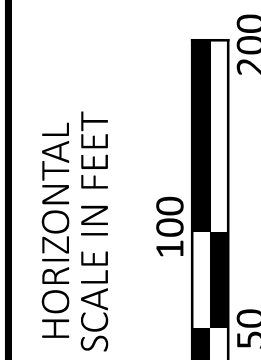


SURVEY CONTROL

☐ OF RIVER ST/ WASHINGTON ST/ MCGAFFNEY AVENUE/ JACKSON ST

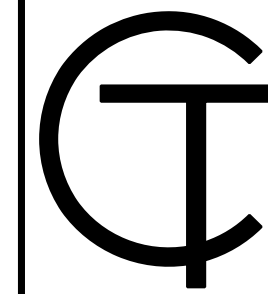
POINT	STATION	OFFSET		NORTH (Y)	EAST (X)	ELEV. (Z)	DESCRIPTION
1	107+40.13	26.88	LT	285710.206	223578.906	822.11	IPINS
2	111+94.04	21.738	LT	285439.111	223943.141	818.907	IPINS
3	114+35.38	47.908	LT	285291.019	224159.642	821.27	IPINS
4	116+91.12	32.216	LT	285029.921	224045.066	852.553	IPINS
6	112+44.71	592.274	LT	285869.783	224320.765	809.888	MAGS
7	112+20.94	786.43	LT	286040.549	224416.163	812.06	MAGS
13	114+35.33	47.9	LT	285291.076	224159.606	821.182	IPINS
14	116+91.12	32.188	LT	285029.941	224045.046	852.548	IPINS
15	120+46.44	15.76	RT	284818.063	224226.37	863.776	IPINS
16	124+63.23	17.742	RT	284574.48	224564.582	882.015	IPINS
20	113+30.90	122.163	LT	285439.41	224112.891	821.456	IPINS
22	113+28.61	259.754	LT	285551.835	224192.246	796.259	IPINS
23	113+26.39	234.954	LT	285533.125	224175.817	802.73	IPINS
24	112+76.38	488.68	LT	285767.467	224285.187	810.078	IPINS
25	120+46.56	15.76	RT	284817.991	224226.47	863.8	IPINS
32	101+96.16	22.222	LT	286025.453	223135.57	825.953	IPINS
33	98+68.86	24.003	RT	286219.845	222877.767	828.375	IPINS
34	95+94.05	20.817	LT	286438.052	222900.235	819.783	IPINS
36	93+33.15	59.022	LT	286629.858	222719.299	818.308	IPINS
37	91+30.21	17.215	RT	286695.947	222512.834	823.723	IPINS
38	91+30.22	17.225	RT	286695.936	222512.832	823.725	IPINS
72	101+96.15	22.215	LT	286025.455	223135.555	825.927	IPINS
73	98+68.86	24.01	RT	286219.852	222877.763	828.359	IPINS
76	93+33.13	59.02	LT	286629.866	222719.285	818.296	IPINS
80	99+11.74	23.539	RT	286155.191	222878.359	831.517	BM
81	89+85.54	21.14	RT	286782.61	222396.927	824.456	BM
84	121+85.94	19.423	RT	284734.095	224337.826	872.865	BM

■ -LIMITS OF RESURFACING



SCHEMATIC PLAN
 STA. 109+00.00 TO STA. 133+92.57

DESIGN AGENCY



DESIGNER

TLS

REVIEWER

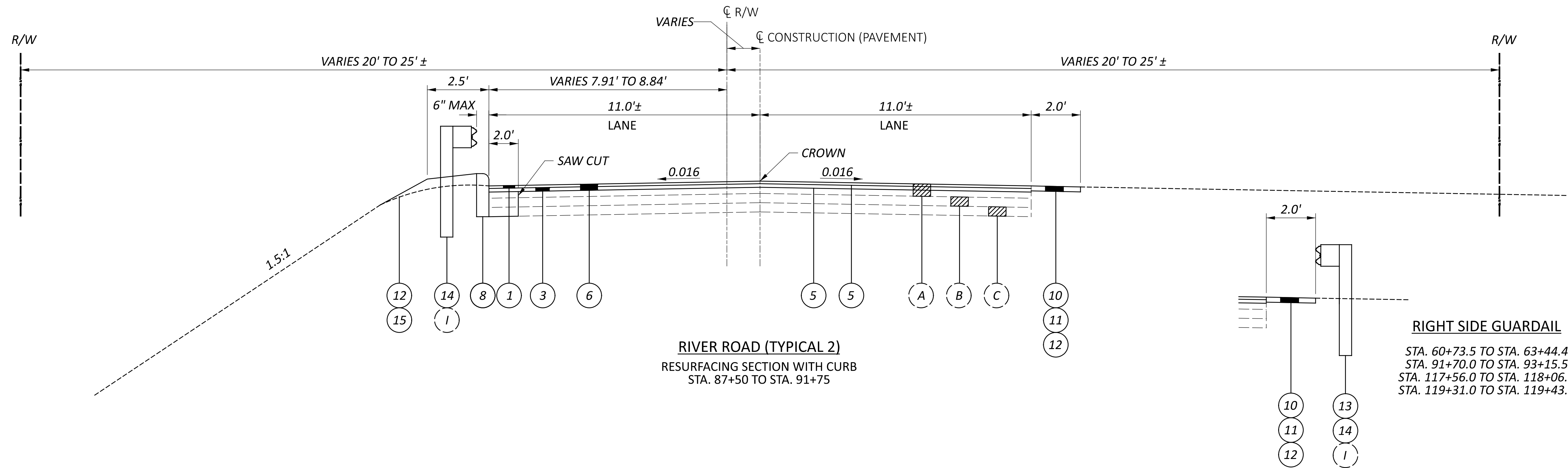
JMP 11/14/24

PROJECT ID

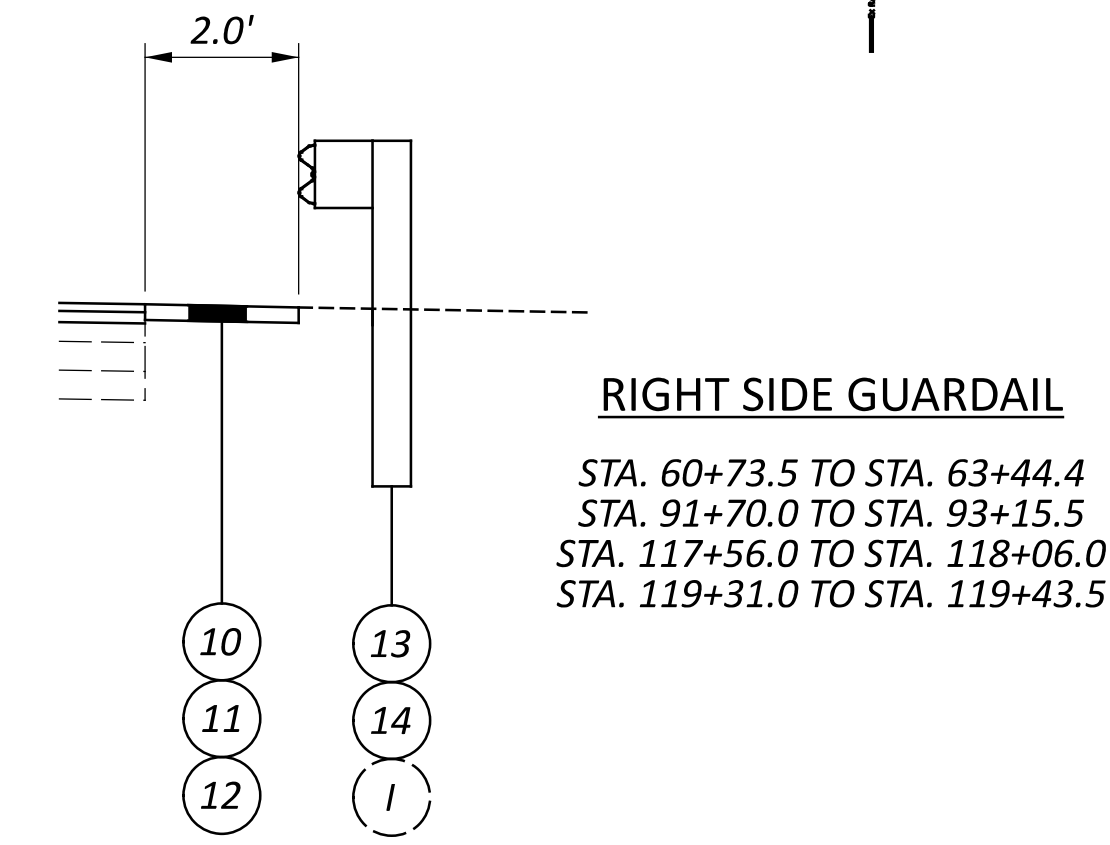
117379

SHEET TOTAL

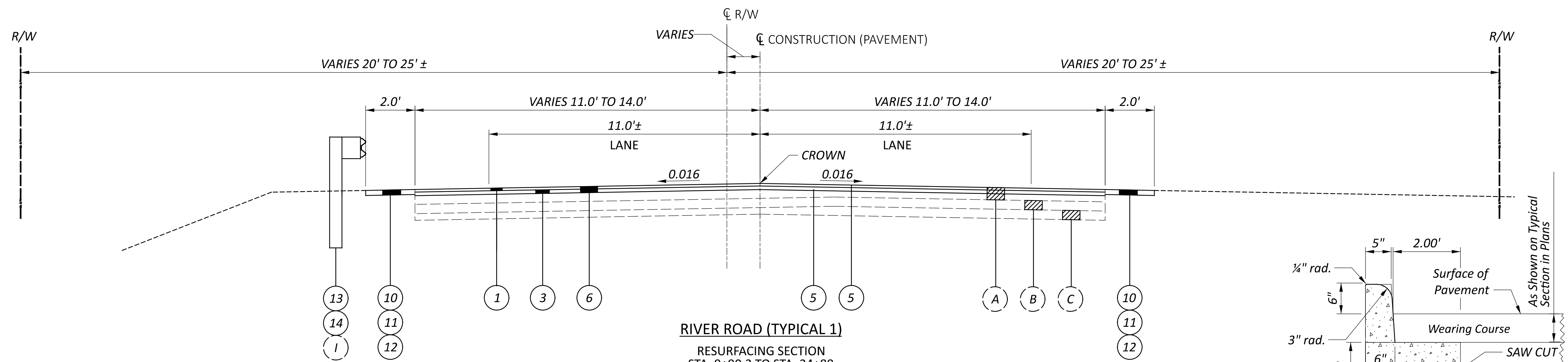
P.04 50



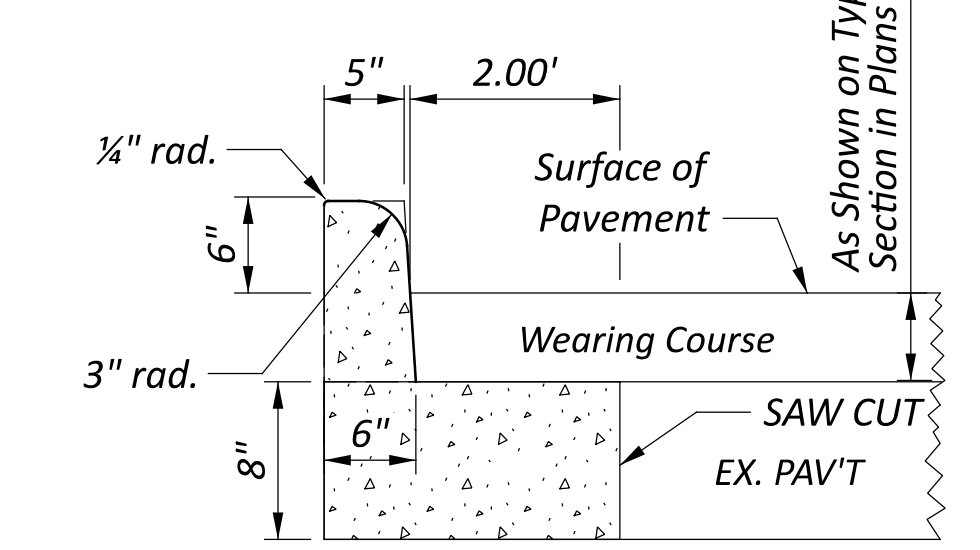
RIVER ROAD (TYPICAL 2)
RESURFACING SECTION WITH CURB
STA. 87+50 TO STA. 91+75



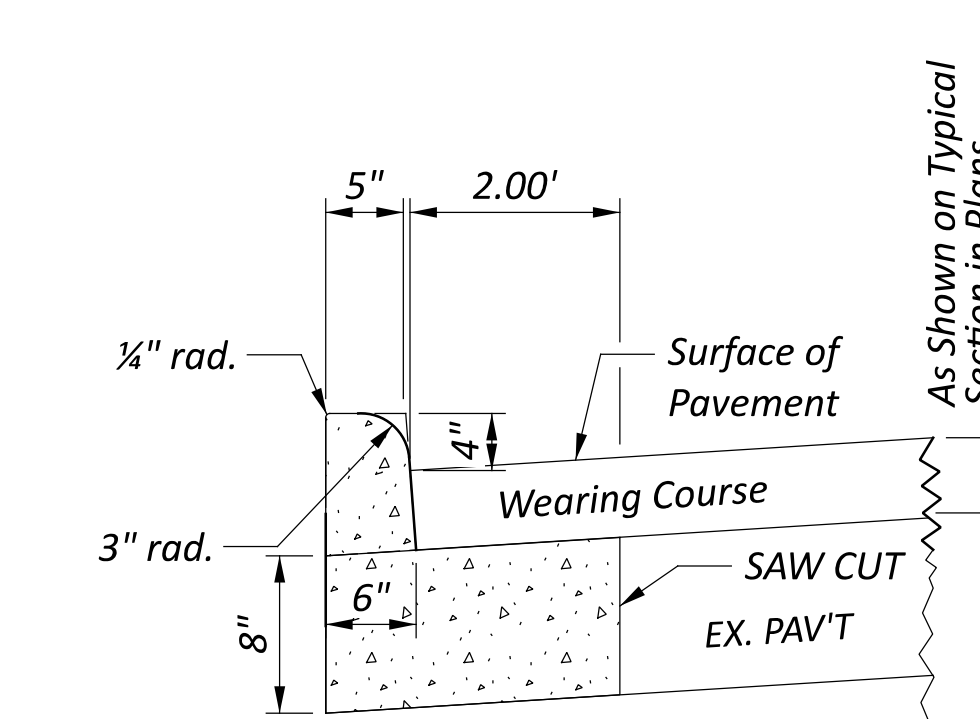
RIGHT SIDE GUARDRAIL
STA. 60+73.5 TO STA. 63+44.4
STA. 91+70.0 TO STA. 93+15.5
STA. 117+56.0 TO STA. 118+06.0
STA. 119+31.0 TO STA. 119+43.5



RIVER ROAD (TYPICAL 1)
RESURFACING SECTION
STA. 9+90.3 TO STA. 24+88
STA. 26+55 TO STA. 87+50
STA. 91+75 TO STA. 96+97.80
E. MCGAFFNEY AVENUE
STA. 113+60.6 TO STA. 117+24.0



CURB TYPE 2-B, AS PER PLAN

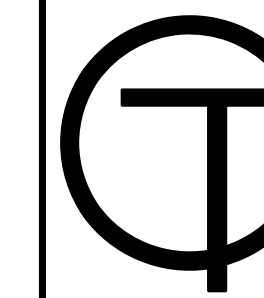


CURB TYPE 4-B, AS PER PLAN

LEGEND

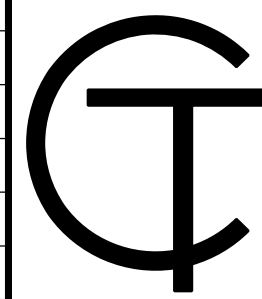
- | | | |
|--|---|---|
| (A) EXISTING ASPHALT PAVEMENT (T= VARIES 3" TO 5") | (1) ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22, (T = 1.25") | (11) ITEM 408 - PRIME COAT, AS PER PLAN |
| (B) EXISTING MACADAM PAVEMENT (T = VARIES 3" TO 5") | (2) ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22, (T = 1.5") | (12) ITEM 209 - LINEAR GRADING |
| (C) EXISTING GRAVEL BASE (T= VARIES) | (3) ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (T = 1.75") | (13) ITEM 209 - RESHAPING UNDER GUARDRAIL |
| (D) EXISTING ASPHALT PAVEMENT (T= VARIES 5.75" TO 7.75") | (4) ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (T = 0.5") | (14) ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS |
| (E) EXISTING ASPHALT PAVEMENT (T= VARIES 5" TO 6.5") | (5) ITEM 407 - NON TRACKING TACK COAT (0.08 GAL/SY MILLED SURFACE, 0.05 GAL/SY INTERMEDIATE COURSE) | (15) ITEM 659 - SEEDING AND MULCHING |
| (F) EXISTING BRICK PAVEMENT | (6) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3") | |
| (G) EXISTING CURB | (7) ITEM 254 - PAVEMENT PLANING, AS PER PLAN, ASPHALT CONCRETE (T = 2") | |
| (H) EXISTING SIDEWALK | (8) ITEM 609 - CURB, TYPE 2-B, AS PER PLAN | |
| (I) EXISTING GUARDRAIL | (9) ITEM 609 - CURB, TYPE 4-B, AS PER PLAN | |
| | (10) ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN, (T = 2") | |

THE REQUIREMENTS OF BP-5.1 SHALL APPLY



SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
8	9	14	15	16	17	18					01/MPO/ 05/LOWE	ITEM	EXT	TOTAL			
ROADWAY																	
LS											LS	201	11000	LS		CLEARING AND GRUBBING	
		705				48					753	202	23000	753	SY	PAVEMENT REMOVED	
			1,555								1,555	202	30000	1,555	SF	WALK REMOVED	
		2,748									2,748	202	32000	2,748	FT	CURB REMOVED	
		9,309									9,309	202	38000	9,309	FT	GUARDRAIL REMOVED	
	92										92	203	10000	92	CY	EXCAVATION	
95											95	203	10000	95	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
						52					52	204	10000	52	SY	SUBGRADE COMPACTION	
					104						104	209	15000	104	STA	RESHAPING UNDER GUARDRAIL	
					205						205	209	60200	205	STA	LINEAR GRADING	
											9,475	606	15100	9,475	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
											6	606	26050	6	EACH	ANCHOR ASSEMBLY, MGS TYPE B	8
											6	606	26150	6	EACH	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016)	8
											6	606	26550	6	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											908	608	10000	908	SF	4" CONCRETE WALK	
											562	608	52000	562	SF	CURB RAMP	
											1	623	39500	1	EACH	MONUMENT ASSEMBLY ADJUSTED TO GRADE	
EROSION CONTROL																	
		8									8	601	32304	8	CY	ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC	
	2										2	659	00100	2	EACH	SOIL ANALYSIS TEST	
	200										200	659	00300	200	CY	TOPSOIL	
	1,800										1,800	659	10000	1,800	SY	SEEDING AND MULCHING	
	0.26										0.26	659	20000	0.26	TON	COMMERCIAL FERTILIZER	
	0.38										0.38	659	31000	0.38	ACRE	LIME	
	11										11	659	35000	11	MGAL	WATER	
	5,000										5,000	832	30000	5,000	EACH	EROSION CONTROL	
DRAINAGE																	
		17									17	611	98630	17	EACH	CATCH BASIN ADJUSTED TO GRADE	
		10									10	611	99654	10	EACH	MANHOLE ADJUSTED TO GRADE	
PAVEMENT																	
	1,700										1,700	251	01001	1,700	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	9
	1,700										1,700	253	01000	1,700	SY	PAVEMENT REPAIR	
											4,123	254	01000	4,123	SY	PAVEMENT PLANING, ASPHALT CONCRETE, (T=2")	
											31,482	254	01000	31,482	SY	PAVEMENT PLANING, ASPHALT CONCRETE, (T=3")	
											1,793	254	01600	1,793	SY	PATCHING PLANED SURFACE	
		3,173				164					3,337	255	20000	3,337	FT	FULL DEPTH PAVEMENT SAWING	
	95										95	304	20000	95	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)	
											4,653	407	20000	4,653	GAL	NON-TRACKING TACK COAT	
											1,546	408	10001	1,546	GAL	PRIME COAT, AS PER PLAN	9
	10										10	411	10000	10	CY	STABILIZED CRUSHED AGGREGATE	
											1,277	441	50101	1,277	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22	9
											59	441	50200	59	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
											1,544	441	50300	1,544	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	
	10										10	441	70501	10	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN	9
											52	452	10050	52	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	
											1,773	609	16001	1,773	FT	CURB, TYPE 2-B, AS PER PLAN	5
											1,400	609	24501	1,400	FT	CURB, TYPE 4-B, AS PER PLAN	5
											215	617	10101	215	CY	COMPACTED AGGREGATE, AS PER PLAN	9
											6	618	39000	6	EACH	RUMBLE STRIPS, TRANSVERSE (ASPHALT CONCRETE)	
	6										12,136	874	20000	12,136	FT	LONGITUDINAL JOINT PREPARATION	

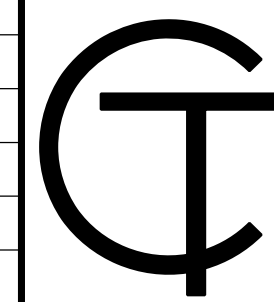
GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 TLS
 REVIEWER
 JMP 11/14/24
 PROJECT ID
 117379
 SHEET TOTAL
 P.12 | 50

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
10	11	14	15	46	47								01/MPO/05/LOWE	EXT	TOTAL				
WATER WORK																			
		4											4	638	10800	4	EACH	VALVE BOX ADJUSTED TO GRADE	
TRAFFIC CONTROL																			
			133										133	614	13312	133	EACH	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL)	
				32									32	630	02100	32	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
				86									86	630	03100	86	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				5									5	630	08600	5	EACH	SIGN POST REFLECTOR	
				54.2									54.2	630	80100	54.2	SF	SIGN, FLAT SHEET	
				3									3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				4									4	630	85200	4	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY	
				5									5	630	86002	5	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				4.34									4.34	646	10010	4.34	MILE	EDGE LINE, 6"	
				2.35									2.35	646	10200	2.35	MILE	CENTER LINE	
				153									153	646	10400	153	FT	STOP LINE	
				528									528	646	10510	528	FT	CROSSWALK LINE, 12"	
				2									2	646	20000	2	EACH	RAILROAD SYMBOL MARKING	
MAINTENANCE OF TRAFFIC																			
	80												80	614	11111	80	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN	
20													20	614	12460	20	EACH	WORK ZONE MARKING SIGN	
10													10	614	13000	10	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
2.28													2.28	614	21100	2.28	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
4.56													4.56	614	21550	4.56	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
3.9													3.9	614	22110	3.9	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
7.8													7.8	614	22360	7.8	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
110													110	614	26200	110	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
220													220	614	26610	220	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
INCIDENTALS																			
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													8	619	16010	8	MNTH	FIELD OFFICE, TYPE B	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

TLS

REVIEWER

JMP 11/14/24

PROJECT ID

117379

SHEET TOTAL

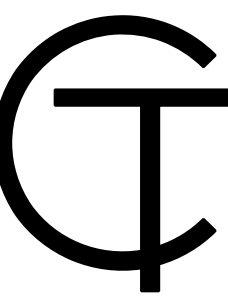
P.13 | 50

MAH-RIVER/MCGAFFNEY/JACKSON

MODEL: Sheet_PAPER: 34x22 (in.) DATE: 2/17/2025 TIME: 9:03:06 AM USER: somogyi
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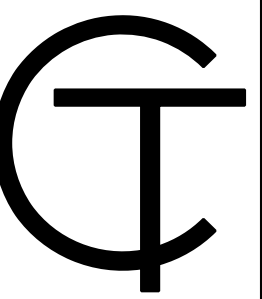
REF NO.	SHEET NO.	STATION TO STATION		SIDE	202	202	202	203	252		601	611	611			618		638											
					TO																								
					GUARDRAIL REMOVED FT	CURB REMOVED FT	PAVEMENT REMOVED SY	EXCAVATION CY	FULL DEPTH PAVEMENT SAWING FT		ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC CY	CATCH BASIN ADJUSTED TO GRADE EACH	MANHOLE ADJUSTED TO GRADE EACH			RUMBLE STRIPS, TRANSVERSE (ASPHALT CONCRETE) EACH		VALVE BOX ADJUSTED TO GRADE EACH											
R-1	19	9+90.3		22+05.0	LT	1222																							
R-2	20	27+06.2		51+54.5	LT	2445																							
R-3	23	52+13.8		93+13.6	LT	4110																							
R-4	24	62+22.3		63+26.5	RT	100																							
R-5	29	92+61.6		93+15.6	RT	57																							
R-6	34	117+87.3		117+99.8	LT	12.5																							
R-7	35	119+37.9		131+96.2	LT	1260																							
R-8	37	132+36.8		132+89.3	LT	52.5																							
R-9	34	114+51.5		114+91.1	LT	50																							
RC-1	28	87+50.0		91+75.0	LT			94	16	425																			
RC-2	31	99+53.9		101+65.2	RT		225	50	6	225																			
RC-3	31	101+90.1		104+48.4	RT		281	62	7	281																			
RC-4	32	104+77.4		107+36.9	RT		283	63	7	283																			
RC-5	32	107+57.9		110+03.3	RT		269	60	7	269																			
RC-6	33	110+32.8		113+60.6	RT		342	76	8	342																			
RC-7	35	119+37.9		132+84.3	LT		1348	300	41	1348																			
D-1	19	13+58.9			LT								1																
D-2	30	98+67.7			LT								1																
D-3	30	98+97.5			RT								1																
D-4	30	99+04.9			RT								1																
D-5	31	99+29.7			LT							1																	
D-6	31	101+77.8			LT							1																	
D-7	31	101+89.9			LT								1																
D-8	31	101+90.6			RT								1																
D-9	31	102+02.5			RT								1																
D-10	32	104+44.8			RT								1																
D-11	32	104+61.6			RT								1																
D-12	32	104+64.2			LT								1																
D-13	32	104+96.0			RT								1																
D-14	32	107+48.4			RT								1																
D-15	32	107+58.5			LT								1																
D-16	32	107+69.5			RT								1																
D-17	33	110+22.8			RT								1																
D-18	33	110+60.3			RT								1																
D-19	33	113+04.8			RT								1																
D-20	33	113+55.4			RT								1																
D-21	34	118+29.3			LT								1																
D-22	34	118+60.1			LT								1																
D-23	36	126+61.2			RT								1																
D-24	36	126+61.6			LT								1																
D-25	37	132+26.4			RT								1																
D-26	28	89+67.0			LT						4.4																		
D-27	28	91+77.0			LT						2.8																		
D-28	33	113+56.4			LT								1																
D-29	34	115+18.1			RT								1																
W-1	30	98+74.0			LT													1											
W-2	30	98+97.4			RT													1											
W-3	30	99+01.5			RT													1											
W-4	30	99+18.9			RT													1											
RS-1	20	20+39.0		20+53.3	RT											1													
RS-2	20	21+83.3		21+97.7	RT											1													
RS-3	20	23+27.7		23+42.0	RT											1													
RS-4	21	28+20.0		28+34.3	LT											1													
RS-5	21	29+64.3		29+78.7	LT											1													
RS-6	21	31+08.7		31+23.0	LT											1													
TOTALS CARRIED TO GENERAL SUMMARY						9309	2748	705	92	3173		8	17	10			6		4										

ROADWAY/DRAINAGE SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 TLS
 REVIEWER
 JMP 11/14/24
 PROJECT ID
 117379
 SHEET TOTAL
 P.14 | 50

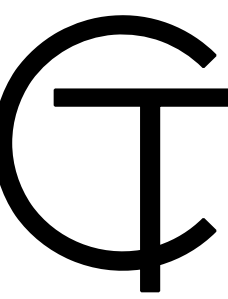
REF NO.	SHEET NO.	STATION TO STATION		SIDE	202	606	606	606	606	608	608	623	626																
					WALK REMOVED	GUARDRAIL, TYPE MGS	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016	ANCHOR ASSEMBLY, MGS TYPE T	ANCHOR ASSEMBLY, MGS TYPE B	4" CONCRETE WALK	CURB RAMP	MONUMENT ASSEMBLY ADJUSTED TO GRADE	BARRIER REFLECTOR, TYPE 2, (BI-DIRECTIONAL)	SF	FT	EACH	EACH	EACH	SF	SF	EACH	EACH							
			TO																										
GR-1	19	9+90.3	22+02.5	LT		1162.5	1						15																
GR-2	20	27+03.4	93+25.2	LT		6625	1	1					91																
GR-3	24	60+73.5	63+44.4	RT		212.5	1	1					6																
GR-4	29	91+66.0	93+16.0	RT		87.5	1	1					3																
GR-5	34	117+56.0	118+06.0	RT			1						1																
GR-6	34	118+06.0	118+22.0	LT				1					1																
GR-7	35	119+31.0	119+43.5	RT				1					1																
GR-8	35	119+37.9	132+84.4	LT		1312.5			1				15																
GR-9	34			LT		75.0	1	1																					
MN-1	30	98+97.35		RT								1																	
CR-1	39				168					60	108																		
CR-2	39				147					75	72																		
CR-3	40																												
CR-4	40				220					62	72																		
CR-5	41																												
CR-6	41																												
CR-7	42				152					110	42																		
CR-8	42				156					126	30																		
CR-9	43				184					136	48																		
CR-10	43				157					122	36																		
CR-11	44				118					85	33																		
CR-12	44				111					46	65																		
CR-13	45				68					36	32																		
CR-14	45				74					50	24																		
TOTALS CARRIED TO GENERAL SUMMARY					1555	9475	6	6	1	908	562	1	133																

ROADWAY/DRAINAGE SUBSUMMARY

DESIGN AGENCY

 DESIGNER: TLS
 REVIEWER: JMP 11/14/24
 PROJECT ID: 117379
 SHEET TOTAL: P.15 | 50

STATION RANGE			TYPICAL SECTION	SIDE	LENGTH	AVERAGE WIDTH	CALCULATED SURFACE AREA	CADD GENERATED SURFACE AREA	254			407		441		441		874	
										PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, (T=2")	PAVEMENT PLANING, ASPHALT CONCRETE, (T=3")	PATCHING PLAINED SURFACE	NON-TRACKING TACK COAT @ 0.08 GAL/SY	NON-TRACKING TACK COAT @ 0.05 GAL/SY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22, (T=1.25")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22, (T=1.5")	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (T=0.5")	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (T=1.75")	LONGITUDINAL JOINT PREPARATION
					FT	FT	SF	SF	SY	SY	SY	GAL	GAL	CY	CY	CY	CY	FT	
LOWELLVILLE ROAD																			
9+90.3	TO	13+00.0	1	LT/RT	309.7	27.9	8652			962	49	77	49	34			47	310	
13+00.0	TO	18+00.0	1	LT/RT	500.0	29.5	14754			1640	82	132	82	57			80	500	
18+00.0	TO	23+00.0	1	LT/RT	500.0	28.7	14326			1592	80	128	80	56			78	500	
23+00.0	TO	24+88.0	1	LT/RT	188.0	27.3	5125			570	29	46	29	20			28	188	
24+88.0	TO	26+55.0	SUSPEND FOR RAILROAD																
26+55.0	TO	28+00.0	1	LT/RT	145.0	29.9	4340			483	25	39	25	17			24	145	
28+00.0	TO	33+00.0	1	LT/RT	500.0	28.5	14248			1584	80	127	80	55			77	500	
33+00.0	TO	38+00.0	1	LT/RT	500.0	28.2	14082			1565	79	126	79	55			77	500	
38+00.0	TO	43+00.0	1	LT/RT	500.0	27.3	13654			1518	76	122	76	53			74	500	
43+00.0	TO	48+00.0	1	LT/RT	500.0	27.9	13945			1550	78	124	78	54			76	500	
48+00.0	TO	53+00.0	1	LT/RT	500.0	28.8	14386			1599	80	128	80	56			78	500	
53+00.0	TO	58+00.0	1	LT/RT	500.0	28.7	14358			1596	80	128	80	56			78	500	
58+00.0	TO	63+00.0	1	LT/RT	500.0	30.6	15296			1700	85	136	85	60			83	500	
63+00.0	TO	68+00.0	1	LT/RT	500.0	30.3	15173			1686	85	135	85	59			82	500	
68+00.0	TO	73+00.0	1	LT/RT	500.0	27.2	13622			1514	76	122	76	53			74	500	
73+00.0	TO	78+00.0	1	LT/RT	500.0	25.3	12656			1407	71	113	71	49			69	500	
78+00.0	TO	83+00.0	1	LT/RT	500.0	23.4	11694			1300	65	104	65	46			64	500	
83+00.0	TO	87+00.0	1	LT/RT	400.0	22.3	8938			994	50	80	50	35			49	400	
87+00.0	TO	92+00.0	1	LT/RT	500.0	22.3	11131			1237	62	99	62	43			61	500	
92+00.0	TO	96+00.0	1	LT/RT	400.0	20.4	8171			908	46	73	46	32			45	400	
INTERSECTION																			
LOWELLVILLE/WASHINGTON																			
96+00.0	TO	98+04.0	3	LT/RT	204.0	44.6	9102			1012	51	81	51	36			50	204	
98+04.0	TO	98+51.0	SUSPEND FOR RAILROAD																
INTERSECTION																			
WASHINGTON/MCGAFFNEY																			
98+51.0	TO	99+25.0	3	LT/RT	74.0	39.7	2935			327	17	27	17	12			16	74	
E. MCGAFFNEY STREET																			
99+25.0	TO	104+00.0	4	LT/RT	475.0	26.2	12425	1381		70		111	70	58	20			475	
104+00.0	TO	109+00.0	4	LT/RT	500.0	26.3	13128	1459		73		117	73	61	21			500	
109+00.0	TO	113+60.6	4	LT/RT	460.6	25.1	11547	1283		65		103	65	54	18			461	
113+60.6	TO	117+24.0	1	LT/RT	363.4	31.4	11404		1268	64		102	64	44			62	363	
JACKSON STREET																			
117+24.0	TO	119+00.0	5	LT/RT	176.0	29.9	5259			585	30	47	30	21			29	176	
119+00.0	TO	127+50.0	5	LT/RT	850.0	14.2	12037			1338	67	108	67	47			66	850	
127+50.0	TO	132+50.0	5	LT/RT	500.0	23.7	11850			1317	66	106	66	46			65	500	
132+50.0	TO	133+40.3	5	LT/RT	90.3	22.9	2064			230	12	19	12	8			12	90	
TOTALS CARRIED TO GENERAL SUMMARY									4123	31482	1793	4653		1277		59	1544	12136	

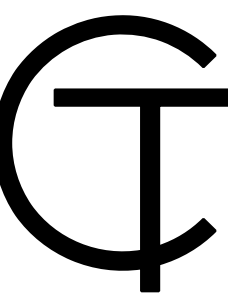
PAVEMENT CALCULATIONS

DESIGN AGENCY

 DESIGNER
 TLS
 REVIEWER
 JMP 11/14/24
 PROJECT ID
 117379
 SHEET TOTAL
 P.16 | 50

STATION RANGE			TYPICAL SECTION	SIDE	LENGTH	AVERAGE GRADED WIDTH	AVERAGE TREATED WIDTH	TREATED SURFACE AREA	209		408		609		609		617	
									LINEAR GRADING	RESHAPING UNDER GUARDRAIL	PRIME COAT, AS PER PLAN @ 0.4 GAL/SY	CURB, TYPE 2-B, AS PER PLAN	CURB, TYPE 4-B, AS PER PLAN	COMPACTED AGGREGATE, AS PER PLAN, (T=2")				
					FT	FT	FT	SF	STA	STA	GAL	FT	FT			CY		
LOWELLVILLE ROAD																		
9+90.3	TO	24+88.0	1	LT	1497.7	4	2	2995.4	15.0	15.0	133						18.5	
24+88.0	TO	26+55.0		LT	167.0	SUSPEND FOR RAILROAD												
26+55.0	TO	87+50.0	1	LT	6095.0	4	2	12190	61.0	61.0	542						75.2	
87+50.0	TO	91+75.0	2	LT	425.0	2			4.3	4.3		425						
91+75.0	TO	96+17.5	1	LT	442.5	4	2	885	4.4	4.4	39						5.5	
10+00.0	TO	24+88.0	1	RT	1488.0	4	2	2976	14.9		133						18.4	
24+88.0	TO	26+55.0		RT	167.0	SUSPEND FOR RAILROAD												
26+55.0	TO	60+73.5	1	RT	3418.5	4	2	6837	34.2		304						42.2	
60+73.5	TO	63+45.0	1	RT	271.5	4	2	543	2.7	2.7	25						3.4	
63+45.0	TO	91+70.5	1	RT	2825.5	4	2	5651	28.3		252						34.9	
91+70.5	TO	93+16.0	1	RT	145.5	4	2	291	1.5	1.5	13						1.8	
93+16.0	TO	96+40.0	1	RT	324.0	4	2	648	3.2		29						4.0	
E. MCGAFFNEY STREET																		
99+53.9	TO	101+65.2	4	RT	211.3	3			2.1			225						
101+90.1	TO	104+48.4	4	RT	258.3	3			2.6			281						
104+77.4	TO	107+36.8	4	RT	259.4	3			2.6			283						
107+57.9	TO	110+10.8	4	RT	252.9	3			2.5			269						
110+22.8	TO	113+60.6	4	RT	337.8	3			3.4			342						
113+60.6	TO	117+24.0	1	RT	363.4	4	2	726.8	3.6		33						4.5	
113+60.6	TO	117+24.0	1	LT	363.4	4	2	726.8	3.6	1.4	33						4.5	
JACKSON STREET																		
119+37.9	TO	132+84.3	5	LT	1346.4	4			13.5	13.5		1348						
132+84.3	TO	133+40.3	5	LT	56.0	4	2	112	0.6		5						0.7	
132+84.3	TO	133+40.3	5	RT	56.0	4	2	112	0.6		5						0.7	
TOTALS CARRIED TO GENERAL SUMMARY									205	104	1546	1773	1400			215		

PAVEMENT CALCULATIONS

DESIGN AGENCY

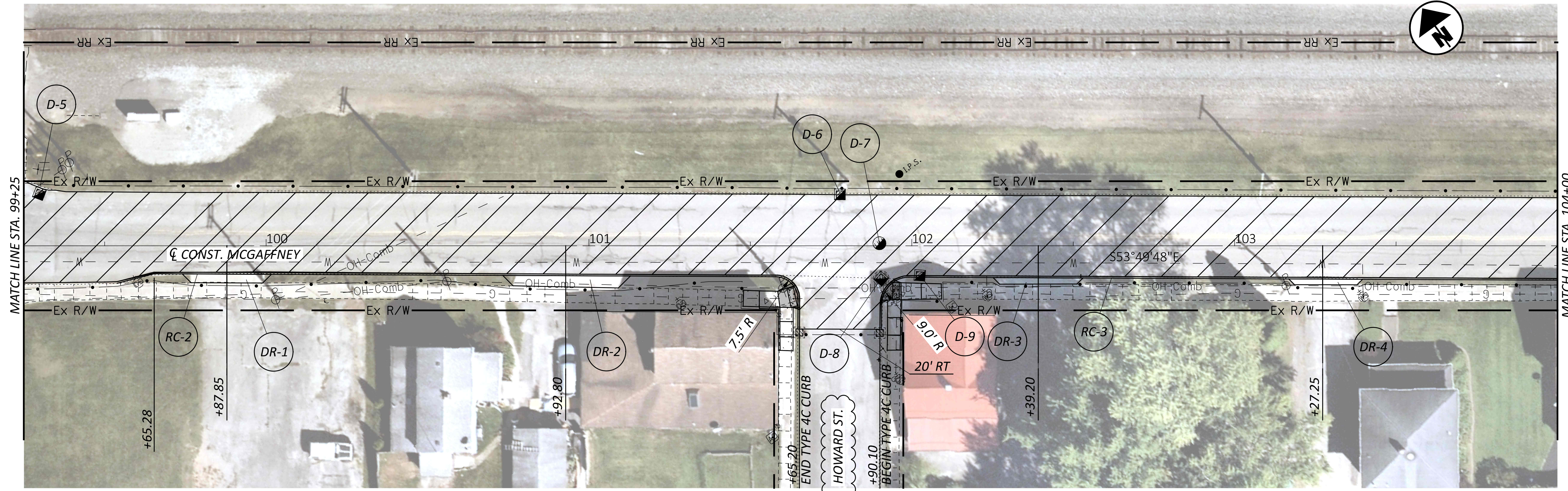






DESIGNER
 TLS

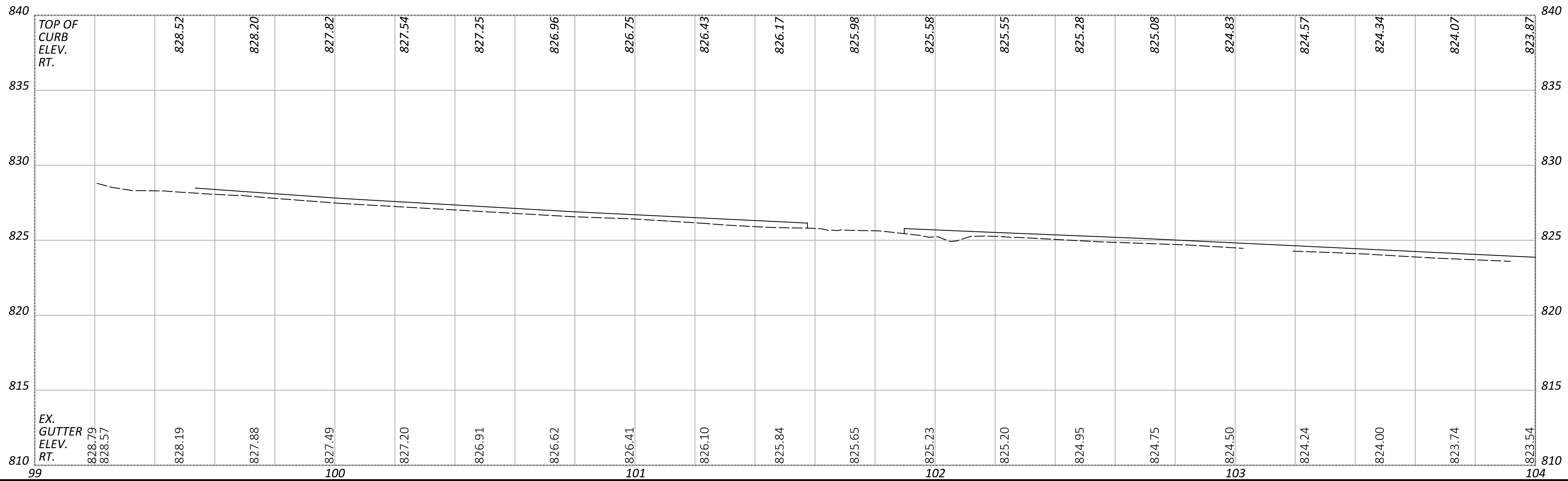
REVIEWER
 JMP 11/14/24

PROJECT ID
 117379

SHEET TOTAL
 P.17 50

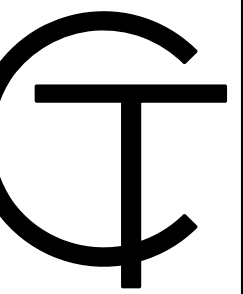


-  - LIMITS OF RESURFACING
-  - STORM MANHOLE ADJUSTED TO GRADE
-  - WATER VALVE ADJUSTED TO GRADE
-  - CATCH BASIN ADJUSTED TO GRADE

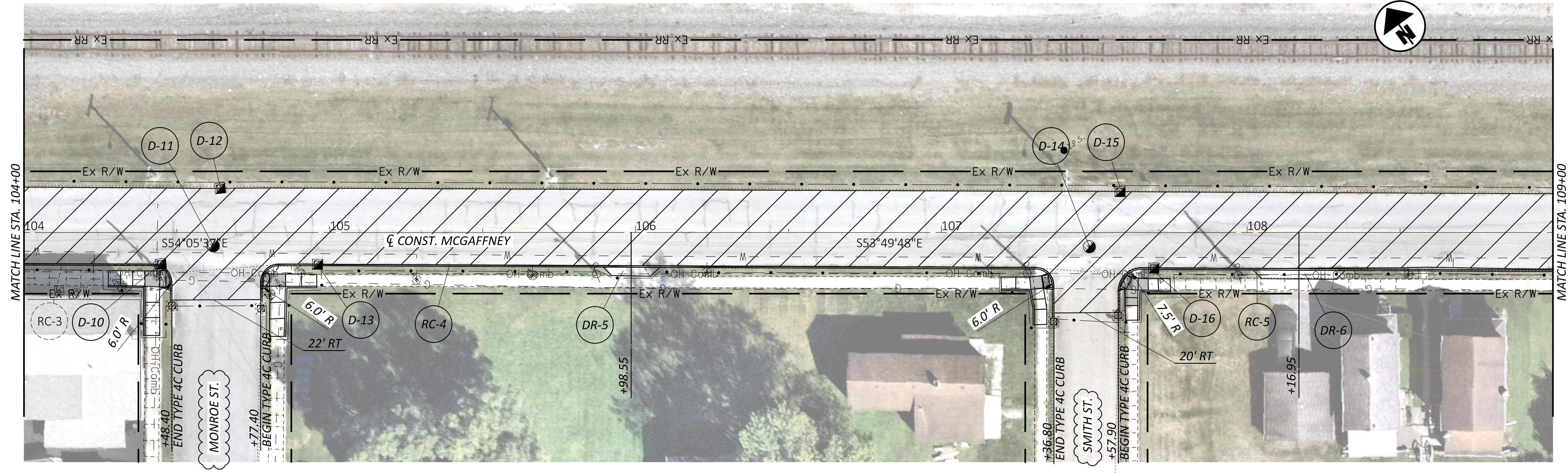






MCGAFFNEY - PLAN AND PROFILE
STA. 99+25.00 TO STA. 104+00.00

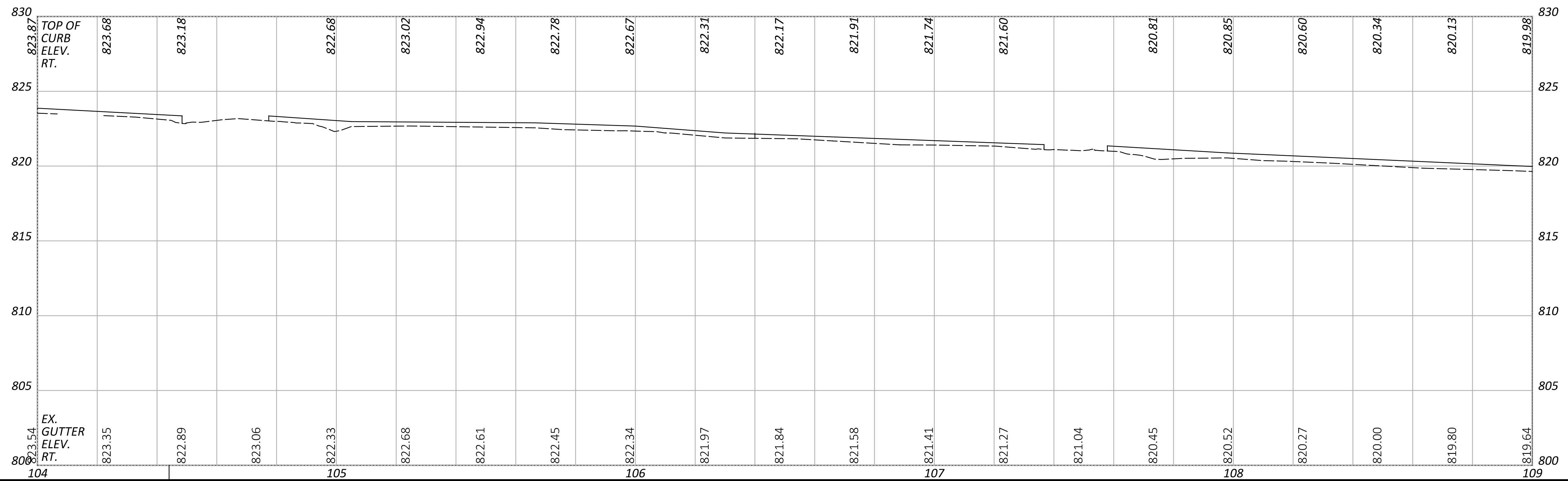
DESIGN AGENCY



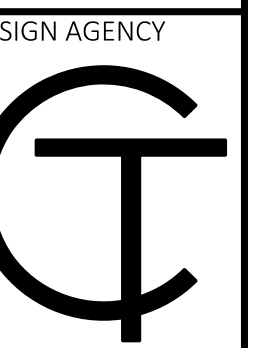
DESIGNER	TLS
REVIEWER	JMP 11/14/24
PROJECT ID	117379
SHEET	P.31
TOTAL	50

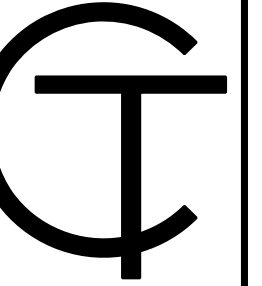


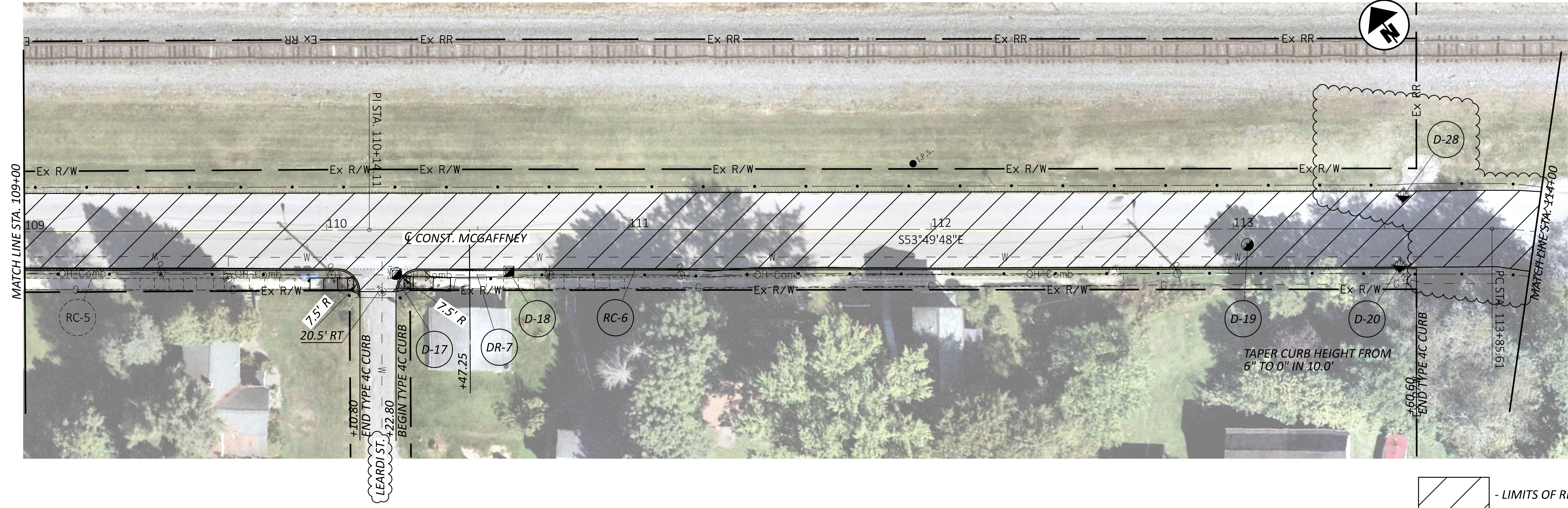
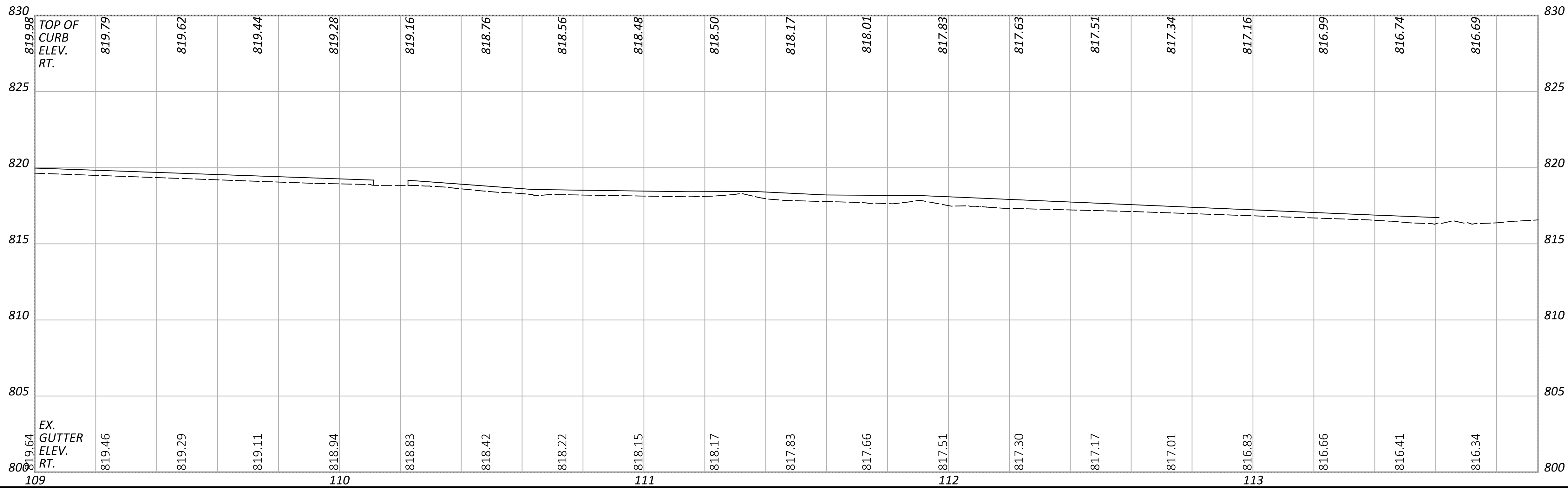
-  - LIMITS OF RESURFACING
-  - STORM MANHOLE ADJUSTED TO GRADE
-  - WATER VALVE ADJUSTED TO GRADE
-  - CATCH BASIN ADJUSTED TO GRADE

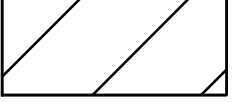





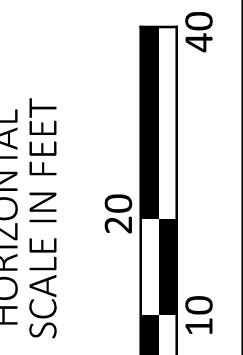
MCGAFFNEY - PLAN AND PROFILE
STA. 104+00.00 TO STA. 109+00.00



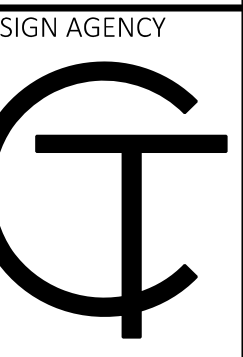
DESIGN AGENCY	
	
DESIGNER	TLS
REVIEWER	JMP 11/14/24
PROJECT ID	117379
SHEET	P.32
TOTAL	50



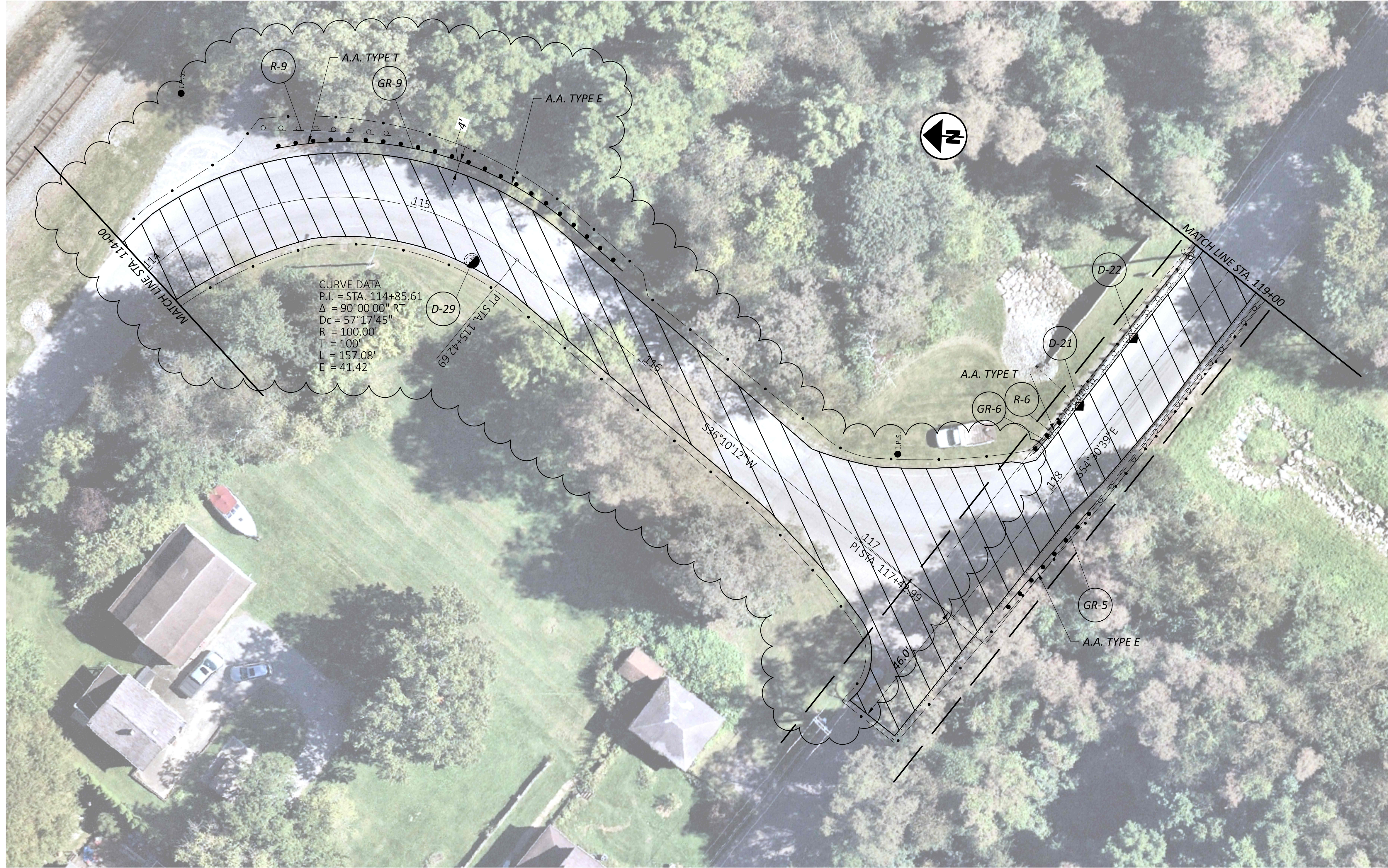
-  - LIMITS OF RESURFACING
-  - STORM MANHOLE ADJUSTED TO GRADE
-  - WATER VALVE ADJUSTED TO GRADE
-  - CATCH BASIN ADJUSTED TO GRADE







MCGAFFNEY - PLAN AND PROFILE
STA. 109+00.00 TO STA. 114+00.00

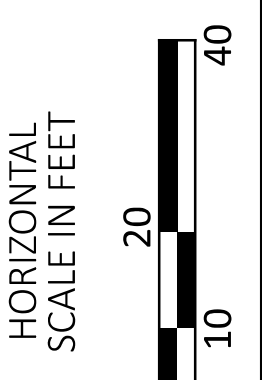


DESIGN AGENCY
DESIGNER
TLS
REVIEWER
JMP 11/14/24
PROJECT ID
117379
SHEET TOTAL
P.33 50



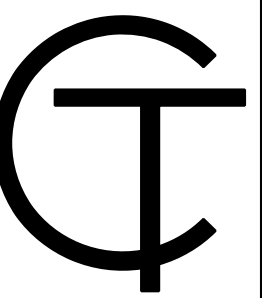
CURVE DATA
 P.I. = STA. 114+85.61
 $\Delta = 90^{\circ}00'00''$, RT
 $D_c = 57^{\circ}17'45''$
 $R = 100.00'$
 $T = 100'$
 $L = 157.08'$
 $E = 41.42'$

-  - LIMITS OF RESURFACING
-  - STORM MANHOLE ADJUSTED TO GRADE
-  - WATER VALVE ADJUSTED TO GRADE
-  - CATCH BASIN ADJUSTED TO GRADE



JACKSON - PLAN AND PROFILE
 STA. 114+00.00 TO STA. 119+00.00

DESIGN AGENCY



DESIGNER
 TLS

REVIEWER
 JMP 11/14/24

PROJECT ID
 117379

SHEET TOTAL
 P.34 | 50

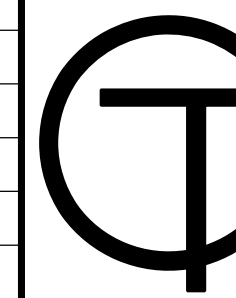
MAH-RIVER/McGAFFNEY/JACKSON

MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 2/17/2025 TIME: 9:14:38 AM USER: somogyi
H:\2023\231577\117379\400-Engineering\Traffic\Sheets\117379_TS002.dgn

REF NO.	SHEET NO.	STATION TO STATION		SIDE	646	646	646	646	646												
					EDGE LINE, 6"	CENTER LINE	STOP LINE	CROSSWALK LINE, 12"	RAILROAD SYMBOL MARKING	MILE	MILE	FT	FT	MILE	EACH						
EL-1	48	9+90.3	TO	25+51.2	LT	0.296															
EL-2	48	9+90.3		26+02.9	RT	0.305															
EL-3	48	25+32.0		25+88.6	LT&RT	0.011															
EL-4	48	25+79.6		26+29.2	LT&RT	0.010															
EL-5	48	25+64.8		95+00	LT	1.313															
EL-6	48	26+14.8		95+00	RT	1.304															
CL-1	48	9+90.3		25+63.2	CL		0.298														
CL-2	48	26+04.4		95+00	CL		1.306														
SL-1	48	25+42		25+42	RT			11													
SL-2	48	26+20		26+20	LT			11													
RM-1	48	24+12			RT						1										
RM-2	48	27+50			LT						1										
EL-5	49	95+00		96+15	LT	0.022															
EL-6	49	95+00		96+15	RT	0.022															
EL-7	49	97+95		98+23	LT	0.005															
EL-8	49	97+95		98+23	RT	0.005															
EL-9	49	98+24		98+24	LT&RT	0.007															
EL-10	49	98+41		98+41	LT&RT	0.007															
EL-11	49	98+42		98+76.9	LT	0.007															
EL-12	49	98+42		98+54	RT	0.002															
EL-13	49	99+23.4		113+60.6	LT	0.272															
EL-14	49	113+60.6		117+24	LT&RT	0.138															
EL-15	49	117+43		133+40.3	LT&RT	0.606															
CL-2	49	95+00		96+64	CL		0.031														
CL-3	49	95+55		96+55	CL		0.019														
CL-4	49	97+15		98+23	CL		0.020														
CL-5	49	98+42		98+65	CL		0.004														
CL-6	49	99+28		99+78	CL		0.009														
CL-7	49	98+22		98+72	CL		0.009														
CL-8	49	99+28		117+24	CL		0.358														
CL-9	49	118+00		133+40.3	CL		0.292														
SL-3	49	96+64		96+74.1	RT			27													
SL-4	49	97+95		97+95	RT			11													
SL-5	49	98+65		98+65	LT			13													
SL-6	49	99+28		99+28	LT			12													
SL-7	49	98+72		98+72	RT			13													
SL-8	49	99+28		99+28	LT			12													
CW-1	49	96+54.9		96+92.9	LT&RT					177											
CW-2	49	98+84.2		98+82.9	LT&RT					58											
CW-3	49	99+18.8		99+12.1	LT&RT					81											
SL-9	50	HOWARD ST.			RT			11													
SL-10	50	MONROE ST.			RT			15													
SL-11	50	SMITH ST.			RT			11													
SL-12	50	LEARDI ST.			RT			6													
CW-4	50	HOWARD ST.			RT					60											
CW-5	50	MONROE ST.			RT					64											
CW-6	50	SMITH ST.			RT					54											
CW-7	50	LEARDI ST.			RT					34											
SHEET TOTAL						4.332	2.346		153	528		2									
TOTALS CARRIED TO SHEET 89						4.34	2.35		153	528		2									

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY



DESIGNER

TLS

REVIEWER

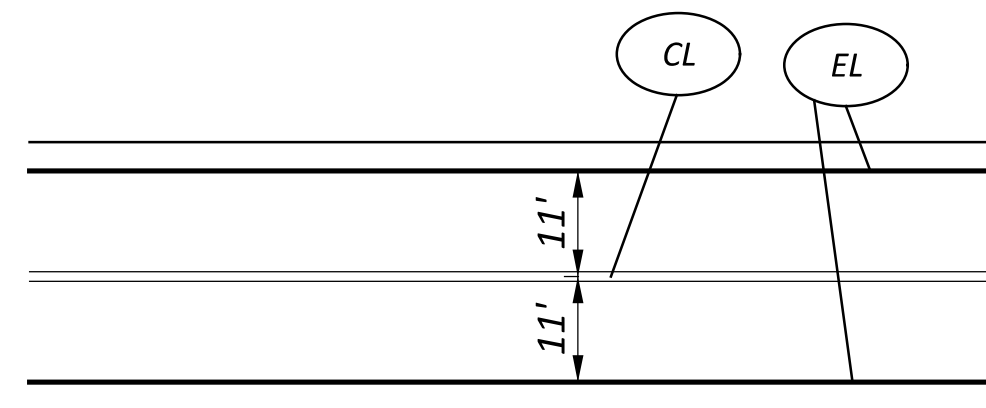
JMP 11/14/24

PROJECT ID

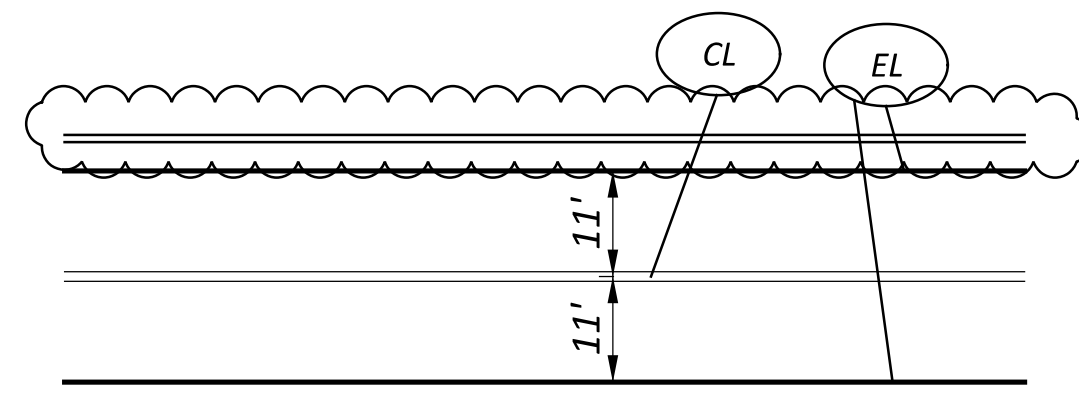
117379

SHEET TOTAL

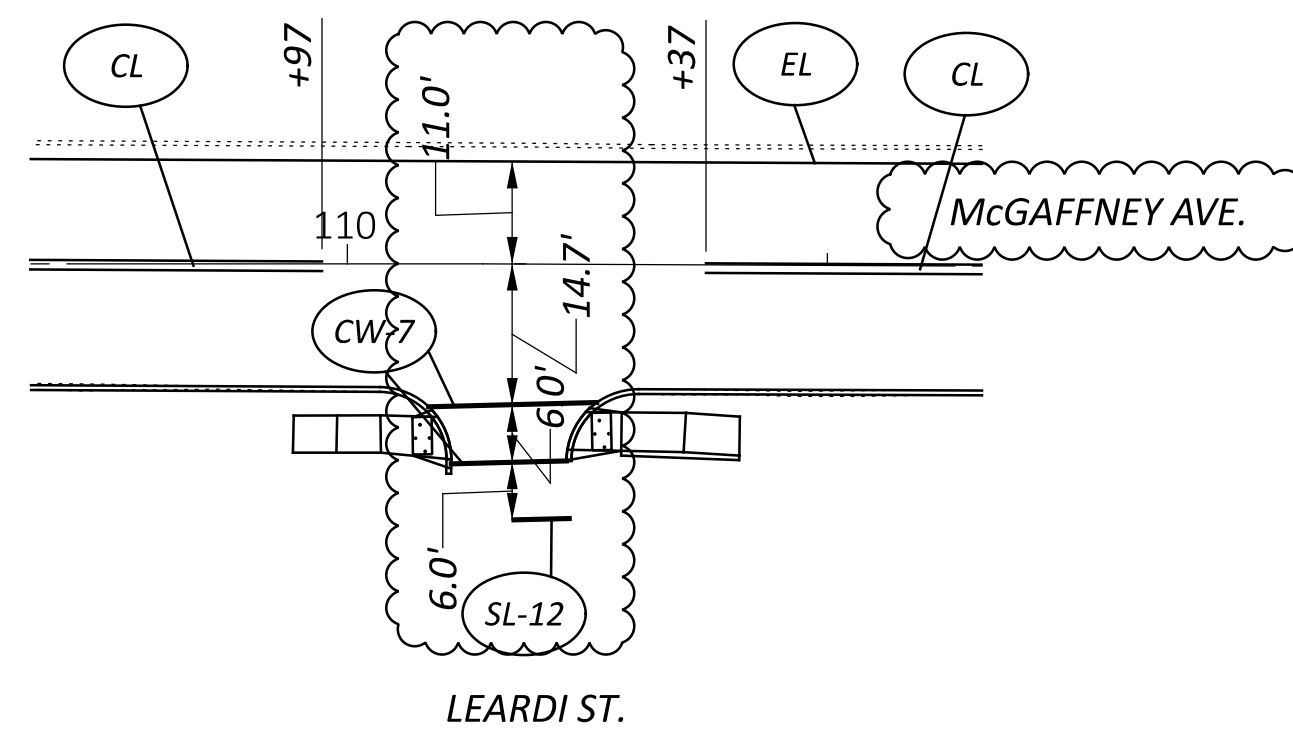
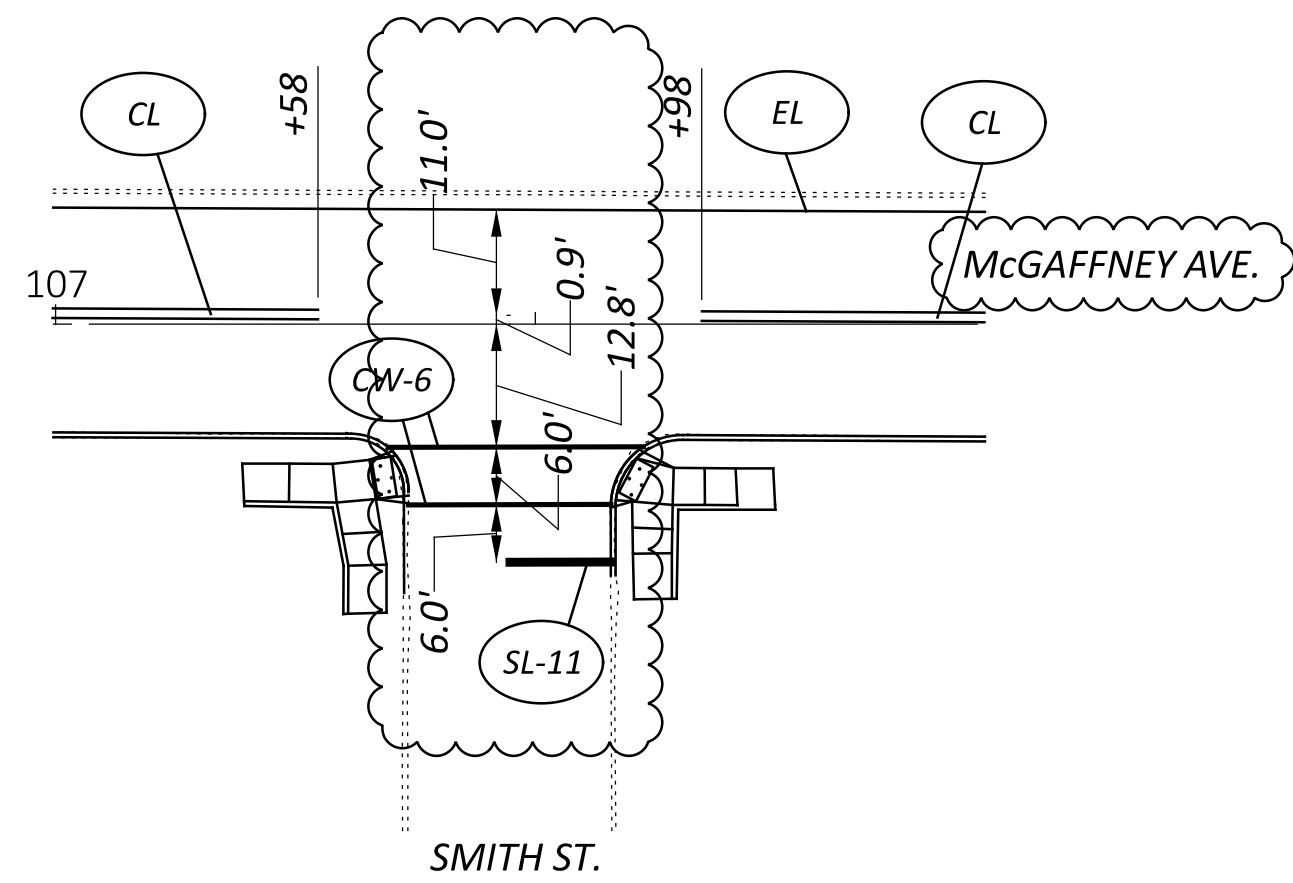
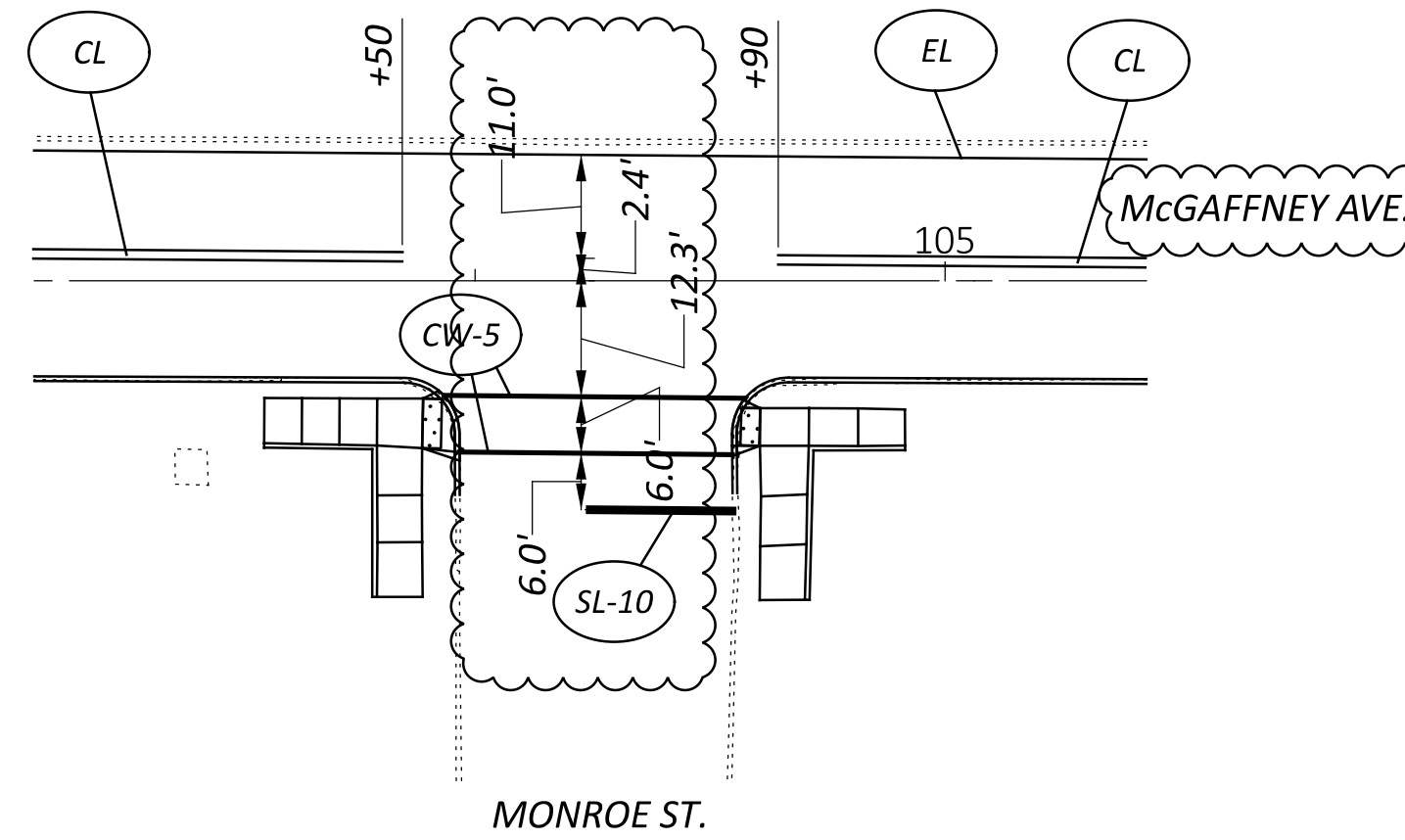
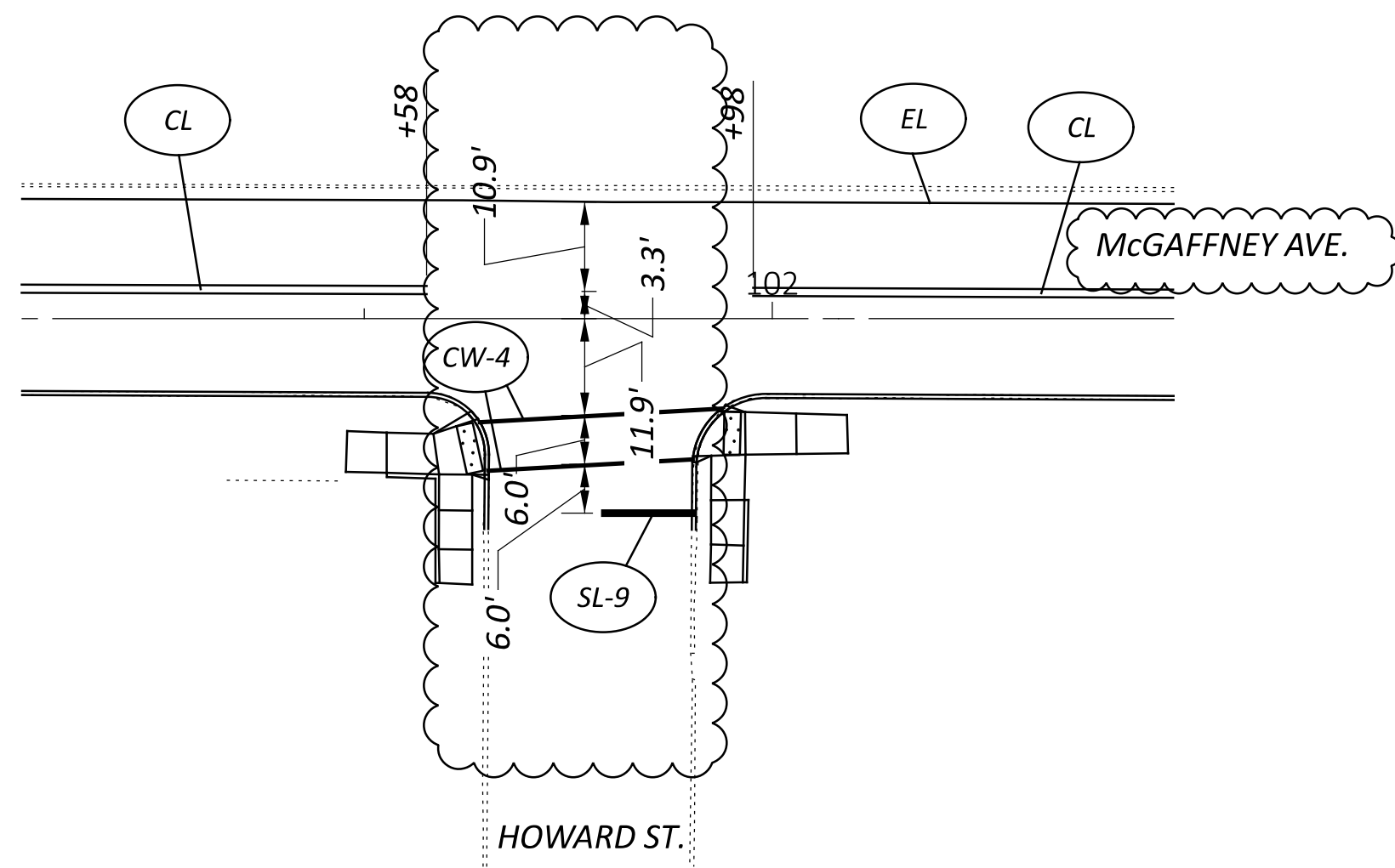
P.47 | 50



RIVER ROAD
 McGAFFNEY AVE (STA. 113+60.6 TO 117+24)
 TYPICAL PAVEMENT MARKINGS



JACKSON STREET
 TYPICAL PAVEMENT MARKINGS



PAVEMENT MARKING LEGEND

- CL ITEM 646 - CENTER LINE, DOUBLE SOLID, 12"
- EL ITEM 646 - EDGE LINE, 6" (WHITE)
- SL ITEM 646 - STOP LINE, 24"
- CW ITEM 646 - CROSSWALK LINE, 12"
- RM ITEM 646 - RAILROAD SYMBOL MARKING

