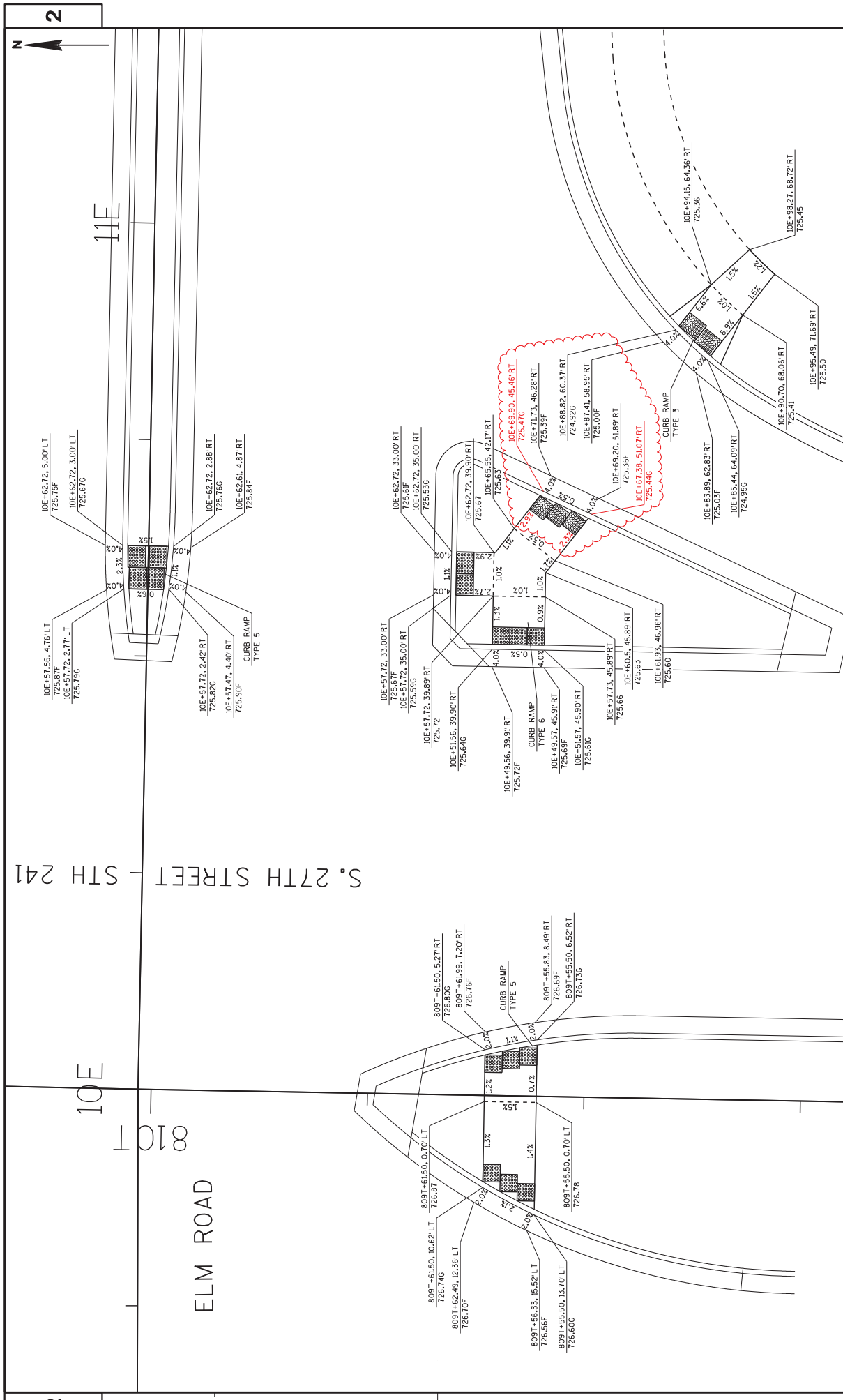
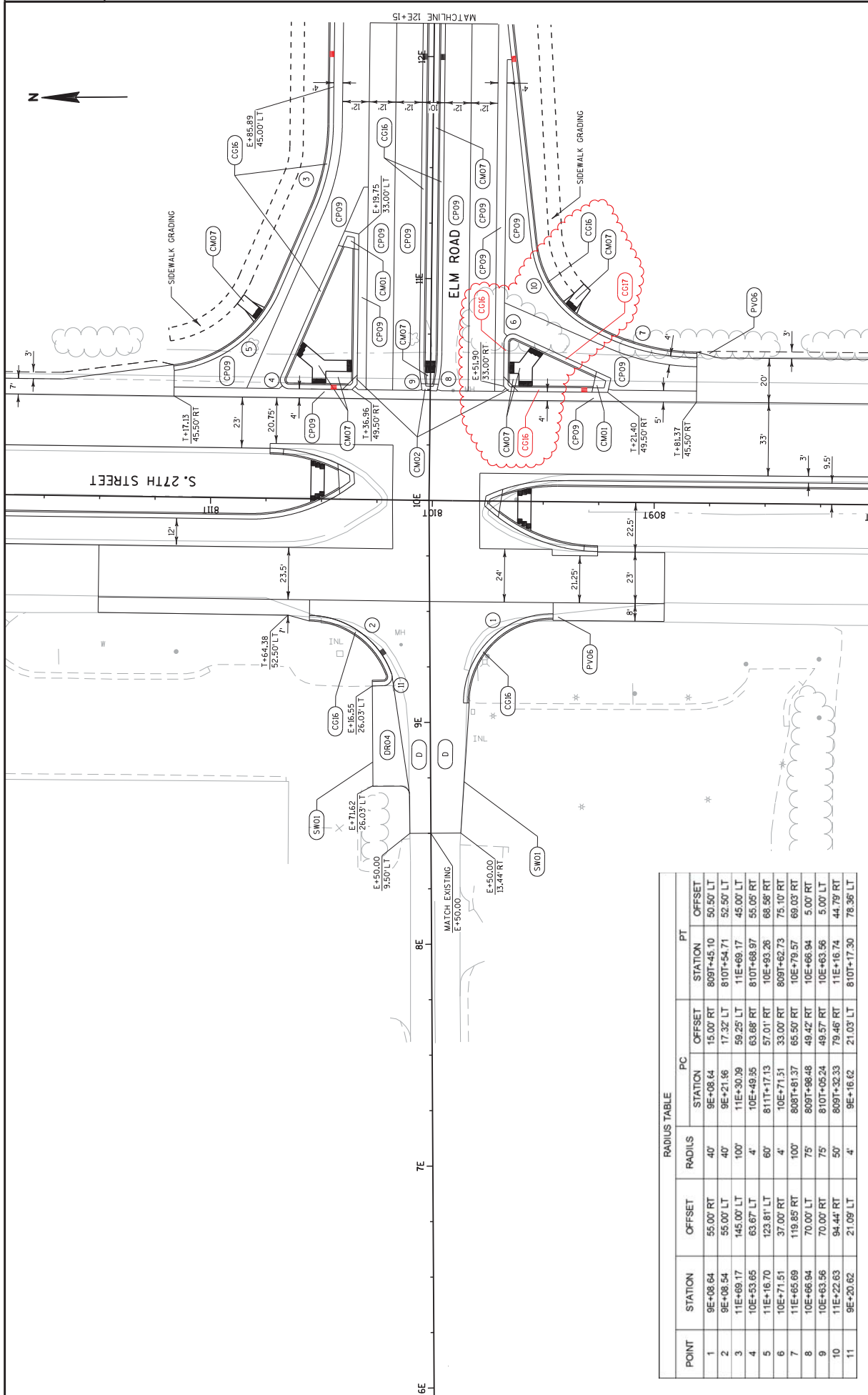
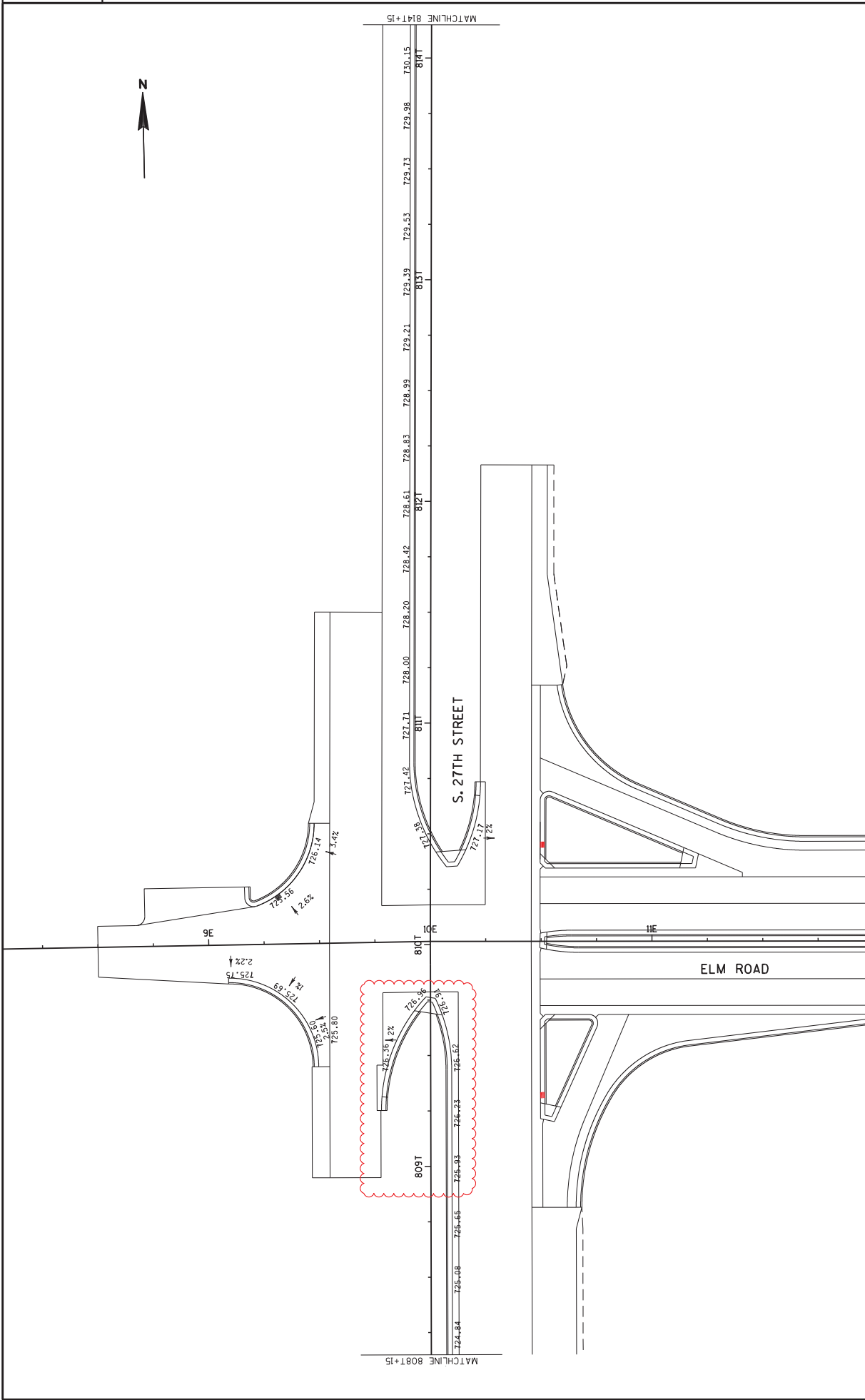


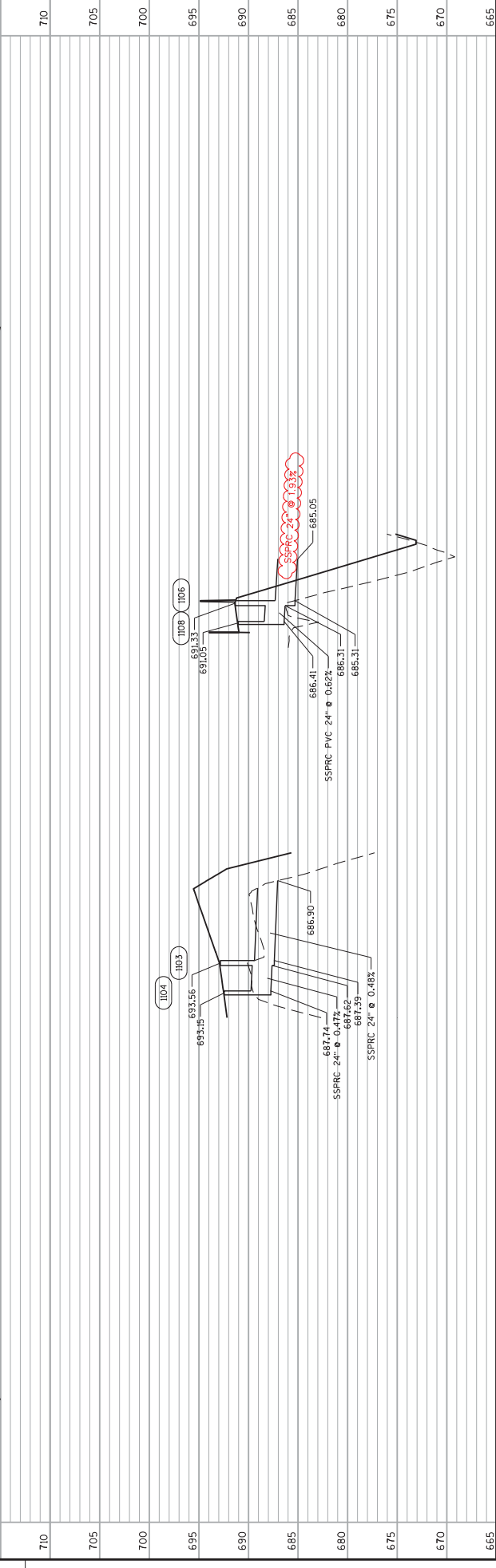
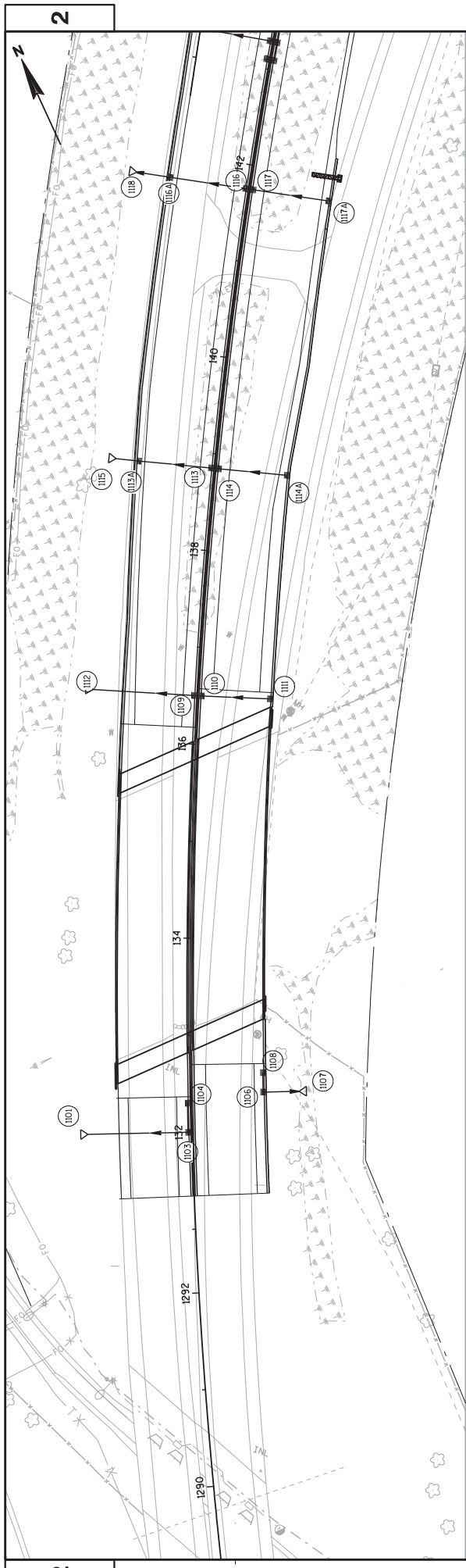


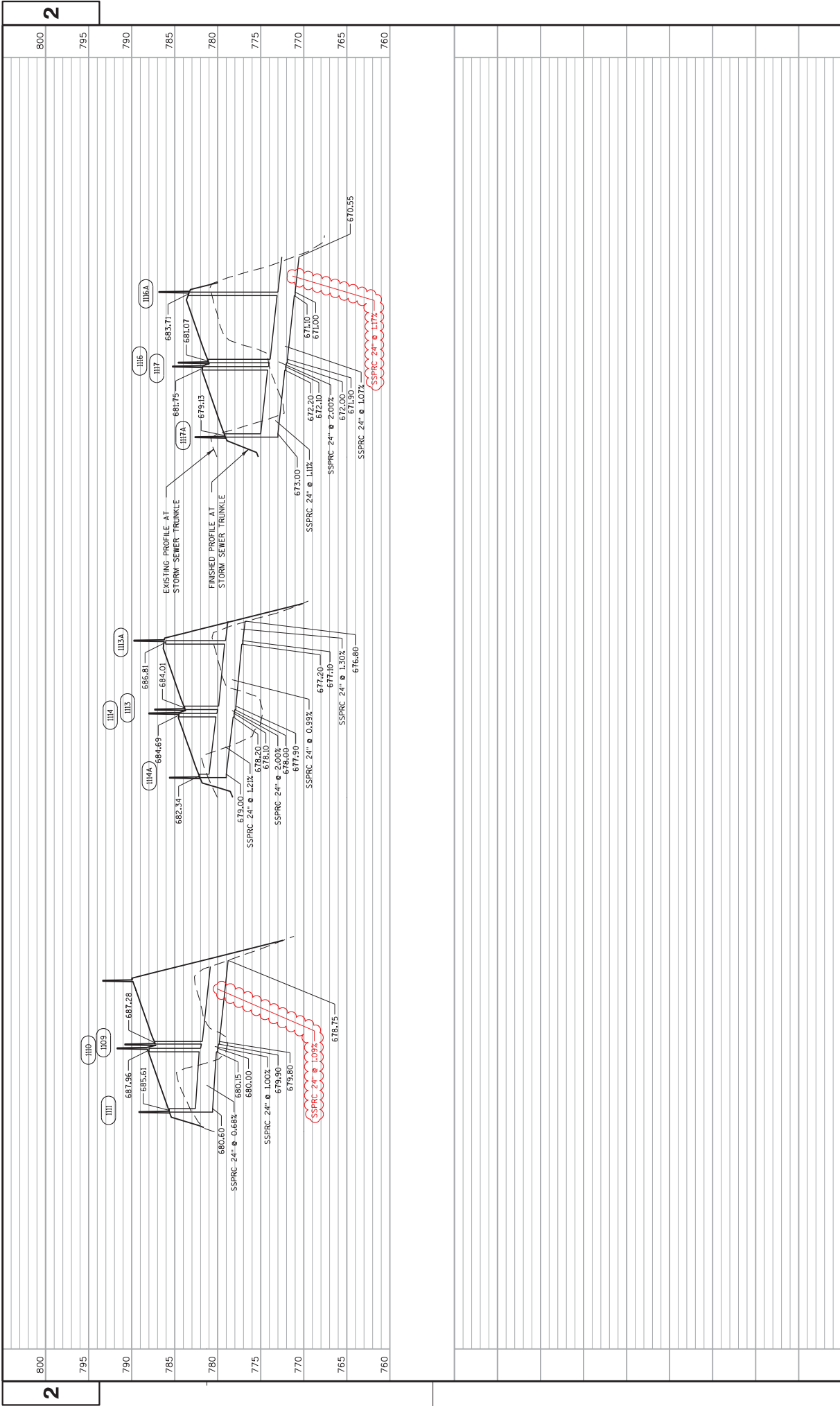


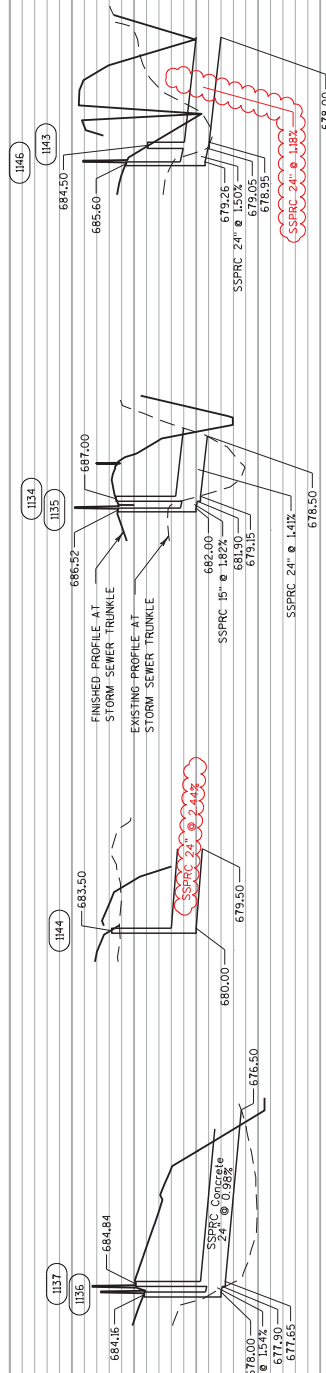
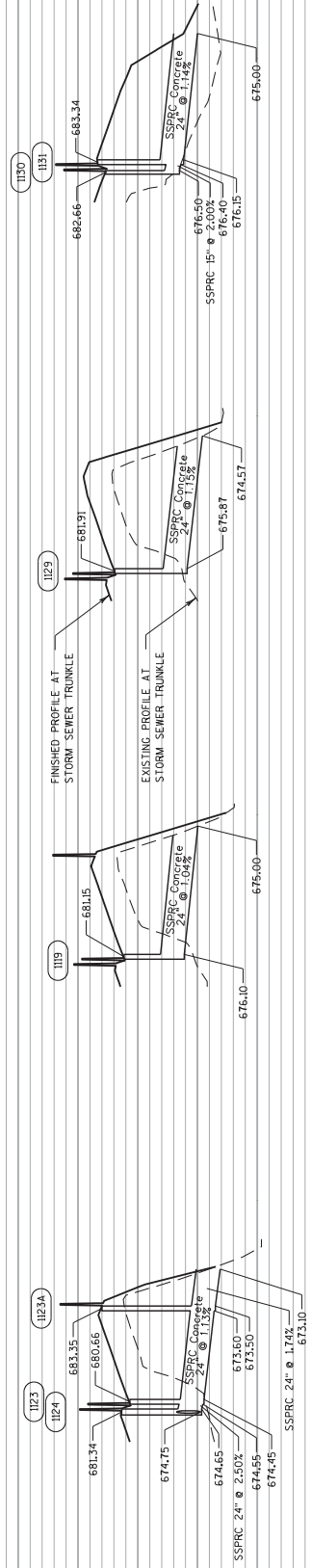
RADIUS TABLE					
POINT	STATION	OFFSET	RADIALS	PC	PT
1	9E+08.64	55.00' RT	40'	STATION 9E+08.64	STATION 809T+45.10
2	9E+08.54	55.00' LT	40'	17.32' LT	810T+54.71
3	11E+69.17	145.00' LT	100'	11E+30.99	59.25' LT
4	10E+53.65	63.67' LT	4'	10E+49.35	63.68' RT
5	11E+16.70	123.81' LT	60'	811T+17.13	57.01' RT
6	10E+71.51	37.00' RT	4'	10E+71.51	33.00' RT
7	11E+65.69	119.65' RT	100'	808T+81.37	65.50' RT
8	10E+66.94	70.00' LT	75'	809T+88.48	49.42' RT
9	10E+63.56	70.00' RT	75'	810T+05.24	49.57' RT
10	11E+22.63	94.44' RT	50'	809T+32.33	79.46' RT
11	9E+20.62	21.09' LT	4'	9E+16.62	21.03' LT

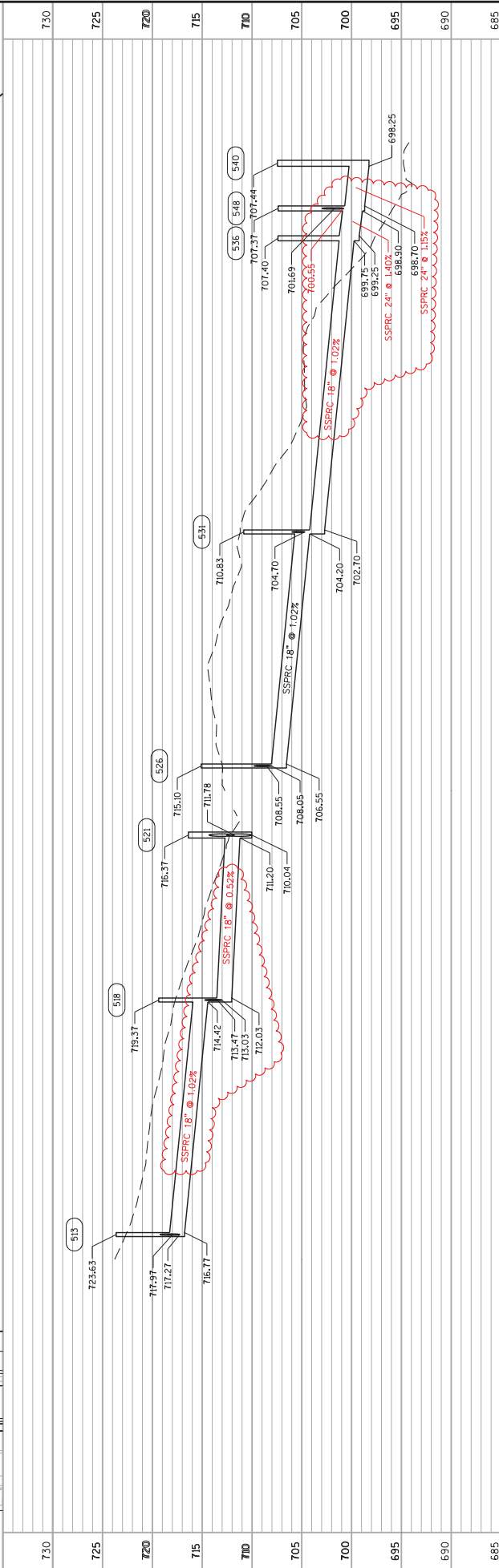
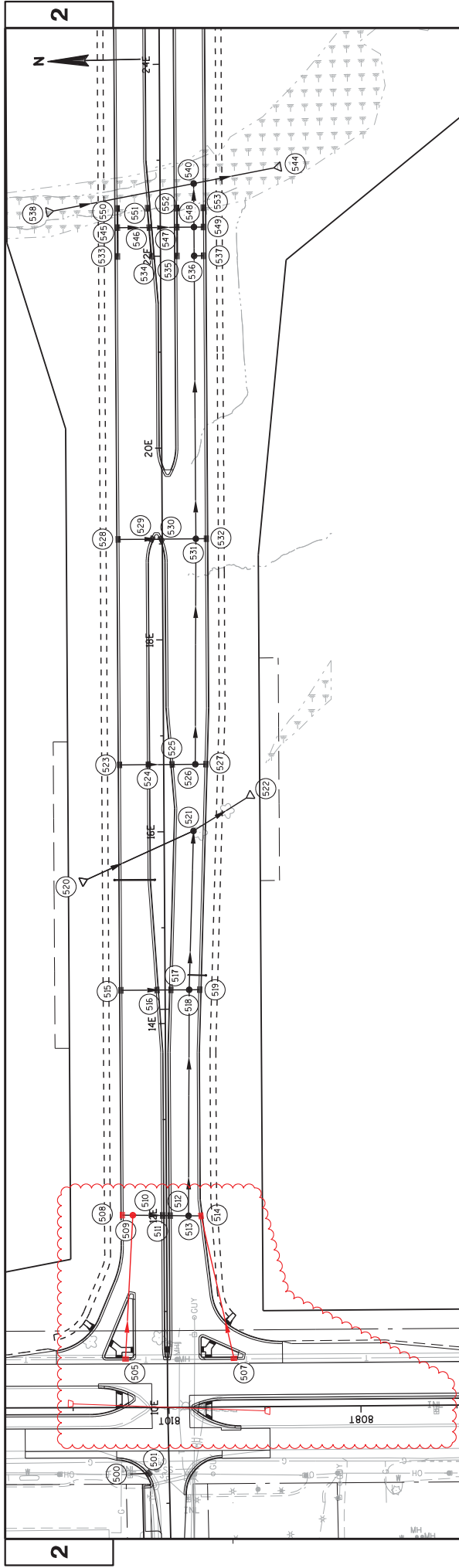


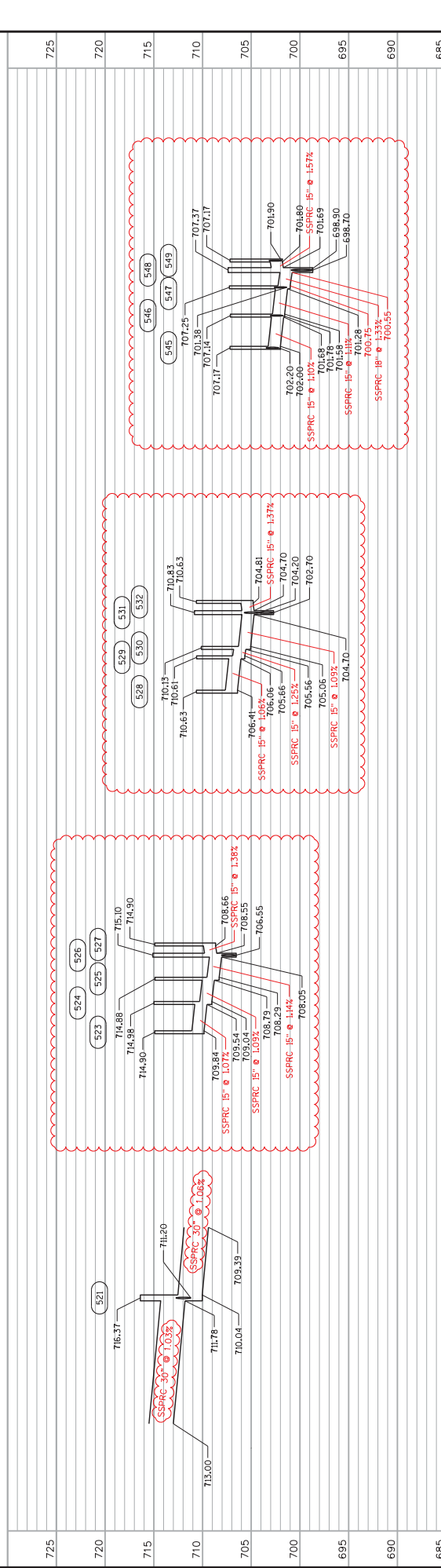
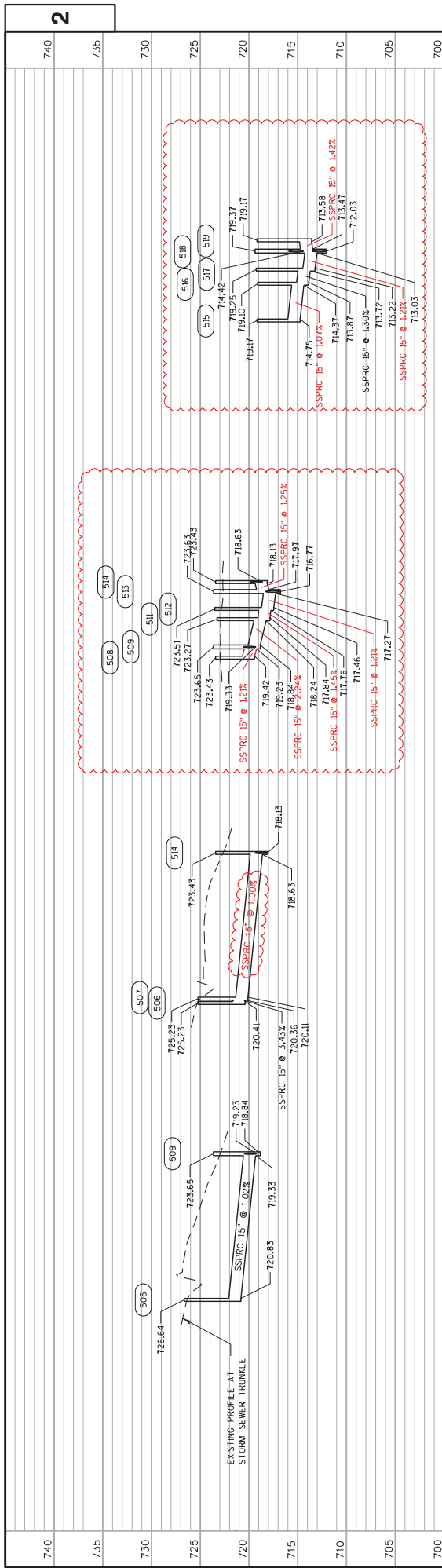
PROJECT NO: 1030-20-87	HWY: IH 94	COUNTY: MILWAUKEE	PAVING GRADES	SHEET 146	E
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PLOT DATE : 29-JUN-2018 12:01					
PLOT BY : MSDJIS					
PLOT NAME : 021347_pg					
PLOT SCALE : 40:1					
WISDOT/CADDIS SHEET 42					

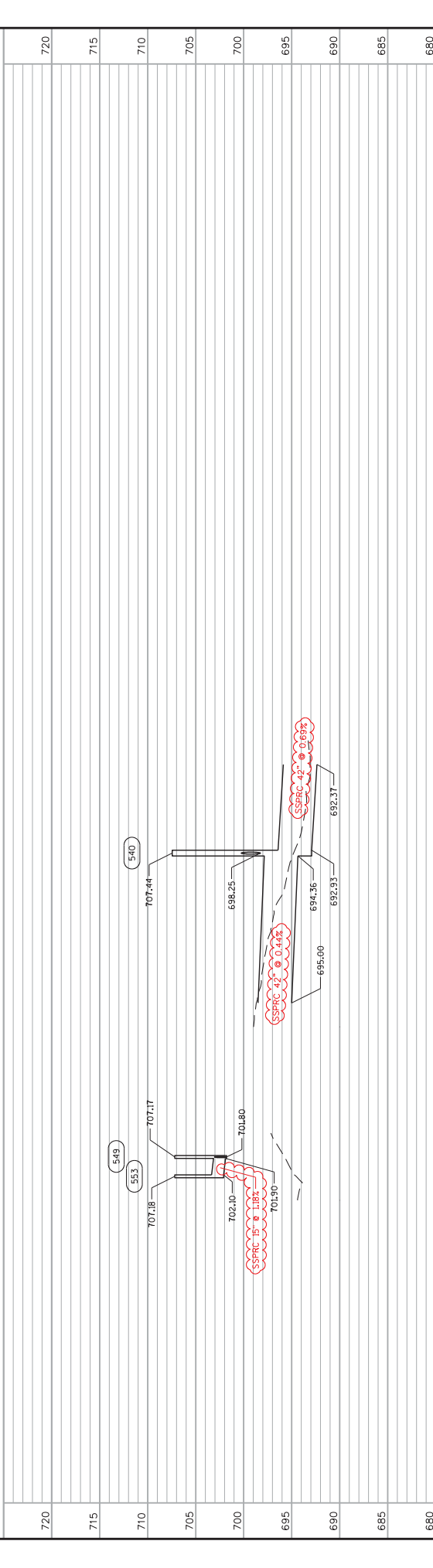
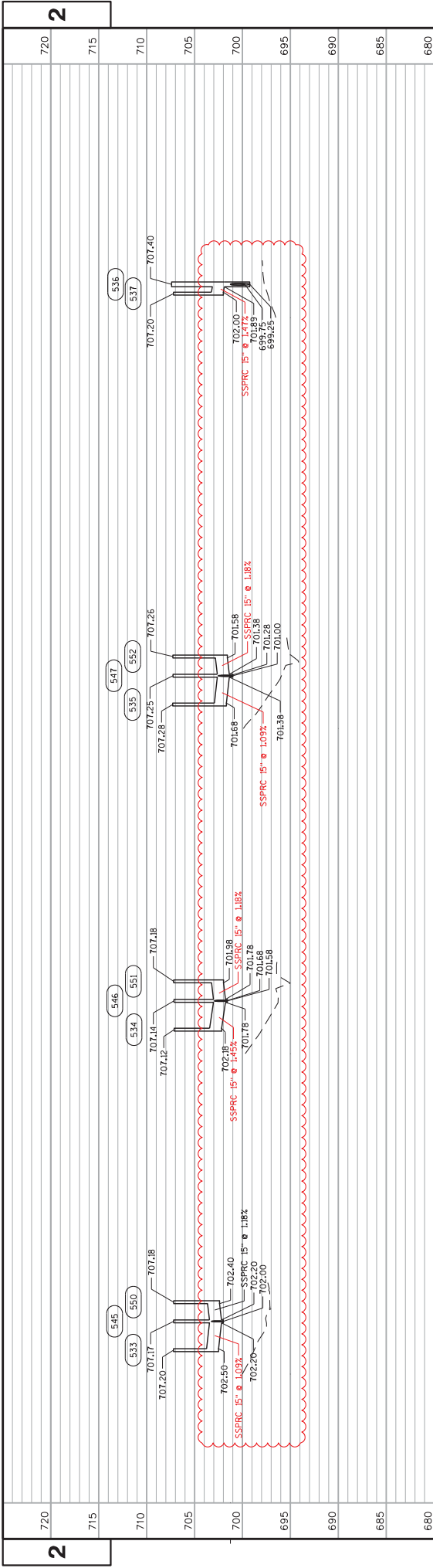


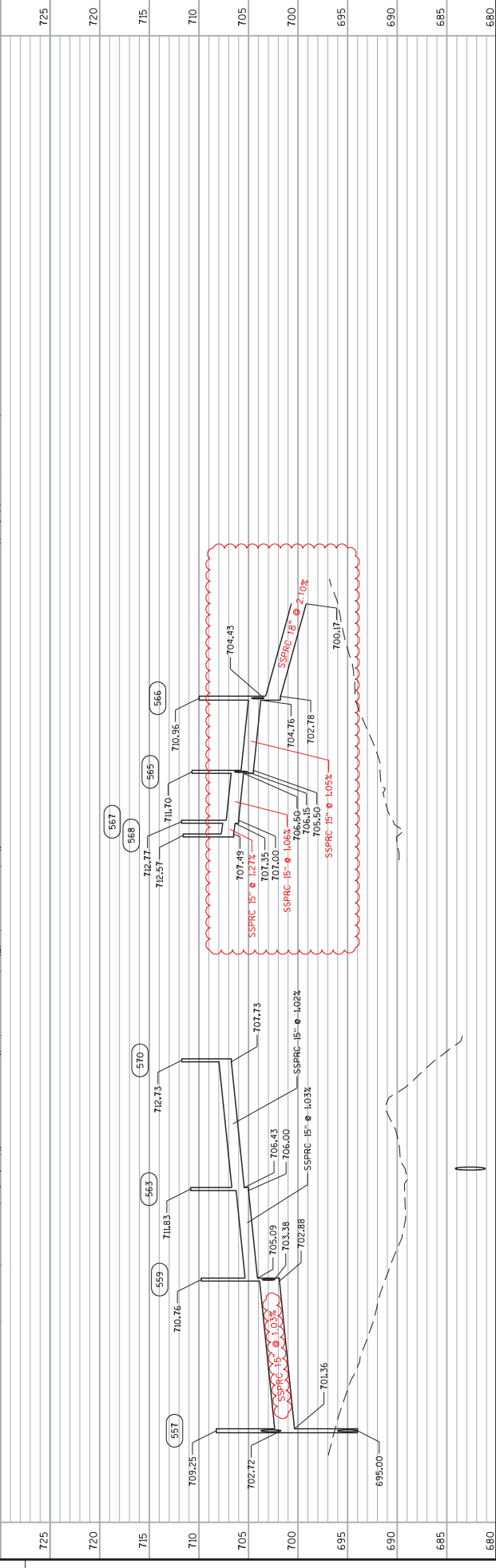
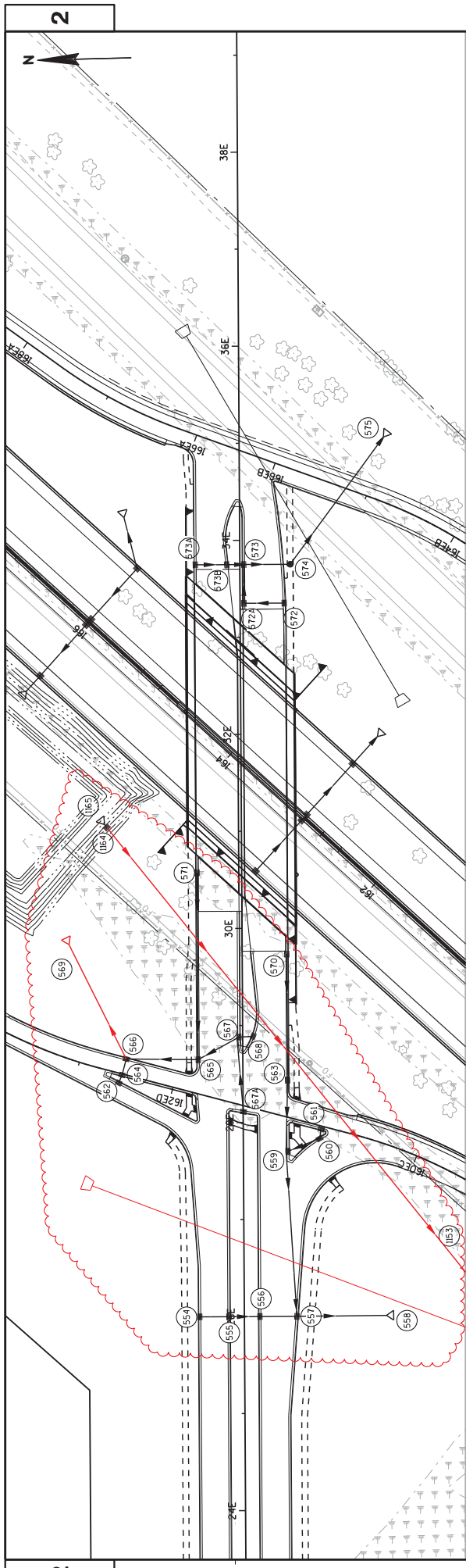


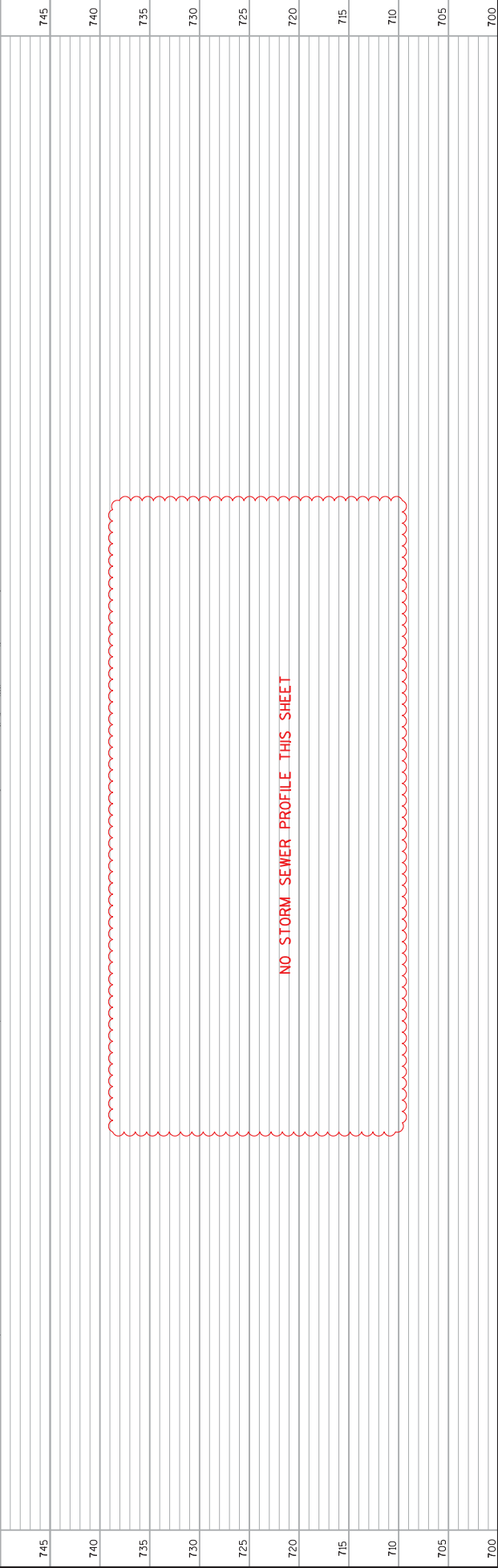
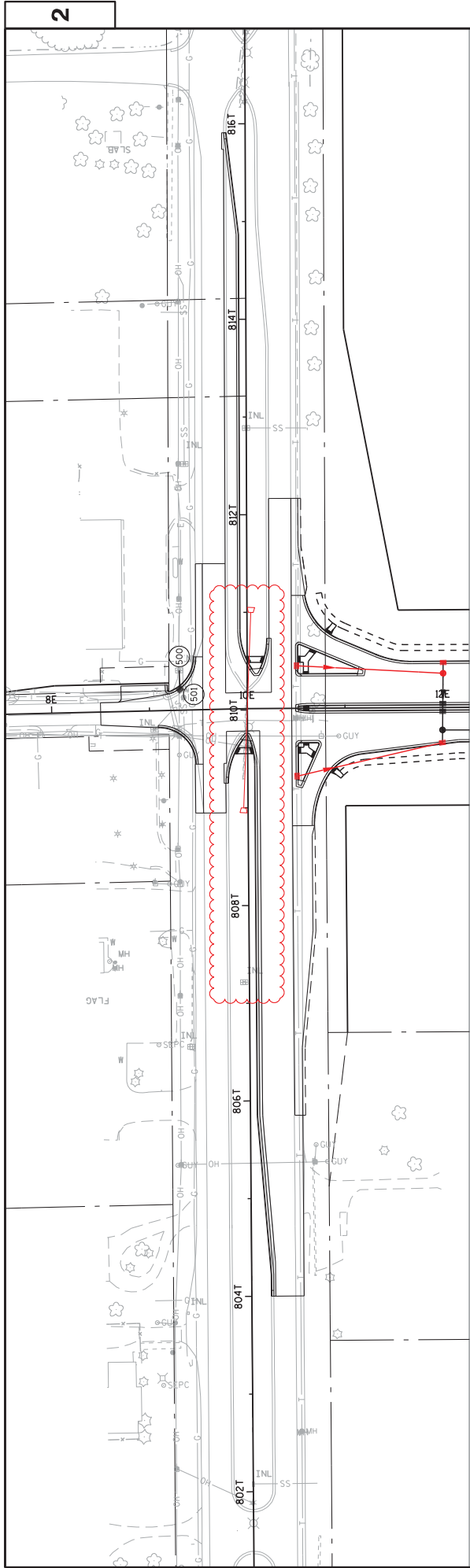












745	740	735	730	725	720	715	710	705	700
PROJECT NO: 1030-20-87									
COUNTY: MILWAUKEE									
STORM SEWER									
SHEET 216									
E									

CLEARING AND GRUBBING									
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	STA	STA	ACRE
1000	1	IH 94 NB	131+34	134+00	RT	3	3	3	--
			135+00	136+00	RT	1	1	1	--
			139+00	143+00	RT	4	4	4	--
			209+00	220+00	RT	11	11	11	--
			STAGE 1 SUBTOTAL						
						19	19	19	--
1000	2	IH 94 NB	144+00	146+00	RT	2	2	2	--
			148+00	150+00	RT	2	2	2	--
			152+00	181+00	RT	29	29	29	--
			184+00	185+00	RT	1	1	1	--
			186+00	190+00	RT	4	4	4	--
			STAGE 2 SUBTOTAL						
						7	7	7	--
			STH 241/ 27TH STREET						
			806T+00	812T+00	RT	6	6	6	--
			ELM ROAD						
			8E+00	9E+00	LT	1	1	1	--
			18E+00	17E+00	RT	1	1	1	--
			IH 94 SB FENCE						
			136+00	194+00	LT	--	--	0.4	0.4
			STAGE 2 SUBTOTAL						
						125	125	0.4	0.4
1000	4	IH 94 NB FENCE	135+00	209+00	RT	--	--	0.7	0.7
			STAGE 4 SUBTOTAL						
						--	--	0.7	0.7
			TOTAL						
						144	144	1.1	1.1
			HWY: IH 94		COUNTY: MILWAUKEE				
PROJECT NO:1030-20-87									

FILE NAME: S:\FinalDesign\MIL10302087_ERoads\sk8\030201_mil_pav.ppt

PLOT DATE: 07/20/2018 3:00:32 PM

PLOT BY: MSCSJ

PLOT NAME: 080201_mil_pav1

PLOT SCALE: 1:1

REMOVING CULVERT									
CATEGORY	STAGE	ROADWAY	STATION	FROM	STATION	LOCATION	TO	STATION	LOCATION
1000	1	STH 241/ 27TH STREET	809T+30	5' LT	810T+41	1' RT			
			12" x 110' CMCP						
									1
2 & 4		IH 94	140+74	22' RT	141+34	31' RT			
			142+10	66' RT	142+11	179' RT			
			148+30	140' RT	148+25	260' RT			
			212+00	93' RT	212+00	144' RT			
			24" x 51' CMCP						
									1
4		OAKWOOD ROAD	17KW+55	19' LT	17KW+34	20' LT			
			18KW+84	27' RT	19KW+00	30' LT			
			18" x 20' CMCP						
									1
									1
			30" x 59' CMCP						
									1
			TOTAL						
									7
REMOVING DELINEATORS AND MARKERS									
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	REMOVING DELINEATORS AND MARKERS EACH			
1000	1	IH 94 NB	131+34	132+70					1
			136+00	194+19					4
			196+02	220+00					2
			STAGE 1 SUBTOTAL						
									7
1000	2	IH 94 SB	136+00	194+19					14
			196+02	220+00					3
			STAGE 2 SUBTOTAL						
									17
			TOTAL						
									24

MISCELLANEOUS QUANTITIES

HWY: IH 94

COUNTY: MILWAUKEE

PROJECT NO:1030-20-87

SHEET: 358

E

EARTHWORK SUMMARY

CATEGORY	STAGE	ROADWAY	FROM / TO STATION	205.0100		SPV.0035.0008		SPV.0035.0009		SPV.0035.0006		SPV.0195.0010		SPV.0195.0012	
				(1)	(2/5)	EXCAVATION	EBS	BACKFILL	ROADWAY	SOIL DRYING	SOIL DRYING	STRENGTHENING	STRENGTHENING		
				COMMON	EXCAVATION	BACKFILL	EMBANKMENT	TREATMENT	TREATMENT	TREATMENT	TREATMENT	TREATMENT	TREATMENT	TREATMENT	
				CY	CY	CY	CY	TON	TON	TON	TON	TON	TON	TON	
1000	1	RAMP EC	160+00 to 161+31	0	0	0	7,711	0	0	0	0	-7,711	0	-7,711	
		RAMP ED	162+09 to 172+00	81,646	12,247	12,247	13,427	306	7,348	306	7,348	68,219	68,219	68,219	
		ELM	8+47 to 28+50	15,756	2,363	2,363	50,250	59	1,418	59	1,418	-34,494	-34,494	-34,494	
		TEMPORARY WIDENING	1131+39 to 1221+15	52,300	7,845	7,845	19,478	196	4,707	196	4,707	32,822	32,822	32,822	
SUBTOTALS STAGE 1				149,702	22,455	22,455	90,866	561	13,473	13,473	59,837	59,837	59,837	59,837	
1000	2	IH 94 SB	131+35 to 220+00	42,024	6,304	6,304	97,885	158	3,782	158	3,782	-55,861	-55,861	-55,861	
		IH 94 NB	147+00 to 190+50	17,925	2,689	2,689	68,199	67	1,613	67	1,613	-50,273	-50,273	-50,273	
		RAMP EC	145+64 to 160+00	5,383	807	807	43,603	20	484	20	484	-38,220	-38,220	-38,220	
		RAMP ED	172+00 to 182+33	56,957	2,848	2,848	2,473	71	1,709	71	1,709	54,484	54,484	54,484	
		ELM	28+50 to 30+02	0	0	0	15,018	0	0	0	0	-15,018	-15,018	-15,018	
		27TH STREET	805+75 to 818+50	1,555	233	233	310	6	140	6	140	1,244	1,244	1,244	
		RAMP ED - POND	--	48,142	0	0	208	0	0	0	0	47,934	47,934	47,934	
		TEMPORARY WIDENING	149+38 to 179+22	2,604	391	391	11,728	10	235	10	235	-9,125	-9,125	-9,125	
		SUBTOTALS STAGE 2		174,590	13,272	13,272	239,425	332	7,963	332	7,963	-64,835	-64,835	-64,835	
		IH 94 NB	131+35 to 146+50	19,370	2,906	2,906	21,366	73	1,744	73	1,744	-1,996	-1,996	-1,996	
1000	4	RAMP EA	191+00 to 220+00	36,191	5,429	5,429	15,104	136	3,257	136	3,257	21,087	21,087	21,087	
		RAMP EB	166+10 to 179+84	29,289	4,393	4,393	41,669	110	2,636	110	2,636	-12,380	-12,380	-12,380	
		ELM	149+13 to 165+50	0	0	0	7,580	0	0	0	0	-7,580	-7,580	-7,580	
		OAKWOOD	33+44 to 34+66	0	0	0	3,557	4	104	4	104	-2,403	-2,403	-2,403	
		RAMP EB - POND	17+00 to 22+00	1,154	173	173	1,241	0	0	0	0	14,311	14,311	14,311	
		SUBTOTALS STAGE 4	--	101,556	12,901	12,901	90,517	323	7,741	323	7,741	11,039	11,039	11,039	
GRAND TOTALS				425,849	48,028	48,028	420,807	1,216	29,177	29,177	5,041	5,041	5,041		

Notes:

- 1) Cut Volume Includes Concrete and Asphaltic Surface Material.
- 2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.
- 3) Roadway Embankment = Unexpanded Fill
- 4) The Mass Ordinate + or - quantity is calculated by stage. A positive quantity indicates an excess of material within the stage and a negative number indicates a shortage of material within the stage. Mass Ordinate = Cut-Embankment. The mass ordinate is for informational purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.
- 5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere.

STORM SEWER GENERAL NOTES

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
- 2) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS UNLESS OTHERWISE NOTED
- 3) CASTINGS ARE CENTERED ON STRUCTURE UNLESS OTHERWISE NOTED
- 4) PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR END OF PIPE (NOT TO THE APRON END OF ENDWALLS)
- 5) RIM ELEVATIONS ARE GIVEN AT THE FLOW LINE FOR INLET GRATES ADJACENT TO CONCRETE BARRIER, AT THE FLANGE LINE FOR INLETS IN CURB AND GUTTER, OR CENTER OF THE COVER FOR MANHOLES AND FIELD INLETS, UNLESS OTHERWISE NOTED
- 6) STRUCTURE DEPTH = RIM ELEVATION - LOWEST INVERT - CASTING HEIGHT - ADJUSTMENT RING

CASTING HEIGHT = 0.88 FT FOR TYPE V COVERS; 0.85 FT FOR TYPE WM COVERS; 0.74 FT FOR TYPE J COVERS; 0 FT FOR TYPE MS COVERS;
ADJUSTMENT (RINGS) = 0.33 FT FOR J, WM, AND V COVERS; 0 FT FOR TYPE MS COVERS
- 7) FLAT SLAB TOP WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE V INLET COVERS
- 8) CENTER OPENING ON ALL MANHOLES UNLESS OTHERWISE NOTED
- 9) ALL INLETS IN DRIVING LANES DURING CONSTRUCTION SHALL HAVE FASTENED COVERS
- 10) PIPE RUNS INSTALLED IN MULTIPLE STAGES SHALL BE INSTALLED IN SUCH A MANNER AS NOT TO REQUIRE PIPE COLLARS
- 11) WHOLE SECTIONS OF PIPE SHALL END AND BEGIN EACH STAGE
- 12) LOCATIONS AND DEPTHS OF EXISTING STRUCTURES AND PIPES SHALL BE VERIFIED IN THE FIELD
- 13) PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY, PLAN LENGTH SHOWN FOR PAY QUANTITY
- 14) ADDITIONAL QUANTITIES LISTED ELSEWHERE
- 15) ALL ITEMS ARE CATEGORY 1000 UNLESS NOTED OTHERWISE

(CONTINUED ON NEXT SHEET)

PROJECT NO:1030-20-87	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 369	E
FILE NAME: S:\FinalDesign\MIL10302087_ERoads\ds1030202_mtl_dra.dgn PLOT NAME: 100202_mtl_dra PLOT SCALE: 1:1 PLOT BY: MSCCEJ PLOT DATE: 02/20/2018 5:01:12 PM					

STORM SEWER ITEMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE	COVER TYPE	RM ELEV	STR DEPTH FT	FROM STR	TO STR	SIZE	PRE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		EACH	18-INCH				24-INCH				30-INCH				36-INCH				42-INCH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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(CONTINUED ON NEXT SHEET)

STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042																						
MARKERS CULVERT END											APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE											
STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE		COVER TYPE	RM ELEV	STR DEPTH FT	FROM STR	TO STR	SIZE	PFE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE				NOTES	
				MANHOLE	INLET										INLET	DISCHARGE	EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH		36-INCH EACH
1210		200+00	74.25 RT	--	4-FT	V	725.76	5.22	1210	1209	24-INCH	66	70	1.00%	719.38	718.72	--	--	--	--	FASTEN COVER	
1211		203+00	4.25 LT	--	3-FT	V	718.43	3.96	1211	1212	15-INCH	5	9	1.11%	713.31	713.26	--	--	--	--	FASTEN COVER	
1212		203+00	4.25 RT	5-FT	--	V	718.43	5.67	1212	1215	24-INCH	225	230	1.00%	711.60	709.36	--	--	--	--	FASTEN COVER	
1213		203+00	74.25 RT	--	4-FT	V	718.43	5.32	1213	1212	24-INCH	66	70	0.53%	711.95	711.60	--	--	--	--	FASTEN COVER	
1214		205+30	4.25 LT	--	3-FT	V	714.19	3.96	1214	1215	15-INCH	5	9	1.11%	709.07	709.02	--	--	--	--	FASTEN COVER	
1215A		205+30	74.25 RT	--	4-FT	V	714.19	4.32	1215A	1215	24-INCH	66	70	0.53%	708.71	708.36	--	--	--	--	FASTEN COVER	
1215		205+30	4.25 RT	5-FT	--	V	714.19	4.67	1215	1217	24-INCH	220	225	0.51%	708.36	707.23	--	--	--	--	FASTEN COVER	
1216		207+55	4.25 LT	--	3-FT	V	712.02	3.95	1216	1217	15-INCH	5	9	1.11%	706.91	706.86	--	--	--	--	FASTEN COVER	
1217A		207+55	74.25 RT	--	4-FT	V	712.02	4.28	1217A	1217	24-INCH	66	70	0.53%	706.58	706.23	--	--	--	--	FASTEN COVER	
1217		207+55	4.25 RT	5-FT	--	V	712.02	4.13	1217	1219	24-INCH	240	245	0.51%	706.73	705.50	--	--	--	--	FASTEN COVER	
1218		210+00	4.25 LT	--	3-FT	V	710.79	3.94	1218	1219	15-INCH	5	9	1.11%	705.69	705.64	--	--	--	--	FASTEN COVER	
1219		210+00	4.25 RT	5-FT	--	V	710.79	4.63	1219	1221	24-INCH	245	250	0.51%	705.00	703.75	--	--	--	--	FASTEN COVER	
1220		212+50	4.25 LT	--	3-FT	V	709.53	3.93	1220	1221	15-INCH	5	9	1.11%	704.44	704.39	--	--	--	--	FASTEN COVER	
1221		212+50	4.25 RT	5-FT	--	V	709.53	4.87	1221	1223	24-INCH	245	250	0.51%	703.50	702.25	--	--	--	--	FASTEN COVER	
1222		215+00	4.25 LT	--	3-FT	V	708.27	3.92	1222	1223	15-INCH	5	9	1.11%	703.19	703.14	--	--	--	--	FASTEN COVER	
1223		215+00	4.25 RT	5-FT	--	V	708.27	5.11	1223	1225	24-INCH	245	250	0.51%	702.00	700.75	--	--	--	--	FASTEN COVER	
1224		217+50	4.25 LT	--	3-FT	V	707.01	3.91	1224	1225	15-INCH	5	9	1.11%	701.94	701.89	--	--	--	--	FASTEN COVER	
1225		217+50	4.25 RT	5-FT	--	V	707.01	5.35	1225	1227	24-INCH	245	250	0.51%	700.50	699.25	--	--	--	--	FASTEN COVER	
1226		220+00	4.25 LT	--	3-FT	V	705.75	3.90	1226	1227	15-INCH	5	9	1.11%	700.69	700.64	--	--	--	--	FASTEN COVER	
1227		220+00	4.25 RT	5-FT	--	V	705.75	5.84	1227	--	--	--	--	--	698.75	--	--	--	--	--	FASTEN COVER	
RAMPEA		174EA+25	18.00 LT	--	2.5X3-FT	V	707.10	6.02	1184	1189	15-INCH	44	47	0.66%	699.92	699.63	--	--	--	--	FASTEN COVER	
RAMPEB		1139		--	--	--	--	0.00	OUTFALL	--	--	--	--	--	674.75	--	--	--	--	--	FASTEN COVER	
1139		151EB+38	57.50 RT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	674.75	--	--	--	--	--	FASTEN COVER	
1140		151EB+78	59.00 RT	5-FT	--	J	683.57	7.50	1140	1139	30-INCH	38	40	0.67%	675.00	674.75	--	--	--	--	FASTEN COVER	
1141		152EB+05	64.25 RT	--	--	--	--	0.00	PFE END	1140	18-INCH	25	27	0.00%	672.50	672.50	--	--	--	--	FASTEN COVER	
1144		152EB+50	23.00 LT	--	--	MEDIAN 2	683.50	3.50	1144	1145	18-INCH	41	43	2.44%	680.00	679.00	--	--	--	--	FASTEN COVER	
1145		152EB+50	26.00 RT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	680.00	--	--	--	--	--	FASTEN COVER	
RAMPEC		150EC+60	36.00 LT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	679.00	--	--	--	--	--	FASTEN COVER	
1133		150EC+60	18.00 RT	--	4-FT	V	687.00	6.69	1134	1133	24-INCH	46	48	1.41%	679.15	678.50	--	--	--	--	FASTEN COVER	
1134		150EC+60	27.00 RT	--	3-FT	V	686.52	3.36	1135	1134	15-INCH	6	9	1.82%	682.00	681.90	--	--	--	--	FASTEN COVER	
1135		153EC+16	54.00 LT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	678.00	--	--	--	--	--	FASTEN COVER	
1142		154EC+00	35.25 RT	--	--	MEDIAN 2	684.50	5.55	1143	1142	24-INCH	81	83	1.18%	678.95	678.00	--	--	--	--	FASTEN COVER	
1143		154EC+00	35.25 RT	--	2X3-FT	V	685.60	5.18	1143	1142	24-INCH	14	18	1.50%	679.26	679.05	--	--	--	--	FASTEN COVER	
ELMRD		153+87	74.25 LT	--	2.5X3-FT	WM	726.64	4.63	505	509	15-INCH	147	150	1.02%	720.83	719.33	--	--	--	--	FASTEN COVER	
505		106E+51	35.00 LT	--	2.5X3-FT	WM	726.64	4.63	505	509	15-INCH	147	150	1.02%	720.83	719.33	--	--	--	--	FASTEN COVER	
507		809T+32	50.50 RT	--	4-FT	WM	725.60	4.30	507	514	15-INCH	149	153	1.00%	720.12	718.63	--	--	--	--	FASTEN COVER	
508		12E+00	46.00 LT	--	2X2.5-FT	WM	722.86	2.26	508	509	15-INCH	16	19	1.21%	719.42	719.23	--	--	--	--	FASTEN COVER	
509		12E+00	35.00 LT	4-FT	--	J	723.65	3.74	509	511	15-INCH	27	30	2.24%	718.84	718.24	--	--	--	--	FASTEN COVER	
511		12E+00	4.00 LT	--	2X2.5-FT	WM	723.19	4.17	511	512	15-INCH	6	8	1.45%	717.84	717.76	--	--	--	--	FASTEN COVER	
512		12E+00	4.00 RT	--	2X2.5-FT	WM	723.51	4.87	512	513	15-INCH	16	19	1.21%	717.46	717.27	--	--	--	--	FASTEN COVER	
513		12E+00	23.00 RT	4-FT	--	J	723.63	5.79	513	518	18-INCH	231	235	1.02%	716.77	714.42	--	--	--	--	FASTEN COVER	
514		12E+00	36.00 RT	--	4-FT	WM	723.43	4.12	514	513	15-INCH	13	16	1.25%	718.13	717.97	--	--	--	--	FASTEN COVER	
515		14E+35	46.00 LT	--	2X2.5-FT	WM	718.61	2.68	515	516	15-INCH	36	38	1.07%	714.75	714.37	--	--	--	--	FASTEN COVER	
516		14E+35	8.34 LT	--	2X2.5-FT	WM	719.01	3.96	516	517	15-INCH	12	14	1.30%	713.87	713.72	--	--	--	--	FASTEN COVER	

PROJECT NO:1030-20-87

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

(CONTINUED ON NEXT SHEET)

SHEET: 372

(CONTINUED ON NEXT SHEET)

MISCELLANEOUS QUANTITIES

COUNTY: MILWAUKEE

HWY: IH 94

PROJECT NO: 1030-20-87

SHEET: 372

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STORM SEWER ITEMS (CONTINUED)

STRUCTURE		STAGE	STATION	OFFSET	STRUCTURE TYPE		COVER	RIM	STR	DEPTH	FT	FROM	TO	SIZE	PIPE	PLAN	SLOPE	INVERT ELEVATION		DISCHARGE	APRON ENDWALLS FOR CULVERT				MARKERS			
NUMBER				FEET	MANHOLE	INLET	TYPE	ELEV				STR	STR		LENGTH	LENGTH		INLET	ELEVATION		END	18-INCH	24-INCH	30-INCH	36-INCH	42-INCH	END	
517		14E+35		6.17 RT	--	2X2.5-FT	WM	719.16	4.76			517	518	15-INCH	16	19	1.21%	713.22	713.03	--	--	--	--	--	--	--	--	
518		14E+35		25.14 RT	4-FT	--	J	719.37	6.27			518	521	18-INCH	160	165	0.52%	712.03	711.20	--	--	--	--	--	--	--	--	
519		14E+35		36.15 RT	--	2X2.5-FT	WM	719.17	4.41			519	518	15-INCH	8	11	1.42%	713.58	713.47	--	--	--	--	--	--	--	--	
520		15E+50		80.25 LT	--	--	--		0.00			PIPE END	521	30-INCH	119	122	1.03%	713.00	711.78	--	1	--	--	--	--	--	--	
521		16E+00		30.66 RT	7-FT	--	J	716.37	5.26			521	522	30-INCH	62	65	1.06%	710.04	709.39	--	--	--	--	--	--	--	--	
522		16E+35		86.00 RT	--	--	--		0.00			OUTFALL	--	--	--	--	--	709.39	--	--	1	--	--	--	--	--	--	
523		16E+70		46.00 LT	--	2X2.5-FT	WM	714.34	3.32			523	524	15-INCH	28	30	1.07%	709.84	709.54	--	--	--	--	--	--	--	--	
524		16E+70		16.00 LT	--	2X2.5-FT	WM	714.90	4.68			524	525	15-INCH	23	25	1.09%	709.04	708.79	--	--	--	--	--	--	--	--	
525		16E+70		8.80 RT	--	2X2.5-FT	WM	714.88	5.41			525	526	15-INCH	21	24	1.14%	708.29	708.05	--	--	--	--	--	--	--	--	
526		16E+70		33.00 RT	4-FT	--	J	715.10	7.48			526	531	18-INCH	231	235	1.02%	706.55	704.20	--	--	--	--	--	--	--	--	
527		16E+70		44.00 RT	--	2X2.5-FT	WM	714.90	5.06			527	526	15-INCH	8	11	1.38%	708.66	708.55	--	--	--	--	--	--	--	--	
528		19E+05		46.00 LT	--	2X2.5-FT	WM	710.63	3.04			528	529	15-INCH	33	35	1.06%	706.41	706.06	--	--	--	--	--	--	--	--	
529		19E+05		10.77 LT	--	2X2.5-FT	WM	710.61	3.77			529	530	15-INCH	8	10	1.25%	705.66	705.56	--	--	--	--	--	--	--	--	
530		19E+05		1.18 LT	--	2X2.5-FT	WM	710.13	3.89			530	531	15-INCH	33	36	1.09%	705.06	704.70	--	--	--	--	--	--	--	--	
531		19E+05		35.00 RT	4-FT	--	J	710.83	7.06			531	536	18-INCH	291	295	1.02%	702.70	699.75	--	--	--	--	--	--	--	--	
532		19E+05		46.00 RT	--	2X2.5-FT	WM	710.63	4.64			532	531	15-INCH	8	11	1.37%	704.81	704.70	--	--	--	--	--	--	--	--	
533		22E+00		46.00 LT	--	2X2.5-FT	WM	707.20	3.52			533	545	15-INCH	28	30	1.09%	702.50	702.20	--	--	--	--	--	--	--	--	
534		22E+00		8.00 LT	--	2X2.5-FT	WM	707.12	3.76			534	546	15-INCH	28	30	1.45%	702.18	701.78	--	--	--	--	--	--	--	--	
535		22E+00		16.00 RT	--	2X2.5-FT	WM	707.28	4.42			535	547	15-INCH	28	30	1.09%	701.68	701.38	--	--	--	--	--	--	--	--	
536		22E+00		35.00 RT	5-FT	--	J	707.40	7.06			536	548	24-INCH	25	30	1.40%	699.25	698.90	--	--	--	--	--	--	--	--	
537		22E+00		46.00 RT	--	2X2.5-FT	WM	707.20	4.02			537	536	15-INCH	8	11	1.47%	702.00	701.69	--	--	--	--	--	--	--	--	
538		22E+48		35.00 RT	--	--	--		0.00			PIPE END	540	42-INCH	147	150	0.44%	695.00	694.36	--	1	--	--	--	--	--	--	
540		22E+75		118.50 RT	7-FT	--	J	707.44	13.44			540	544	42-INCH	82	85	0.69%	692.93	692.37	--	--	--	--	--	--	--	--	
544		22E+92		118.50 RT	--	--	--		0.00			OUTFALL	--	--	--	--	--	692.37	--	--	1	--	--	--	--	--	1	
545		22E+30		46.00 LT	--	2.5X3-FT	WM	707.17	3.99			545	546	15-INCH	29	32	1.10%	702.00	701.68	--	--	--	--	--	--	--	--	
546		22E+30		10.20 LT	--	2.5X3-FT	WM	707.14	4.38			546	547	15-INCH	27	30	1.11%	701.58	701.28	--	--	--	--	--	--	--	--	
547		22E+30		16.00 RT	--	2.5X3-FT	WM	707.25	5.32			547	548	15-INCH	15	19	1.33%	700.75	700.55	--	--	--	--	--	--	--	--	
548		22E+30		35.00 RT	5-FT	--	J	707.37	7.60			548	540	24-INCH	39	45	1.15%	698.70	698.25	--	--	--	--	--	--	--	--	
549		22E+30		46.00 RT	--	2.5X3-FT	WM	707.17	4.19			549	548	15-INCH	7	11	1.57%	701.90	701.69	--	--	--	--	--	--	--	--	
550		22E+50		46.00 LT	--	2.5X3-FT	WM	707.18	3.60			550	545	15-INCH	17	20	1.18%	702.40	702.20	--	--	--	--	--	--	--	--	
551		22E+50		13.00 LT	--	2.5X3-FT	WM	707.18	4.02			551	546	15-INCH	17	20	1.18%	701.98	701.78	--	--	--	--	--	--	--	--	
552		22E+50		16.00 RT	--	2.5X3-FT	WM	707.26	4.50			552	547	15-INCH	17	20	1.18%	701.58	701.38	--	--	--	--	--	--	--	--	
553		22E+50		46.00 RT	--	2.5X3-FT	WM	707.18	3.90			553	549	15-INCH	17	20	1.18%	702.10	701.90	--	--	--	--	--	--	--	--	
554		26E+00		46.00 LT	--	2X2.5-FT	WM	709.33	3.43			554	555	15-INCH	27	30	1.11%	704.72	704.42	--	--	--	--	--	--	--	--	
555		26E+00		16.00 RT	--	2X2.5-FT	WM	709.97	4.87			555	556	15-INCH	29	32	1.10%	703.92	703.60	--	--	--	--	--	--	--	--	
556		26E+00		16.00 RT	--	2X2.5-FT	WM	709.97	5.69			556	557	15-INCH	35	38	1.10%	703.10	702.72	--	--	--	--	--	--	--	--	
557		26E+00		54.15 RT	4-FT	--	--	709.25	13.07			557	558	18-INCH	90	92	3.78%	695.00	691.60	--	1	--	--	--	--	--	--	
558		26E+00		146.50 RT	--	--	--		0.00			OUTFALL	--	--	--	--	--	691.60	--	--	1	--	--	--	--	--	--	
559		27E+70		44.00 RT	4-FT	--	WM	710.76	6.70			559	557	15-INCH	148	152	1.03%	702.88	701.36	--	--	--	--	--	--	--	--	
560		161EC+00		14.00 LT	4-FT	--	WM	710.15	4.89			560	559	15-INCH	66	70	1.06%	704.08	703.38	--	--	--	--	--	--	--	--	
561		161EC+03		1.00 LT	4-FT	--	WM	710.40	4.59			561	560	15-INCH	1	5	5.00%	704.63	704.58	--	--	--	--	--	--	--	--	
562		162ED+55		9.84 LT	--	2X2.5-FT	WM	710.96	4.56			562	564	15-INCH	7	9	1.14%	705.22	705.14	--	--	--	--	--	--	--	--	
563		28E+44		46.00 RT	--	2X2.5-FT	WM	711.83	4.65			563	559	15-INCH	88	91	1.03%	706.00	705.09	--	--	--	--	--	--	--	--	
564		162ED+54		1.00 LT	--	2X2.5-FT	WM	711.24	5.42			564	566	15-INCH	14	17	1.50%	704.64	704.43	--	--	--	--	--	--	--	--	
565		28E+65		46.00 LT	--	2.5X3-FT	WM	711.70	5.02			565	566	15-INCH	71	74	1.05%	705.50	704.76	--	--	--	--	--	--	--	--	

PROJECT NO:1030-20-87

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 373

(CONTINUED ON NEXT SHEET)

(CONTINUED ON NEXT SHEET)

STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042																													
STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE		COVER TYPE	RM ELEV	STR DEPTH FT	FROM STR	TO STR	SIZE	PIPE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE						MARKERS CULVERT END	522.1018 522.1024 522.1030 522.1036 522.1042					
				MANHOLE	INLET										INLET	DISCHARGE	EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	36-INCH EACH	42-INCH EACH		NOTES					

3

3

566		162ED+54	16.00 RT	--	4-FT	WM	710.96	7.00	566	569	18-INCH	124	126	2.10%	702.78	700.17										
567		28E+88	6.00 LT	--	2.5X3-FT	WM	712.33	4.15	567	565	15-INCH	47	50	1.06%	707.00	706.50										
567A		28E+13	0.00 RT	--	2.5X3-FT	WM	711.70	3.07	567A	567	15-INCH	72	75	0.49%	707.45	707.10										
568		28E+88	12.70 RT	--	2X2.5-FT	WM	712.46	3.79	568	567	15-INCH	11	14	1.27%	707.49	707.35										
569		163ED+50	114.00 RT	--				0.00	OUTFALL	--	--	--	--	--	700.17	--										
570		29E+72	46.00 RT	--	2.5X3-FT	WM	712.73	3.82	570	563	15-INCH	127	130	1.02%	707.73	706.43										
571		30E+58	46.00 LT	--	2.5X3-FT	WM	713.50	4.24	571	565	15-INCH	190	193	1.02%	708.08	706.15										
572		33E+35	45.50 RT	--	2X2.5-FT	WM	715.98	4.20	572	572A	15-INCH	39	42	0.99%	710.60	710.21										
572A		33E+35	4.00 RT	--	2.5X3-FT	WM	716.67	5.38	572A	573	15-INCH	37	40	1.00%	710.11	709.74										
573		33E+75	4.00 RT	--	2.5X3-FT	WM	716.87	6.20	573	574	18-INCH	45	48	0.99%	709.49	709.05										
573A		33E+75	46.00 LT	--	2X2.5-FT	WM	716.33	3.65	573A	573B	15-INCH	31	33	0.98%	711.50	711.20										
573B		33E+75	13.50 LT	--	2X2.5-FT	WM	716.94	4.66	573B	573	15-INCH	16	18	0.97%	711.10	710.95										
574		33E+75	52.00 RT	4-FT	--	J	717.13	8.01	574	575	18-INCH	160	162	0.97%	708.05	706.50										
575		165EB+00	70.00 RT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	706.50	--										
1165		31E+08	141.20 LT	--	--	--	--	0.00	1165	1164	24-INCH	2	4	5.00%	684.00	683.90										
31E+05		1164		--	MEDIAN 2	2-MS	687.25	4.00	1164	1153	36-INCH	656	658	0.32%	683.25	681.18										
1153		25E+90	272.00 RT	--	--	--	--	0.00	OUTFALL	--	--	--	--	--	681.18	--										
27TH STREET																										
500		810T+41	69.50 LT	--	EXIST	EXIST	724.60	--	500	EXIST	--	--	--	--	--	722.70										
501		810T+21	68.33 LT	--	3-FT	WM	725.56	1.58	501	500	12-INCH	18	20	0.57%	722.80	722.70										

TOTALS

30 * 4 * 18 3 1 1

PROJECT NO:1030-20-87

HWY: IH 94

MISCELLANEOUS QUANTITIES

SHEET: 374

E

FILE NAME: S:\FinalDesign\MIL10302087_ERoads\ds1030202_mtl_data.dgn

PLOT DATE: 0/26/2018 5:25:56 PM

PLOT BY: MSCCEJ

PLOT NAME: 100202_mtl.dwg

PLOT SCALE: 1:1

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

STORM SEWER PIPE QUANTITIES									
STORM SEWER PIPE REINFORCED									
CONCRETE CLASS IV									
CATEGORY	ROADWAY	STAGE	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	42-INCH	
			LF	LF	LF	LF	LF	LF	
1000	1H 94		313	55	7,445	100	--	--	
	RAMP EA		47	--	--	--	--	--	
	RAMP EB		--	70	--	40	--	--	
	RAMP EC		9	--	149	--	--	--	
	ELM ROAD		2,025	1,377	79	187	658	235	
	27TH STREET		20	--	--	--	--	--	
TOTALS			2,413	1,502	7,673	327	658	235	
*ADDITIONAL QUANTITIES LISTED ELSEWHERE									

ADJUSTING INLET COVERS					RECONNECT STORM SEWER				
611.8115					SPV.0060.0016				
ADJUSTING					RECONNECT				
INLET					STORM				
COVERS					SEWER				
EACH					EACH				
CATEGORY	STAGE	ROADWAY	STATION		CATEGORY	ROADWAY	STATION		
1000	1A	1H 94 NB OVERLAY			1000	1H 94			
		198+55		1			136+50		1
		200+75		1			139+00		1
		203+00		1			141+75		1
		205+30		1			197+00		1
		207+50		1			200+00		1
		212+50		1			203+00		1
		215+00		1			205+30		1
		217+50		1			207+55		1
		220+00		1			27TH STREET		1
							8107+41		1
1C		217+50		2					9
		220+00		2					
					*ADDITIONAL QUANTITIES LISTED ELSEWHERE				

PROJECT NO:1030-20-87	HWY:1H 94	COUNTY: MILWAUKEE
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PIPE UNDERDRAIN ITEMS									
612.0106									
PIPE									
6-INCH									
UNDERDRAIN									
645.0111									
GEOTEXTILE									
TYPE DF									
SCHEDULE A									
CATEGORY	STAGE	LOCATION	STATION TO STATION	OFFSET	LF	SY	COMMENTS		
1000	2	1H 94 NB	159+75 - 171+50	RT	2,350	1,044			
		1H 94 SB	131+34 - 132+82	MED	148	66			
			136+10 - 194+00	MED	5,790	2,573			
			196+25 - 217+25	MED	2,100	933			
			139+00 - 145+64	LT	664	295			
			150+46 - 172+00	LT	2,154	957			
			188+50 - 194+07	LT	557	248			
			196+03 - 200+25	LT	422	188			
		RAMPEA	174EA+00 - 175EA+28	LT	128	57			
		RAMPEC	145EC+64 - 150EC+50	LT	486	216			
			151EC+00 - 151EC+50	RT	50	22			
		ELM ROAD	10E+50 - 30E+00	LT	1,950	867			
			10E+50 - 30E+00	RT	1,950	867			
			10E+50 - 13E+50	MED	300	133			
			13E+50 - 25E+00	MED	1,150	511			
			13E+50 - 25E+00	MED	1,150	511			
			25E+00 - 28E+50	MED	150	67			
		STAGE 2 SUBTOTAL			21,499	9,555			
3		1H 94 SB	217+25 - 220+00	MED	275	122			
		STAGE 3 SUBTOTAL			275	122			
4		1H 94 NB	131+34 - 133+20	RT	186	83			
			136+40 - 142+20	RT	580	258			
			196+20 - 208+50	RT	1,230	547			
		RAMPEA	165EB+00 - 165EA+50	LT	50	22			
		ELM ROAD	33E+44 - 34E+92	LT	148	66			
			33E+44 - 34E+92	RT	148	66			
		STAGE 4 SUBTOTAL			2,342	1,041			
		TOTALS			24,116	10,718			

CROSS CULVERT ITEMS

3

NOTES

NOTES

1) STATION OFFSETS SHOWN ARE TO THE CENTER OF INLET STRUCTURES OR END OF PIPE (NOT THE APRON END OF ENDWALLS)

4) STATION OF PIPE IS SHOWN FROM THE CENTER OF INLET STRUCTURES OR END OF PIPE (NOT THE APRON END OF ENDWALLS)

2) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. PIPE JOINTS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THE JOINT TIES SHALL BE INCLUDED IN THE PIPE BID ITEMS.

* ADDITIONAL QUANTITIES LISTED ELSEWHERE - SEE STORM SEWER TABLE

TEMPORARY STORM SEWER

TOTAL \$

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

** FIELD VERIFY EXISTING PIPE END LOCATION & DISCHARGE ELEVATION

FILE NAME : S:\FinalDesign\MIL\10302087 EIRoads\c\ds\030202 mq dra.ppt

PROJECT NO:1030-20-87

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

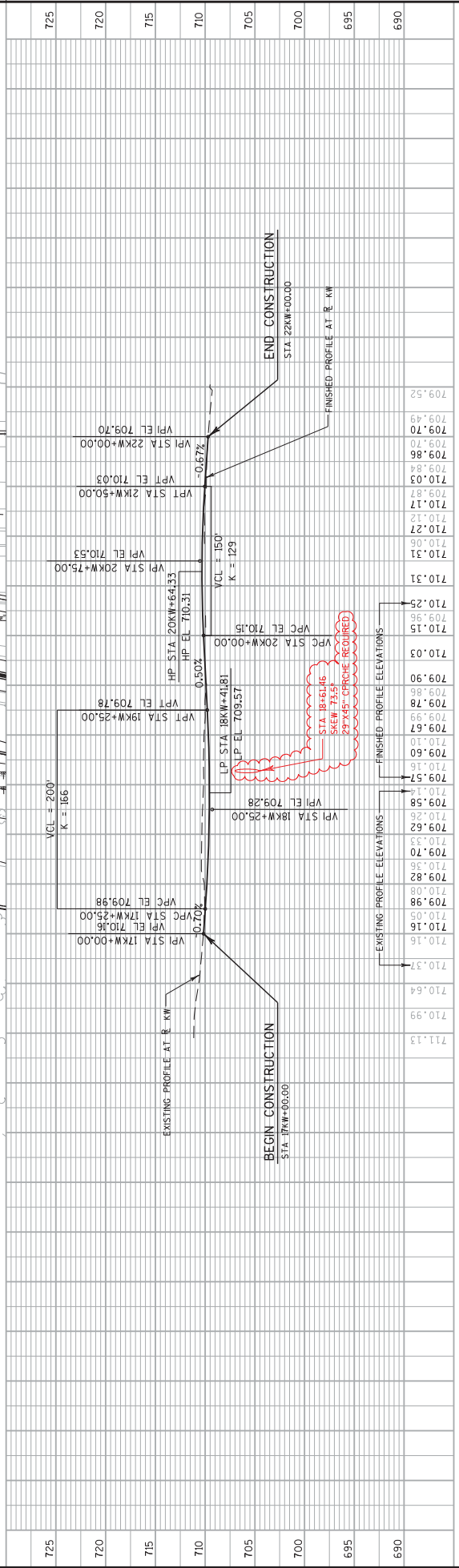
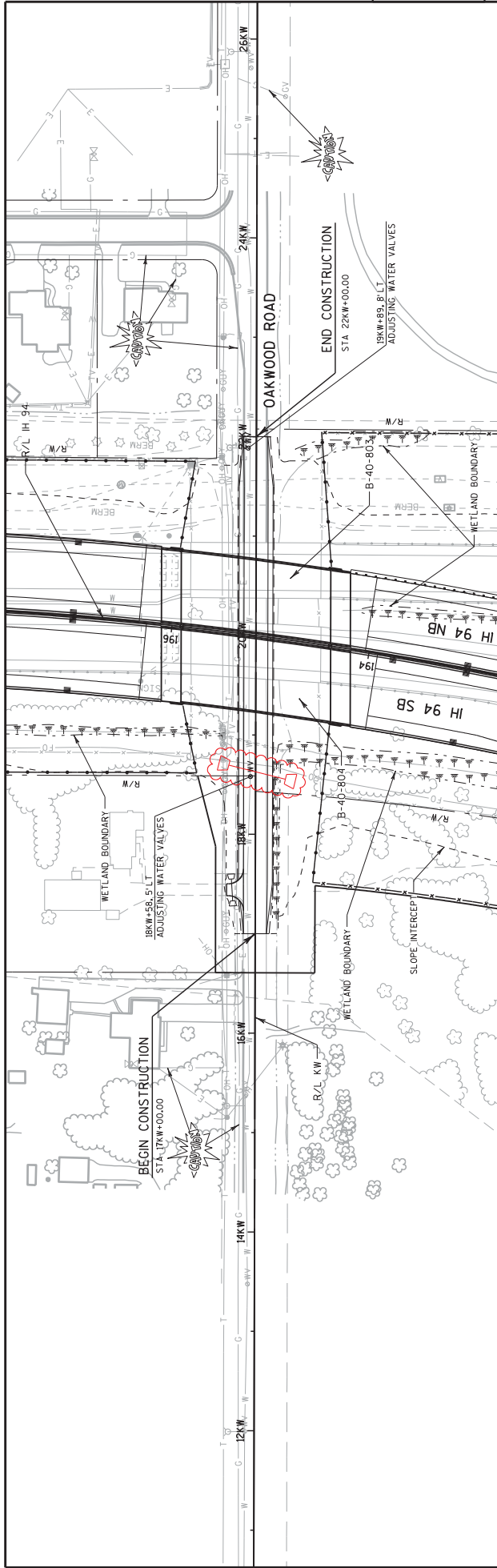
SHEET: 377

PLOT NAME : 030202 mq dra9 PLOT SCALE : 1:1

PLOT DATE: 6/29/2018 5:53:57 PM

PLOT BY : MSCCEJ

PLOT SCALE : 1:1



Division 1 TEMPORARY WIDENING									
STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	
1213+00	121300.00	50.00	131.41	14.07	0.00	257.23	25.47	0.00	26971.24
1213+50	121350.00	50.00	203.83	14.39	0.00	310.41	26.35	0.00	27255.29
1214+00	121400.00	50.00	134.09	11.68	0.00	312.89	24.14	0.00	27544.04
1214+50	121450.00	50.00	148.32	11.44	0.00	261.49	21.41	0.00	27784.13
1215+00	121500.00	50.00	168.96	10.11	0.00	293.78	19.95	0.00	28057.95
1215+50	121550.00	50.00	165.15	11.33	0.00	309.36	19.85	0.00	28347.46
1216+00	121600.00	50.00	126.76	13.91	0.00	270.29	23.37	0.00	28594.38
1216+50	121650.00	50.00	128.88	10.72	0.00	236.70	22.81	0.00	28808.28
1217+00	121700.00	50.00	145.15	9.24	0.00	253.73	18.48	0.00	29043.53
1217+50	121750.00	50.00	140.19	67.05	0.00	264.20	70.64	0.00	29237.09
1218+00	121800.00	50.00	139.51	35.71	0.00	258.98	95.15	0.00	29400.92
1218+50	121850.00	50.00	199.75	0.00	0.00	314.13	33.06	0.00	29681.99
1219+00	121900.00	50.00	279.60	0.05	0.00	443.84	0.05	0.00	30125.79
1219+50	121950.00	50.00	339.60	1.32	0.00	573.33	1.27	0.00	30697.85
1220+00	122000.00	50.00	341.82	0.00	0.00	630.94	1.22	0.00	31327.57
1220+50	122050.00	50.00	353.04	0.67	0.00	643.39	0.62	0.00	31970.34
1221+00	122100.00	50.00	356.45	2.03	0.00	656.94	2.50	0.00	32624.78
1221+15 BK	122115.00	15.00	353.94	1.12	0.00	197.33	0.88	0.00	32821.23
Column totals						52300.38	19478.15	0.00	

(CONTINUED)

Division 4 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
196+19	AH	19618.50	54.12	19.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7139.60
196+50		19650.00	56.78	100.56	0.00	64.69	69.77	0.00	64.69	69.77	0.00	-7144.68
197+00		19700.00	124.72	170.28	0.00	168.06	250.78	0.00	232.75	320.54	0.00	-7227.40
197+50		19750.00	50.18	165.10	0.00	161.94	310.54	0.00	394.69	631.08	0.00	-7375.99
198+00		19800.00	49.29	162.77	0.00	92.10	303.58	0.00	486.79	934.66	0.00	-7587.47
198+50		19850.00	49.17	165.36	0.00	91.17	303.82	0.00	577.96	1238.49	0.00	-7800.13
199+00		19900.00	52.75	167.83	0.00	94.37	308.51	0.00	672.33	1547.00	0.00	-8014.27
199+50		19950.00	61.19	202.37	0.00	105.50	342.78	0.00	777.83	1889.78	0.00	-8251.55
200+00		20000.00	83.35	226.83	0.00	133.83	397.41	0.00	911.66	2287.18	0.00	-8515.12
200+50		20050.00	0.00	127.75	0.00	77.18	328.31	0.00	988.84	2615.50	0.00	-8766.26
201+00		20100.00	109.03	195.26	0.00	100.95	299.08	0.00	1089.79	2914.58	0.00	-8964.39
201+50		20150.00	126.74	239.89	0.00	218.31	402.92	0.00	1308.10	3317.50	0.00	-9149.00
202+00		20200.00	132.98	236.15	0.00	240.48	440.78	0.00	1548.58	3758.28	0.00	-9349.30
202+50		20250.00	135.55	270.74	0.00	248.64	469.34	0.00	1797.22	4227.62	0.00	-9570.00
203+00		20300.00	139.82	276.63	0.00	254.97	506.82	0.00	2052.19	4734.44	0.00	-9821.85
203+50		20350.00	145.10	1.71	0.00	263.81	257.72	0.00	2316.01	4992.16	0.00	-9815.76
204+00		20400.00	145.58	1.46	0.00	269.15	2.94	0.00	2585.15	4995.10	0.00	-9549.55
204+50		20450.00	136.14	5.17	0.00	260.85	6.14	0.00	2846.01	5001.24	0.00	-9294.83
205+00		20500.00	136.45	9.94	0.00	252.40	13.99	0.00	3098.40	5015.23	0.00	-9056.43
205+50		20550.00	141.09	10.49	0.00	256.98	18.92	0.00	3355.39	5034.15	0.00	-8818.36
206+00		20600.00	140.30	10.79	0.00	260.55	19.70	0.00	3615.93	5053.85	0.00	-8577.52
206+50		20650.00	139.13	9.31	0.00	258.73	18.61	0.00	3874.66	5072.46	0.00	-8337.40
207+00		20700.00	139.72	8.67	0.00	258.19	16.65	0.00	4132.86	5089.11	0.00	-8095.85
207+50		20750.00	139.41	7.77	0.00	258.45	15.22	0.00	4391.31	5104.33	0.00	-7852.62
208+00		20800.00	137.31	8.53	0.00	256.22	15.09	0.00	4647.53	5119.42	0.00	-7611.49
208+50		20850.00	132.61	12.42	0.00	249.93	19.40	0.00	4897.46	5138.82	0.00	-7380.96
209+00		20900.00	123.71	3.17	0.00	237.33	14.44	0.00	5134.79	5153.26	0.00	-7158.07
209+50		20950.00	127.94	2.78	0.00	233.01	5.51	0.00	5367.80	5158.77	0.00	-6930.57
210+00		21000.00	126.98	2.95	0.00	236.04	5.31	0.00	5603.84	5164.07	0.00	-6699.83
210+50		21050.00	119.70	3.47	0.00	228.41	5.94	0.00	5832.25	5170.02	0.00	-6477.37
211+00		21100.00	122.04	3.57	0.00	223.83	6.52	0.00	6056.08	5176.54	0.00	-6260.06
211+50		21150.00	129.98	2.86	0.00	233.35	5.95	0.00	6289.43	5182.49	0.00	-6032.66
212+00		21200.00	131.98	2.93	0.00	242.56	5.36	0.00	6531.99	5187.85	0.00	-5795.46
212+50		21250.00	129.43	2.99	0.00	242.05	5.48	0.00	6774.03	5193.33	0.00	-5558.90
213+00		21300.00	131.31	3.13	0.00	241.43	5.67	0.00	7015.46	5199.00	0.00	-5323.14
213+50		21350.00	135.16	2.77	0.00	246.73	5.46	0.00	7262.19	5204.46	0.00	-5081.87
214+00		21400.00	136.21	2.73	0.00	251.27	5.09	0.00	7513.46	5209.55	0.00	-4835.69
214+50		21450.00	136.39	2.78	0.00	252.41	5.10	0.00	7765.87	5214.66	0.00	-4588.39
215+00		21500.00	134.49	2.95	0.00	250.81	5.31	0.00	8016.68	5219.96	0.00	-4342.88

(CONTINUED ON NEXT SHEET)

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PLOT DATE: 6/26/2018 2:43:23 PM

PLOT BY: NSCDMS

PLOT NAME: 090101_ew2

PLOT SCALE: 1:1

(CONTINUED)

Division 4 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
215+50	21550.00	50.00	131.59	2.96	0.00	246.37	5.47	0.00	8263.05	5225.43	0.00	-4101.98
216+00	21600.00	50.00	132.58	3.02	0.00	244.60	5.54	0.00	8507.65	5230.97	0.00	-3862.92
216+50	21650.00	50.00	128.21	3.49	0.00	241.47	6.03	0.00	8749.13	5237.00	0.00	-3627.47
217+00	21700.00	50.00	125.60	3.71	0.00	235.01	6.67	0.00	8984.14	5243.66	0.00	-3399.13
217+50	21750.00	50.00	130.26	3.86	0.00	236.91	7.01	0.00	9221.04	5250.67	0.00	-3169.23
218+00	21800.00	50.00	132.10	3.47	0.00	242.93	6.79	0.00	9463.97	5257.46	0.00	-2933.09
218+50	21850.00	50.00	133.91	3.73	0.00	246.31	6.67	0.00	9710.28	5264.13	0.00	-2693.45
219+00	21900.00	50.00	137.24	3.87	0.00	251.06	7.04	0.00	9961.34	5271.16	0.00	-2449.43
219+50	21950.00	50.00	124.98	4.87	0.00	242.80	8.09	0.00	10204.14	5279.26	0.00	-2214.72
220+00 BK	22000.00	50.00	121.92	5.28	0.00	228.61	9.40	0.00	10432.75	5288.66	0.00	-1995.51
Column totals						19370.46	21365.97	0.00				

PROJECT NO:1030-20-87

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 934

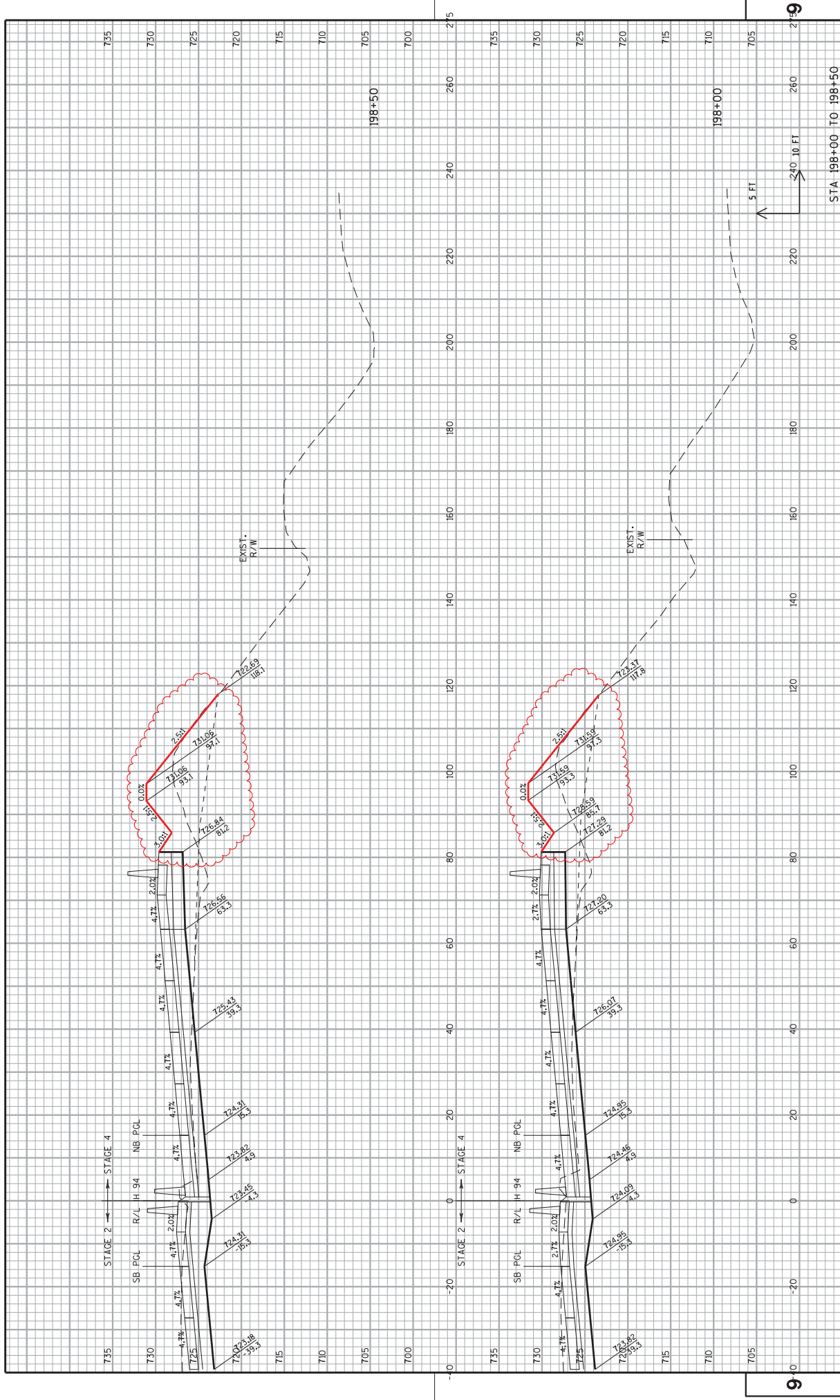
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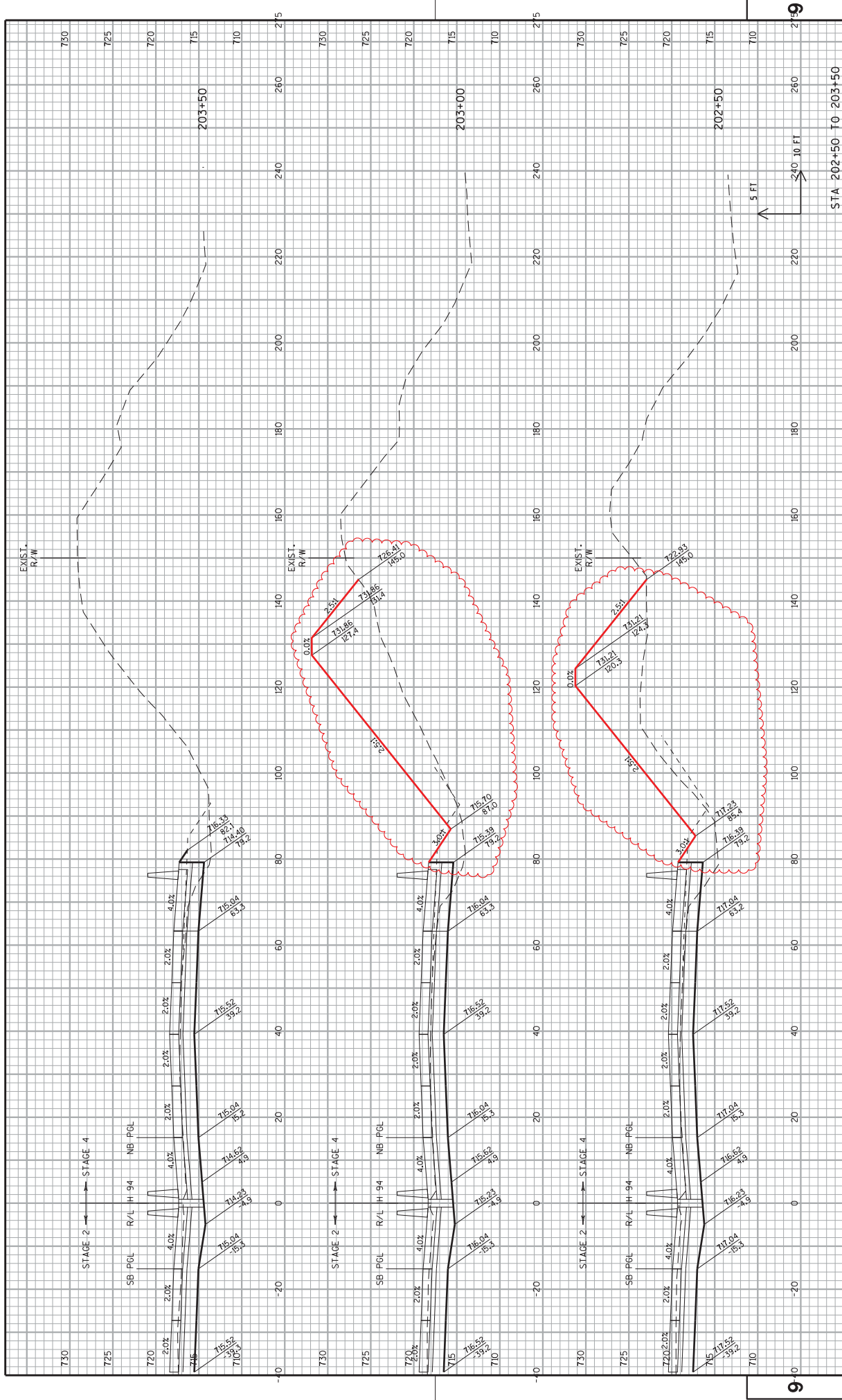
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PLOT BY: MSCDLIS

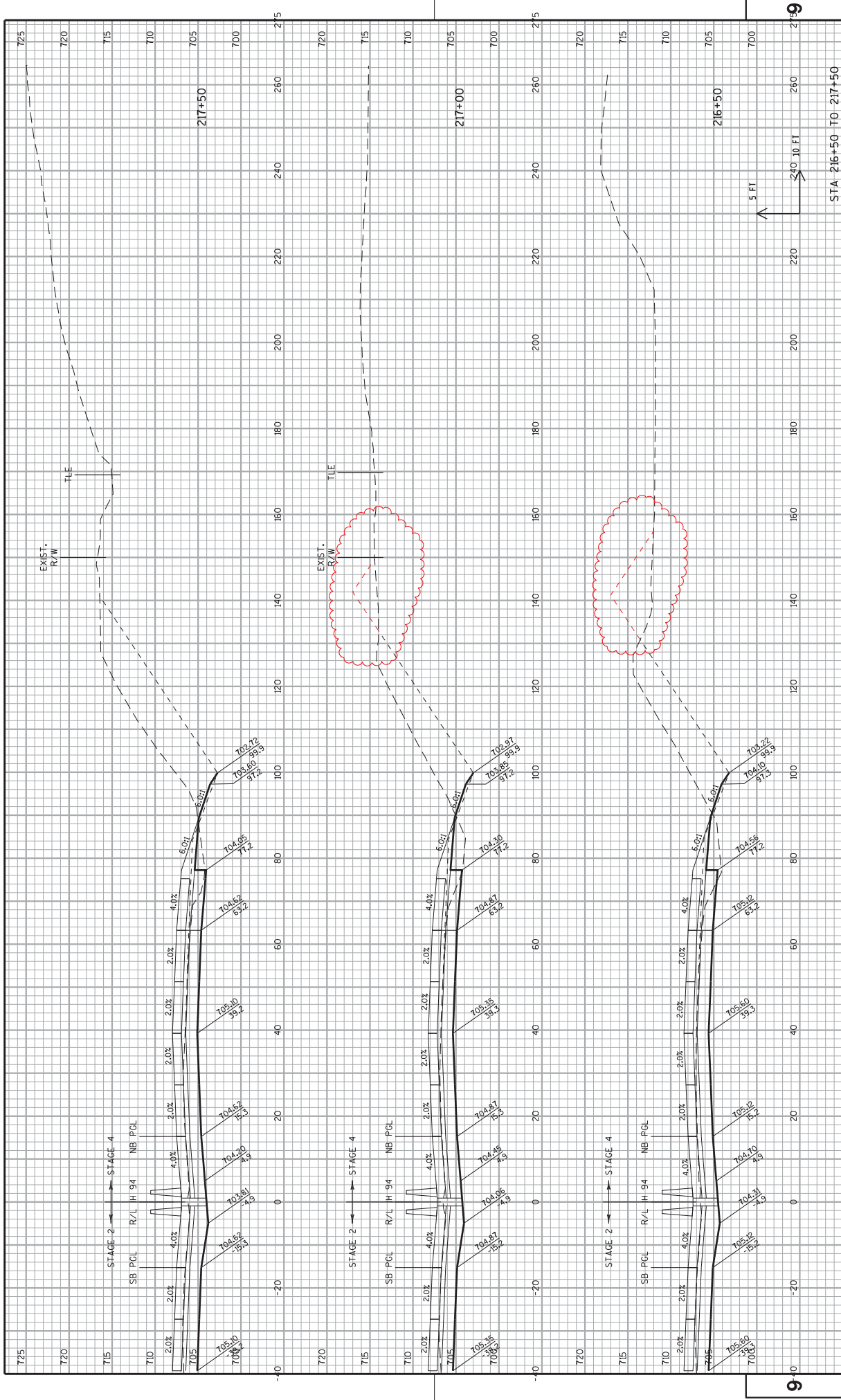
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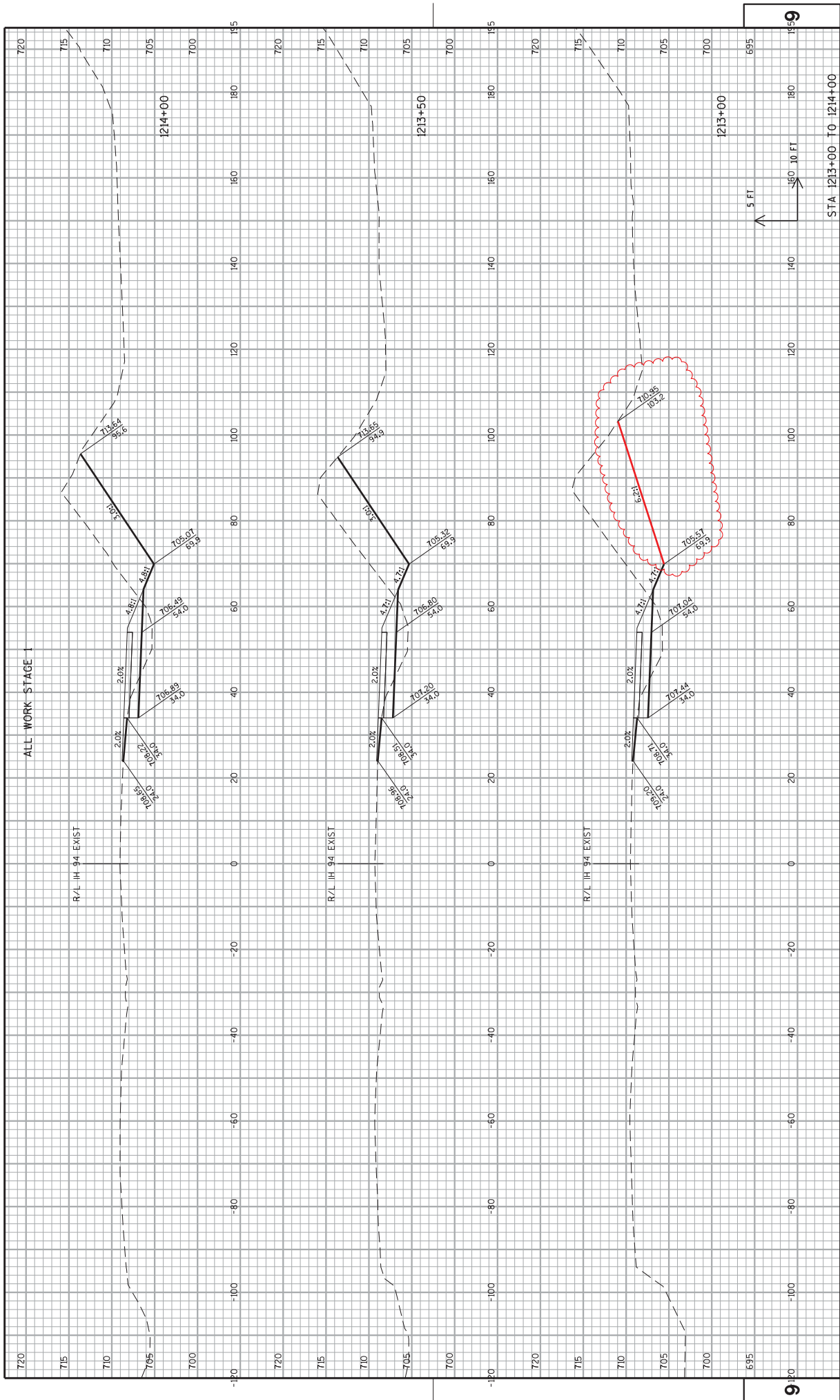
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ALL WORK STAGE 1

