

SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
2	6	8	9										09/SAF		EXT	TOTAL			
20													LS	SPECIAL	69091000	LS		ROADWAY	
																		AS-BUILT CONSTRUCTION PLANS	2
													1,000	832	30000	1,000	EACH	EROSION CONTROL	
																		DRAINAGE	
													20	611	00400	20	FT	4" CONDUIT, TYPE E	
																		TRAFFIC CONTROL	
			1										1	630	72560	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 14	
			5										5	630	79200	5	EACH	SIGN ATTACHMENT ASSEMBLY, MAST ARM	
			23										23	630	80100	23	SF	SIGN, FLAT SHEET	
			23										23	630	80224	23	SF	SIGN, OVERHEAD EXTRUSHEET	
			1										1	630	84510	1	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
				2									2	630	84900	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				4									4	630	97700	4	EACH	SIGNING, MISC.: REMOVAL OF SIGN POST REFLECTOR	2
				45										646	10400	45	FT	STOP LINE	
																		TRAFFIC SIGNALS	
				30									30	625	25500	30	FT	CONDUIT, 3", 725.04	
				136									136	625	25902	136	FT	CONDUIT, JACKED OR DRILLED, 725.04, 4"	
				30									30	625	29000	30	FT	TRENCH	
				3									3	625	30706	3	EACH	PULL BOX, 725.08, 24"	
			1	3									4	625	32000	4	EACH	GROUND ROD	
				30									30	625	36011	30	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	3
				1									1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL (MAH-7 CONTROLLER)	
				6									6	632	05006	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK	
				6									6	632	25000	6	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
				507									507	632	40500	507	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
				115									115	632	40700	115	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
				2									2	632	64010	2	EACH	SIGNAL SUPPORT FOUNDATION	
				30									30	632	69300	30	FT	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG	
				1									1	632	70001	1	EACH	POWER SERVICE, AS PER PLAN	3
				1									1	632	71244	1	EACH	SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 6 POLE, WITH MAST ARMS TC-81.22 DESIGN 12 AND DESIGN 4	
				1									1	632	72130	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12	
				1									1	633	65511	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	3
				1									1	633	67101	1	EACH	CABINET FOUNDATION, AS PER PLAN	3
				1									1	633	67201	1	EACH	CONTROLLER WORK PAD, AS PER PLAN	3
				1									1	633	75001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	2
				2									2	809	69001	2	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	3
				2									2	809	69101	2	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	3
				1									1	809	69123	1	EACH	ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL ONLY)	4
																		MAINTENANCE OF TRAFFIC	
													40	614	11110	40	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													9	619	16010	9	MNTH	FIELD OFFICE, TYPE B	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

JMW

REVIEWER

RMM 5-15-25

PROJECT ID

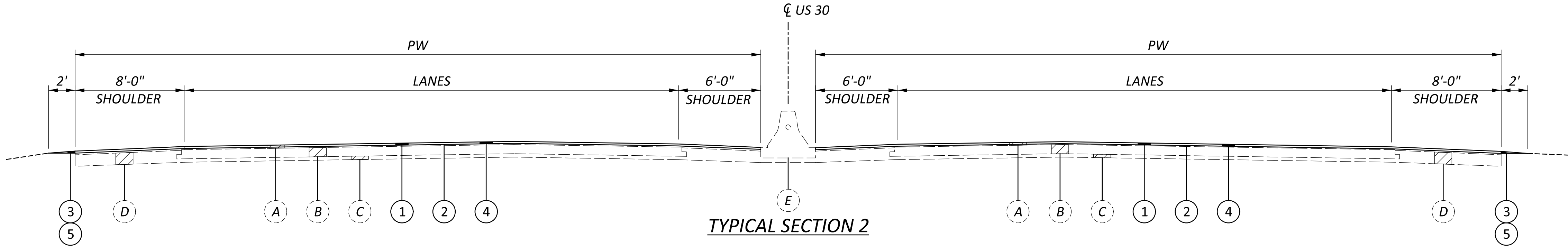
119106

SHEET

P.7

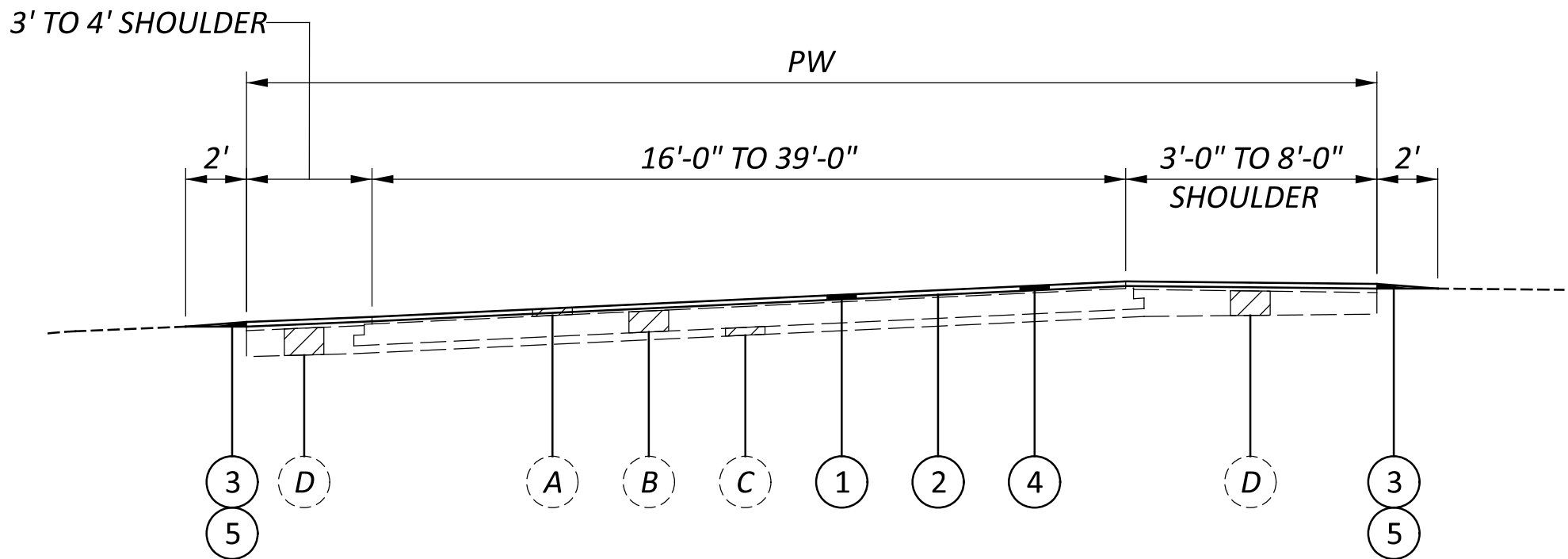
TOTAL

13



TYPICAL SECTION 2 (WESTBOUND)				
ROUTE	SLM		PW	LENGTH
	FROM	TO	(FEET)	(MILES)
US 30	13.36	13.42	56	0.06
US 30	13.50	13.95	52	0.45
US 30	13.95	14.15	60	0.20
US 30	14.15	14.43	52	0.28
US 30	14.43	14.77	74	0.34
US 30	14.80	14.90	52	0.10
US 30	15.04	15.10	66	0.06
US 30	15.21	15.26	52	0.05
US 30	15.31	15.55	78	0.24
US 30	15.55	15.62	66	0.07
US 30	15.65	15.71	78	0.06
US 30	15.71	15.84	52	0.13
US 30	15.89	15.98	70	0.09
US 30	16.10	16.38	54	0.28
US 30	16.41	16.44	56	0.03
US 30	16.48	16.49	56	0.01
TOTAL =				2.45

TYPICAL SECTION 2 (EASTBOUND)				
ROUTE	SLM		PW	LENGTH
	FROM	TO	(FEET)	(MILES)
US 30	13.36	13.42	62	0.06
US 30	13.48	13.88	50	0.40
US 30	13.88	14.03	70	0.15
US 30	14.03	14.36	50	0.33
US 30	14.36	14.41	80	0.05
US 30	14.41	14.60	70	0.19
US 30	14.60	14.74	80	0.14
US 30	14.77	14.87	40	0.10
US 30	15.01	15.07	38	0.06
US 30	15.17	15.22	52	0.05
US 30	15.27	15.60	65	0.33
US 30	15.63	15.68	76	0.05
US 30	15.68	15.80	52	0.12
US 30	15.80	15.81	90	0.01
US 30	15.86	15.96	70	0.10
US 30	16.09	16.36	50	0.27
US 30	16.40	16.43	50	0.03
US 30	16.46	16.49	50	0.03
TOTAL =				2.14



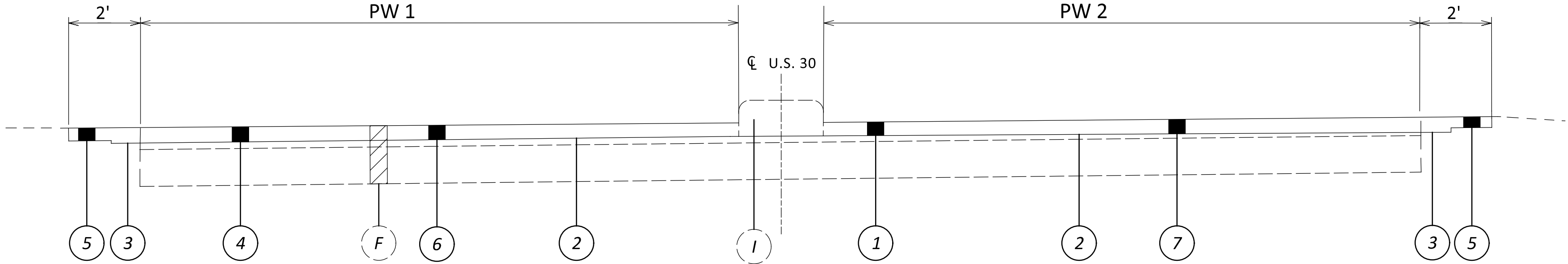
TYPICAL SECTION 3 APPLIES:		
ROUTE	PW	LENGTH
	(FEET)	(FEET)
RAMP P	24.00	2152.00
RAMP R	30.00	1765.00
RAMP T	36.00	1367.00
RAMP B	26.00	1071.87
RAMP H	26.00	1228.70
RAMP W-C	27.00	1504.00
RAMP C-E	22.00	1052.00
RAMP O	30.00	1500.00
RAMP Q	22.00	950.00
RAMP S	24.00	979.00
RAMP A	39.00	1187.34
RAMP D	36.00	237.53
RAMP E	29.00	866.32
RAMP CS-W	24.00	822.00
RAMP E-C	26.00	783.00
TOTAL (MILES) =		3.31

Removed Ramp CN-W from table above

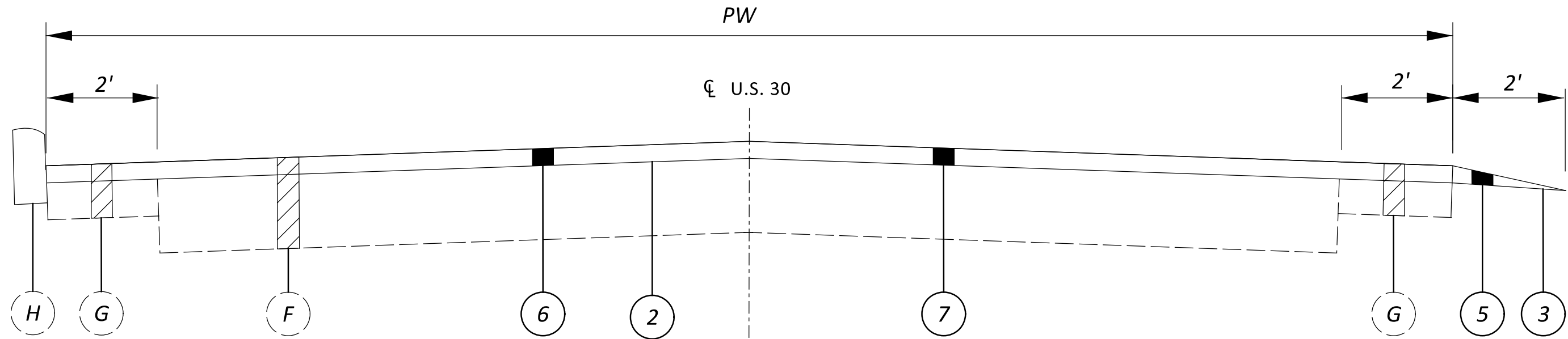
NOTES:

- ACCEL/DECEL LANES ARE INCLUDED IN MAINLINE PAVING WIDTHS
- WESTBOUND SLM 15.00 TO SLM 16.46 AND EASTBOUND ON-RAMP (RAMP O) FROM RAFF RD.
- SEE PAVEMENT CALCULATIONS, SHEET P.24, FOR RAMP LOCATIONS.

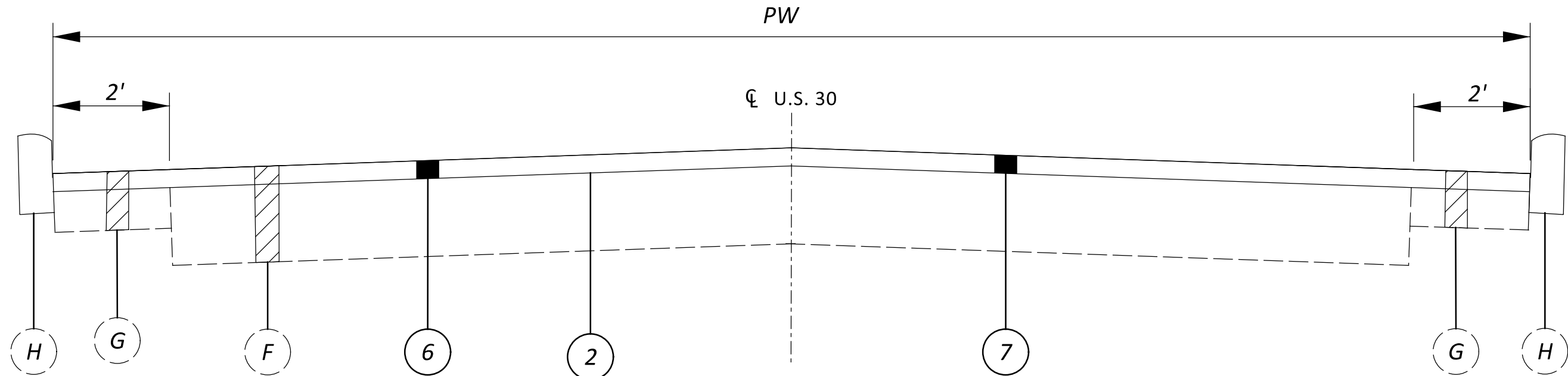




TYPICAL SECTION 4



TYPICAL SECTION 5



TYPICAL SECTION 6

LEGEND CONTD.

- 6 ITEM 897 PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1")
- 7 ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (T=1")
- 8 NOT USED
- 9 ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449) PG 70-22M (T=1") *

- F EXISTING ASPHALT CONCRETE PAVEMENT (VARIES FROM 9.5" TO 12")
- G EXISTING ASPHALT CONCRETE SHOULDER (T=8")
- H EXISTING CURB
- I EXISTING CONCRETE MEDIAN

* FOR USE IN INTERSECTIONS AND DRIVEWAYS ONLY

ROUTE	SLM		LENGTH (MILES)	AVG PW (FEET)	
	FROM	TO		PW 1 (WB)	PW 2 (EB)
US 30	19.23	19.29	0.06	37	37

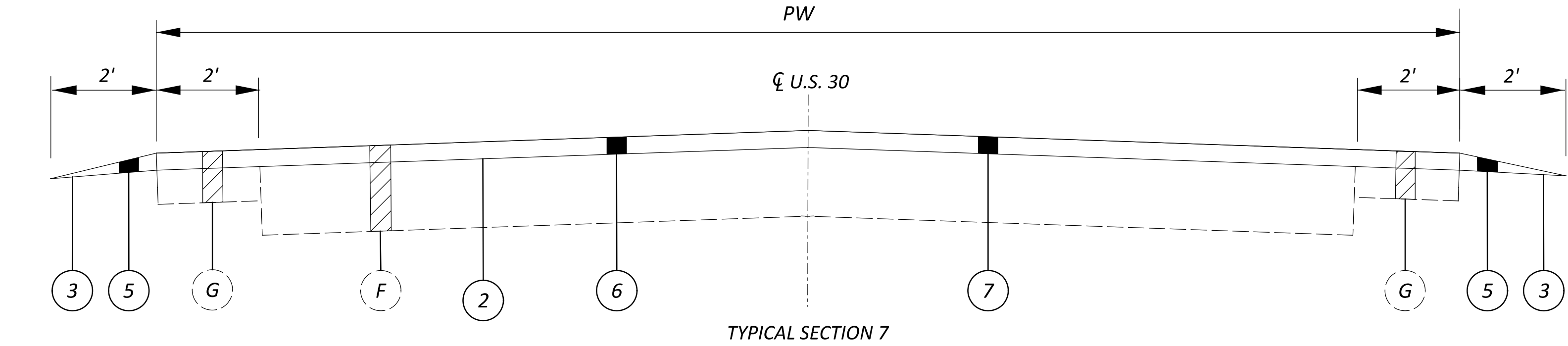
US 30	SLM		LENGTH (MILES)	AVG PW (FEET)
	FROM	TO		
US 30	19.29	19.37	0.08	55
US 30	19.37	20.73	1.36	38

ROUTE	SLM		LENGTH (MILES)	AVG PW (FEET)
	FROM	TO		
US 30	20.73	21.13	0.40	30
US 30	21.13	21.27	0.14	40
US 30	21.27	21.35	0.08	40
US 30	32.29	32.72	0.43	38
US 30	32.74	32.76	0.02	38

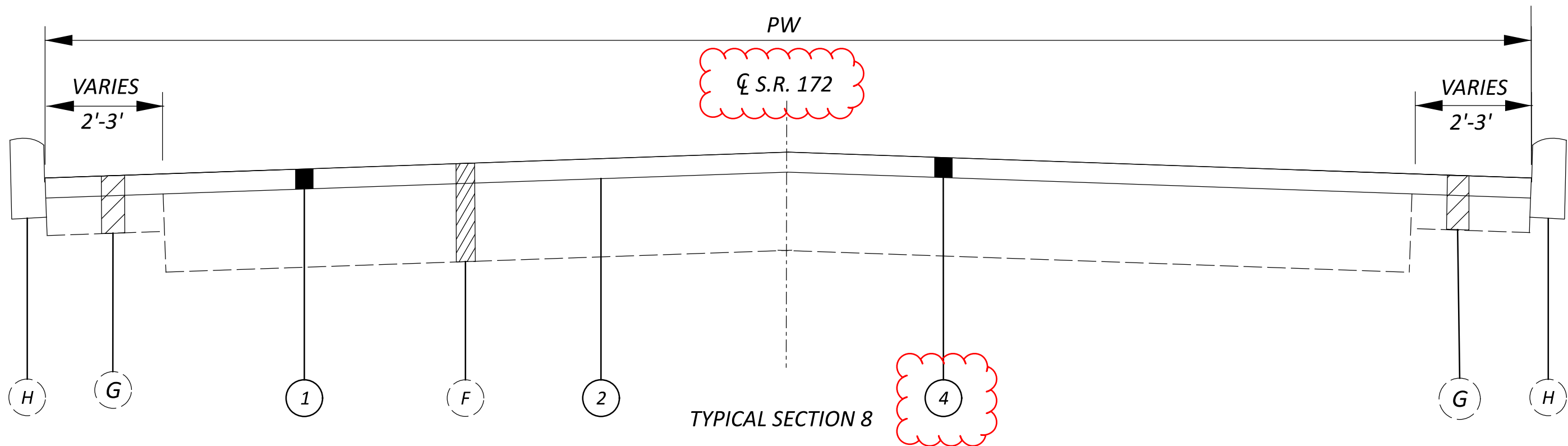
NOTE: BRIDGE ON SLM 32.72 TO SLM 32.74



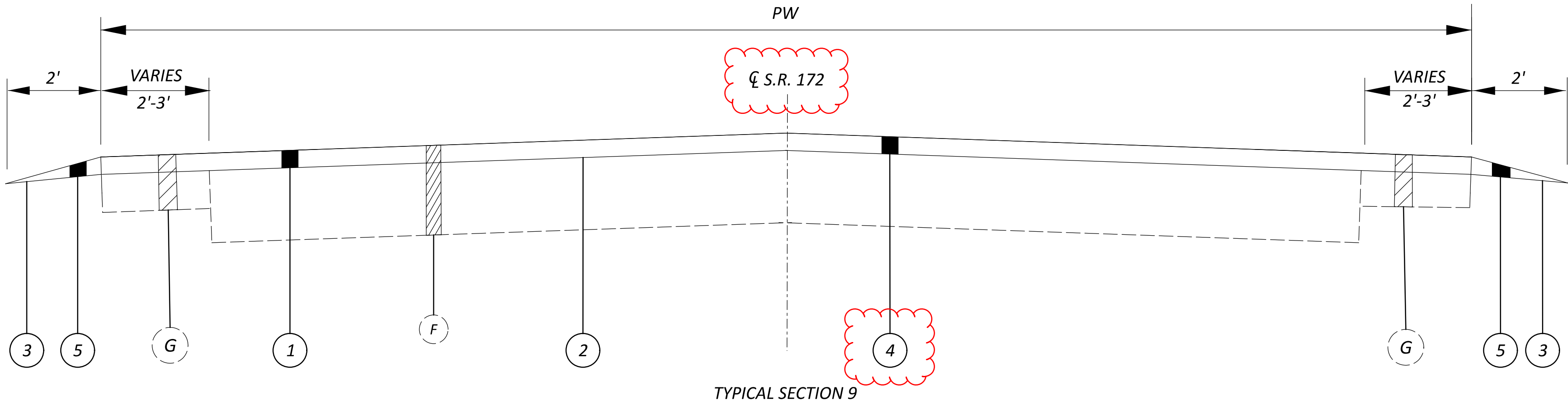
SEE SHEET P.3 AND P.5 FOR LEGEND



TYPICAL SECTION 7



TYPICAL SECTION 8



TYPICAL SECTION 9

US 30	SLM		LENGTH (MILES)	AVG PW (FEET)
	FROM	TO		
US 30	21.35	21.63	0.28	40
US 30	32.76	32.83	0.07	45
US 30	32.83	33.53	0.70	40

ROUTE	SLM		LENGTH (MILES)	AVG PW (FEET)
	FROM	TO		
SR 172	19.45	19.48	0.03	40
SR 172	19.53	19.59	0.06	30

ROUTE	SLM		LENGTH (MILES)	AVG PW (FEET)
	FROM	TO		
SR 172	19.59	19.66	0.07	30



DETOURS FOR US 30 RAMPS						
RAMP	RAMP DESCRIPTION	DURATIONS	DETOUR ROUTE	APROX. NUMBER OF PCMS	ADDITIONAL RESTRICTIONS	DISINCENTIVE PER CALENDAR DAY
RAMP C-E	CHERRY AVE TO US 30 EAST	1 WEEKEND (6PM FRIDAY TO 6AM MONDAY)	US 30 WEST / HARRISON AVE / US 30 EAST	4	SEE NOTE 1 BELOW.	\$2,000
RAMP CS-W	11TH ST TO US 30 WEST	1 WEEKEND (6PM FRIDAY TO 6AM MONDAY)	US 30 EAST / BELDEN AVE / US 30 WEST	3	SEE NOTE 1 BELOW.	\$5,000
RAMP E-C	US 30 WEST TO 11TH ST	1 WEEKEND (6PM FRIDAY - 6AM MONDAY)	US 30 WEST / HARRISON AVE	3	SEE NOTE 1 BELOW.	\$2,000
RAMP O	US 30 WEST TO RAFF RD (SR 297)	2 WEEKENDS (6PM FRIDAY - 6AM MONDAY)	US 30 WEST / SR 627 (RICHVILLE DR) / US 30 EAST	3	SEE NOTE 1 BELOW.	\$8,000
RAMP P	RAFF RD (SR 297) TO US 30 EAST	2 WEEKENDS (6PM FRIDAY - 6AM MONDAY)	US 30 WEST / WHIPPLE AVE / US 30 EAST	3	SEE NOTE 1 BELOW.	\$3,000
RAMP T	HARRISON AVE TO US 30 EAST	2 CONSECUTIVE 10-DAY CLOSURES	US 30 WEST / SR 297 / US 30 EAST	0 PCMS (DETOUR SIGNS PROVIDED FOR 10-DAY CLOSURES)	SEE NOTE 1 BELOW.	\$5,000
RAMP W-C	US 30 EAST TO CHERRY AVE	2 WEEKENDS: 1 WEEKEND RAMP H AND 15.629 OVERLAY: 5PM FRIDAY TO 6AM MONDAY 1 WEEKEND 15.846 AND 15.987 OUTSIDE CONSTRUCTION: 6PM FRIDAY - 6AM MONDAY	US 30 EAST / BELDEN AVE / US 30 WEST	3	SEE NOTE 1 BELOW.	\$8,000

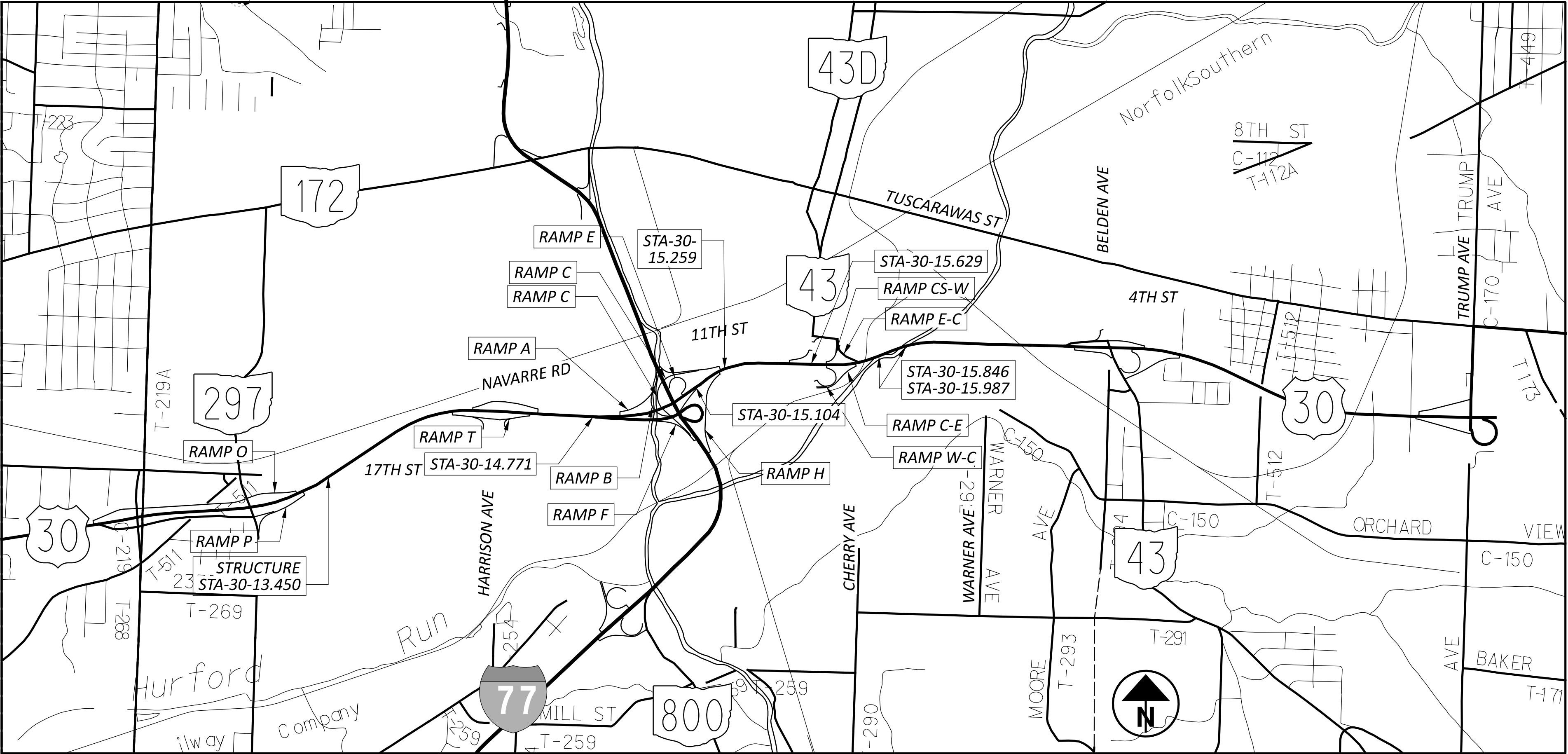
Removed Ramp CN-W from table above

NOTES:

1. CONCURRENT RAMP CLOSURES WITH CONFLICTING DETOUR ROUTES WILL NOT BE PERMITTED. THE CONTRACTOR SHALL CONFIRM THAT RAMP TRAFFIC IS APPROPRIATELY DETOURED DURING THE CLOSURE OF ANY RAMP.

RAMP NAME	DESCRIPTION
RAMP A	ENTRANCE RAMP FROM IR 77 SB TO US 30 WB
RAMP B	ENTRANCE RAMP FROM IR 77 SB TO US 30 EB
RAMP C-E	ENTRANCE RAMP FROM SR 43 NB TO US 30 EB
RAMP CS-W	ENTRANCE RAMP FROM 11TH ST SE TO US 30 WB
RAMP D	EXIT RAMP FROM US 30 WB TO IR 77 NB
RAMP E	ENTRANCE RAMP FROM IR 77 NB TO US 30 WB
RAMP E-C	EXIT RAMP FROM US 30 WB TO 11TH ST SE
RAMP H	ENTRANCE RAMP FROM IR 77 NB TO US 30 EB
RAMP O	EXIT RAMP FROM US 30 WB TO RAFF ROAD
RAMP P	ENTRANCE RAMP FROM RAFF ROAD TO US 30 EB
RAMP Q	ENTRANCE RAMP FROM HARRISON AVE TO US 30 WB
RAMP R	EXIT RAMP FROM US 30 EB TO HARRISON AVE
RAMP S	EXIT RAMP FROM US 30 WB TO HARRISON AVE
RAMP T	ENTRANCE RAMP FROM HARRISON AVE TO US 30 EB
RAMP W-C	EXIT RAMP FROM US 40 EB TO SR 43 NB

Removed Ramp CN-W from table above



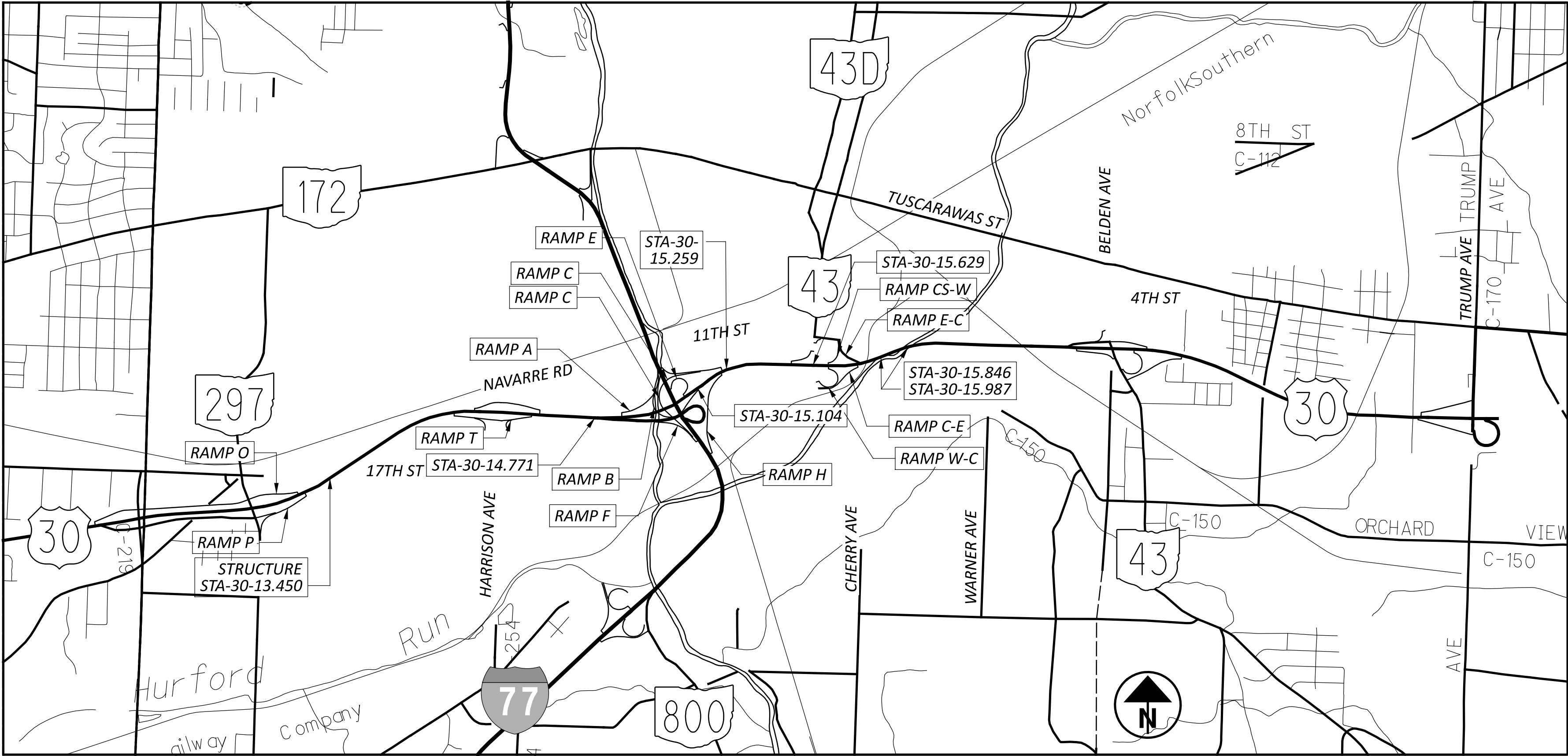
DETOUR FOR US 30 RAMPS AT I-77 INTERCHANGE						
RAMP	RAMP DESCRIPTION	DURATIONS	DETOUR ROUTE	APROX. NUMBER OF PCMS	ADDITIONAL RESTRICTIONS	DISINCENTIVE PER CALENDAR DAY
RAMP A	I-77 SOUTH TO US 30 WEST	1 WEEKEND (8PM FRIDAY TO 6AM MONDAY)	DURING 1 WEEKEND TO PAVE RAMP A: I-77 SOUTH / SR 800 / I-77 NORTH	3	SEE NOTE 1 BELOW.	\$20,000
RAMP B	I-77 SOUTH TO US 30 EAST	14 CONSECUTIVE CALENDAR DAYS FOR BRIDGE WORK AND 1 WEEKEND (8PM FRIDAY TO 6AM MONDAY) TO PAVE RAMP B	DURING WEEKEND CLOSURE: US30 WEST / RAFF (SR-297) / US30 EAST	2 PCMS (DETOUR SIGNS PROVIDED)	SEE NOTE 1 BELOW.	\$20,000
RAMP C	US 30 WEST TO I-77 SOUTH	14 CONSECUTIVE CALENDAR DAYS FOR BRIDGE WORK AND 1 WEEKEND (5PM FRIDAY TO 6AM MONDAY) TO PAVE RAMP C	I-77 NORTH / TUSCARAWAS AVE (SR172)	2 PCMS (DETOUR SIGNS PROVIDED)	SEE NOTE 1 BELOW.	\$5,000
RAMP D	US 30 WEST TO I-77 NORTH	2 WEEKENDS (5PM FRIDAY TO 6AM MONDAY) FOR BRIDGE WORK, 1 WEEKEND (5PM FRIDAY TO 6AM MONDAY) TO PAVE RAMP D	US 30 WEST / RAFF (SR-297) / US30 EAST / I-77 NORTH	3	SEE NOTE 1 BELOW.	\$20,000
RAMP E	I-77 NORTH TO US 30 WEST	1 WEEKEND (8PM FRIDAY TO 6AM MONDAY)	77 NORTH / TUSCARAWAS ST (SR 172) / 77 SOUTH	3	SEE NOTE 1 BELOW.	\$5,000
RAMP F	US 30 EAST TO I-77 SOUTH	1 WEEKEND (5PM FRIDAY TO 6AM MONDAY) FOR BRIDGE WORK, 1 WEEKEND (5PM FRIDAY TO 6AM MONDAY) TO PAVE RAMP F	I-77 NORTH / TUSCARAWAS AVE (SR172) / I-77 SOUTH	3	SEE NOTE 1 BELOW.	\$8,000
RAMP G	US 62 to I-77 NORTH	1 WEEKEND (5PM FRIDAY TO 6AM MONDAY) TO PAVE RAMP G	US 30 EAST / CHERRY / 11TH STREET / US 30 WEST	3	SEE NOTE 1 BELOW.	\$20,000
RAMP H	I-77 NORTH TO US 30 EAST	1 WEEKEND (8PM FRIDAY TO 6AM MONDAY)	77 NORTH / TUSCARAWAS ST (SR 172) / 77 SOUTH	3	SEE NOTE 1 BELOW.	\$10,000

NOTES:

1. CONCURRENT RAMP CLOSURES WITH CONFLICTING DETOUR ROUTES WILL NOT BE PERMITTED. THE CONTRACTOR SHALL CONFIRM THAT RAMP TRAFFIC IS APPROPRIATELY DETOURED DURING THE CLOSURE OF ANY RAMP.

RAMP NAME	DESCRIPTION
RAMP A	ENTRANCE RAMP FROM IR 77 SB TO US 30 WB
RAMP B	ENTRANCE RAMP FROM IR 77 SB TO US 30 EB
RAMP C-E	ENTRANCE RAMP FROM SR 43 NB TO US 30 EB
RAMP CS-W	ENTRANCE RAMP FROM 11TH ST SE TO US 30 WB
RAMP D	EXIT RAMP FROM US 30 WB TO IR 77 NB
RAMP E	ENTRANCE RAMP FROM IR 77 NB TO US 30 WB
RAMP E-C	EXIT RAMP FROM US 30 WB TO 11TH ST SE
RAMP H	ENTRANCE RAMP FROM IR 77 NB TO US 30 EB
RAMP O	EXIT RAMP FROM US 30 WB TO RAFF ROAD
RAMP P	ENTRANCE RAMP FROM RAFF ROAD TO US 30 EB
RAMP Q	ENTRANCE RAMP FROM HARRISON AVE TO US 30 WB
RAMP R	EXIT RAMP FROM US 30 EB TO HARRISON AVE
RAMP S	EXIT RAMP FROM US 30 WB TO HARRISON AVE
RAMP T	ENTRANCE RAMP FROM HARRISON AVE TO US 30 EB
RAMP W-C	EXIT RAMP FROM US 40 EB TO SR 43 NB

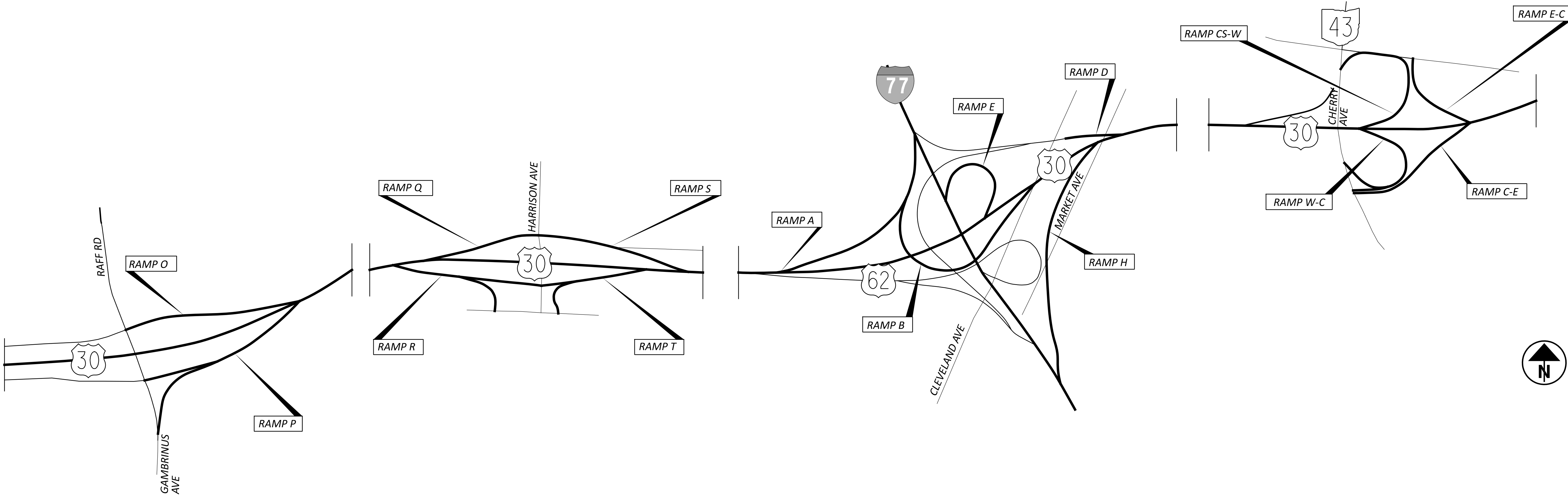
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GENERAL SUMMARY	
DESIGN AGENCY	
	
DESIGNER	
SPH	
REVIEWER	
MJP	03-28-25
PROJECT ID	
119106	
SHEET	TOTAL
P.22	55

GENERAL SUMMARY

GENERAL SUMMARY



BUTT JOINTS SHALL BE AS PER SCD BP-3.1

SLM RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	254	407	442	441		408	617										
							PAVEMENT PLANING, ASPHALT CONCRETE, (T=1.75")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), (T=1.75")	ANTI-SEGREGATION EQUIPMENT		PRIME COAT, AS PER PLAN @ 0.40 GAL/SY	COMPACTED AGGREGATE, AS PER PLAN, (T = 1" AVG.)										
			FT	FT	SY	SY	SY	GAL	CY	CY		GAL	CY										
EASTBOUND RAMPS																							
RAMP P	3		2152.00	24	5738.67		5738.67	516.48	278.96	209.22		382.58	53.14										
RAMP R	3		1765.00	30	5883.33		5883.33	529.50	286.00	228.80		313.78	43.58										
RAMP T	3		1367.00	36	5468.00		5468.00	492.12	265.81	221.50		243.02	33.75										
	3																						
RAMP B	3		1071.87	26	2463.90		2463.90	221.75	119.77	115.79		190.55	26.47										
RAMP H	3		1228.70	26	3549.58		3549.58	319.46	172.55	132.73		218.44	30.34										
RAMP W-C	3		1504.00	27	4512.00		4512.00	406.08	219.33	170.59		267.38	37.14										
RAMP C-E	3		1052.00	22	2571.56		2571.56	231.44	125.01	90.91		187.02	25.98										
WESTBOUND RAMPS																							
RAMP O	3		1500.00	30	5000.00		5000.00	450.00	243.06	194.44		266.67	37.04										
RAMP Q	3		950.00	22	2322.22		2322.22	209.00	112.89	82.10		168.89	23.46										
RAMP S	3		979.00	24	2610.67		2610.67	234.96	126.91	95.18		174.04	24.17										
RAMP A	3		1187.34	39	4098.52		4098.52	368.87	199.23	211.63		211.08	29.32										
RAMP D	3		237.53	36	950.12		950.12	85.51	46.19	38.49		42.23	5.86										
RAMP E	3		866.32	29	2747.04		2747.04	247.23	133.54	107.62		154.01	21.39										
RAMP CS-W	3		822.00	24	2192.00		2192.00	197.28	106.56	79.92		146.13	20.30										
RAMP E-C	3		783.00	26	2262.00		2262.00	203.58	109.96	84.58		139.20	19.33										
SUBTOTALS							52369.60	4713.26	2545.74	2063.51	0.00	3105.02	431.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS CARRIED TO GENERAL SUMMARY							52370	4714	2546	2064	0	3106	432	0	0	0	0	0	0	0	0	0	0

PAVEMENT CALCULATIONS - US 30 RAMPS

DESIGN AGENCY

DESIGNER

CLG

REVIEWER

MJA 03-28-25

PROJECT ID

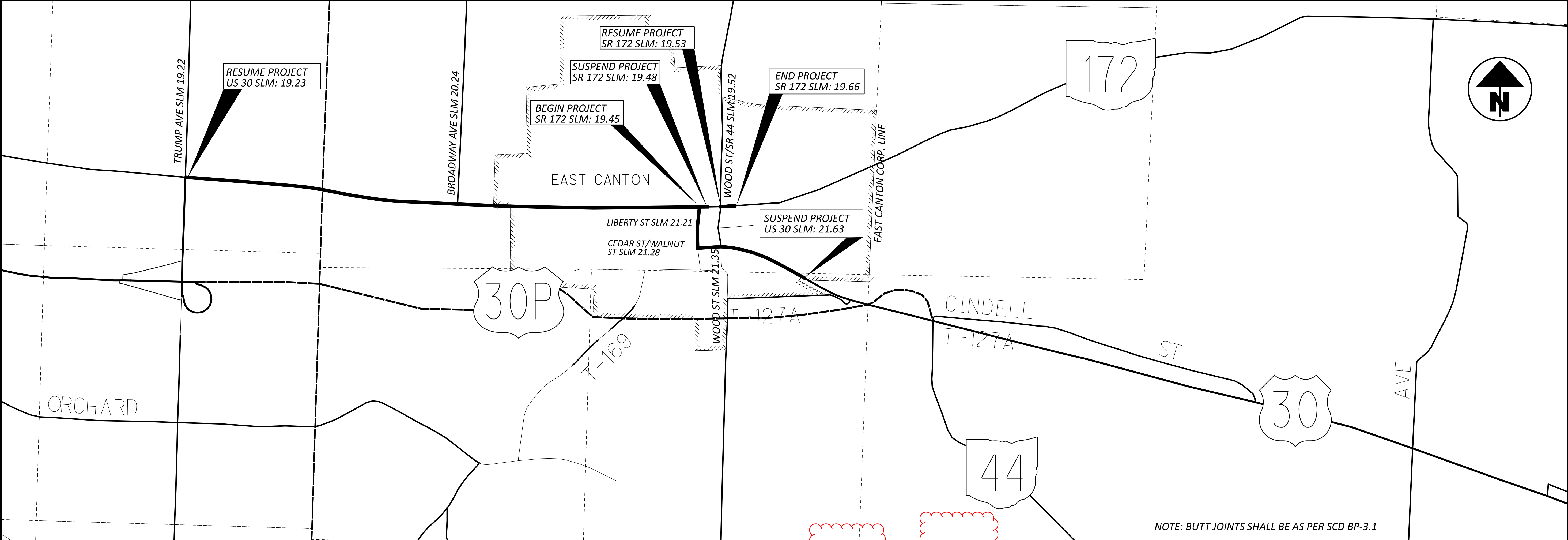
119106

SHEET

P.29

TOTAL

55



SLM RANGE			TYPICAL SECTION		SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA		897	424	407	617	408	442	441	254										
						FT	FT	SY			SY	CY	GAL	CY	GAL	CY	CY	SY										
US 30																												
19.23	TO	19.29	4	WB	316.80	37.00	1302.40				1302.40	36.18	104.19															
19.23	TO	19.29	4	EB	316.80	37.00	1302.40				1302.40	36.18	104.19															
19.29	TO	19.37	5	L/R	422.40	55.00	2581.33				2581.33	71.70	206.51	2.61	37.55													
19.37	TO	20.73	5	L/R	7180.80	38.00	30318.93				30318.93	842.19	2425.51	44.33	638.29													
20.73	TO	21.13	6	L/R	2112.00	30.00	7040.00				7040.00	195.56	563.20															
21.13	TO	21.27	6	L/R	739.20	40.00	3285.33				3285.33	91.26	262.83															
21.27	TO	21.35	6	L/R	422.40	40.00	1877.33				1877.33	52.15	150.19															
21.35	TO	21.63	7	L/R	1478.40	40.00	6570.67				6570.67	182.52	525.65	18.25	262.83													
SR 172																												
19.45	TO	19.48	8	L/R	158.40	40.00	704.00						56.32			34.22		704.00										
19.53	TO	19.59	8	L/R	316.80	30.00	1056.00						84.48			51.33		1056.00										
19.59	TO	19.66	9	L/R	369.60	30.00	1232.00						98.56	4.56	65.71	59.89		1232.00										
INTERSECTIONS																												
19.23	TO	21.13			VARIES	10.00		420.00			420.00		33.60				11.67											
21.13	TO	21.63			VARIES	10.00		180.00			180.00		14.40				5.00											
DRIVEWAYS																												
19.29	TO	20.73			VARIES	2.00		645.00			645.00		51.60				17.92											
21.35	TO	21.63			VARIES	2.00		245.00			245.00		19.60				6.81											
SUBTOTALS											55768.40	1507.73	4700.83	69.75	1004.37	145.44	41.39	2992.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS CARRIED TO GENERAL SUMMARY											55769	1508	4701	70	1005	146	42	2993	0	0	0	0	0	0	0	0	0	0

NOTE: BUTT JOINTS SHALL BE AS PER SCD BP-3.1

STA-30/VAR-13.15/VAR

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 10/29/2025 TIME: 1:10:03 PM PLTDR: OHDOT_PDF.plt USER: Joel.Filizimmors@dot.ohio.gov WORKSPACE: OHDOTCev02 WORKSET: 110713 PRODUCT: OpenRoads Designer 24.00.00.205
 pw:\lohiodot-pw-bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Stark\110713\400-Engineering\Roadway\Sheets\110713 GS002.dgn

EDGE LINE (807)														GENERAL SPEC: 640											
														MATERIAL TYPE: 646 / 807											
CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	WHITE EDGE LINE, 6"			YELLOW EDGE LINE, 6"			COMMENTS													
						TOTAL	HIGHWAY	RAMP	TOTAL	HIGHWAY	RAMP														
STA	US 30 EB	13.15	BEGIN PROJECT	16.52	END PROJECT	3.37	3.37		3.37	3.37		(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	US 30 WB	13.15	BEGIN PROJECT	16.52	END PROJECT	3.37	3.37		3.37	3.37		(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP P			0.34		0.34	0.25		0.25	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP R			0.24		0.24	0.24		0.24	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP T			0.17		0.17	0.17		0.17	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP B			0.32		0.32	0.37		0.37	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP H			0.33		0.33	0.33		0.33	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP W-C			0.18		0.18	0.21		0.21	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP C-E			0.19		0.19	0.19		0.19	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP O			0.23		0.23	0.22		0.22	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP Q			0.11		0.11	0.11		0.11	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP S			0.15		0.15	0.15		0.15	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP A			0.21		0.21	0.16		0.16	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP D			0.21		0.21	0.21		0.21	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
STA	30		RAMP E			0.15		0.15	0.16		0.16	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
												Removed Ramp CN-W													
STA	30		RAMP CS-W			0.10		0.10	0.11		0.11		(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)												
STA	30		RAMP E-C			0.13		0.13	0.14		0.14	(807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)													
TOTAL						9.80	6.74	3.06	9.75	6.74	3.01														
LANE LINE (807)																									
CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	TOTAL MILES	6" LANE LINE		COMMENTS																
							DASHED	SOLID																	
STA	US 30 EB	13.15	BEGIN PROJECT	13.41	END OF RAMP P	0.26	0.26		1 LANE LINE (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	13.41	END OF RAMP P	14.44	END OF RAMP T	2.06	2.06		2 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	14.44	END OF RAMP T	14.62	BEGINNING OF RAMP F	0.54	0.54		3 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	14.62	BEGINNING OF RAMP F	15.20	END OF STRUCTURE STA-30-15.104	0.58	0.58		1 LANE LINE (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	15.20	END OF STRUCTURE STA-30-15.104	15.32	END OF RAMP H	0.24	0.24		2 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	15.32	END OF RAMP H	15.66	BEGINNING OF RAMP W-C	1.02	1.02		3 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 EB	15.66	BEGINNING OF RAMP W-C	16.52	END PROJECT	1.72	1.72		2 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 WB	13.15	BEGIN PROJECT	13.38	BEGINNING OF RAMP O	0.23	0.23		1 LANE LINE (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 WB	13.38	BEGINNING OF RAMP O	15.30	BEGINNING OF RAMP D	3.84	3.84		2 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 WB	15.30	BEGINNING OF RAMP D	15.48	TAPER TO RAMP D	0.54	0.54		3 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
STA	US 30 WB	15.48	TAPER TO RAMP D	16.52	END PROJECT	2.08	2.08		2 LANE LINES (807 - WET REFLECTIVE EPOXY PAVEMENT MARKINGS)																
TOTAL						13.11	13.11																		
CENTER LINE																									
CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	TOTAL MILES	EQUIVALENT SOLID LINE	COMMENTS																	
TOTAL																									
AUXILIARY																									
CTY	ROUTE LOCATION	TRUE LOG	CHANNEL LINE, 8"	CHANNEL LINE, 12" (807)	STOP LINE	CROSS WALK LINES	TRANSVERSE DIAGONAL LINES		ISLAND MARKING	SYMBOL MARKINGS	LANE ARROWS				WRONG WAY ARROW	WORD ON PVMT		DOTTED LINES, 6" (807)	GROOVING RECESSED PAVEMENT MARKINGS						
							WHITE	YELLOW			TURN LEFT	TURN RIGHT	THRU	COMB.		ONLY			6" ASPHALT	6" ASPHALT	12" ASPHALT	6" CONCRETE	6" CONCRETE	12" CONCRETE	
																72"	96"								
STA	RAMP P			860														0.59		860					
STA	RAMP R			990	75							2			2			579	0.48	579	990				
STA	RAMP T			820														0.34		820					
STA	RAMP B			1160														0.69		1160					
STA	RAMP H			680														0.65		680					
STA	RAMP W-C			490	13										2			1870	0.39	1870	490				
STA	RAMP C-E			620														774	0.37	774	620				
STA	RAMP O			680	50									8	2			2564	0.45	2564	680				
STA	RAMP Q			680														680	0.21	680	680				
STA	RAMP S			510	40							3			2			680	0.30	680	510				
STA	RAMP A			700														1250	0.33	1250	700	0.05			
STA	RAMP D			670				134										881	0.42	881	670				
STA	RAMP E		Removed Ramp CN-W	366														840	0.30	840	366				
STA	RAMP CS-W			178														750	0.21	750	178				
STA	RAMP E-C			430	40										2			480	0.27	480	430				
STA	US 30 EB																								
STA	US 30 WB																								
TOTAL				9834	218			134					5			8	10		10668	30.8	10668	9834	1.85		

PAVEMENT MARKINGS SUBSUMMARY

DESIGN AGENCY	
	
DESIGNER	
CLG	
REVIEWER	
MJA 03-28-25	
PROJECT ID	
119106	
SHEET	TOTAL
P.36	55

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-2-15 REVISED 7/21/2023

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION(S):

843 REVISED 1/19/2024

844 REVISED 1/17/2025

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS, SECTIONS 102.05, 105.02, AND 513.04*. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

PROPOSED WORK

STA-77-5.870L (SFN 7603215), OVER PRAIRIE COLLEGE ST
-REPAIR DAMAGED BEAMS WITH HEAT STRAIGHTENING

STA-77-9.249CR (SFN 7603592), RAMP - IR 77 SB TO US 30 EB
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-REMOVE AND REPLACE THE INTERMEDIATE EXPANSION JOINT AS PER THE DETAILS IN THE PLANS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-13.450 (SFN 7607709), OVER 17TH STREET & NORFOLK SOUTHERN RR
-SPOT PAINT CORRODED AREAS ON GIRDER Q AND THE CROSS GIRDER
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-PATCH ALL UNSOUND AREAS OF THE CONCRETE PIERS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SCUPPER CLEANOUT
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

PROPOSED WORK CONT...

STA-30-13.942 (SFN 7607733), CARRYING CLARENDON AVE SW
-PATCH ALL UNSOUND AREAS OF THE CONCRETE PIERS AND BACKWALLS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS, WRAP PATCHES WITH COMPOSITE FIBER WRAP AND SEAL PATCHES AREAS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SCUPPER CLEANOUT
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-14.227 (SFN 7607776), CARRYING HARRISON AVE SW
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS, PIERS AND BACKWALLS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-SEAL THE CONCRETE RAILINGS AND PIER COLUMNS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SEAL THE CONCRETE SIDEWALK WITH NON-EPOXY SEALER (CLEAR COLOR)
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-REPAIR DAMAGED BEAMS WITH HEAT STRAIGHTENING
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-14.428 (SFN 7607806), CARRYING DUEBER AVE SW
-PATCH ALL UNSOUND AREAS OF THE CONCRETE PIERS AND BACKWALLS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-SEAL THE CONCRETE PIERS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-SCUPPER CLEANOUT
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-14.771 (SFN 7600925), OVER HENRY AVE SW
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-14.840CR (SFN 7600887), RAMP C - US 30 WB TO IR 77 SB
-FIELD PAINT 20 FEET OF THE FASCIA AND MEDIAN GIRDERS AT THE INTERMEDIATE HINGE JOINT
-REPAIR ANY DETERIORATED AREAS OF THE WEBS AND FLANGES AT THE INTERMEDIATE JOINT ROLLER FOR THE FASCIA AND MEDIAN GIRDERS. REPAIRS ARE TO BE DONE PRIOR TO FIELD PAINTING
-RESET AND REFURBISH THE INTERMEDIATE HINGE JOINT ASSEMBLY
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-REMOVE AND REPLACE THE ELASTOMERIC GLAND AT INTERMEDIATE EXPANSION JOINT 1
-REMOVE AND REPLACE THE NEOPRENE TROUGH GLAND UNDER THE SLIDING PLATE AT INTERMEDIATE EXPANSION JOINT 2
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

PROPOSED WORK CONT...

STA-30-14.906 (SFN 7600941), OVER IR 77
-FIELD PAINT 20 FEET OF THE FASCIA AND MEDIAN GIRDERS AT THE INTERMEDIATE HINGE JOINT
-REPAIR ANY DETERIORATED AREAS OF THE WEBS AND FLANGES AT THE INTERMEDIATE JOINT ROLLER FOR THE FASCIA AND MEDIAN GIRDERS. REPAIRS ARE TO BE DONE PRIOR TO FIELD PAINTING
-RESET AND REFURBISH THE INTERMEDIATE HINGE JOINT ASSEMBLY
-REMOVE AND REPLACE THE NEOPRENE TROUGH GLAND UNDER THE INTERMEDIATE SLIDING PLATE EXPANSION JOINT
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS WITH MICRO-SILICA CONCRETE. LOCATIONS TO BE PATCHED INCLUDE:
-SMALL PATCH ON EB SIDE ON CENTERLINE BETWEEN REAR AND INTERMEDIATE JOINTS
-EB SIDE FORWARD APPROACH ENTIRE RIGHT LANE
-ANY NON-VISIBLE DETERIORATION, QUANTITY HAS BEEN PROVIDED TO BE USED AS DIRECTED BY THE ENGINEER
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-CLEAN AND COAT ALL EXPOSED REINFORCEMENT OF THE CONCRETE PIERS WITH A ZINC RICH PRIMER
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS, THERE ARE ISOLATED SPALLS THROUGHOUT THE LEFT RAILING. SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-PATCH ALL UNSOUND AREAS OF THE DECK EDGES OVER RAMP C WITH 519 PATCHING AND COMPOSITE FIBER WRAP, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SCUPPER CLEANOUT
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-15.060CR (SFN 7600852), OVER CLEVELAND AVE SW
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-15.104 (SFN 7600860), OVER CLEVELAND AVE SW
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS FOR RAMP LANE ONLY
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE BACKWALLS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SCUPPER CLEANOUT
-REPAIR UNDERMINING AT REAR LEFT CORNER OF THE CONCRETE SLOPE PROTECTION USING LOW STRENGTH MORTAR (LSM)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-15.259 (SFN 7600844), OVER MARKET AVE S
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SCUPPER CLEANOUT
-PATCH ALL UNSOUND AREAS OF THE CONCRETE PIERS, SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

PROPOSED WORK CONT...

STA-30-15.629 (SFN 7600895), OVER CHERRY AVE
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SCUPPER CLEANOUT
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-15.846 (SFN 7600976), OVER NORFOLK AND WESTERN RR
-SCUPPER CLEANOUT
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-30-15.987 (SFN 7600984), OVER 11TH ST & NIMISHILLEN CREEK
-REMOVE AND REPLACE IN KIND THE ACCESS HATCH DOOR ON THE SOUTH SIDE OF THE STEEL PIER CAP
-REPLACE THE MISSING BOLTS ON THE BOTTOM FLANGE PLATE TO THE DIAPHRAGM OF BEAM K
-SPOT PAINT THE BOTTOM OF THE STEEL PIER CAP OVER THE EASTBOUND LANES OF 11TH STREET
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SCUPPER CLEANOUT

STA-30-32.702 (SFN 7601204), OVER BIG SANDY CREEK
-SEAL THE CONCRETE WEARING SURFACE WITH SRS

STA-62-18.573L (SFN 7602200), OVER HENRY AVE SW
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-62-18.573R (SFN 7602197), OVER HENRY AVE SW
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED TO DECK UNDERSIDE

STA-62-18.820R (SFN 7602219), OVER BR NIMISHILLEN CREEK
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

STA-62-18.910CR (SFN 7602235), RAMP F - US 30 EB TO IR 77 SB
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN, INCLUDING THE APPROACH SLABS
-RESET AND REFURBISH BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

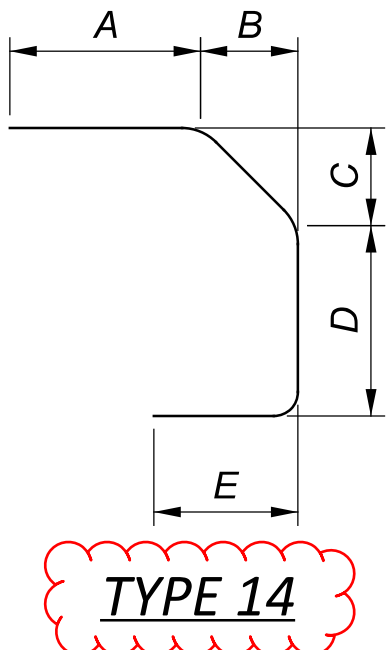
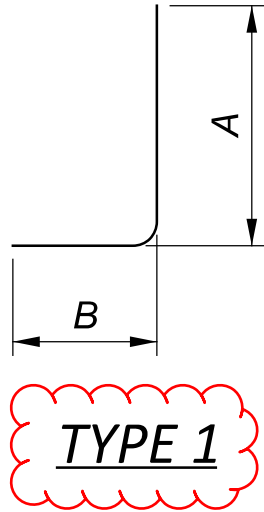
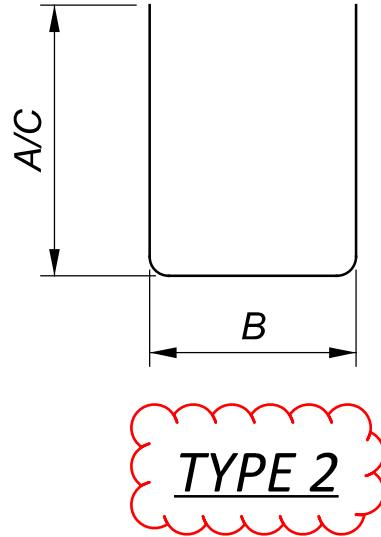
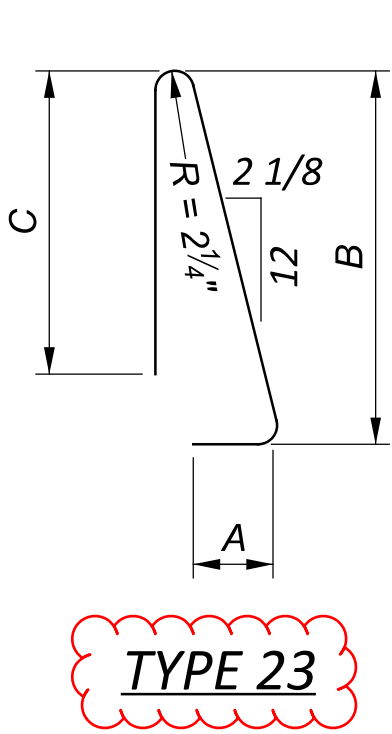
STA-43-12.363 (SFN 7601379), OVER NORFOLK SOUTHERN RR
-REPAIR PRESSURE RELIEF JOINTS AT THE FORWARD AND REAR APPROACHES
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

SFN	
VARIOUS	
DESIGN AGENCY	
DESIGNER	CHECKER
CLG	MJA
REVIEWER	
TJP 03-28-25	
PROJECT ID	
119106	
SUBSET	TOTAL
1	10
SHEET	TOTAL
P.42	55

MARK	NUMBER				LENGTH	WEIGHT (LBS)	TYPE	DIMENSIONS				
	REAR ABUT	FWD ABUT	SUPER	TOTAL				A	B	C	D	E
S601			24	24	19'-7"	706	STR					
S501			8	8	5'-8"	48	23	7 ½"	2'-7"	2'-4"		
S502			8	8	2'-1/2"	18	2	6 ¾"	1'-2"	6 ¾"		
S503			8	8	2'-7"	18	1	1'-8"	7"			
S504			8	8	3'-11"	33	14	9"	9"	11 ½"	11"	7 ½"
	SUPERSTRUCTURE SUB-TOTAL					823						
	ABUTMENT SUB-TOTAL					0						
	GRAND TOTAL					823						

THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, THE FIRST TWO DIGITS WHERE FOUR ARE USED, INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, P601 IS A NO. 6 BAR. BAR DIMENSIONS SHOWN ARE OUT TOOUT UNLESS OTHERWISE INDICATED. R INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED. "STD." WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BEND AT THE END OF THE BAR.

ALL REINFORNCING STEEL TO BE EPOXY COATED



[illegible]