

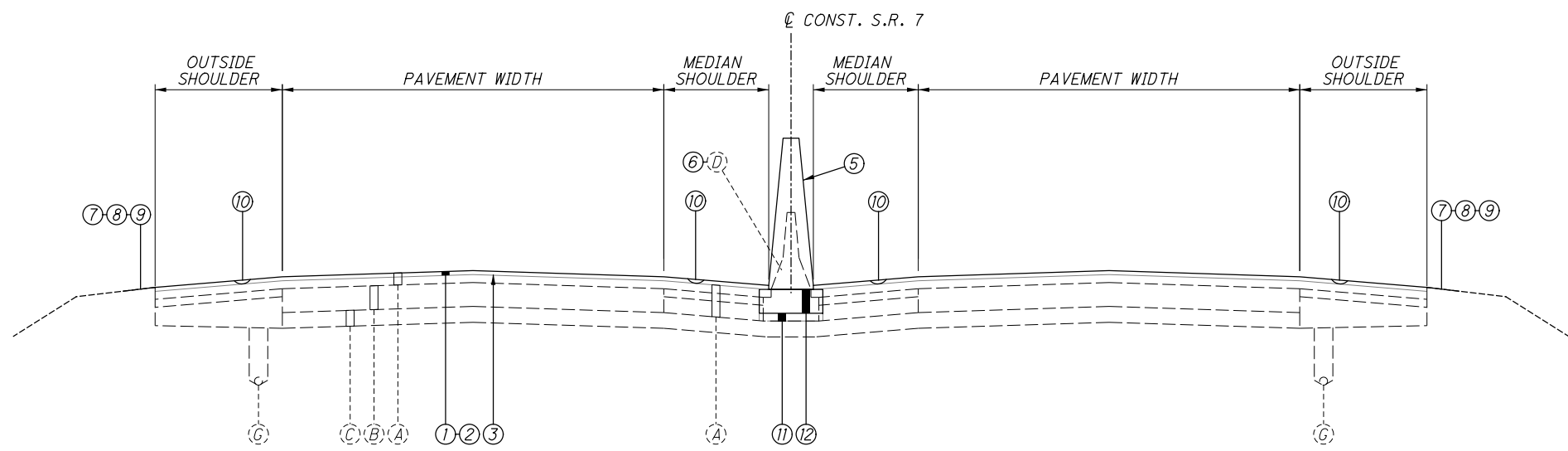
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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	10	26	27			44	45	52		01/ NHS/PV	02/ NFA/PV	03/ NFA/PV						
PAVEMENT																		
			60							60			251	01010	60	CY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
	3,240									3,240			254	01000	3,240	SY	PAVEMENT PLANING, ASPHALT CONCRETE (VARIES)	
	336,309									330,920	1,315	4,074	254	01000	336,309	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1-1/2")	
			960							960			255	10011	960	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN	27
		29,880	4,300							34,180			255	20000	34,180	FT	FULL DEPTH PAVEMENT SAWING	
81										81			301	46000	81	CY	ASPHALT CONCRETE BASE, PG64-22	
			1,108							1,108			304	20000	1,108	CY	AGGREGATE BASE	
			6,069							6,069			305	13010	6,069	SY	9" CONCRETE BASE, CLASS QC 1P	
	30,002									29,544	112	346	407	20000	30,002	GAL	NON-TRACKING TACK COAT	
	7,336									7,287	49		408	10001	7,336	GAL	PRIME COAT, AS PER PLAN	2
	225										55	170	441	50101	225	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M)	2
	9,079									9,079			442	00100	9,079	CY	ANTI-SEGREGATION EQUIPMENT	
	14,697									14,697			442	10351	14,697	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (447), AS PER PLAN	2
		125								125			609	70000	125	SY	4" CONCRETE MEDIAN	
TRAFFIC CONTROL																		
						1,304				1,304			621	00100	1,304	EACH	RPM	
						1,236				1,236			621	54000	1,236	EACH	RAISED PAVEMENT MARKER REMOVED	
								13.2				13.2	630	02100	13.2	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
							2						630	55000	2	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TC-7.65	
							1						630	55001	1	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TC-7.65, AS PER PLAN	40
							3						630	74701	3	EACH	OVERHEAD SIGN SUPPORT MODIFICATION, AS PER PLAN	40
						2.5						2.5	630	80100	2.5	SF	SIGN, FLAT SHEET	
						1						1	630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
						1						1	630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
						32.84				32.84			646	10010	32.84	MILE	EDGE LINE, 6"	
						14.45				14.45			646	10110	14.45	MILE	LANE LINE, 6"	
						0.24				0.24			646	10200	0.24	MILE	CENTER LINE	
						1,325				1,325			646	10300	1,325	FT	CHANNELIZING LINE, 8"	
						5,708				5,708			646	10310	5,708	FT	CHANNELIZING LINE, 12"	
						255				255			646	10400	255	FT	STOP LINE	
						710				710			646	10600	710	FT	TRANSVERSE/DIAGONAL LINE	
						330					28	302	646	10601	330	FT	TRANSVERSE/DIAGONAL LINE, AS PER PLAN	40
						720				720			646	10620	720	FT	CHEVRON MARKING	
						550				550			646	10800	550	SF	ISLAND MARKING	
						3					1	2	646	10900	3	EACH	HANDICAP SYMBOL MARKING	
						2,007					487	1,520	646	20200	2,007	FT	PARKING LOT STALL MARKING	
						10				10			646	20300	10	EACH	LANE ARROW	
						5				5			646	20320	5	EACH	WRONG WAY ARROW	
						6,986				6,986			646	20504	6,986	FT	DOTTED LINE, 6"	

GENERAL SUMMARY

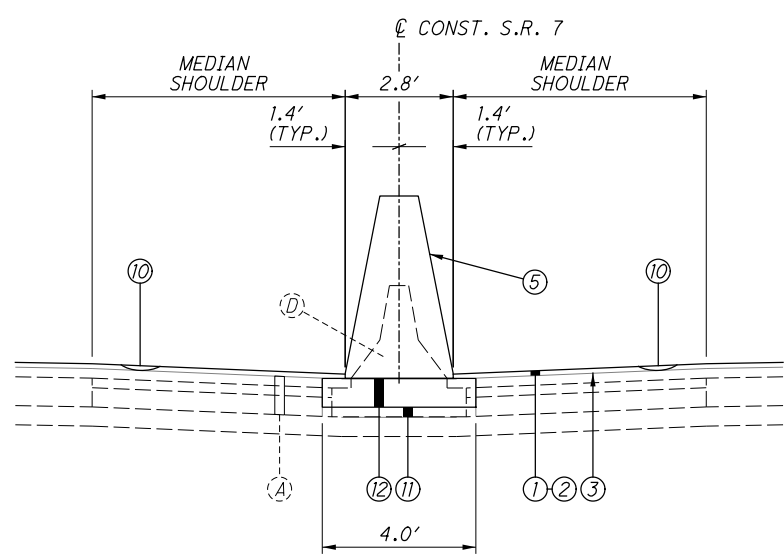
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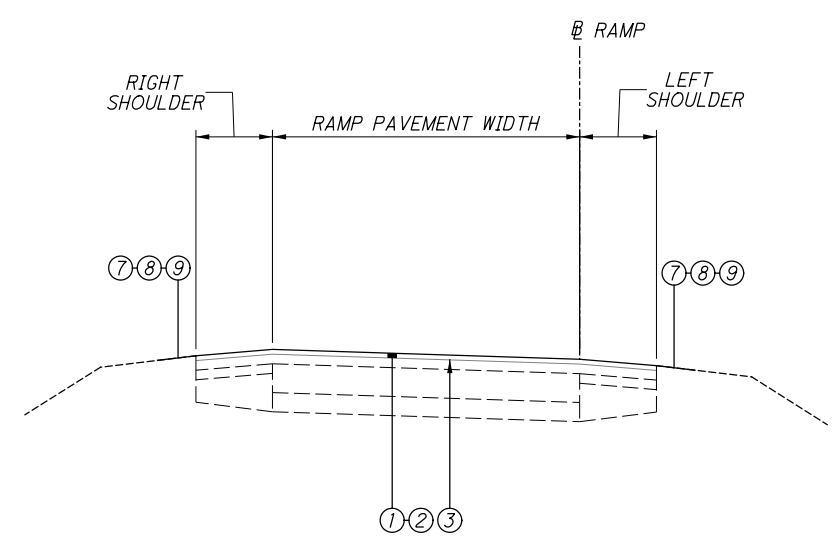


TYPICAL SECTION 3

FOR LEGEND SEE SHEET 15
 FOR MAINLINE PAVEMENT WIDTHS, SEE SHEET 19 - 20
 FOR MAINLINE OUTSIDE AND MEDIAN SHOULDER WIDTHS,
 SEE SHEET 23 - 24
 FOR RAMP PAVEMENT WIDTHS, SEE SHEET 21
 FOR RAMP SHOULDER WIDTHS, SEE SHEET 25



MEDIAN BARRIER DETAIL

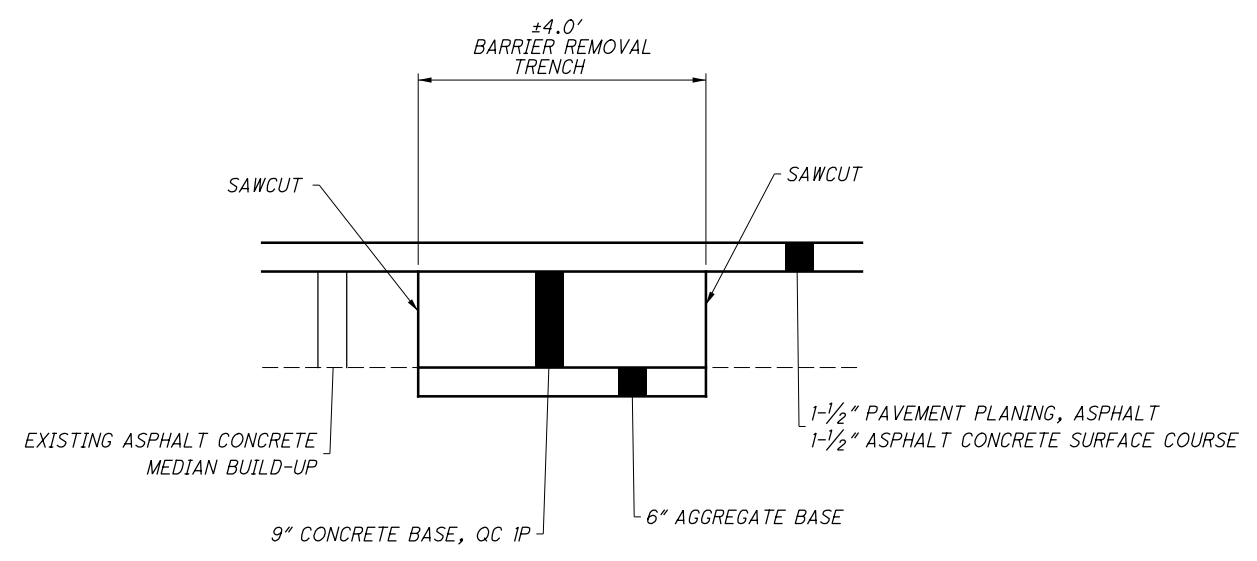
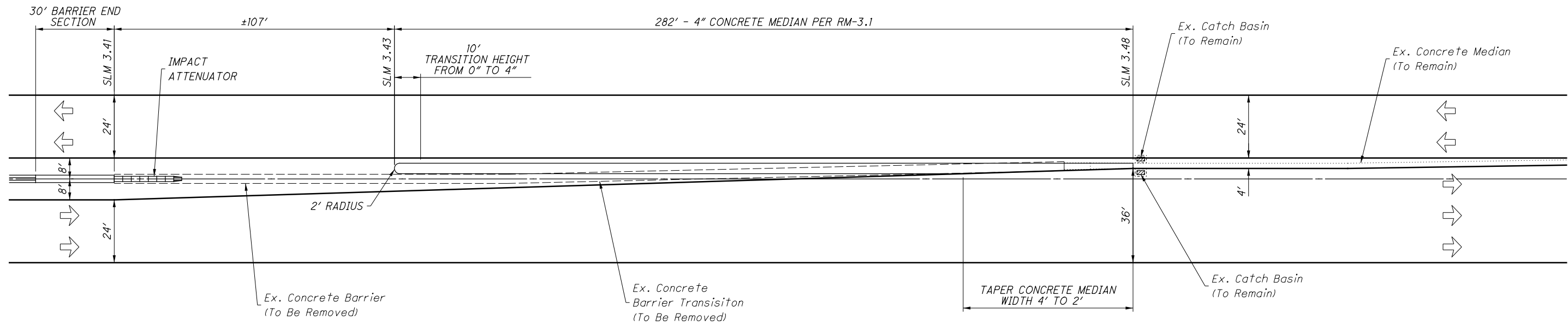


RAMP TYPICAL
(IN DIRECTION OF TRAVEL)

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S.R. 7 SLM		LENGTH FT	202				255	304	305	606	609	611								622								626	COMMENTS	
			CONCRETE BARRIER REMOVED	PIPE REMOVE 24" AND UNDER	PAVEMENT REMOVED, ASPHALT	INLET REMOVED	FULL DEPTH PAVEMENT SAWING	6" AGGREGATE BASE	9" CONCRETE BASE, QC IP	IMPACT ATTENUATOR, TYPE 1, (BIDIRECTIONAL)	4" CONCRETE MEDIAN	INLET NO. 3 FOR SINGLE SLOPE BARRIER, TYPE BI	INLET NO. 3 FOR SINGLE SLOPE BARRIER, TYPE BI, AS PER PLAN	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	12" CONDUIT, TYPE B	15" CONDUIT, TYPE B	18" CONDUIT, TYPE B	21" CONDUIT, TYPE B	CONCRETE BARRIER, SINGLE SLOPE, TYPE BI	BARRIER TRANSITION	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (A)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (B)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (C)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (D)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (E)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (F)	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE BI, AS PER PLAN (G)	CONCRETE BARRIER END SECTION, TYPE BI		BARRIER REFLECTOR, TYPE 1, ONE-WAY (WHITE)
FROM	TO	FT	FT	FT	SQ YD	EACH	FT	CU YD	SQ YD	EACH	SQ YD	EACH	EACH	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
COLUMBIANA CO.																														
0.36	1.27	4724	4554		253		9108	340	1851											4164	1	20	1	1	1	1	1		190	FOR DETAILS SHEETS 31 - 37
0.47		20		16		1					1			8					16											
0.49		20		24		1					1			16	8	8														
0.5		20		8		1					1				8	8														
0.62		20		8		1					1			8	8															
0.71		20		8		1					1			8	8															
0.89		20		8		1						1		8	8															
1.25		20		8		1					1			8	8															
STRUCTURE COL-7-0127																														
1.28	1.92	3370	3270		182		6540	242	1320											2970	2	16						1	136	FOR DETAILS SHEET 31, 34, 36-37
1.5		20		8		1					1			8	8															
1.65		20		8		1					1			8	8															
1.67		20		32		1					1			16	16				16											
1.69		20		8		1					1			8	8															
1.91		20		8		1					1			8	8															
STRUCTURE COL-7-0193																														
1.95	2.74	4231	4131		230		8262	306	1725											3881	2	14							172	FOR DETAILS SHEET NO 31, 34, 37
2.2		20		8		1					1			8	8															
2.22		20		32		1					1			16	16				16											
2.24		20		8		1					1			8	8															
2.38		20		16		1					1								16											
2.73		20		16		1					1			8	16															
STRUCTURE COL-7-0275																														
2.84	3.04	1027	947		53		1894	70	336											757	2	10							44	FOR DETAILS SHEET NO 31, 34, 37
2.87		20		16		1					1			8	16															
2.88		20		16		1					1			16	16															
2.9		20		8		1					1			8	8															
3.02		20		8		1					1			8	8															
STRUCTURE COL-7-0305																														
3.08	3.41	1709	1649		92		3298	122	664											1494	1	7						1	70	FOR DETAILS SHEET 31, 34, 37-38
3.19		20		16		1					1			8	8	8														
3.22		20		16		1					1			16					16											
3.24		20		8		1					1			8	8															
3.41	3.48	389					778	28	173	1	125																			
TOTALS CARRIED TO GENERAL SUMMARY			14551	312	810	24	29880	1108	6069	1	125	23	1	216	208	16	24	64	13266	8	67	1	1	1	1	1	1	612	PART 2 (01/NHS/PV)	

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ESTIMATED QUANTITIES

ITEM 252	FULL DEPTH PAVEMENT SAWING	778 FT
ITEM 304	6" AGGREGATE BASE	28 CU YD
ITEM 305	9" CONCRETE BASE, QC 1P	173 SQ YD
ITEM 606	IMPACT ATTENUATOR, BIDIRECTIONAL	1 EACH
ITEM 609	4" CONCRETE MEDIAN	125 SQ YD

TOTALS CARRIED TO SHEET 26

CALCULATED
SAH
CHECKED
DAH

MISCELLANEOUS DETAILS - BARRIER TRANSITION DETAILS

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