

X:\Projects\2021\20H02TD-2132 City of Harrison\200-Project\Mgmt\240 - Deliverables\RFIs\RFI2\13712- GG001.dgn Sheet 3/3/2023 8:53:10 PM adesimone

SHEET NUM.						PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	15	16	17	42	OFFICE CALCS	01/SAF/OT						
ROADWAY													
							LS	201	11000	LS		CLEARING AND GRUBBING	
						1,222	1,222	202	23000	1,222	SY	PAVEMENT REMOVED	
		109					109	202	50700	109	FT	CONCRETE BARRIER REMOVED	
		56					56	202	32000	56	FT	CURB REMOVED	
		10					10	202	35100	10	FT	PIPE REMOVED, 24" AND UNDER	
							1,227	202	38000	1,227	FT	GUARDRAIL REMOVED	
		1					1	202	42001	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	5
		2					2	202	42010	2	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
		1					1	202	42040	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
		5					5	202	47000	5	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
							106	202	75000	106	FT	FENCE REMOVED	
		36					36	202	98200	36	FT	REMOVAL MISC.: RAILROAD TIES	5
					4,494		4,494	203	10000	4,494	CY	EXCAVATION	
					6,498		6,498	203	20000	6,498	CY	EMBANKMENT	
					538		538	203	20001	538	CY	EMBANKMENT, AS PER PLAN	4
		1,113					1,475	204	10000	2,588	SY	SUBGRADE COMPACTION	
		50					50	606	15050	50	FT	GUARDRAIL, TYPE MGS	
		975					975	606	15100	975	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
		1					1	606	20050	1	EACH	ROUNDED END SECTION	
		2					2	606	26550	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
		1					1	606	35002	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
		1					1	606	35003	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	4
		1					1	606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
		1					1	606	60028	1	EACH	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), (70 MPH, 24" Wide)	
		207					207	607	23000	207	FT	FENCE, TYPE CLT	
		9,601					9,601	608	12000	9,601	SF	5" CONCRETE WALK	
		419					419	608	52000	419	SF	CURB RAMP	
		53					53	622	10060	53	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE B	
		30					30	622	10160	30	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	
		1					1	622	25000	1	EACH	CONCRETE BARRIER END SECTION, TYPE D	
		1					1	622	24840	1	EACH	CONCRETE BARRIER END SECTION, TYPE B	
		1					1	622	25004	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B	
		1					1	622	25050	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	
		14					14	626	00102	14	EACH	BARRIER REFLECTOR, TYPE 1 (ONE WAY)	
		14					14	626	00110	14	EACH	BARRIER REFLECTOR, TYPE 2 (ONE WAY)	
	LS						LS	SPECIAL	69098400	LS		CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION	5
							LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
EROSION CONTROL													
			67				67	601	21060	67	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
2							2	659	00100	2	EACH	SOIL ANALYSIS TEST	
588				36			624	659	00300	624	CY	TOPSOIL	
5,296							5,296	659	10000	5,296	SY	SEEDING AND MULCHING	
265							265	659	14000	265	SY	REPAIR SEEDING AND MULCHING	
265							265	659	15000	265	SY	INTER-SEEDING	
0.72							0.72	659	20000	0.72	TON	COMMERCIAL FERTILIZER	
1.1							1.1	659	31000	1.1	ACRE	LIME	
29							29	659	35000	29	MGAL	WATER	
				317			317	670	00500	317	SY	SLOPE EROSION PROTECTION	
				LS			LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
				LS			LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
				LS			LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
				30,000			30,000	832	30000	30,000	EACH	EROSION CONTROL	
			3				3	836	10000	3	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	

GENERAL SUMMARY

HAM - C.R. 23-1.42

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SHEET NUM.								PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
15	16	52					OFFICE CALCS	01/SAF/OT	02/SAF/OT						
													DRAINAGE		
	0.42							0.42		602	20000	0.42	CY	CONCRETE MASONRY	
	15							15		605	13300	15	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
	1,205							1,205		605	14000	1,205	FT	6" BASE PIPE UNDERDRAINS	
	75							75		611	00510	75	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
	315							315		611	04400	315	FT	12" CONDUIT, TYPE B	
	420							420		611	04600	420	FT	12" CONDUIT, TYPE C	
	1							1		611	98470	1	EACH	CATCH BASIN, NO. 2-2B	
	3							3		611	98840	3	EACH	INLET, NO. 2-A-6	
	1							1		611	98850	1	EACH	INLET, NO. 2-A-8	
	3							3		611	99574	3	EACH	MANHOLE, NO. 3	
	1							1		611	99580	1	EACH	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR	
	1							1		611	99710	1	EACH	PRECAST REINFORCED CONCRETE OUTLET	
	1							1		895	10010	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1	
														PAVEMENT	
								13		253	01000	13	SY	PAVEMENT REPAIR	
13							146	146		301	56000	146	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
							208	208		302	56000	208	CY	ASPHALT CONCRETE BASE, PG64-22, (449)(TWO 6" LIFTS)	
							84	84		304	20000	84	CY	AGGREGATE BASE	
							131	131		407	10000	131	GAL	TACK COAT	
							41	41		407	20000	41	GAL	NON-TRACKING TACK COAT	
							16	16		441	70000	16	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
							14	14		441	70300	14	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
							95	95		442	10000	95	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
							97	97		442	10100	97	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
							228	228		452	12050	228	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	
19							19	19		609	24511	19	FT	CURB, TYPE 4-C, AS PER PLAN	3
1,285							1,285	1,285		609	26000	1,285	FT	CURB, TYPE 6	
														WATER WORK	
								3		638	10800	3	EACH	VALVE BOX ADJUSTED TO GRADE	
														LIGHTING	
	50							50		625	25500	50	FT	CONDUIT, 3", 725.04	
	1,703							1,703		625	25504	1,703	FT	CONDUIT, 3", 725.051	
	8							8		625	30700	8	EACH	PULL BOX, 725.08, 18"	
	1,653							1,653		625	29000	1,653	FT	TRENCH	
	50							50		625	29400	50	FT	TRENCH IN PAVED AREA	
	1,703							1,703		625	36010	1,703	FT	UNDERGROUND WARNING/MARKING TAPE	

GENERAL SUMMARY

HAM - C.R. 23-1.42

REF NO.	SHEET NO.	STATION		202	202	202	202	202	202	202	202	202	202	204	253	606	606	606	606	606	606	606	607	608	608	609	609	622	622	622	622	622	626	626	638			
		FROM	TO	CONCRETE BARRIER REMOVED	CURB REMOVED	PIPE REMOVED, 24" AND UNDER	GUARDRAIL REMOVED	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSEMBLY REMOVED	FENCE REMOVED	REMOVAL MISC.: RAILROAD TIES	SUBGRADE COMPACTION	PAVEMENT REPAIR	GUARDRAIL, TYPE MGS	GUARDRAIL, TYPE MGS WITH LONG POST	ROUNDED END SECTION	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	IMPACT ATTENUATOR TYPE 2 (BIDIRECTIONAL)	FENCE, TYPE CLT	5" CONCRETE WALK	CURB RAMP	CURB, TYPE 4-C, AS PER PLAN	CURB, TYPE 6	CONCRETE BARRIER, SINGLE SLOPE, TYPE B	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	CONCRETE BARRIER, END SECTION, TYPE B	CONCRETE BARRIER, END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	BARRIER REFLECTOR, TYPE 1 (ONE WAY)	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL)	VALVE BOX ADJUSTED TO GRADE	
B-1	19	8+49.00		20																																		
B-2	19	9+14.00		74																																		
B-3	19	9+80.00		15																																		
C-1	18 - 19	2+39.31	7+88.60																																			
C-2	18	2+39.31	3+32.28																																			
C-3	19 - 20	10+39.41	16+48.77																																			
C-4	21	20+44.67	20+59.33		26																																	
C-5	21	20+83.75	20+98.26		30																																	
F-1	19	7+59.88	8+01.31							82																												
F-2	19	10+26.80	10+67.89							24													112															
GR-1	18	3+78.66	7+88.62																																			
GR-2	19	10+39.62	16+52.39																																			
GR-3	19	8+49.00																																				
GR-4	19	9+14.00																																				
P-4	21	20+44.67	20+98.26											12.74																								
R-1	18	1+59.00	1+59.00			10																																
R-2	18	3+05.00	7+91.00				486			1	1																											
R-3	19	10+36.77	16+40.00				603	1			1																											
R-4	20	16+94.00	17+00.00									18																										
R-5	20	16+47.00	16+56.00									18																										
U-1	18	3+06.00																																				2
U-2	20	16+26.85																																				1
W-1	18	1+60.43	2+64.72											76											605	80												
W-2	18	3+06.00	7+88.62											355											3115	80												
W-3	19	10+39.60	16+45.60											451												3958	102											
W-4	20	16+96.53	19+02.78											138													1245											
W-5	21	19+43.32	20+57.00											79													638	77										
W6	21	20+85.75	21+00.29											13																								
TOTALS CARRIED TO GENERAL SUMMARY				109	56	10	1227	1	2	1	5	106	36	1113	13	50	975	1	2	1	1	1	1	207	9601	419	19	1285	53	30	1	1	1	1	14	14	3	


ROADWAY SUBSUMMARY

HAM-C.R. 23 - 1.42

CALCULATED
CGL
CHECKED
MCK

15
78

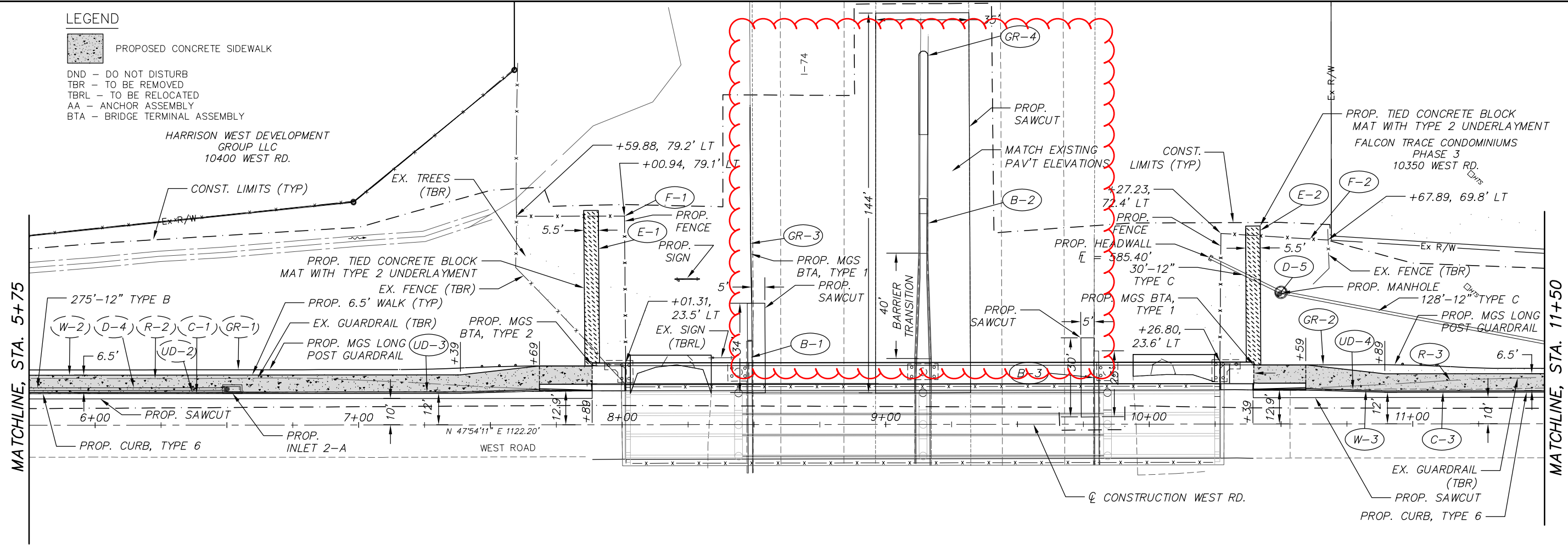
LEGEND

-  PROPOSED CONCRETE SIDEWALK
- DND - DO NOT DISTURB
- TBR - TO BE REMOVED
- TBRL - TO BE RELOCATED
- AA - ANCHOR ASSEMBLY
- BTA - BRIDGE TERMINAL ASSEMBLY

HARRISON WEST DEVELOPMENT
GROUP LLC
10400 WEST RD.

MATCHLINE, STA. 5+75

MATCHLINE, STA. 11+50

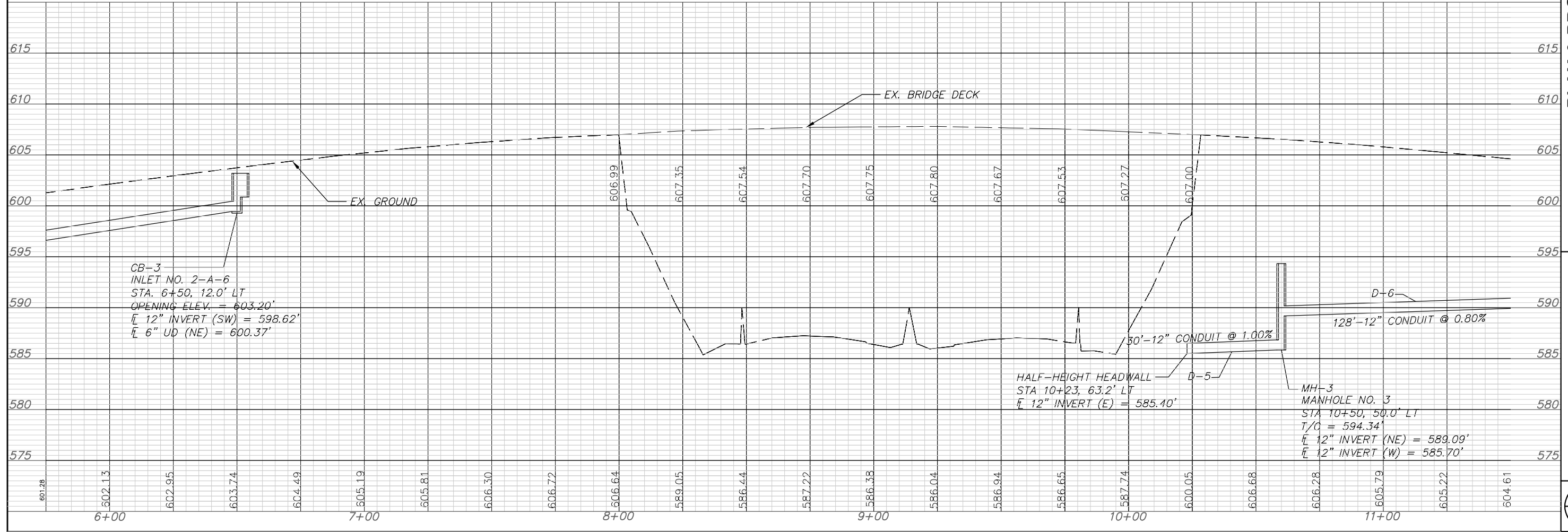


CALCULATED ALH CHECKED CNL

HORIZONTAL SCALE IN FEET

0 10 20

**PLAN & PROFILE - WEST ROAD
STA. 5+75 TO STA. 11+50**



HAM-C.R. 23 - 1.42

REF NO.	SHEET NO.	STATION		SIGN CODE	SIGN SIZE	614	621	621	625	625	625	625	625	625	630	630	630	630	630	630	630	630	630	631	631	644				
		FROM	TO			PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	RPM	RAISED PAVEMENT MARKER REMOVED	NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE	CONDUIT, 2", 725.051	TRENCH, 24" DEEP	PULL BOX, 725.06, SIZE 4	GROUND ROD	GROUND MOUNTED SUPPORT NO. 2 POST	GROUND MOUNTED SUPPORT NO. 3 POST	GROUND MOUNTED STRUCTURAL BEAM SUPPORT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT	SIGN, FLAT SHEET	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION, AS PER PLAN	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	SIGN SERVICE	SIGN WIRED	EDGE LINE, 4", TYPE 1 (WHITE)			
		SNMT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	FT	FT	FT	EACH	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	MILE				
		TRAFFIC CONTROL																												
EL-1	49	2+39.00	7+88.00																											
EL-2	49	7+88.00	10+40.00																											
EL-3	49	10+40.00	16+33.00		10	10																								
S-1	50	12+15.00																												
S-2	50	16+25.00	R2-1-24	24x30																										
S-3	50	19+75.00	SPECIAL R7-203-12	24x36													12													
S-4	51	8+38.00		12x18	1		70	70	37	37	1	1		13		43	2	1.5	2	1	1		2	1	1					
TOTALS CARRIED TO GENERAL SUMMARY					1	10	10	70	70	37	37	1	1	12	13	43	2	13	2	2	1	2	2	1	1	0.22				