

MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION

LONG TERM SHOULDER CLOSURES USING PORTABLE BARRIER PER MT-95.45 AND SHEETS P.18 TO P.23, MAY BE USED TO CONSTRUCT ASSOCIATED FOUNDATIONS, GRADING, AND PAVEMENT WIDENING REQUIRED TO CONSTRUCT 81 INCH BARRIERS 3, 6, 8, 10 AND 12, AS WELL AS CONSTRUCT 81 INCH BARRIER 3. THE LONG TERM RIGHT LANE WIDTH MAY BE REDUCED TO 11 FT MINIMUM.

PERMITTED LANE CLOSURE MAY BE USED TO CONSTRUCT 81 INCH BARRIERS 6, 8, 10, AND 12 USING SINGLE LANE CLOSURES WITH PORTABLE BARRIER PER MT-94.40 AND SHEETS P.16, P.17, P.19 TO P.23. LANE AND RAMP CLOSURES SHALL BE LIMITED TO HOURS LISTED IN THE LANE VALUE CONTRACT TABLE.

CONSTRUCT NOISE WALLS USING SHOULDER CLOSURES WITH DRUMS. ALL LANES ALONG SR-161 EASTBOUND AND WESTBOUND WILL BE MAINTAINED.

ITEM 614, MAINTAINING TRAFFIC

ALL EXISTING LANES ON SR-161 SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR SHORT TERM SINGLE LANE CLOSURES DURING ALLOWABLE PERIODS PER THE LANE VALUE CONTRACT TABLE. A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED ON RAMP AT ALL TIMES EXCEPT THE NEW ALBANY RD TO SR-161 WB RAMP MAY BE CLOSED DURING ALLOWABLE PERIODS PER THE LANE VALUE CONTRACT TABLE.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

NEW YEAR'S (OBSERVED)	GENERAL/REGULAR ELECTION DAY (NOV)
MEMORIAL DAY	THANKSGIVING
FOURTH OF JULY (OBSERVED)	CHRISTMAS (OBSERVED)
LABOR DAY	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00 N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00 N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00 N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00 N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00 N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

LANE CLOSURES AND RESTRICTIONS SHALL ADHERE TO THE TIMES LISTED IN THE LANE VALUE CONTRACT TABLES. THE MAXIMUM ALLOWABLE CLOSURE LENGTH IS 2 MILES AT ANY GIVEN TIME. CLOSURES OR RESTRICTIONS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF WORKING HOURS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR APPROVED BY THE ENGINEER. LANES CLOSURES OR RESTRICTIONS SHALL BE LIMITED TO AREAS WHERE WORK IS BEING PERFORMED. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMP AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMP, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

COORDINATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COORDINATE WORK WITH ODOT AND THE CONTRACTORS ON THE ADJACENT PROJECTS. COORDINATION SHALL BE MADE TO PREVENT CONFLICTING ADVANCE WARNING SIGNS, CONFLICTING DETOUR ROUTES, OVERLAPPING/CONFLICTING LANE CLOSURES, AND TO ENSURE THAT A MINIMUM DISTANCE OF 2 MILES BETWEEN ADJACENT LANE CLOSURES IS MAINTAINED. THIS IS NOT AN EXHAUSTIVE LIST OF COORDINATION ITEMS THAT MAY NEED TO BE RESOLVED BETWEEN PROJECTS. THE DEPARTMENT RESERVES THE RIGHT TO DECIDE WHICH PROJECT'S ACTIVITIES TAKE PRECEDENCE. PROJECTS THAT HAVE ACTIVITIES DELAYED DUE TO CONFLICTS WILL CONSIDER THIS AN EXCUSABLE, NON-COMPENSABLE DELAY PER 108.06.B. ON PROJECTS THAT HAVE ACTIVITIES DELAYED DUE TO CONFLICTS WHERE THE CONTRACTOR FAILED TO MEET THE NOTIFICATION REQUIREMENTS, THE DELAYS SHALL NOT BE CONSIDERED EXCUSABLE OR COMPENSABLE.

ATTENDANCE AT DEPARTMENT ORDERED TRAFFIC COORDINATION MEETINGS BETWEEN ADJACENT PROJECTS SHALL BE CONSIDERED MANDATORY FOR EACH PROJECT'S SUPERINTENDENT, AND INCIDENTAL TO THE LUMP SUM MAINTENANCE OF TRAFFIC PAYMENT ITEM.

THE FOLLOWING PROJECTS MAY HAVE CONFLICTS:
 FRA-161-15.80, PID 116322
 D05/D06-ITS EXPANSION-FY23, PID 117546

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 50 M. GAL.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

DELINEATION OF PORTABLE AND PERMANENT BARRIER AS PER PLAN

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL AND ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THE SPACING SHALL BE AS PER TRAFFIC SCD MT-101.70. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70. WHEN THE PB CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

INCREASED BARRIER DELINEATION, AS SPECIFIED HEREIN, SHALL BE INSTALLED ON ALL PB AND CONCRETE PERMANENT BARRIER LOCATED WITHIN 5 FEET OF THE EDGE OF THE TRAVELED LANE.

THE INCREASED BARRIER DELINEATION SHALL CONSIST OF THE TRIPLE STACKING OF WORK ZONE BARRIER REFLECTORS.

TRIPLE-STACKED BARRIER REFLECTORS SHALL CONSIST OF ALIGNING THREE BARRIER REFLECTORS VERTICALLY, AT LOCATIONS WHERE A SINGLE BARRIER REFLECTOR WOULD BE OTHERWISE ATTACHED. THERE SHALL BE NO OPEN SPACE BETWEEN THE ADJACENT BARRIER REFLECTORS. THE TRIPLE-STACKED BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THEY SHALL BE SPACED AND ALIGNED PER TRAFFIC SCD MT-101.70.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE PLANS AND CARRIED TO THE GENERAL SUMMARY:

ITEM 614, INCREASED BARRIER DELINEATION 5,735 FEET

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

1 9-05-2024 - UPDATED ITEM 614, MAINTAINING TRAFFIC NOTE
 2 9-09-2024 - UPDATED ITEM 614, MAINTAINING TRAFFIC NOTE AND TRAFFIC SEQUENCE OF CONSTRUCTION NOTE

FRA-161-15.80 NOISE ABATEMENT

MODEL: GG001 PAPER SIZE: 34x22 (in.) DATE: 9/9/2024 TIME: 1:34:11 PM USER: walf4128
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SHEET NUM.						PART.			ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.9	P.10	P.26	P.27	P.28	P.222				EXT	TOTAL				
								01/NHS/20					ROADWAY	
LS			1,262					LS	201	11001	LS		CLEARING AND GRUBBING, AS PER PLAN	P.9
			1					1,262	202	38000	1,262	FT	GUARDRAIL REMOVED	
			4,001					1	202	42040	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
			1,229	2,229				4,001	202	75000	4,001	FT	FENCE REMOVED	
								3,458	203	10000	3,458	CY	EXCAVATION	
				684				684	203	20000	684	CY	EMBANKMENT	
				67				67	203	98000	67	CY	ROADWAY, MISC.: TEMPORARY OVER-STEEPENED FILL	P.10
		362						362	606	15050	362	FT	GUARDRAIL, TYPE MGS	
		3						3	606	26150	3	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)	
		4						4	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
		1						1	606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
		1						1	606	60022	1	EACH	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL)	
		201						201	607	35000	201	FT	FENCE REMOVED AND REBUILT	
		80						80	607	98000	80	FT	FENCE, MISC.: WHITE SPLIT RAIL FENCE	P.10
4,202								4,202	607	98000	4,202	FT	FENCE, MISC.: TEMPORARY FENCE	P.9
		3,743						3,743	622	90000	3,743	FT	BARRIER, MISC.: 81" SINGLE SLOPE BARRIER	P.224
		29						29	622	90200	29	EACH	BARRIER, MISC.: 81" SINGLE SLOPE BARRIER END ANCHORAGE, REINFORCED	P.224
		6						6	622	90200	6	EACH	BARRIER, MISC.: BARRIER DRAINAGE WINDOW SECTION	P.230
		6						6	622	90200	6	EACH	BARRIER, MISC.: 81" CONCRETE BARRIER END SECTION	P.223
								LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
													EROSION CONTROL	
1								1	659	00100	1	EACH	SOIL ANALYSIS TEST	
887			1,012					1,899	659	00300	1,899	CY	TOPSOIL	
			955					955	659	00590	955	SY	SEEDING AND MULCHING, CLASS 6	
7,985								7,985	659	10000	7,985	SY	SEEDING AND MULCHING	
400								400	659	14000	400	SY	REPAIR SEEDING AND MULCHING	
400								400	659	15000	400	SY	INTER-SEEDING	
1.08								1.08	659	20000	1.08	TON	COMMERCIAL FERTILIZER	
1.65								1.65	659	31000	1.65	ACRE	LIME	
45								45	659	35000	45	MGAL	WATER	
		9,090						9,090	670	00500	9,090	SY	SLOPE EROSION PROTECTION	
								LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
								LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
								LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
								142,257	832	30000	142,257	EACH	EROSION CONTROL	
													DRAINAGE	
	10		237					247	601	21050	247	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
	2.43							2.43	602	20000	2.43	CY	CONCRETE MASONRY	
	50		9,333					9,383	605	13300	9,383	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
	50							50	605	31100	50	FT	AGGREGATE DRAINS	
	25		532					557	611	00510	557	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
	339							339	611	06100	339	FT	15" CONDUIT, TYPE C	
	83							83	611	06700	83	FT	15" CONDUIT, TYPE F	
	11							11	611	99500	11	EACH	INLET, MISC.: INLET NO. 3 FOR 81" SINGLE SLOPE BARRIER	P.226
	5		26					31	611	99710	31	EACH	PRECAST REINFORCED CONCRETE OUTLET	
													PAVEMENT	
		4,822						4,822	254	01000	4,822	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	
		998						998	304	20000	998	CY	AGGREGATE BASE	
		219						219	407	10000	219	GAL	TACK COAT	
		760						760	407	20000	760	GAL	NON-TRACKING TACK COAT	
		189						189	442	22101	189	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449), AS PER PLAN, PG70-22M	P.10
		189						189	442	22300	189	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (449)	
		583						583	452	12010	583	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
		2,367						2,367	452	13010	2,367	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
		108						108	609	24000	108	FT	CURB, TYPE 4-A	
		4,401						4,401	872	10000	4,401	FT	VOID REDUCING ASPHALT MEMBRANE (VRAM)	
													NOISE BARRIERS	
								4	519	11101	4	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.222
								115,010	SPECIAL	60610210	115,010	SF	NOISE BARRIER (REFLECTIVE)	P.9

- 8-12-2024 - ADDED TEMPORARY FENCE ITEM
- 9-05-2024 - UPDATED QUANTITY OF 15" TYPE C PIPE, CONCRETE MASONRY, 8" CONCRETE PAVEMENT, AND 9" CONCRETE PAVEMENT. UPDATED ASPHALT DENSITY ACCEPTANCE
- 9-09-2024 - REVISED IMPACT ATTENUATOR TO TYPE 2

GENERAL SUMMARY

DESIGN AGENCY
ARCADIS
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DESIGNER
JMK

REVIEWER
JDH 05-22-24

PROJECT ID
117607

SHEET TOTAL
P.24 P.297

FRA-161-15.80 NOISE ABATEMENT

MODEL: GS001 PAPER: 34x22 (in.) DATE: 9/9/2024 TIME: 1:12:22 PM USER: walf4128
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SHEET NO.	REF. NO.	STATION		SIDE	606	606	606	606	606	622	622	622	622	602	611	611	611	254	304	407	407	442	442	452	452	609	872	606	
		FROM	TO		FT	EACH	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	CY	FT	FT	EACH	SY	CY	GAL	GAL	CY	CY	SY	SY	FT	FT
WALL 3 / BARRIER 3																													
P.33 - P.34	NW-3	300+00.00	305+76.00	LT																									
P.34 - P.35	B-3	3000+00.00	3006+99.96	LT	100	1	1	1		552	5	1	1	0.27	15				120	22	156	32	32		394	27	700		
WALL 6 / BARRIER 6																													
P.36 - P.37	B-6	5999+90.38	6008+25.00	LT	50	1	1			654	5		2	0.81	160	1			145	26	189	39	39		477	27	835		
P.37 - P.38	NW-6	600+00.00	605+28.00	LT																								7392	
WALL 8 / BARRIER 8																													
P.39 - P.40	B-8	8000+00.00	8007+00.00	RT	187		1			552	5	1	1	0.54	60				120	61	68	30	30			394	27	700	
P.40 - P.43	NW-8	800+00.00	818+08.00	RT																								25312	
WALL 9																													
P.44 - P.46	NW-9	900+16.00	912+70.00	LT											1										1				17556
BARRIER 10																													
P.47 - P.50	B-10	1000+00.00	1012+70.07	LT						1	1332	11	4	1	0.54	104	45	3	1962	227	41	270	57	57		743		1270	
		1012+70.07	1014+15.44	LT																								145	
		1014+15.44	1016+49.64	LT																									
WALL 11																													
P.51 - P.54	NW-11	1100+00.00	1115+60.00	RT																								21840	
WALL 12 / BARRIER 12																													
P.55 - P.56	B-12	1200+00.00	1202+97.05	RT	25	1	1			653	3		1	0.27													449	27	297
		1202+97.05	1205+23.39	RT																417	53	32	21	12	12		173	226	
		1205+23.39	1207+51.00	RT																								228	
P.56 - P.57	NW-12	120+00.00	124+97.00	RT																								6958	
WALL 15																													
P.58 - P.62	NW-15	1500+00.00	1502+40.00	RT																								3360	
		1504+27.00	1518+43.00	RT												1												19824	
		1518+90.00	1522+26.00	RT																								4704	
TOTALS					362	3	4	1	1	3,743	29	6	6	2.43	339	83	11	4,822	998	219	760	189	189	583	2,367	108	4,401	115,010	

SHEET NO.	REF. NO.	STATION		SIDE	630	630	630	630	630	630	630	630	630	630	807
		FROM	TO		FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
P.36	LL-1	2126+70	2150+50	LT											0.45
P.37	S-1	2188+00		LT	3.7										
P.37	S-2	6008+00		LT		20.0	19.9								
P.47	S-3	2232+50		LT	3										
P.56	S-4	1207+00		RT											
TOTALS					6.7	39.9	1	2	1	2	1	3	1	2	0.45

1 9-05-2024 - UPDATED QUANTITY OF 15" TYPE C PIPE, CONCRETE MASONRY, 8" CONCRETE PAVEMENT, AND 9" CONCRETE PAVEMENT. UPDATED ASPHALT DENSITY ACCEPTANCE

2 9-09-2024 - UPDATED IMPACT ATTENUATOR TO TYPE 2

SHEET NO.	REF. NO.	STATION		SIDE	614	614	614	614	614	622		
		FROM	TO		MILE	FT	EACH	EACH	EACH	EACH	FT	
WALL 3 / BARRIER 3												
P.15	PB-1	2135+33	2143+97	LT					1	18	18	870
P.15	WE-1	2126+70	2150+50	LT	0.45							
P.15	WD-1	2142+70	2150+50	LT						780		
WALL 6 / BARRIER 6												
P.16	PB-2	2187+50	2198+46	LT					1	22	22	3300
WALL 8 / BARRIER 8												
P.16	PB-3	2191+84	2200+50	RT					1	18	18	2610
BARRIER 10												
P.17	PB-4	2229+85	2247+50	LT					1	38	38	4670
P.17	WE-2	2236+68	2246+05	LT	0.18							
WALL 12 / BARRIER 12												
P.17	PB-5	2230+34	2241+78	RT					1	23	23	2250
TOTALS					0.63	780	5	119	119	13,700		

SUBSUMMARY

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DESIGNER
JMK
 REVIEWER
 JDH 05-22-24
 PROJECT ID
117607
 SHEET TOTAL
 P.26 P.297