







**CONCRETE REPAIR**  
**FULL PANEL LANE REPLACEMENT**

REPLACE 10" REINFORCED CONCRETE PAVEMENT IN 12' X 24' SECTIONS. SAW CUTS SHALL BE MADE ALONG THE LONGITUDINAL JOINTS AND A MINIMUM OF 1.5' BEYOND THE TRANSVERSE JOINT.

ITEM 202 - PAVEMENT REMOVED  
 12' X 24' / 9 = 32 SY  
 500 PANELS X 32 SY = 16000 SY  
 ITEM 255 - FULL DEPTH PAVEMENT SAWING  
 2 X (12' + 24') = 72'  
 900 PANELS X 72' = 36000'

ITEM 451 - 10" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, WITH QC/QA  
 12' X 24' / 9 = 32 SY  
 500 PANELS X 32 SY = 16000 SY

**FULL PANEL SHOULDER REPLACEMENT**

REPLACE 10" NON-REINFORCED CONCRETE PAVEMENT IN 10' X 24' SECTIONS. SAW CUTS SHALL BE MADE ALONG THE LONGITUDINAL JOINTS AND TRANSVERSE JOINT.

ITEM 202 - PAVEMENT REMOVED  
 10' X 24' / 9 = 26.7 SY  
 16 PANELS X 26.7 SY = 427 SY  
 ITEM 255 - FULL DEPTH PAVEMENT SAWING  
 (10' + 10' + 24') = 44'  
 16 PANELS X 44' = 704'

ITEM 451 - 10" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, WITH QC/QA  
 10' X 24' / 9 = 26.7 SY  
 16 PANELS X 26.7 SY = 427 SY

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, APP**

REPLACE 10" REINFORCED CONCRETE PAVEMENT IN 6' X 24' SECTIONS FOR LONGITUDINAL JOINTS.  
 REPLACE 10" REINFORCED CONCRETE PAVEMENT IN 8' X 12' SECTIONS FOR TRANSVERSE JOINTS.

CONCRETE PLACED FOR ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT SHALL FOLLOW C&MS 451.03 PAVEMENT QUALITY CONTROL WITH QC/QA.

SAW CUTS SHALL BE MADE ALONG THE LONGITUDINAL JOINTS AND SHALL NOT OCCUR WITHIN 1.5' OF AN EXISTING TRANSVERSE JOINT WHEN THE JOINT IS REMOVED WITH THE REPAIR. SAW CUTS FOR TRANSVERSE REPAIRS THAT DO NOT REMOVE THE JOINT SHALL NOT BE MADE WITHIN 6' OF A TRANSVERSE JOINT.

LONGITUDINAL REPAIRS  
 6' X 24' / 9 = 16 SY  
 27 REPAIRS X 16 SY = 432 SY  
 27 REPAIRS X [2 X (6' + 24')] = 1620'

TRANSVERSE REPAIRS  
 6' X 12' / 9 = 8 SY  
 417 REPAIRS X 8 SY = 3336 SY  
 417 REPAIRS X [2 X (6' + 12')] = 15012'

**ITEM 202 - PAVEMENT REMOVED**

16000 + 427 = 16427 SY CARRIED TO THE GENERAL SUMMARY

**ITEM 451 - 10" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA**

16000 SY CARRIED TO THE GENERAL SUMMARY

**ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA**

427 SY CARRIED TO THE GENERAL SUMMARY

**ITEM 255 - FULL DEPTH PAVEMENT SAWING**

36000 + 704 + 1620 + 15012 = 53336' CARRIED TO THE GENERAL SUMMARY

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN**

432 + 3336 = 3768 SY CARRIED TO THE GENERAL SUMMARY

SEE SHEET 36 FOR CONCRETE REPAIR DETAILS.

**ITEM 253, PAVEMENT REPAIR**

PERFORM PARTIAL DEPTH PAVEMENT REPAIRS WHERE FAILING ASPHALT CONCRETE IS FOUND (AFTER MILLING), IT SHALL BE REPAIRED WITH A DEPTH OF 3" OR TO THE TOP OF THE CONCRETE AND A MINIMUM WIDTH OF 4' UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE REPLACEMENT MATERIAL SHALL CONFORM TO ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2. TACK COAT, 702.13 SHALL BE USED ON REPAIRS WITH EXPOSED CONCRETE.

LOCATION	COUNT	CUBIC YARD
SPLIT 1	10	3

THE PAVEMENT REPAIR COUNT PROVIDED IN THIS PLAN IS AN ESTIMATE. THE ENGINEER WILL PROVIDE THE ACTUAL COUNT AND DESIGNATE THE LOCATION AND LIMITS OF THE AREAS TO BE REPAIRED.

TOTALS HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

**ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), AS PER PLAN**

THIS ITEM SHALL BE USED TO FILL VOIDS IN THE EXISTING PORTLAND CEMENT CONCRETE INCLUDING, BUT NOT LIMITED TO: TRANSVERSE JOINTS, LONGITUDINAL JOINTS AND SPALLS.

PAYMENT FOR THE ASPHALT CONCRETE SHALL INCLUDE PREPARING THE JOINTS FOR PAVING. PREPERATION SHALL INCLUDE REMOVING ANY REMAINING JOINT SEALS AND CLEANING VOIDS AS SPECIFIED IN C&MS 423.03 AND 423.05 AND APPLYING SMB TACK COAT TO THE CONTACT SURFACE BEFORE APPLICATION OF THE ASPHALT CONCRETE.

2' X 1' X 2" / 12 = 0.3 CF / TREATMENT AREA  
 10 LOCATIONS / LANE MILE X (4 X 9.2 MI) 0.3 CF / 27 = 4 CY  
 4 CY CARRIED TO THE GENERAL SUMMARY

**ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)**

THIS ITEM SHALL BE USED TO FILL RUMBLE STRIPS IN CEMENT CONCRETE PAVEMENT FOR THE ASPHALT CONCRETE SHALL INCLUDE PREPARING THE SURFACE FOR PAVING. PREPERATION SHALL INCLUDE REMOVING ANY DEBRIS AND CLEANING VOIDS AS SPECIFIED IN C&MS 423.03 AND 423.05 AND APPLYING SMB TACK COAT TO THE CONTACT SURFACE BEFORE APPLICATION OF THE ASPHALT CONCRETE.

EAST BOUND 17.5 - 24.0  
 [(10' X 6') / 2 + (4' X 6') / 2] X .5" / 12 = 1.75 CF PER 125'  
 6.5 MILE X 5280 / 125 X 1.75 CF / 27 = 18 CY

EASTBOUND (24.0 - 24.2); WESTBOUND (17.5 - 24.2);  
 EAST AND WESTBOUND (30.66 - 33.36)  
 17.7 CUBIC IN. / FOOT X 5280 / 1728 / 27 = 2 CY / MILE  
 (0.2 + 6.7 + 5.4) X 2 CY = 25 CY

RUMBLE STRIPS SHALL BE FILLED PRIOR TO SETTING UP WORK ZONES WHEN MAINTENANCE OF TRAFFIC CAUSES TRAFFIC TO CROSS EXISTING RUMBLE STRIPS.

43 CY CARRIED TO THE GENERAL SUMMARY

**ITEM 659 - SEEDING AND MULCHING, AS PER PLAN**

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

**659, SEEDING AND MULCHING**

4200 SY  
**659, TOPSOIL**  
 4200 SY X 3" / 36 = 350 CY

**659, COMMERCIAL FERTILIZER**  
 37800 SF X 20 LBS / 1000 SF / 2000 = 0.4 TON

**659, WATER**  
 (37800 SF X 300 GAL / 1000 SF X 2) / 1000 GAL = 23 MGAL

**209, LINEAR GRADING, AS PER PLAN**

GRADE, SHAPE AND COMPACT 4' FROM EDGE OF SHOULDER TO PROVIDE FOR 3" OF TOP SOIL.  
 1.8 MILE  
 QUANTITIES CARRIED TO THE GENERAL SUMMARY

**ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN**

WHEN STATIONING A RESURFACING PROJECT FOR QUANTITY CONTROL, THE REFERENCE IN 623.02 TO A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED PROFESSIONAL SURVEYOR SHALL BE WAIVED. THE STAKES MAY BE PLACED BY THE CONTRACTOR'S PERSONNEL USING A MEASURING WHEEL.

ALL CONSTRUCTION LAYOUT WORK THAT IS NOT CONSIDERED THE RESURFACING PORTION OF THE PROJECT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR PROFESSIONAL SURVEYOR AS DEFINED IN C&MS 623.

PRESENT THE CONSTRUCTION LAYOUT PLANS FOR THE MEDIAN WALL, INCLUDING MONUMENTS TO BE USED AND CONTROLS TO BE SET TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF WORK.

**690 - SPECIAL - RWIS REPLACEMENT**

THIS ITEM SHALL BE USED TO REMOVE AND REPLACE ROAD WEATHER SENSORS FOR RWIS ASSEMBLY AT US-50 SLM 17.63 .

2 WIRELESS PAVEMENT SENSORS - VX21- 915 MHZ  
 2 TEMPERATURE PROBES (EXTERNAL PAVEMENT AND SUBGRADE)

THE CONTRACTOR SHALL NOTIFY THE ROADWAY SERVICES ENGINEER TWO WEEKS PRIOR TO ANY CONSTRUCTION IMPACTING THE ROAD AND WEATHER SENSORS.

DISTRICT 10 ROADWAY SERVICES ENGINEER:  
 JOSH BOOHER  
 338 MUSKINGUM DR.  
 MARIETTA, OH 45750  
 740-568-3961

ROAD AND WEATHER SENSORS SHALL BE PROVIDED BY:  
 MH CORBIN  
 6077 FRANTZ ROAD, SUITE 203  
 DUBLIN, OH 43017

1 EACH CARRIED TO THE GENERAL SUMMARY

**625 - PULL BOX REMOVED AND REPLACED, AS PER PLAN**

REMOVE PULL BOX AND REPLACE AT GRADE WITH THE PROPOSED ASPHALT SURFACE. REMOVE AND REPLACE PULL BOX AT THE FOLLOWING LOCATION. EAST STATE STREET EAST BOUND TURN LANE SLM 3.95

1 EACH CARRIED TO THE GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

KWK

REVIEWER

MRF 08/08/22

PROJECT ID

102645


SHEET TOTAL

8 40



SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
8	9	10	14	15	18	19	20	21	22	23	01/NHS/PV								
											<b>ROADWAY</b>								
16,427											16,427		202	23000	16,427	SY	PAVEMENT REMOVED	8,36	
							7,530				7,530		202	30701	7,530	FT	CONCRETE BARRIER REMOVED, AS PER PLAN	10	
						17,687.5					17,687.5		202	38000	17,687.5	FT	GUARDRAIL REMOVED		
						3					3		202	47200	3	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE		
1.8											1.8		209	60500	1.8	MILE	LINEAR GRADING		
						100					100		517	72700	100	FT	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND INLET MOUNTED STEEL POSTS AND ANCHOR BOLTS)		
						15,625					15,625		606	15050	15,625	FT	GUARDRAIL, TYPE MGS		
						225					225		606	17050	225	FT	RAISING TYPE MGS GUARDRAIL		
						1					1		606	25550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE A		
						22					22		606	26050	22	EACH	ANCHOR ASSEMBLY, MGS TYPE B		
						9					9		606	26150	9	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016		
						28					28		606	26550	28	EACH	ANCHOR ASSEMBLY, MGS TYPE T		
						4					4		606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1		
						2					2		606	35010	2	EACH	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1		
						2					2		606	35102	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2		
						1					1		606	35112	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 2		
						8					8		606	35140	8	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4		
							6,770				6,770		622	10060	6,770	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE B		
							230				230		622	10160	230	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D		
							1				1		622	10200	1	EACH	BARRIER TRANSITION		
							3				3		622	25000	3	EACH	CONCRETE BARRIER END SECTION, TYPE D		
							28				28		622	25004	28	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B		
							1				1		622	25050	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D		
		2,200									2,200		622	41100	2,200	FT	PORTABLE BARRIER, UNANCHORED		
							2,180				2,180		622	90000	2,180	FT	BARRIER, MISC.: RAISE WALL	7, 33	
1											1		625	31507	1	EACH	PULL BOX REMOVED AND REPLACED, AS PER PLAN	8	
1											1		SPECIAL	69098000	1	EACH	RWIS REPLACEMENT	8	
											<b>EROSION CONTROL</b>								
350											350		659	00300	350	CY	TOPSOIL		
4,200											4,200		659	10000	4,200	SY	SEEDING AND MULCHING		
0.4											0.4		659	20000	0.4	TON	COMMERCIAL FERTILIZER		
23											23		659	35000	23	MGAL	WATER		
											<b>DRAINAGE</b>								
							5				5		611	98630	5	EACH	CATCH BASIN ADJUSTED TO GRADE		
							7				7		611	98635	7	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	7	
							7				7		611	99095	7	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B, AS PER PLAN	7	
											<b>PAVEMENT</b>								
3											3		253	02000	3	CY	PAVEMENT REPAIR		
						21,393					21,393		254	01000	21,393	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"		
						5,661					5,661		254	01010	5,661	SY	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, 1.50"		
3,768											3,768		255	10011	3,768	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN	8,36	
53,336											53,336		255	20000	53,336	FT	FULL DEPTH PAVEMENT SAWING	8,36	
							2,605				2,605		305	14020	2,605	SY	10" CONCRETE BASE, CLASS QC 1P WITH QC/QA		
							87				87		305	16020	87	SY	12" CONCRETE BASE, CLASS QC 1P WITH QC/QA		
						37,072					37,072		407	18900	37,072	GAL	TACK COAT, 702.13		
						23,737					23,737		407	20000	23,737	GAL	NON-TRACKING TACK COAT		
						36,055					36,055		408	10000	36,055	GAL	PRIME COAT		
43											43		441	70200	43	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	8	
4											4		441	70201	4	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), AS PER PLAN, PG64-22	8	
							476				476		441	70801	476	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), (UNDER GUARDRAIL), AS PER PLAN	7	
						28,918					28,918		442	10100	28,918	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		


GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
**KWK**  
 REVIEWER  
**MRF 08/08/22**  
 PROJECT ID  
**102645**  
 SHEET TOTAL  
 16 | 40

SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.		
8	9	10	14	15	18	19	20	21	22	23		01/NHS/PV									
														<b>PAVEMENT (CONT.)</b>							
					19,788							19,788	442	10300	19,788	CY	ASPHALT CONCRETE SURFACE COURSE, 1.25 MM, TYPE A (447)				
16,000												16,000	451	15020	16,000	SY	10" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	8,36			
427												427	452	14020	427	SY	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	8,36			
						80						80	609	24500	80	FT	CURB, TYPE 4-B				
					4,095							4,095	617	10100	4,095	CY	COMPACTED AGGREGATE				
					39.93							39.93	618	40600	39.93	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)				
								58.67				58.67	850	10010	58.67	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)				
								12,445				12,445	850	10130	12,445	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)				
																	<b>TRAFFIC CONTROL</b>				
								1,631				1,631	621	00100	1,631	EACH	RPM				
								1,631				1,631	621	54000	1,631	EACH	RAISED PAVEMENT MARKER REMOVED				
							160					160	626	00102	160	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL				
		0.91	2.84									3.75	642	30030	3.75	MILE	REMOVAL OF PAVEMENT MARKING				
									0.88			0.88	644	00100	0.88	MILE	EDGE LINE, 4"				
								1.08	0.3			1.38	644	00104	1.38	MILE	EDGE LINE, 6"				
									0.7			0.7	644	00300	0.7	MILE	CENTER LINE				
									1,055			1,055	644	00400	1,055	FT	CHANNELIZING LINE, 8"				
								110	548			658	644	00500	658	FT	STOP LINE				
									96			96	644	00630	96	FT	CROSSWALK LINE, 24"				
								1,720				1,720	644	00720	1,720	FT	CHEVRON MARKING				
								39	10			49	644	01300	49	EACH	LANE ARROW				
									125			125	644	01500	125	FT	DOTTED LINE, 4"				
								39.5				39.5	807	14010	39.5	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"				
								19.17				19.17	807	14110	19.17	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"				
								10,065				10,065	807	14310	10,065	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"				
								2,380				2,380	807	14430	2,380	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 12"				
																	<b>MAINTENANCE OF TRAFFIC</b>				
		80										80	614	11110	80	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE				
			1									1	614	12380	1	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)				
	8											8	614	12410	8	EACH	SPEED ZONE AHEAD SYMBOL SIGN, W3-HB				
	20											20	614	12484	20	EACH	WORK ZONE INCREASED PENALTIES SIGN, R11-H5A-48				
		8										8	614	12490	8	EACH	RESUME LEGAL SPEED SIGN, R2-1				
			24									24	614	13310	24	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL				
						242						242	614	13312	242	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL				
				10								10	614	18600	10	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN				
										37.5		37.5	614	20110	37.5	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT				
										37.5		37.5	614	20510	37.5	MILE	WORK ZONE LANE LINE, CLASS II, 6", 642 PAINT				
										1.34		1.34	614	21500	1.34	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT				
										1.34		1.34	614	21550	1.34	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT				
			0.84	6.05						77.32		84.21	614	22110	84.21	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT				
										1.76		1.76	614	22350	1.76	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT				
										2.68		2.68	614	22360	2.68	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT				
				735						20,130		20,865	614	23210	20,865	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT				
										1,510		1,510	614	23680	1,510	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT				
										2,880		2,880	614	24202	2,880	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT				
										1,118		1,118	614	26610	1,118	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT				
	100											100	808	18700	100	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY				
																	<b>INCIDENTALS</b>				
											LS	LS	614	11000	LS		MAINTAINING TRAFFIC	10			
											LS	LS	614	12420	LS		DETOUR SIGNING	9			
LS											LS	LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	8			
											LS	LS	624	10000	LS		MOBILIZATION				

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
**KWK**

REVIEWER  
**MRF 08/08/22**

PROJECT ID  
**102645**

SHEET TOTAL  
17 | 40

STRAIGHT LINE MILES (SLM IS ROUNDED TO THE NEAREST 0.01 MILES)		DISTANCE (D)	622	622	622	622	622	622	622	202	626	305	305	611	611	611				NOTES
BEGIN	END	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, SINGLE SLOPE, TYPE B	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B	BARRIER TRANSITION	BARRIER, MISC.: RAISE WALL	CONCRETE BARRIER REMOVED, AS PER PLAN	BARRIER REFLECTOR, TYPE 1 (YELLOW / RED)	12" CONCRETE BASE, CLASS QC 1P WITH QC/QA	10" CONCRETE BASE, CLASS QC 1P WITH QC/QA	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B, AS PER PLAN	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	CATCH BASIN ADJUSTED TO GRADE				
			FT	EACH	EACH	FT	EACH	EACH	FT	FT	EACH	SY	SY	EACH	EACH	EACH				
<b>COLUMN PROTECTION</b>																				
33.36	33.39	140	140		2					140	3	42								EASTBOUND
33.37	33.40	150	120	1	1					150	3	45								WESTBOUND
<b>MEDIAN WALL</b>																				
19.60	19.99	2100				2010	6			2100	44		700	1	1					
22.67	23.32	3420				3210	14			3420	72		1140	3	3					
33.23	33.56	1720				1600	8	1		1720	38		765	3	3					SEE SHEET 29, 33, 37
<b>RAISE WALL</b>																				
19.60	19.71	560							560											WESTBOUND; SEE SHEET 4, 36
20.24	20.29	300							300											WESTBOUND; SEE SHEET 4, 36
20.37	20.45	450							450											WESTBOUND; SEE SHEET 4, 36
19.93	20.21	870							870											EASTBOUND; SEE SHEET 4, 36
TOTALS CARRIED TO GENERAL SUMMARY			260	1	3	6820	28	1	2180	7530	160	87	2605	7	7	5				

WALL SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 KWK  
 REVIEWER  
 MRF 08/08/22  
 PROJECT ID  
 102645  
 SHEET TOTAL  
 20 40

