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SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
7	8	9	13	14	17	70	71	72	95		01/IMS/B R	02/IMS/PV	03/SAF/O T						
ROADWAY																			
											LS			201	11000	LS	CLEARING AND GRUBBING		
			24				523				547			202	23000	547	SY	PAVEMENT REMOVED	
				962							962			202	23001	962	SY	PAVEMENT REMOVED, AS PER PLAN	14
							2,877				2,877			202	38000	2,877	FT	GUARDRAIL REMOVED	
							5				5			202	47000	5	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
				2,110							2,110			202	48100	2,110	FT	CABLE BARRIER REMOVED FOR STORAGE	
					6						6			202	58100	6	EACH	CATCH BASIN REMOVED	
188											188			SPECIAL	20270000	188	FT	FILL AND PLUG EXISTING CONDUIT	7
2,330											2,330			203	10000	2,330	CY	EXCAVATION	
685											685			203	20000	685	CY	EMBANKMENT	
							182				182			255	20000	182	FT	FULL DEPTH PAVEMENT SAWING	
											775			606	15050	775	FT	GUARDRAIL, TYPE MGS	
	775										1,787.5			606	15100	1,787.5	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
	1,787.5										4			606	26150	4	EACH	ANCHOR ASSEMBLY, MGS TYPE E NCHRP 350/MASH 2016	
	4										1			606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
	1										4			606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
	4										1			606	35102	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
	1																		
				2,110							2,110			SPECIAL	60655020	2,110	FT	CABLE BARRIER, REPLACEMENT CABLE	14
				4							4			SPECIAL	60655150	4	EACH	CABLE BARRIER, ANCHOR ASSEMBLY	14
				2							2			SPECIAL	60655180	2	EACH	CABLE BARRIER, SPLICE	14
				23							23			SPECIAL	60655190	23	EACH	CABLE BARRIER, POST REFLECTOR	14
				2							2			SPECIAL	60655200	2	EACH	CABLE BARRIER, TENSIONING	14
				2							2			606	98100	2	EACH	GUARDRAIL, MISC.:CABLE BARRIER ANCHOR ASSEMBLY REMOVED	14
							84				84			609	24510	84	FT	CURB, TYPE 4-C	
				962							962			SPECIAL	69098300	962	SY	MOW STRIP	14
EROSION CONTROL																			
							58				58			601	21060	58	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
								397			397			601	32200	397	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
											1			659	00100	1	EACH	SOIL ANALYSIS TEST	
1											304			659	00300	304	CY	TOPSOIL	
304											2,735			659	00500	2,735	SY	SEEDING AND MULCHING, CLASS 1	
2,735											137			659	14000	137	SY	REPAIR SEEDING AND MULCHING	
137																			
137											137			659	15000	137	SY	INTER-SEEDING	
0.38											0.38			659	20000	0.38	TON	COMMERCIAL FERTILIZER	
0.57											0.57			659	31000	0.57	ACRE	LIME	
15											15			659	35000	15	MGAL	WATER	
6											6			659	40000	6	MSF	MOWING	
											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	
											45,000			832	30000	45,000	EACH	EROSION CONTROL	
PAVEMENT																			
						456					456			204	10000	456	SY	SUBGRADE COMPACTION	
	300											300		253	01001	300	SY	PAVEMENT REPAIR, AS PER PLAN	8
								106,096				106,096		254	01000	106,096	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75"	
						1,089					1,089			254	01000	1,089	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"	
	50											50		254	01601	50	SY	PATCHING PLANED SURFACE, AS PER PLAN	8
			7			139					146			302	46000	146	CY	ASPHALT CONCRETE BASE, PG64-22	
			4			76					80			304	20000	80	CY	AGGREGATE BASE	
			5			184					189			407	10000	189	GAL	TACK COAT	
								9,020				9,020		407	20000	9,020	GAL	NON-TRACKING TACK COAT	
					132						132			411	10000	132	CY	STABILIZED CRUSHED AGGREGATE	
								5,160				5,160		442	00100	5,160	CY	ANTI-SEGREGATION EQUIPMENT	
						64					64			442	10000	64	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
						75					78			442	10100	78	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
		3						5,160				5,160		442	10301	5,160	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG 76-22M	8
								589				589		617	10100	589	CY	COMPACTED AGGREGATE	

GENERAL SUMMARY

MIA - 75 - 19.01

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ESTIMATED QUANTITIES										CALC.	DATE	CHK'D	DATE
										DBL	11/7/2019	ATM	12/9/2019
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SOUTHBOUND				NORTHBOUND				SHEET REF.
					ABUT.	PIERS	SUPER.	GEN.	ABUT.	PIERS	SUPER.	GEN.	
202	11002	LUMP		STRUCTURE REMOVED, OVER 20 FOOT SPAN									
202	22900	308	SY	APPROACH SLAB REMOVED				154				154	
202	23500	1544	SY	WEARING COURSE REMOVED				772				772	
502	11101	LUMP		STRUCTURE FOR MAINTAINING TRAFFIC, AS PER PLAN									2/26
503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING									
503	21300	LUMP		UNCLASSIFIED EXCAVATION	192				195				
504	11101	2275	SF	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN				995				1,280	2/26
505	11100	LUMP		PILE DRIVING EQUIPMENT MOBILIZATION									
507	00500	2090	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	1,085				1,005				
507	00551	2400	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN	1,240				1,160				2/26
507	00700	1260	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		630				630			
507	00751	1400	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN		700				700			2/26
509	40000	220600	LB	REINFORCING STEEL, MISC.: GALVANIZED COATED REINFORCING STEEL	20,605	12,581	77,087		20,655	12,587	77,087		2/26
509	30020	8976	FT	NO.4 GFRP DEFORMED BARS			4,488				4,488		
511	32213	549	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN			275				274		2/26
511	34450	92	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			46				46		
511	41012	44	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		22				22			
511	44112	146	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	71				75				
511	46512	207	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	103				104				
512	10100	866	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	114	5	312		117	5	312		
516	13600	34	SF	1" PREFORMED EXPANSION JOINT FILLER				17				17	
516	13900	260	SF	2" PREFORMED EXPANSION JOINT FILLER				125				135	
516	14020	202	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	101				101				
516	42600	202	FT	ELASTOMERIC BEARING PAD, MISC: 5"x1" ELASTOMERIC BEARING STRIP				101				101	
518	12500	5	EACH	SCUPPER, MISC.: CONTINUOUS SLAB BRIDGES				5					2/26
518	21200	188	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	93				95				
518	40000	287	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		148				139			
518	40012	20	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	10				10				
523	20000	6	EACH	DYNAMIC LOAD TESTING				3				3	
526	25001	482	SY	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN				241				241	2/26
526	90011	202	FT	TYPE A INSTALLATION, AS PER PLAN	101				101				2/26
601	32200	397	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER *	197				200				

* ITEMS CARRIED TO ROADWAY GENERAL SUMMARY

BRIDGE PLAN ABBREVIATIONS

ABUT.	ABUTMENT	EL.	ELEVATION	N.B.	NORTHBOUND	R.F.	RIGHT FORWARD
APPR.	APPROACH	EMBED.	EMBEDMENT	N.F.	NORTH FACE	RT.	RIGHT
BRG.	BEARING	EX.	EXISTING	N.P.C.P.P.	NON-PERFORATED	S.B.	SOUTHBOUND
BTA	BRIDGE TERMINAL ASSEMBLY	EXP.	EXPANSION		CORRUGATED PLASTIC PIPE	SER.	SERIES
BTWN.	BETWEEN	F.A.	FORWARD ABUTMENT	O/O	OUT-TO-OUT	SHLDR.	SHOULDER
C.J.	CONSTRUCTION JOINT	F.F.	FRONT FACE	P.C.P.P.	PERFORATED CORRUGATED	SPA.	SPACE(S)
C/C	CENTER-TO-CENTER	FIX.	FIXED		PLASTIC PIPE	SQ.	SQUARE
CIP	CAST IN PLACE	FT.	FOOT/FEET	P.E.J.F	PREFORMED EXPANSION	STA.	STATION
CL	CENTERLINE	FWS	FUTURE WEARING SURFACE		JOINT FILLER	SUPER.	SUPERSTRUCTURE
CLR.	CLEAR	I.R.	INTERSTATE ROUTE	PB	PORTABLE BARRIER	T&B	TOP & BOTTOM
CONSTR.	CONSTRUCTION	LT.	LEFT	PERP.	PERPENDICULAR	T/SLOPE	TOP OF SLOPE
DIA.	DIAMETER	MAX.	MAXIMUM	PROP.	PROPOSED	TEMP.	TEMPORARY
E.F.	EACH FACE	MIN.	MINIMUM	R.A.	REAR ABUTMENT	TYP.	TYPICAL
						U.N.O.	UNLESS NOTED OTHERWISE
						VC W/	VERTICAL CURVE WITH

DESIGN AGENCY
ms consultants, inc.
2921 Schrock Road
Columbus, Ohio 43229

DATE
SEP. 2020
REVIEWED
YSJ
STRUCTURE FILE NUMBER
5503427/5503397

DRAWN
CDH
CHECKED
ATM

ESTIMATED QUANTITIES
BRIDGE NO. MIA-75-19.01L/R
I-75 OVER RUSH CREEK

MIA-75-19.01
PID No. 94676

3 / 26

95
118