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SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE	CALCULATED	CLP	CHECKED	BMV
4	5	9	13	15	20	01/NHS/B R	EXT	TOTAL				SHEET NO.										
												ROADWAY										
						LS	201	11000	LS		CLEARING AND GRUBBING											
		113				113	202	38000	113	FT	GUARDRAIL REMOVED											
		1				1	202	42000	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A											
		1				1	202	47000	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED											
		29				29	202	98300	29	SY	REMOVAL MISC.:ROCK CHANNEL PROTECTION REMOVED	4										
					151	151	203	10000	151	CY	EXCAVATION											
			27			27	203	20000	27	CY	EMBANKMENT											
		87.5				87.5	606	15050	87.5	FT	GUARDRAIL, TYPE MGS											
		1				1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E(MASH 2016)											
		1				1	606	35002	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1											
												EROSION CONTROL										
						161	601	11001	161	SY	RIPRAP, TYPE D, AS PER PLAN	4										
	388					388	659	00300	388	CY	TOPSOIL											
	3,494					3,494	659	10000	3,494	SY	SEEDING AND MULCHING											
	175					175	659	14000	175	SY	REPAIR SEEDING AND MULCHING											
	175					175	659	15000	175	SY	INTER-SEEDING											
	0.47					0.47	659	20000	0.47	TON	COMMERCIAL FERTILIZER											
	0.72					0.72	659	31000	0.72	ACRE	LIME											
	19					19	659	35000	19	MGAL	WATER											
						1,000	832	30000	1,000	EACH	EROSION CONTROL											
												TRAFFIC CONTROL										
						3	626	00110	3	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL											
		12.5				12.5	630	03100	12.5	FT	GROUND MOUNTED SUPPORT, NO. 3 POST											
		3				3	630	80100	3	SF	SIGN, FLAT SHEET											
		1				1	630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL											
		2				2	630	86002	2	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL											
		0.14				0.14	644	00204	0.14	MILE	LANE LINE, 6"											
												STRUCTURE REPAIR (BRIDGE NO.: MOT-741-0660) (SFN: 5710472)										
						LS	202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	18										
					2	2	251	01000	2	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)											
					1	1	304	20000	1	CY	AGGREGATE BASE											
						LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING											
					8,536	8,536	503	10000	8,536	LB	EPOXY COATED REINFORCING STEEL											
						LS	503	21300	LS		UNCLASSIFIED EXCAVATION											
					2,561	2,561	503	10001	2,561	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN	18										
					60	60	510	10000	60	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT											
					2	2	511	34448	2	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)											
					82	82	511	43210	82	CY	CLASS QC1 CONCRETE, PIER											
					27	27	511	71100	27	CY	CONCRETE, MISC.:PUMPED SELF CONSOLIDATING CONCRETE	19										
					322	322	512	10100	322	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)											
					3,229	3,229	513	10201	3,229	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN	18										
					8,011	8,011	514	00050	8,011	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL											
					8,011	8,011	514	00056	8,011	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT											
					8,011	8,011	514	00060	8,011	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT											
					8,011	8,011	514	00066	8,011	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT											
					15	15	514	00504	15	MNHR	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL											
					9	9	514	10000	9	EACH	FINAL INSPECTION REPAIR											
					118	118	514	27700	118	SF	FIELD PAINTING, MISC.:ZINC RICH PRIMER	18										
					10	10	516	45305	10	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	18										
					4	4	516	46900	4	EACH	BEARING DEVICE, MISC.: ELASTOMERIC BEARING PAD WITH LOAD PLATE	28										
					19	19	516	47001	19	LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	18										
					19	19	519	11101	19	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	18										
												MAINTENANCE OF TRAFFIC										
		60				60	614	11110	60	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE											
		0.14				0.14	614	22100	0.14	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT											
		300				300	614	24202	300	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT											
												INCIDENTALS										
						LS	614	11000	LS		MAINTAINING TRAFFIC											
						5	619	16000	5	MNTH	FIELD OFFICE, TYPE A											
						LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING											
						LS	624	10000	LS		MOBILIZATION											

GENERAL SUMMARY

MOT - 741 - 6.60

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ABBREVIATIONS:

ADT	- AVERAGE DAILY TRAFFIC	N.P.C.P.P.	-NON-PERFORATED CORRUGATED
APP.	- APPROACH		PLASTIC
BM	- BENCH MARK		PIPE
BOT	- BOTTOM	NTS.	- NOT TO SCALE
BRG.	- BEARING	O.C.	- ON CENTER
C/C	- CENTER TO CENTER	O/O	- OUT TO OUT
C.J.	- CONSTRUCTION JOINT	OHWM	- ORDINARY HIGH WATER MARK
C.I.P.	- CAST IN PLACE	PCB	- PORTABLE CONCRETE BARRIER
☉	- CENTERLINE	P.C.P.P.	- PERFORATED CORRUGATED PLASTIC PIPE
CLR.	- CLEARANCE	PEJF	- PREFORMED EXPANSION JOINT FILLER
CONC.	- CONCRETE	P.G.	- PROFILE GRADE
CONSTR.	- CONSTRUCTION	PROP.	- PROPOSED
DIA.	- DIAMETER	PT	- POINT
& φ		R	- RADIUS
DWG.	- DRAWING	RCP	- ROCK CHANNEL PROTECTION
E.F.	- EACH FACE	REQ	- REQUIRED
EL.	- ELEVATION	RT.	- RIGHT
EXP.	- EXPANSION	S.R.	- STATE ROUTE
EXIST. & EX.	- EXISTING	SER	- SERIES
F.F.	- FAR FACE	SHLDR	- SHOULDER
F/F	- FACE TO FACE	SPA.	- SPACES
FTG.	- FOOTING	SPL	- SPLICE
FWD.	- FORWARD	STA.	- STATION
F.W.S.	- FUTURE WEARING SURFACE	STD.	- STANDARD
GR.	- GROUND	T/S	- TOP OF SLOPE
G.R.	- GUARDRAIL	T&B	- TOP AND BOTTOM
HORIZ.	- HORIZONTAL	TYP.	- TYPICAL
HMWM	- HIGH MOLECULAR WEIGHT METHACRYLATE	U.N.O.	- UNLESS NOTED OTHERWISE
HW	- HIGH WATER	V.C.	- VERTICAL CURVE
JT.	- JOINT	WW	- WINGWALL
LT.	- LEFT	■	- DOWEL
MIN.	- MINIMUM		
MISC.	- MISCELLANEOUS		
M.O.T.	- MAINTENANCE OF TRAFFIC		
N.F.	- NEAR FACE		

ESTIMATED QUANTITIES									
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SHEET #
202	11203		LS	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LUMP	2/13
251	01000	2	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)			2		
304	20000	1	CY	AGGREGATE BASE			1		
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING				LUMP	
503	21300		LS	UNCLASSIFIED EXCAVATION				LUMP	
509	10000	8536	LB	EPOXY COATED REINFORCING STEEL		8161	375		
509	10001	2561	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN		2545	16		2/13
510	10000	60	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		24	36		
511	34448	2	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)			2		
511	43210	82	CY	CLASS QC1 CONCRETE, PIER		82			
511	71100	27	CY	CONCRETE, MISC.: PUMPED SELF CONSOLIDATING CONCRETE		27			3/13
512	10100	322	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)			322		
513	10201	3229	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN			3229		2/13
514	00050	8011	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			8011		
514	00056	8011	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			8011		
514	00060	8011	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			8011		
514	00066	8011	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			8011		
514	00504	15	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL			15		
514	10000	9	EACH	FINAL INSPECTION REPAIR			9		
514	27700	118	SF	FIELD PAINTING, MISC.: ZINC RICH PRIMER			118		
516	45305	10	EACH	REFURBISH BEARING DEVICE, AS PER PLAN			10		2/13
516	46900	4	EACH	BEARING DEVICE, MISC: ELASTOMERIC BEARING PAD WITH LOAD PLATE			4		12/13
516	47001		LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN			LUMP		2/13
519	11101	19	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN		8	11		2/13

SEE ROADWAY QUANTITIES FOR ITEM 601 - RIPRAP, TYPE D, AS PER PLAN (RIPRAP USING 6" REINFORCED CONCRETE SLAB)

DUE TO THE PROBABILITY OF FURTHER DETERIORATION BEFORE ACTUAL REPAIRS ARE MADE A FACTOR OF 1.2 HAS BEEN APPLIED TO THE ESTIMATED QUANTITIES OF PATCHING CONCRETE STRUCTURE, AS PER PLAN AND FIELD PAINTING, MISC.: ZINC RICH PRIMER AS DIMENSIONED IN THE PLANS.

DESIGN AGENCY KORBA KORBA/NEHE ENGINEERING, INC. - CONSULTING ENGINEERS 950 Metermark Drive, Suite 200 - Columbus Oh 43235-7000 TEL: 614-487-8500 FAX: 614-487-8981 WEB: www.korba.com	DESIGNED	DATE	REVIEWED	DATE	DRAWN	DATE	
	CAB	4/19/2018	BMV	4/19/2018	BLS	4/19/2018	
ESTIMATED QUANTITIES BR. NO. MOT-741-0660 S.R. 741 (SPRINGBORO PIKE) OVER HOLES CREEK	CHECKED	FILE NUMBER	STRUCTURE	FILE NUMBER	REVISED	FILE NUMBER	
	TJP	5710472		5710472			
MOT-741-6.60						4	13
PID No. 102685						20	34