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SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	9	13	15	20	01/NHS/B R	EXT	TOTAL										
												LS	201	11000	LS		ROADWAY	
												113	202	38000	113	FT	CLEARING AND GRUBBING	
												1	202	42000	1	EACH	GUARDRAIL REMOVED	
												1	202	47000	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A	
												29	202	98300	29	SY	BRIDGE TERMINAL ASSEMBLY REMOVED	4
																	REMOVAL MISC.:ROCK CHANNEL PROTECTION REMOVED	
													151	10000	151	CY	EXCAVATION	
													27	20000	27	CY	EMBANKMENT	
												87.5	606	15050	87.5	FT	GUARDRAIL, TYPE MGS	
												1	606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E(MASH 2016)	
												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	659	00300	388	CY	TOPSOIL	
												3,494	659	10000	3,494	SY	SEEDING AND MULCHING	
												175	659	14000	175	SY	REPAIR SEEDING AND MULCHING	
												175	659	15000	175	SY	INTER-SEEDING	
												0.47	659	20000	0.47	TON	COMMERCIAL FERTILIZER	
												0.72	659	31000	0.72	ACRE	LIME	
												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	630	03100	12.5	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
												3	630	80100	3	SF	SIGN, FLAT SHEET	
												1	630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
												2	630	86002	2	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
												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	251	01000	2	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
												1	304	20000	1	CY	AGGREGATE BASE	
												LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
												LS	503	21300	LS		UNCLASSIFIED EXCAVATION	
												8,536	509	10000	8,536	LB	EPOXY COATED REINFORCING STEEL	
												2,561	509	10001	2,561	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN	18
												60	510	10000	60	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
												2	511	34448	2	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)	
												82	511	43210	82	CY	CLASS QC1 CONCRETE, PIER	
												27	511	71100	27	CY	CONCRETE, MISC.:PUMPED SELF CONSOLIDATING CONCRETE	19
												322	512	10100	322	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
												3,229	513	10201	3,229	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN	18
												8,011	514	00050	8,011	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
												8,011	514	00056	8,011	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
												8,011	514	00060	8,011	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
												8,011	514	00066	8,011	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
												15	514	00504	15	MNHR	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
												9	514	10000	9	EACH	FINAL INSPECTION REPAIR	
												118	514	27700	118	SF	FIELD PAINTING, MISC.:ZINC RICH PRIMER	18
												10	516	45305	10	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	18
												4	516	46900	4	EACH	BEARING DEVICE, MISC.: ELASTOMERIC BEARING PAD WITH LOAD PLATE	28
												LS	516	47001	LS		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	18
												19	519	11101	19	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	18
												MAINTENANCE OF TRAFFIC						
												60	614	11110	60	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
												0.14	614	22100	0.14	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	
												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

CALCULATED
CLP
CHECKED
BMV

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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		
☉	- CENTERLINE	PCB	- PORTABLE CONCRETE BARRIER
CLR.	- CLEARANCE		
CONC.	- CONCRETE	P.C.P.P.	- PERFORATED CORRUGATED PLASTIC PIPE
CONSTR.	- CONSTRUCTION		
DIA.	- DIAMETER		
& φ		PEUF	- PREFORMED EXPANSION JOINT FILLER
DWG.	- DRAWING		
E.F.	- EACH FACE	P.G.	- PROFILE GRADE
EL.	- ELEVATION	PROP.	- PROPOSED
EXP.	- EXPANSION	PT	- POINT
EXIST. & EX.	- EXISTING	R	- RADIUS
F.F.	- FAR FACE	RCP	- ROCK CHANNEL PROTECTION
F/F	- FACE TO FACE	REQ	- REQUIRED
FTG.	- FOOTING	RT.	- RIGHT
FWD.	- FORWARD	S.R.	- STATE ROUTE
F.W.S.	- FUTURE WEARING SURFACE	SER	- SERIES
GR.	- GROUND	SHLDR	- SHOULDER
G.R.	- GUARDRAIL	SPA.	- SPACES
HORIZ.	- HORIZONTAL	SPL	- SPLICE
HMWM	- HIGH MOLECULAR WEIGHT METHACRYLATE	STA.	- STATION
HW	- HIGH WATER	STD.	- STANDARD
JT.	- JOINT	T/S	- TOP OF SLOPE
LT.	- LEFT	T&B	- TOP AND BOTTOM
MIN.	- MINIMUM	TYP.	- TYPICAL
MISC.	- MISCELLANEOUS	U.N.O.	- UNLESS NOTED OTHERWISE
M.O.T.	- MAINTENANCE OF TRAFFIC	V.C.	- VERTICAL CURVE
N.F.	- NEAR FACE	WW	- WINGWALL
		☐	- DOWEL

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.

MOT - 741 - 6.60	PID No. 102685	4 / 13	20 34
ESTIMATED QUANTITIES			
BR. NO. MOT-741-0660 S.R. 741 (SPRINGBORO PIKE) OVER HOLES CREEK			
DESIGNED CAB CHECKED LJP	DRAWN BLS REVISED	REVIEWED BMV STRUCTURE FILE NUMBER 5710472	DATE 4/19/2018
DESIGN AGENCY KORBA KORBA/NEETH ENGINEERING, INC. - CONSULTING ENGINEERS 9550 Metemora Drive, Suite 200 - Columbus, OH 43235-7000 TEL: 614-481-8500 FAX: 614-481-8881 WEB: www.korba.com			