		-		SF	IEET NU	JМ.						PART.	ITEM	ITEM	ITEM GRAND		
				3	4	6	7	10	11	14		01/NHS/PV		ЕХТ	TOTAL	UNIT	
						7/3						7/3	202	23500	7/13		
						145	38					38	202	30000	38	SF	
							10					10	202	32500	10	FT	CURB AND GUTTER REMOVED
							68					68	608	52000	68	SF	CURB RAMP
				2								2	SPECIAL	69050350	2	EACH	MAILBOX REMOVED AND RESET
												7	050	40000		<u> </u>	
 				-			3					3	659	10000	3	SY	SEEDING AND MULCHING
				7								z	611	00654	7	EACH	
				5								5	011	33034	5	LAUIT	MANNOLL ADJUSTED TO GRADE
				1.000								1.000	253	01001	1,000	SY	PAVEMENT REPAIR, AS PER PLAN
				, í						577		, 577	254	01000	577	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
						38,616						38,616	254	01000	38,616	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
										571		571	254	01000	571	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
										873		873	254	01000	873	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
										314		314	254	01000	314	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
										314		314	254	01000	314	SY	PAVEMENT PLANING, ASPHALT CONCRETE,
				50								50	254	01600	50	SY	PATCHING PLANED SURFACE
							1					1	301	46000	1	CY	ASPHALT CONCRETE BASE, PG64-22
				10								10	301	46001	10	CY	ASPHALT CONCRETE BASE, PG64-22, AS PI
				-												<b>.</b>	
						10,038				234		10,272	407	20000	10,272	GAL	NON-TRACKING TACK COAT
						5,(42				135		5,877	442	20001	5,877	CY	ASPHALI CONCRETE SURFACE COURSE, 12.
				6.76		505						505	617	10100	505		DUMPAUTED AGGREGATE
				0.30								0.30 7 10	618	41000	0.30	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CO
 				3.10								3.10	010	43000	3.10	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT
				3 18								3 18	874	21000	3 18	MILE	
				5.10								5.10	014	21000	5.10	INITE	
				22								22	638	10800	22	EACH	VALVE BOX ADJUSTED TO GRADE
									399			399	621	00100	399	EACH	RPM
									399			399	621	54000	399	EACH	RAISED PAVEMENT MARKER REMOVED
								11.19				11.19	642	00104	11.19	MILE	EDGE LINE, 6", TYPE 1
 								5.77				5.77	642	00300	5.77	MILE	CENTER LINE, TYPE 1
								607				607	644	00400	607	FT	CHANNELIZING LINE, 8"
 								45.0				45.0	644	00500	45.0		
								458				458	644	00500	458		
 								3.41				3/1	644	00600	3,41		
 								168				168	644	00700	168		
								462				462	644	01200	462		PARKING LOT STALL MARKING
								102				102	011	01200	102		
								9				9	644	01300	9	EACH	LANE ARROW
								-				-					
																	STR
										356		356	512	33010	356	SY	TYPE 3 WATERPROOFING
										94		94	516	31001	94	FT	JOINT SEALER, AS PER PLAN
																	STR
										98		98	516	31001	98	FT	JOINT SEALER, AS PER PLAN
					24							24	614	11110	24	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL
 								41				4(	614	12460	4(	LACH	WORK ZONE GENTER LINE OF ACC L CACE
								1.49		-		1.49	614	21100	1.49		WORK ZONE CHANNEL TIME, CLASS 1, 642 P
								001				100	014 617	25080	001		WORK ZONE STOP LINE CLASS III 640 DA
								020				020	014	20010	020		THORN ZONE STOP LINE, ULASS III, 642 PA
								132				132	614	27620	132	FT	WORK ZONE CROSSWALK LINE OLASS THE
								11				11	614	30650	11	FACH	WORK ZONE ARROW, CLASS III, 642 PAINT
		1															
 1				1								LS	614	11000	LS		MAINTAINING TRAFFIC
-	-	1	1	-	+	1	1	-	1	+	+ +				1	1	

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DESCRIPTION	SEE Sheet No.	CALCULATED TMK CHECKED CWW
ROADWAY		
	3	
EROSION CONTROL		
DRAINAGE		
PAVEMENI		
	3	
1 1/2" DepTh		
1 3/4" UepTh		
2" UepTh		≻
Variable Depth (0" to 1 1/2")		μ Σ
		◄
Variable Depth (0° to 2°)		5
Variable Depth (1.374" to 2")		
		2
LR PLAN	3	S S
	7	
5 MM, ITPE A (448), AS PER PLAN, PG76-22M	3	~
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JUNURETEJ		
		Ш (5
		Ċ
WATER WORK		
WATER WORK		
TRAFFIC CONTROL		
UCTURE REPAIR (MER-33-0645)		
WATER WORK TRAFFIC CONTROL		
UCTURE REPAIR (MER-33-0645)		
WATER WORK TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847)	12	0
WATER WORK TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847)		06°
WATER WORK TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847)	12	4°90
WATER WORK TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC		3-4°90
WATER WORK TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE	12	33-4°90
WATER WORK TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE		-33-4°90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT		R-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8", 642 PAINT		ER-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8″, 642 PAINT INT		MER-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8″, 642 PAINT INT		MER-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8", 642 PAINT INT S42 PAINT		MER-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8", 642 PAINT INT S42 PAINT		MER-33-4.90
TRAFFIC CONTROL TRAFFIC CONTROL UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0645) UCTURE REPAIR (MER-33-0847) MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE AINT , 8", 642 PAINT INT S42 PAINT		MER-33-4.90
WATER WORK           TRAFFIC CONTROL           IRAFFIC CONTROL           UCTURE REPAIR (MER-33-0645)           UCTURE REPAIR (MER-33-0645)           UCTURE REPAIR (MER-33-0645)           MAINTENANCE OF TRAFFIC           CAR FOR ASSISTANCE           AINT           , 8", 642 PAINT		G MER-33-4.90
TRAFFIC CONTROL  TRAFFIC CONTROL  UCTURE REPAIR (MER-33-0645)  UCTURE REPAIR (MER-33-0645)  UCTURE REPAIR (MER-33-0647)  MAINTENANCE OF TRAFFIC CAR FOR ASSISTANCE  AINT , 8 <sup>r</sup> , 642 PAINT INT S42 PAINT INT		MER-33-4.90

## EXISTING STRUCTURE VERIFICATION



CONTRACT BID PRICES SHALL BE BASED UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED UPON ACTUAL DETAILS AND DIMENSIONS, WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD. PLANS OF THE EXISTING STRUCTURES MAY BE EXAMINED AT THE DISTRICT SEVEN OFFICE IN SIDNEY, OHIO OR THE OFFICE OF STRUCTURAL ENGINEERING IN COLUMBUS, OHIO.

## ITEM 516 - JOINT SEALER, AS PER PLAN (1 1/2" DEEP)

A 1 1/2" DEEP X  $\frac{1}{2}$ " WIDE STRIP SHALL BE SAWCUT OUT OF THE THE PROPOSED OVERLAY. CENTER THE SAWCUT OVER THE CENTER OF THE EXISTING POLYMER MODIFIED ASPHALT EXPANSION JOINT THAT WAS COVERED UP BY THE PROPOSED OVERLAY. JOINT SEALER AS PER 705.04 SHALL BE USED TO SEAL THE JOINT CREATED. THE CONTRACTOR SHALL MARK AND VERIFY THE LOCATIONS WITH THE ENGINEER PRIOR TO ANY MILLING OR PAVING. A QUANTITY HAS BEEN INCLUDED IN THE ESTIMATED QUANTITIES.



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DETAILS AND DIMENSIONS SHOWN IN THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM THE PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATION AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE STRUCTURE AND PROPOSED WORK, BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS

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ANSITION	MAINLINE RESURFACING	T AI
(4) (2) 1 3/4" TO 2 1/2" THICKNESS		CTURE DE
		) NU NU NU
		ST
LEGEND		
RETE, SURFACE COURSE, 12.5 MM,	TYPE A (448), AS PER PLAN, PG76-22M	
3/4″ TO 2 1/2″) ASPHALT CONC (448), AS PER PLAN, PG76-22M	RETE, SURFACE COURSE,	
NCRETE, SURFACE COURSE, 12.3	5 MM, TYPE A (448), AS PER PLAN	0
K COAT @ 0.085 GAL/SY		<del>0</del>
, ASPHALT CONCRETE, 1 3/4″ D	DEPTH	
, ASPHALT CONCRETE, VAR. DE	PTH (1 3/4" TO 2")	Ö
, ASPHALT CONCRETE, 2″ DEPT	Н	
, ASPHALT CONCRETE, VAR. DE	PTH (0" TO 2")	
PER PLAN ( 1 1/2" DEEP)		≥
DFING		
		$\boxed{12}$
SPHALT EXPANSION JOINT		14

	MER-33-0645	MER-33-0847	ITEM	ITEM Extension	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
		577	254	01000	577	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" DEPTH	
	571		254	01000	571	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 2" DEPTH	
		873	254	01000	873	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (0" TO 1 1/2")	
	314		254	01000	314	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (0" TO 2")	
	314		254	01000	314	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (1 3/4" TO 2")	
	111	123	407	20000	234	GAL	NON-TRACKING TACK COAT	
	71	64	441	50100	135	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), AS PER PLAN, PG76-22M	3
	356		512	33010	356	SY	TYPE 3 WATERPROOFING	
	94	98	516	31001	192	FT	JOINT SEALER, AS PER PLAN	12
							QUANTITIES CARRIED TO GENERAL SUMMARY	

LENGTH (BRIDGE LIMITS)	WIDTH	BRIDGE Deck Area	SKEW ANGLE	STRUCTURE	STRUCTURE FILE	COMMENTS (WEARING COURSE)	APPROACH SLAB LENGTH	TOTAL APPROACH Slab Area	TYPE
FT.	FT.	SQ.YD.	DEGREE, MIN., SEC		NOMBER		FT	SQ.YD.	
66.59	44.00	326	20 RF	MER-33-0645	5400392	2" MILL OVER BRIDGE DECK & APPROACH SLABS REPLACE WATERPROOFING & PAVE WITH 2 1/2" OF ASPHALT	25	245	CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURE
64.45	45.33	325	22 RF	MER-33-0847	5400392	1 1/2" MILL/FILL OVER BRIDGE DECK & APPROACH SLABS	25	252	CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURE
-	-	-	16-26-36 LF	MER-33-0988	5400430	PAVE OVER AS ROADWAY (1 3/4" RESURFACE)	-	-	TWIN 12' X 7'-9" CONCRETE BOX CULVERTS

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