A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST INSPECTED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION;

THE INSPECTION DETERMINED THAT APPROXIMATELY 50 SQUARE FEET OF ASPHALT PARAPET EXPANSION PADS CONTAINS ASBESTOS. THE ASBESTOS CONTAINING MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL ENSURE THAT THE ABATEMENT, TRANSPORT, AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL IS CONDUCTED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. THE CONTRACTOR SHALL ENSURE THAT ALL DOCUMENTATION RELATED TO THE ABATEMENT, TRANSPORT, AND DISPOSAL OF ASBESTOS CONTAINING MATERIALS IS SUBMITTED TO THE PROJECT ENGINEER FOR RECORD KEEPING WITHIN 2 WEEKS OF COMPLETION.

THE DEPARTMENT HAS PROVIDED A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM (PARTIALLY COMPLETED) AND THE ASBESTOS INSPECTION REPORT IN THE REFERENCE FILES FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO THE OEPA AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. ONLINE SUBMISSION IS AVAILABLE AT

http://www.epa.ohio.gov/asbestos AND IS ENCOURAGED OR, THE CONTRACTOR SHALL SUBMIT IT TO ONE OF THE ADDRESSES BELOW

ASBESTOS PROGRAM OHIO EPA, DAPC P.O. BOX 1049 COLUMBUS, OH 43216-1049

OF

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ASBESTOS PROGRAM OHIO EPA, DAPC 50 W. TOWN ST., SUITE 700 COLUMBUS, OH 43215

THE FORM SHALL INCLUDE:

- 1. THE CONTRACTORS NAME AND ADDRESS
- 2. THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE STRUCTURE DEMOLITION AND/OR RENOVATION
- 3. DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHODS BE USED
- 4. ALL NECESSARY FEES

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED NOTIFICATION OF DEMOLITION AND RENOVATION FORM TO THE PROJECT ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND
MATERIALS NECESSARY TO COMPLETE AND SUBMIT THE OEPA
NOTIFICATION FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED
IN ITEM 202 STRUCTURE REMOVED, OVER 20 FOOT SPAN

THE CONTRACTOR SHALL FURNISH ALL THE LABOR, EQUIPMENT,
AND MATERIALS NECESSARY TO PROPERLY ABATE, TRANSPORT,
AND DISPOSE OF ASBESTOS CONTAINING MATERIALS IN A LANDFILL
LICENSED BY THE LOCAL HEALTH DEPARTMENT AND PERMITTED BY
THE OHIO ENVIRONMENTAL PROTECTION AGENCY - DIVISION OF
AIR POLLUTION CONTROL TO ACCEPT ASBESTOS CONTAINING
MATERIAL. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM
SPECIAL STRUCTURES, REMOVAL OF ASBESTOS CONTAINING MATERIAL

PLAN NOTE AND PAGE ADDED

NOTES **GENERAL** 1-80-1050 TRU-80-08 PID

2A/10 21A 29

															DATE: 4/29/2020 DATE: 8/26/2020
											ES.	TIMATED	QUANT	TIES	
			BR	IDGE NO.	/ STRUCT	URE FILE	NO.								
TRU-80-0632 7804059 03/IMS/BR	TRU-80-0742 7804083 02/IMS/BR	TRU-80-0798 7804113 02/IMS/BR	TRU-80-0855R 7804164 02/IMS/BR	TRU-80-0856L 7804156 02/IMS/BR	TRU-80-0905 7804202 02/IMS/BR	TRU-80-0941RL 7804237 02/IMS/BR	TRU-80-0941L 7804261 02/IMS/BR	TRU-80-0942R 7804296 02/IMS/BR			ITEM	EXTENSION	UNIT	DESCRIPTION	SEE SHEET
LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP			201	11001	LS	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS	1 / 10
											202	11002	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
						302	502	502			202	23501	SY	WEARING COURSE REMOVED, AS PER PLAN	2 /10
						05	40	40			203	40000	CY	BORROW TACK COAT 700 40	
						25	40	40			407	13900	GAL	TACK COAT, 702.13	
						19	30	30			407	20000	GAL	NON-TRACKING TACK COAT	
						13	21	21			442	10301	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN	4
						† <u> </u>	50				509	10000	LB	EPOXY COATED REINFORCING STEEL	
							10		1		511	81100	FT	CONCRETE, MISC.: PARAPET REPAIR	2 / 10
	35				50		2				512	10100	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
	1142	1129	2167	2468						$ \uparrow $	\\\\\\ 12\\\			TREATING CONCRETE(BRIDGE DECKS/WITH GRAVITY REDIREGIN	
	200				000		<u> </u>	170			513	90000	LB	STRUCTURAL STEEL, MISC.: REPLACEMENT OF DAMAGED CROSSFRAMES	2 / 10
	200				300	4	6	$\frac{1}{6}$		\sim	519 519	12304	USFU SY	PATCHING CONCRETE STRUCTURE AS PER PLAN PATCHING CONCRETE BRIDGE DECK - TYPE C	2 / 10
	LUMP	LUMP			LUMP	4	-	0			SPECIAL	53000200	31	STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS	9 / 10
	LOWII	LOWII			LOWII						OI LOIAL	33000200		OTROCTORES, MICO.: CELETIAINO OF BRIDGE SOLIVIO	3710
	LUMP	LUMP			LUMP						SPECIAL	53000200		STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS	9 / 10
	LUMP	LUMP			LUMP						SPECIAL	53000200		STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS	9 / 10
	LUMP	LUMP			LUMP						SPECIAL	53000200		STRUCTURES, MISC: STRUCTURAL STEEL CLEANING	2 / 10
250		$ \uparrow $		$\wedge \wedge$	\sim		$\gamma\gamma$		$ \uparrow $	\sim	SPECIAL	53000600	YSFY	STRUCTURES: REPAIR OF DETERIORATED SURFACES OF THE STEEL PIPE	2 / 10
<u>}</u>	_ 15	15			15						630	02100	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
	(2)	2			2						630	80100 8 49 00	SF EACH	SIGN, FLAT SHEET REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
		2									630	86002	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
		0.14	0.12	0.12							642	00104	MILE	EDGE LINE, 6", TYPE 1	
_			0.06	0.06							642	00204	MILE	LANE LINE, 6", TYPE 1	
	0.12	0.07									642	00300	MILE	CENTER LINE, TYPE 1	
											659	00300	CY	TOPSOIL	
											659	10000	SY	SEEDING AND MULCHING	
											659 659	14000 15000	SY SY	REPAIR SEEDING AND MULCHING INTER-SEEDING	
											059	15000	31	INTER-SEEDING	
					1	 			1		659	20000	TON	COMMERCIAL FERTILIZER	
									1		659	31000	ACRE	LIME	
											659	35000	MGAL	WATER	
						23	30	30			846	00110	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	
						13	21	21			856	10000	CY	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE	
						1			1						
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REVISED QUANTITIES

REVISED QUANT TIES

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DESIGN AGENCY ODOT DISTRICT 4 CAPTIAL PLANNING

STRUCTURE ESTIMATED QUANTITIES

TRU-80

VARIOUS STRUCTURES

TRU-80-08.56 PID No. 96519

22 29

													DATE: 4/29/202 DATE: 8/26/202
									ES.	TIMATED	QUANTI	TIES	
			BR	RIDGE NO.	/ STRUCT	TURE FILE	NO.						
1 KU-80-095/K 7804350 02/IMS/BR	TRU-80-0958L 7804326 02/IMS/BR	TRU-80-1026 7804385 02/IMS/BR	TRU-80-1050 7804415 04/IMS/BR	TRU-80-1084R 7804504 02/IMS/BR	TRU-80-1085L 7804474 02/IMS/BR	TRU-80-1185 7804539 02/IMS/BR			ITEM	EXTENSION	UNIT	DESCRIPTION	SEE SHEET
LUMP	LUMP	LUMP	LUMP	LUMP	LUMP	LUMP			201	11001	LS	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS	1 / 10
			LUMP						202	11002	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
		940		1067	1067	752			202	23501	SY	WEARING COURSE REMOVED, AS PER PLAN	2 / 10
		3							203	10000	CY	EXCAVATION	
		3							203	40000	CY	BORROW	
		75		06	96	- 60			407	12000	CAL	TACK COAT 702.42	
		75 57		86 64	86 64	60 45			407 407	13900 20000	GAL GAL	TACK COAT, 702.13 NON-TRACKING TACK COAT	
		40	-	44	44	32			442	10301	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN	4
		1 40		25	25	52			512	10100	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
2597	2594								512	73500	SY	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN	
									513	90000	LB	STRUCTURAL STEEL, MISC.: REPLACEMENT OF DAMAGED CROSSFRAMES	2 / 1
				100	100				519	11101	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	2 / 1
		10		11	11	8			519	12304	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C	
		LUMP				LUMP			SPECIAL	53000200		STRUCTURES, MISC.: CLEANING OF BRIDGE JOINTS	9 / 1
		LUMP				LUMP			SPECIAL	53000200		STRUCTURES, MISC.: CLEANING OF BRIDGE SEATS	9 / 1
		LUMP				LUMP			SPECIAL	53000200		STRUCTURES, MISC.: CLEANING OF DRAINAGE SYSTEMS	9 / 10
		LUMP				LUMP			SPECIAL	53000200		STRUCTURES, MISC: STRUCTURAL STEEL CLEANING	2 / 1
		LOWII				LOWII			SPECIAL	53000600	SF	STRUCTURES: REPAIR OF DETERIORATED SURFACES OF THE STEEL PIPE	2 / 1
			160						607	15000	FT	FENCE, TYPE 47	
		10~	~		~~			~	611	95900	√₹	GROUND MOUNTED SUPPORT, NO. 2 POST	
		15	, ,	' ' '	, ,	, ,			630	02100	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
	(1										1	
	\longrightarrow	$\frac{2}{\sqrt{2}}$	<u> </u>	X X	\ \ \ \	 			630	80100	SF	SIGN, FLAT SHEET	
	_/	2	-					900	630	84900 86002	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
0.12	0.12	0.10							642	00104	MILE	EDGE LINE, 6", TYPE 1	
0.06	0.06	0.10							642	00204	MILE	LANE LINE, 6", TYPE 1	
		0.05							642	00300	MILE	CENTER LINE, TYPE 1	
350	360								642	00404	FT	CHANNELIZING LINE, 12", TYPE 1	
125	120								642	00500	FT	STOP LINE, TYPE 1	
			5.5						659	00300	CY	TOPSOIL	
			50						659	10000	SY	SEEDING AND MULCHING	
			3						659	14000	SY	REPAIR SEEDING AND MULCHING	
			3						659	15000	SY	INTER-SEEDING	
			0.01						659	20000	TON	COMMERCIAL FERTILIZER	
			0.01						659	31000	ACRE	LIME	
			0.14			1			659	35000	MGAL	WATER	
		26		25	25	20			846	00110	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	
		40	~~	44	44	32			856	10000	CY	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE	
		(7 7	1 1 Y	Y Y	Y Y .	* * * * * * *	7 7 7	YYY	7 7 7 7	Y Y Y	A A A A A A A A A A A A A A A A A A A	
		۲ –	50						SPECIAL	53000600	SF	STRUCTURES, REMOVAL OF ASBESTOS CONTAINING MATERIAL	
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ITEM ADDED

REVISED QUANTITIES

DESIGN AGENCY ODOT DISTRICT 4 CAPTIAL PLANNING

STRUCTURE ESTIMATED QUANTITIES

TRU-80

VARIOUS STRUCTURES

TRU-80-08.56 PID No. 96519