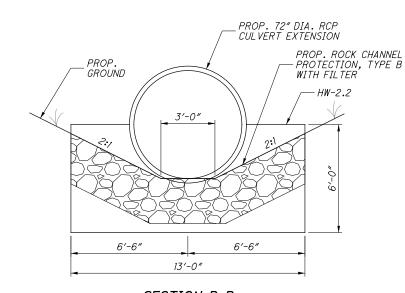
SHEET NUM.				PART.		ITEM	ITEM	GRAND	UNIT	DESCRIPTION		T I					
213	256	263							01/IMS/P V	02/IMS/P V	I I LIVI	EXT	TOTAL	ONT	DESCRIPTION	SHEE NO.	CALC
															RETAINING WALLS (WALL 1)		$\dashv$
LS	LS								LS		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING		
	270								270		503	21100	270		UNCLASSIFIED EXCAVATION		
	12,152								12,152		509	10000	12,152		EPOXY COATED REINFORCING STEEL		_
	19								19		511	46010	19		CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING		
	45								45		511	46510	45	CY	CLASS QC1 CONCRETE, FOOTING		_
																	_
	108								108		512	10050	108		SEALING OF CONCRETE SURFACES (NON-EPOXY)		
	9								9		512	33000	9	SY	TYPE 2 WATERPROOFING		
	14								14		<i>516</i>	13000	14		1/4" PREFORMED EXPANSION JOINT FILLER		
	120								120		516	13600	120		1" PREFORMED EXPANSION JOINT FILLER		
	5								5		<i>516</i>	31000	5	FT	JOINT SEALER		
	73								73		<i>518</i>	21200	73		POROUS BACKFILL WITH GEOTEXTILE FABRIC		_
	180								180		<i>518</i>	40000	180		6" PERFORATED CORRUGATED PLASTIC PIPE		
	25								25		<i>518</i>	40010	25		6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS		
	180								180		622	10161	180	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	256-25	58
						1									NOISE BARRIERS		$\neg$
		366							366		202	75201	366	FT	FENCE REMOVED FOR REUSE, AS PER PLAN	264	$\neg$
		6		1					6		601	21050	6	SY	TIED CONCRETE BLOCK MAT, TYPE 1		$\dashv$
		500		1	1				500		605	13300	500		6" UNCLASSIFIED PIPE UNDERDRAINS		$\dashv$
									1								$\dashv$
		9,504							9,504		SPECIAL	60610210	9,504	SF	NOISE BARRIER (REFLECTIVE)	262	,—
		32							32		611	00510	32		6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS		$\dashv$
		3							3		611	99710	3	EACH	PRECAST REINFORCED CONCRETE OUTLET		$\dashv$
									<del>                                     </del>		011	33770		LACIT	THEORY NEIN ONCE CONCRETE COTEET		-
				1													-
				-											STRUCTURE 20 FOOT SPAN AND UNDER (1812232)	_	$\dashv$
,					-	-	1		,		202	20010	,	EACH	HEADWALL REMOVED		$\overline{}$
8									1				1				_
									8		202	35200	8		PIPE REMOVED, OVER 24"		
21									21		601	32100	21		ROCK CHANNEL PROTECTION, TYPE B WITH FILTER		_
.8									2.8		602	20000	2.8	CY	CONCRETE MASONRY		_
																	_
19									19		611	26000	19	FT	72" CONDUIT, TYPE A		_
.5									LS		SPECIAL	69071000	LS		ASBESTOS ABATEMENT (CULVERT JOINT MATERIAL)	213	_
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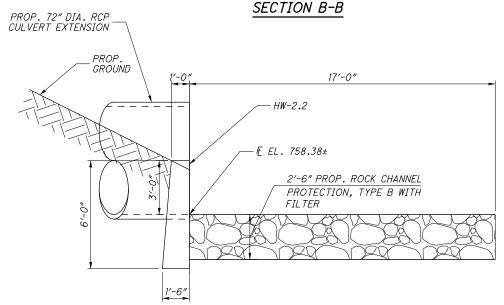
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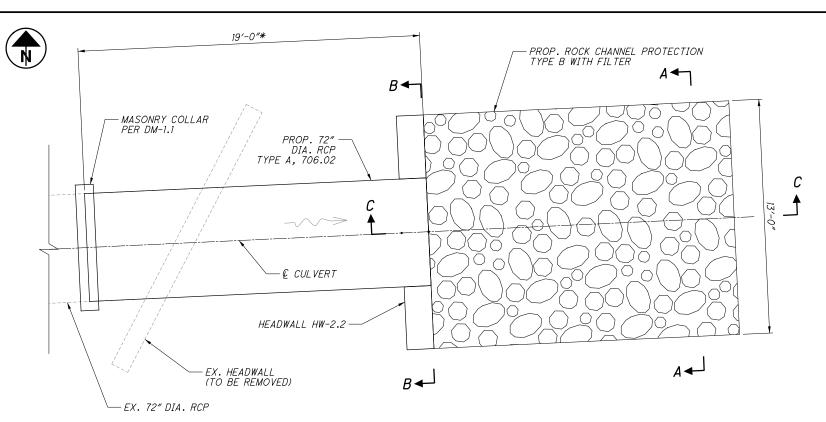




SECTION C-C

## LEGEND:

\* = DIMENSION MAY VARY AS DEPENDENT UPON FIRST JOINT LOCATION



## OUTLET PLAN

				CALC.	DATE			
		BFK	8/22/18					
	ESTIMATED QUANTITIES							
				JDH	8/22/18			
ITEM	ITEM EXT.	UNIT	DESCRIPTION	TOTAL	SHT. REF.			
202	20010	EACH	HEADWALL REMOVED	1				
202	35200	FT	PIPE REMOVED, OVER 24"	8				
601	32100	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	21				
602	20000	CY	CONCRETE MASONRY	2.8				
503	11100	LS	COFFERDAMS AND EXCAVATION BRACING	LS				
611	26000	FT	72" CONDUIT, TYPE A (706.02)	19				
SPECIAL	69071000		ASBESTOS ABATEMENT (CULVERT JOINT MATERIAL)	LS	213 / 264			

## ITEM SPECIAL - ASBESTOS ABATEMENT (CULVERT JOINT MATERIAL):

AN ASBESTOS SURVEY OF THE BRIDGE AND CULVERT STRUCTURES SCHEDULED FOR DEMOLITION WAS COMPLETED IN NOVEMBER 2016 BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST (CAHES). THE SURVEY IDENTIFIED THE POTENTIAL/PRESUMED ASBESTOS CONTAINING MATERIALS AT THE LOCATIONS LISTED BELOW:

ASBESTOS ABATMENT TABLE								
CULVERT FILE NUMBER	ASBESTOS CONTAINING MATERIAL	LOCATION	ESTIMATED QUANTITY					
1812232	BLACK- JOINT SEALANT	JOINT BETWEEN PIPE SEGMENTS	4 S.F.					

THE QUANTITY OF 4 S.F. INCLUDES AN ESTIMATED 4 S.F. PER JOINT LOCATED ON THE INSIDE AND OUTSIDE OF THE PIPE FOR A TOTAL OF 1 JOINT.

A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM WITH SECTIONS I-VII AND XVI COMPLETED IS AVAILABLE AT THE ODOT DISTRICT 6 OFFICE (PLANNING DEPARTMENT), THE FORM MUST BE SUBMITTED TO OEPA AT LEAST 10 DAYS PRIOR TO DEMOLITION/RENOVATION ACTIVITIES.

A LICENSED CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE POSSIBLE TO ENSURE THAT THE ASBESTOS CONTAINING MATERIAL (ACM) DOES NOT BECOME FRIABLE. TO ASSURE THAT THE NONFRIABLE ASBESTOS MATERIAL DOES NOT BECOME FRIABLE OR IN THE EVENT THAT THE NONFRIABLE MATERIAL BECOMES FRIABLE, THE CONTRACTOR SHALL PROVIDE AN INDIVIDUAL TRAINED IN THE PROVISIONS OF NESHAP THAT WILL BE ON-SITE DURING THE DEMOLITION AND/OR REMOVAL OF THE ACM. ALL ACMS SHALL BE PROPERLY CONTAINERIZED, TRANSPORTED, AND DISPOSED OF IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.

BASIS OF PAYMENT: THE CONTRACTOR SHALL FURNISH ALL THE LABOR (INCLUDING CAHES), EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE, SUBMIT, AND COMPLY WITH THE OEPA NOTIFICATION FOR AND TO REMOVE, TRANSPORT AND DISPOSE OF ASBESTOS CONTAINING MATERIALS IN A LICENSED (BY THE LOCAL HEALTH DEPARTMENT) AND PERMITTED (BY THE OEPA) SOLID WASTE FACILITY. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT PRICES BID LUMP SUM. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE RESPECTIVE CULVERT ESTIMATED QUANTITIES FOR THE WORK NOTED ABOVE: 690E71000 ITEM SPECIAL - ASBESTOS ABATEMENT (CULVERT JOINT MATERIAL), LUMP SUM

FOR ADDITIONAL INFORMATION SEE PROJECT ASBESTOS REPORT DATED 11/10/2016.

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