

ENDANGERED BAT HABITAT REMOVAL

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY ENDANGERED NORTHERN LONG-EARED BAT, INDIANA BAT, TRICOLORED BAT AND THE STATE ENDANGERED LITTLE BROWN. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT AND ORC 1531.25. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

UNDERGROUND STORAGE TANK AND PETROLEUM CONTAMINATED SOILS

ENVIRONMENTAL STUDIES INDICATED THAT AN UNDERGROUND STORAGE TANK (UST) WILL BE AND PETROLEUM CONTAMINATED SOIL (PCS) MAY BE ENCOUNTERED DURING EXCAVATIONS WITHIN THE PROJECT LIMITS. THESE LIMITS ARE ESTIMATED TO BE STATE ROUTE 18, FROM APPROXIMATELY STATION 80+20 TO APPROXIMATELY STATION 82+00, LEFT; IN THE AREA OF 5110 ST RT 18 WELLINGTON, OH 44090. THE CONTRACTOR MUST DETERMINE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT FOR THOSE WHO CONDUCT WORK WITHIN THE LIMITS OF THE PCS.

ALL EXCAVATED PCS THAT CANNOT BE REUSED AS PROJECT FILL PER CMS 203.03(J), SHALL BE MANAGED AND DISPOSED OF AT A LICENSED LANDFILL. THE ENGINEER MAY PERMIT THE CONTRACTOR TO DIRECT LOAD THE EXCAVATED PCS INTO TRUCKS FOR TRANSPORT AND DISPOSAL. AS AN ALTERNATE, THE ENGINEER MAY PERMIT THE CONTRACTOR TO TEMPORARILY STOCKPILE THE EXCAVATED PCS ON AN IMPERMEABLE MEMBRANE, IN AN AREA PROVIDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE STOCKPILE SHOULD BE SURROUNDED BY STRAW BALES TO REDUCE RUNOFF. THE CONTRACTOR WILL PROVIDE COMPLETED LOG FORMS AND MANIFESTS FOR TRANSPORT AND DISPOSAL TO THE ENGINEER FOR SIGNATURE. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TESTING THAT THE LANDFILL MAY REQUIRE FOR DISPOSAL.

ONE (1) UNDERGROUND STORAGE TANK (UST) WAS IDENTIFIED DURING PROJECT DEVELOPMENT SHALL FOLLOW CMS 202.08 FOR PROPER PERMITTING, REMOVAL, AND DISPOSAL OF THE TANK. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING, SOIL AND GROUNDWATER DISPOSAL, TANK PREPARATION, REMOVAL AND DISPOSAL, INSPECTIONS, SAMPLING, AND REPORTING. ALL TANK REMOVAL ACTIVITIES MUST BE CONDUCTED BY A CERTIFIED TANK INSTALLER.

IF EXCAVATIONS WITHIN THE PCS REQUIRE DEWATERING FOR CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL DEWATER, CONTAINERIZE, AND DISPOSE OF WATERS BY METHOD APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS NEEDED TO STORE, TRANSPORT, AND DISPOSE OF WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TESTING REQUIRED FOR DISPOSAL. ALL EXCAVATED AREAS SHALL BE BACKFILLED WITH SUITABLE MATERIAL IN ACCORDANCE WITH PROJECT PLANS, APPLICABLE ODOT SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ALL THE LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PROPERLY MANAGE, STORE (IF NECESSARY), TEST FOR DISPOSAL, TRANSPORT AND DISPOSE OF REGULATED MATERIALS, INCLUDING ANY REQUIRED PERMITS OR FEES WITHIN THE IDENTIFIED LIMITS. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT PRICE BID. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY.

690E65000 - WORK INVOLVING NON-REGULATED MATERIAL	550 TON
690E65016 - WORK INVOLVING PCS	550 TON
690E67000 - REGULATED UNDERGROUND STORAGE TANK REMOVED	1 EACH
690E65022 - NON-REGULATED WATER	500 GALLON
690E65024 - REGULATED WATER	500 GALLON

HAZARDOUS MATERIALS

ACCORDING TO THE PLANS, A 10-INCH ASBESTOS CONCRETE WATER MAIN IS LOCATED WITHIN THE PROJECT AREA. SHOULD THE CONTRACTOR DISTURB THE WATER MAIN DURING CONSTRUCTION, THEY ARE REQUIRED TO ADHERE TO CMS 202.04 REGARDING THE REMOVAL OF PIPES CONTAINING ASBESTOS MATERIALS.

611 TYPE A OR B CONDUIT, AS PER PLAN

USE 703.11 STRUCTURAL BACKFILL TYPE 1 OR 613 LOW STRENGTH MORTAR, TYPE 2 AS STRUCTURAL BACKFILL FOR ALL TYPE A AND B FLEXIBLE CONDUITS 12-INCH DIAMETER AND LARGER. DETAIL THE SELECTED CONDUIT MATERIAL AND STRUCTURAL BACKFILL IN THE 611 INSTALLATION PLAN PER 611.04 B. NOTIFY THE ENGINEER IMMEDIATELY WHEN GROUNDWATER IS ENCOUNTERED DURING EXCAVATION. USE 703.11 STRUCTURAL BACKFILL IN AREAS WHERE GROUNDWATER IS PRESENT. INSTALL 703.11 STRUCTURAL BACKFILL TYPE 3 AND GEOTEXTILE FABRIC ACCORDING TO 611.06. VERIFY THE CONDUIT MATERIAL AND REVISED BACKFILL MEET THE STRUCTURAL DESIGN REQUIREMENTS WITH THE CONDUIT MANUFACTURER PRIOR TO INSTALLATION.

GENERAL NOTES

DESIGN AGENCY

ARW

REVIEWER

JRE 01/06/26

PROJECT ID

116214

SHEET

TOTAL

P.7A

P.73

SHEET NUMBER												PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
RW.3	RW.4	P.7	P.7A	P.14	P.15	P.16	P.17	P.30	P.38	P.41	P.42							
ROADWAY																		
		LS										LS	201	11000	LS		CLEARING AND GRUBBING	
		7,096										7,096	202	23000	7,096	SY	PAVEMENT REMOVED	
		616										616	202	30000	616	SF	WALK REMOVED	
		245										245	202	35100	245	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
		8										8	202	58100	8	EACH	CATCH BASIN REMOVED	
		40										40	202	75000	40	FT	FENCE REMOVED	
		1										1	202	75250	1	EACH	GATE REMOVED	
		2										2	202	98100	2	EACH	REMOVAL MISC.: ROCK	P.7
		1										1	202	98100	1	EACH	REMOVAL MISC.: BRICK PILLAR	P.7
		2										2	202	98100	2	EACH	REMOVAL MISC.: CONCRETE SLAB	P.7
		2										2	202	98100	2	EACH	REMOVAL MISC.: FLAG POLE	P.7
		4										4	202	98100	4	EACH	REMOVAL MISC.: POST	P.7
		1										1	202	98100	1	EACH	REMOVAL MISC.: PRIVATE SIGN	P.7
		1										1	202	98100	1	EACH	REMOVAL MISC.: RELOCATE CANNON	P.7
		146										146	202	98400	146	SF	REMOVAL MISC.: STONE PATH	P.7
		1,512		1,310		251						3,073	203	10000	3,073	CY	EXCAVATION	
		248		365		2,859						3,472	203	20000	3,472	CY	EMBANKMENT	
		437										8,416	204	10000	8,853	SY	SUBGRADE COMPACTION	
		572										9,176	206	15020	9,176	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
												572	608	10000	572	SF	4" CONCRETE WALK	
4												4	623	38500	4	EACH	MONUMENT ASSEMBLY, TYPE C	RW.3
1												1	623	40500	1	EACH	REFERENCE MONUMENT, TYPE A	RW.3
7	25	LS		LS								32	623	40520	32	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
												LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
												LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
		10										10	SPECIAL	69050350	10	EACH	MAILBOX REMOVED AND RESET	P.7
												269	SPECIAL	69098300	269	SY	STONE MULCH	P.42
EROSION CONTROL																		
		350		79								429	659	00300	429	CY	TOPSOIL	
		3,149										3,149	659	10000	3,149	SY	SEEDING AND MULCHING	
		158										158	659	14000	158	SY	REPAIR SEEDING AND MULCHING	
		158										158	659	15000	158	SY	INTER-SEEDING	
		0.44										0.44	659	20000	0.44	TON	COMMERCIAL FERTILIZER	
		0.66										0.66	659	31000	0.66	ACRE	LIME	
		18		242								18	659	35000	18	MGAL	WATER	
												242	670	00700	242	SY	DITCH EROSION PROTECTION	
					LS							LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
					LS							LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
					LS							LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
					50,000							50,000	832	30000	50,000	EACH	EROSION CONTROL	
ENVIRONMENTAL / REMEDIATION																		
		1										1	202	67000	1	EACH	REGULATED UNDERGROUND STORAGE TANK REMOVED	
		550										550	SPECIAL	69065000	550	TON	WORK INVOLVING NON-REGULATED MATERIALS	P.7A
		550										550	SPECIAL	69065016	550	TON	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	P.7A
		500										500	SPECIAL	69065022	500	GAL	WORK INVOLVING NON-REGULATED WATER	P.7A
		500										500	SPECIAL	69065024	500	GAL	WORK INVOLVING REGULATED WATER	P.7A
DRAINAGE																		
		2,867										2,867	605	14000	2,867	FT	6" BASE PIPE UNDERDRAINS	
		186										186	611	00510	186	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
		42										42	611	00900	42	FT	6" CONDUIT, TYPE B	
		24										24	611	01800	24	FT	8" CONDUIT, TYPE B	
		48										48	611	02000	48	FT	8" CONDUIT, TYPE C	
		410										410	611	04401	410	FT	12" CONDUIT, TYPE B, AS PER PLAN	P.7A
		94										94	611	04600	94	FT	12" CONDUIT, TYPE C	P.7A
		94										94	611	05901	94	FT	15" CONDUIT, TYPE B, AS PER PLAN	P.7A
		24										24	611	06100	24	FT	15" CONDUIT, TYPE C	JRE 09/29/25
		2										2	611	98150	2	EACH	CATCH BASIN, NO. 3	PROJECT ID 116214
		8										8	611	98180	8	EACH	CATCH BASIN, NO. 3A	SHEET TOTAL P.12 P.73
		11										11	611	98470	11	EACH	CATCH BASIN, NO. 2-2B	
		6										6	611	99574	6	EACH	MANHOLE	

