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ITEM 614, MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, THE SPECIFICATIONS, STANDARD CONSTRUCTION DRAWINGS, AND THE FOLLOWING:

1. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THE CONTRACTOR WORK LIMITS.
2. ALL EXISTING LANES ALONG SR-3, IR-71, AND ALL IR-71 RAMPS SHALL BE MAINTAINED WITHOUT DISRUPTION, DETOUR, OR CLOSURE THROUGHOUT THE DURATION OF THE PROJECT.
3. ALL ACCESS POINTS TO THE CONTRACTOR WORK LIMITS SHALL HAVE A SIGNED CONSTRUCTION ENTRANCE DRIVE. PAVEMENT ADJACENT TO EACH CONSTRUCTION ENTRANCE DRIVE SHALL BE LEFT CLEAN AT THE END OF EACH DAY TO THE APPROVAL OF THE PROJECT ENGINEER.
4. FLAGGERS MAY BE REQUIRED FOR TRUCK ACCESS AND EGRESS AT CONSTRUCTION ENTRANCES AS DIRECTED BY THE PROJECT ENGINEER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A WORK ZONE IMPACT ATTENUATOR AT ALL LOCATIONS WHERE GUARDRAIL IS REMOVED FOR ACCESS. FURNISHING, INSTALLING, AND REMOVING WORK ZONE IMPACT ATTENUATORS AND RESTORATION OF GUARDRAIL IS INCIDENTAL TO ITEM 614 - MAINTAINING TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE PROJECT ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

THE ABOVE WORK, INCLUDING ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING IS INCIDENTAL TO ITEM 614 - MAINTAINING TRAFFIC.

PROJECT COMPLETION

CONSTRUCTION OF THE PROJECT, WITH THE EXCEPTION OF FINAL GRADING, SEEDING AND MULCHING AND OTHER INCIDENTAL ITEMS SHALL BE COMPLETED BY DECEMBER 31, 2022.

ITEM 202 - GUARDRAIL REMOVED FOR REUSE, AS PER PLAN

GUARDRAIL WITHIN THE CONTRACTOR WORK LIMITS MAY BE REMOVED FOR ACCESS TO THE WORK AREAS. CAREFULLY DISMANTLE AND STORE EXISTING GUARDRAIL (INCLUDING ANCHOR ASSEMBLIES AND TERMINAL ASSEMBLIES, AND ANY ATTACHED POSTS, SIGNS, AND DELINEATORS) FOR REUSE. DO NOT LEAVE HAZARDS UNPROTECTED EXCEPT FOR THE ACTUAL TIME REQUIRED TO REMOVE THE EXISTING GUARDRAIL AND INSTALL THE PROPOSED GUARDRAIL IN A CONTINUOUS OPERATION. DO NOT REMOVE THE GUARDRAIL UNTIL THE REPLACEMENT MATERIAL IS ON THE SITE AND READY FOR INSTALLATION. THE PROJECT ENGINEER WILL SUSPEND WORK FOR FAILURE TO COMPLY WITH THIS REQUIREMENT. BACKFILL THE CAVITY CREATED BY THE REMOVAL ITEM ACCORDING TO 202.02, EXCEPT WHEN THE CAVITY LIES WITHIN THE LIMITS OF SUBSEQUENT EXCAVATION OR OTHER WORK. CAREFULLY RECONDITION AND RE-ERECT GUARDRAIL AND COMPONENT PARTS OF ANY GUARDRAIL THAT ARE DAMAGED OR REMOVED DURING THE WORK. ANY NEW PARTS WHICH ARE NEEDED, AS DETERMINED BY THE PROJECT ENGINEER, WILL BE SUPPLIED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE. ALL WORK AND MATERIALS ARE INCIDENTAL TO ITEM 614 - MAINTAINING TRAFFIC.

ENVIRONMENTAL COMMITMENTS

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES 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. 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.

ODOT WILL OBTAIN AND ADHERE TO ALL APPROPRIATE WATERWAY PERMITS PRIOR TO ANY WORK BELOW THE ORDINARY HIGH WATER MARK OF ANY WATERWAY AND ALL SPECIAL PROVISIONS FOR WATERWAY PERMITS WILL BE INCLUDED IN THE PROJECT PLANS.

ODOT SHALL COMPLETE FLOODPLAIN COORDINATION PRIOR TO THE START OF CONSTRUCTION.

BASELINE GEOMETRY FOR @ CONSTRUCTION				
CURVE #	POINT	STATION	GROUND COORDINATE	
			NORTHING	EASTING
CULVERT				
	POT	14+12.00	557234.39	2163676.85
	POT	17+94.00	557173.55	2164053.98
WALL A				
	POT	101+00.00	557258.39	2163714.60
	PI	101+33.00	557238.73	2163741.11
	POT	102+00.00	557228.93	2163807.39
WALL B				
	POT	201+00.00	557191.86	2163718.19
	PI	201+32.00	557208.11	2163745.76
	POT	201+80.00	557200.23	2163793.11
WALL D				
	POT	401+00.00	557172.78	2163963.01
	POT	401+80.00	557160.23	2164042.02

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GENERAL NOTES

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SHEET NO.				FUNDING	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
2	3	7	14	01/STR/BR						
									ROADWAY	
LUMP				LUMP	201	11000	LUMP		CLEARING AND GRUBBING	2
93				93	203	10001	93	CY	EXCAVATION, AS PER PLAN	2
116				116	203	20001	116	CY	EMBANKMENT, AS PER PLAN	2
									EROSION CONTROL	
		403		403	601	32000	403	CY	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER	
11				11	659	00300	11	CY	TOPSOIL	
12700				12700	659	10000	12700	SY	SEEDING AND MULCHING	
635				635	659	14000	635	SY	REPAIR SEEDING AND MULCHING	
635				635	659	15000	635	SY	INTER-SEEDING	
1.71				1.71	659	20000	1.71	TON	COMMERCIAL FERTILIZER	
2.61				2.61	659	31000	2.61	ACRE	LIME	
68				68	659	35000	68	MGAL	WATER	
				LUMP	832	15000	LUMP		STORM WATER POLLUTION PREVENTION PLAN	
				LUMP	832	15002	LUMP		STORM WATER POLLUTION PREVENTION INSPECTIONS	
				LUMP	832	15010	LUMP		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
				20008	832	30000	20008	EACH	EROSION CONTROL	
									DRAINAGE	
		31		31	518	21200	31	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
		164		164	518	42000	164	FT	8" PERFORATED CORRUGATED PLASTIC PIPE	
									RETAINING WALL	
LUMP				LUMP	202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
				LUMP	503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING	
		13		13	511	46511	13	CY	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN	2
			2450	2450	524	94503	2450	FT	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN	12
			90	90	524	95000	90	FT	DRILLED SHAFTS, MISC.: 24" DIAMETER PLUG PILE - 10 FT	12
									INCIDENTAL	
LUMP				LUMP	614	11000	LUMP		MAINTAINING TRAFFIC	3
				4	619	16000	4	MNTH	FIELD OFFICE, TYPE A	
				LUMP	623	10000	LUMP		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
				LUMP	624	10000	LUMP		MOBILIZATION	

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GENERAL SUMMARY

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