

FARM DRAINS

ALL FARM DRAINS, WHICH ARE ENCOUNTERED DURING CONSTRUCTION, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS. EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY, SHALL BE REPLACED WITHIN THE (CONSTRUCTION) LIMITS BY ITEM 611 CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES, SHALL BE OUTLETTED INTO THE ROADWAY DITCH BY 611 TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION SHALL BE ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. LATERAL FIELD TILES WHICH CROSS THE ROADWAY SHALL BE INTERCEPTED BY 611, TYPE E CONDUIT, AND CARRIED IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS SHALL BE DETERMINED BY THE ENGINEER AND PAYMENT SHALL BE MADE ON FINAL MEASUREMENTS.

EROSION CONTROL PADS SHALL BE PROVIDED AT THE OUTLET END OF ALL FARM DRAINS AS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE. PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES SHALL BE INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611, 6" CONDUIT, TYPE E	400 FT.
611, 8" CONDUIT, TYPE F	400 FT.
611, 12" CONDUIT, TYPE B	100 FT.
611, 12" CONDUIT, TYPE C	100 FT.
202, PIPE REMOVED, 24" AND UNDER	50 FT.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION TYPE DEVICES BETWEEN THE HOURS OF 7 PM AND 7 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

VEGETATED FILTER STRIP

THIS PLAN UTILIZES VEGETATED FILTER STRIPS FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE ITEM 659 SEEDING AND MULCHING WITH A 4- INCH LIFT OF TOPSOIL AND ITEM 670, SLOPE EROSION PROTECTION TO ALL DISTURBED AREAS DESIGNATED AS VEGETATED FILTER STRIPS, THE EDGE OF SHOULDER, AND THE FORESLOPE AS SPECIFIED IN THE PLANS SHOWN ON SHEET 21.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS MAY INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

ITEM 204 PROOF ROLLING, AS PER PLAN

THE CONTRACTOR SHALL UTILIZE A FULLY LOADED TANDEM DUMP TRUCK IN LIEU OF THE PROOF ROLLER REQUIREMENTS LISTED IN SPECIFICATION 204.06, A-G. ALL OTHER REQUIREMENTS PER 204.06 SHALL APPLY.

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS NEW PATH PAVEMENT REQUIRING PROOF ROLLING.

204 PROOF ROLLING, AS PER PLAN	10 HOUR
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ENVIRONMENTAL COMMITMENTS

1. THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. 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. 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.

2. THE CONTRACTOR MUST VISUALLY INSPECT WORK AREAS ON THE STRUCTURE FOR BATS AND EVIDENCE OF ROOSTING BATS 60 DAYS PRIOR TO STARTING WORK. THE PERSON(S) CONDUCTING THE INSPECTION MUST BE CAPABLE OF IDENTIFYING BATS AND THEIR DROPPINGS. INSPECTION USING BINOCULARS FROM THE GROUND IS ACCEPTABLE. THE CONTRACTOR MUST PROVIDE WRITTEN CONFIRMATION OF THE INSPECTION TO THE ENGINEER, INCLUDING A STATEMENT INDICATING WHETHER EVIDENCE OF ROOSTING BATS WERE FOUND. IF INSPECTION FINDS NO EVIDENCE OF ROOSTING BATS WERE ENCOUNTERED, CONSTRUCTION ACTIVITIES CAN PROCEED ANY TIME OF THE YEAR. IF INSPECTION DOES FIND EVIDENCE OF ROOSTING BATS WITHIN THE PROPOSED WORK AREA, CONTACT THE ENGINEER AND ODOT DISTRICT ENVIRONMENTAL COORDINATOR STACY SCHIMMOELLER AT 419-373-4319 IMMEDIATELY. THIS MEANS THAT DECK REMOVAL ACTIVITIES CAN ONLY OCCUR BETWEEN OCTOBER 31 AND MARCH 31 UNLESS THE CONTRACTOR BLOCKS ACCESS TO PORTIONS OF THE BRIDGE THAT COULD BECOME ROOSTING LOCATIONS (SUCH AS THE UNDERSIDE OF BRIDGE EXPANSION JOINTS, ETC.) PRIOR TO APRIL 1ST. THE CONTRACTOR MUST PROVIDE WRITTEN CONFIRMATION TO THE ENGINEER INCLUDING A STATEMENT INDICATING MEASURES TAKEN TO BLOCK ACCESS TO ROOSTING LOCATIONS. WORK THAT WOULD RESULT IN HARM TO THE BATS SHALL NOT OCCUR.

3. IF DEAD OR INJURED BATS ARE FOUND AT THE PROJECT SITE, THE CONTRACTOR SHALL IMMEDIATELY REPORT IT TO ODOT DISTRICT ENVIRONMENTAL COORDINATOR STACY SCHIMMOELLER AT 419-373-4319 AND USFWS OHIO FIELD OFFICE AT 614-416-8993. DO NOT HANDLE THE BAT.

4. THIS PROJECT IS LOCATED IN OR NEAR A PUBLIC DRINKING WATER SOURCE. IN ORDER TO MINIMIZE THE POTENTIAL FOR A RELEASE IN THIS SENSITIVE AREA DO NOT PERFORM EQUIPMENT FUELING FROM STA 99+00 (VETERANS MEMORIAL PARK) TO 149+00 (SR 51); ALONG MARTIN WILLISTON ROAD FROM STA 64+00 SR 51 TO STA 22+18.04 (FORMER RAILROAD BED), AND ALONG THE FORMER RAILROAD BED FROM STA 75+30 (MARTIN WILLISTON ROAD) TO STA 100+00 (TOUSSAINT CREEK). IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THESE LIMITS, PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVENT OF A SPILL. DO NOT PERFORM MAINTENANCE ACTIVITIES ASSOCIATED WITH ANY VISCOUS MATERIAL THAT HAS POTENTIAL TO CONTAMINATE THE GROUNDWATER. ALL EQUIPMENT OR LIQUID CONTAINERS SHALL BE REGULARLY CHECKED FOR LEAKS PRIOR TO ENTERING THE RESTRICTED AREAS. THE CONTRACTOR SHALL DEVELOP A SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN (SPCC) IF REFUELING OR MAINTENANCE WILL BE PERFORMED WITHIN THIS LOCATION. IF ANY REFUELING OR MAINTENANCE WILL BE PERFORMED OUTSIDE OF THE PROJECT LIMITS, THE AREA SHALL BE ASSESSED FOR POTENTIAL GROUNDWATER CONTAMINATION AND BE INDICATED ON THE SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN. THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS. ANY SUCH SPILL OR EVENT SHALL BE REPORTED IMMEDIATELY TO THE EMERGENCY CONTACT LISTED BELOW FOR EACH DRINKING WATER SOURCE. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT OTTAWA COUNTY EMERGENCY MANAGEMENT (419 734-6900) AND OHIO EPA ENVIRONMENTAL RESPONSE AND REVITALIZATION (419-373-3031 OR 800-282-9378) FOR CLEANUP OF THE SPILL.

5. THE CONTRACTOR SHALL ONLY RESTRICT PUBLIC ACCESS TO THE NORTH COAST INLAND TRAIL FOR THE TIME NEEDED TO COMPLETE CONSTRUCTION ACTIVITIES THAT INVOLVE PAVING THE EXISTING GRAVEL SECTION WHICH COULD COMPROMISE PUBLIC SAFETY. ACCESS TO NORTH COAST INLAND TRAIL SHALL REMAIN OPEN TO THE PUBLIC AT ALL OTHER TIMES THROUGHOUT CONSTRUCTION. A DETOUR SHALL BE PROVIDED FOR PEDESTRIAN AND BICYCLE TRAFFIC.

6. THE CONTRACTOR SHALL MAINTAIN SAFE PUBLIC ACCESS TO VETERANS MEMORIAL PARK AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.

7. TO PROTECT NORTH COAST INLAND TRAIL, VETERANS MEMORIAL PARK, AND THE PUBLIC, THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING (PAID WITH ITEM 832 ALLOWANCE) ALONG THE KNOWN BOUNDARIES OF NORTH COAST INLAND TRAIL AND VETERANS MEMORIAL PARK WITHIN THE PROJECT CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

8. PRIOR TO THE START OF CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL INSTALL SIGNAGE APPROVED BY THE ENGINEER TO ALERT NORTH COAST INLAND TRAIL AND VETERANS MEMORIAL PARK USERS OF CONSTRUCTION ACTIVITIES AND ACCESS RESTRICTIONS OR CLOSURE, AND TO DIRECT USERS TO OTHER ACCESS POINTS OR DETOUR.

9. THE CONTRACTOR SHALL NOT STORE OR STAGE CONSTRUCTION EQUIPMENT OR MATERIALS WITHIN THE NORTH COAST INLAND TRAIL OR VETERANS MEMORIAL PARK BOUNDARIES, OUTSIDE OF PROPOSED CONSTRUCTION LIMITS, EXCEPT FOR AREA(S) APPROVED BY THE OFFICIAL WITH JURISDICTION SPECIFICALLY FOR STORAGE OR STAGING OF EQUIPMENT PER CMS 107.0.

10. THE CONTRACTOR SHALL PROVIDE THE CONSTRUCTION SCHEDULE TO OTTAWA COUNTY RHONDA SLAUTERBECK AT 419-7340-6720; VILLAGE OF ELMORE DAVE HOWER AT 419-707-3485; AND VILLAGE OF GENOA KEVIN GLADDEN AT 419-855-07791, 30 DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

11. THE CONTRACTOR SHALL NOT PERFORM ANY WORK WITHIN THE JURISDICTIONAL BOUNDARIES OF ANY WATERWAY, INCLUDING WETLANDS, UNTIL ODOT OBTAINS THE NECESSARY WATERWAY PERMIT(S). THIS INCLUDES THE PLACEMENT OF ANY TEMPORARY OR PERMANENT FILLS.

12. ODOT WILL OBTAIN ALL APPROPRIATE WATERWAY PERMITS PRIOR TO ANY WORK WITHIN THE JURISDICTIONAL BOUNDARY OF ANY WATERWAY, INCLUDING WETLANDS AND ALL SPECIAL PROVISIONS FOR WATERWAY PERMITS THAT ARE OBTAINED WILL BE INCLUDED IN THE PLANS AND ADHERED TO DURING CONSTRUCTION.

13. THE CONTRACTOR SHALL ADHERE TO THE OAC 3745-27-13 AUTHORIZATION FOR THE RM-006 KIMBERLY SKIRBA & TODD SKIRBA PROPERTIES, FORMER HOMER HOUSTON LANDFILL THROUGHOUT CONSTRUCTION.

HAUL ROADS

APPROVED HAUL ROADS FOR THE PROJECT ARE AS FOLLOWS:
MARTIN-WILLISTON ROAD (TR-7)
CAMPER ROAD (TR-4)
OPFER-LENTZ ROAD (TR-214)
WITTY ROAD (TR-50)

EXISTING LOAD POSTINGS ON THESE ROADS DO NOT APPLY TO WORK ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR MAY HAUL TYPICAL LOADS OF 35 TONS FOR INGRESS/EGRESS TO THE BIKE PATH ON THE LISTED ROADS. THE CONTRACTOR SHALL ROUTE HAUL TRUCKS AND EQUIPMENT DELIVERIES IN AN EFFICIENT MANNER TO LIMIT THE HAUL LENGTH AND DURATION OF HAULING ACTIVITIES ON THESE ROADS. C&MS SECTION 105.13 IS APPLICABLE FOR WORK ASSOCIATED WITH THIS PROJECT.

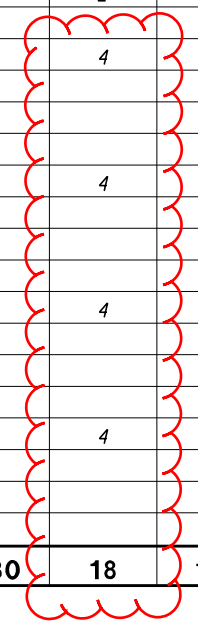
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PAVEMENT MARKINGS

SHEET	ROAD	REFERENCE	STA.		644						
			FROM	TO/AT	STOP LINE	CROSSWALK LINE	WORD ON PAVEMENT, 48"	WORD ON PAVEMENT, 96"	BIKE CROSSING SYMBOL	SHARED LANE MARKING	
					FT	FT	EA	EA	EA'	EA	
71	PARK	SL1		99+15	5						
73	SR 51	CW1	132+09	133+17		216					
		CW2	134+56	135+37		162					
		CW3	137+12	137+69		114					
		CW4	139+65	140+34		138					
73	SR 51	SL1	132+75	133+17	42						
73	SR 51	SL2	137+46	137+60	14						
73	SR 51	SL3	140+00	140+18	18						
73	SR 51	SL4		148+41	6						
73	MAR-WILL	ASW1		68+00						2	
74	MAR-WILL	ASW1		53+00						2	
74	SR 163	ASW2-3					2	2			
74	MAR-WILL	ASW4-11	61+50	43+00						16	
75	MAR-WILL	ASW1-8	40+50	40+50						16	
75	RR	SL1		75+38	5						
75	RR	ASW9		76+96				2			
76	RR	ASW1-2	91+90	93+66			4				
76	RR	SL1-2	95+48	93+08	10						
76	CAMPER	ASW3-4						2	2		
78	RR	ASW1-2	147+19	148+81			4				
78	RR	SL1-2	147+78	148+22	10						
78	OPFER	ASW3-4						2	2		
79	RR	ASW1-2	169+23	171+01			4				
79	RR	SL1-2	169+82	170+42	10						
79	WITTY	ASW3-4						2	2		
80	RR	ASW1-2	219+58	221+36			4				
80	RR	SL1-2	220+18	220+78	10						
80	SR 105	ASW3-4						2	2		
TOTALS TO GENERAL SUMMARY:					130	630	18	10	10	36	



REVISED 3/23/2020

CALCULATED
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TRAFFIC MARKING SUBSUMMARY

OTT NCIT EXTEND
GENOA TO ELMORE