

DRAINAGE DISCHARGE CONTINUANCE (CONT.)

FURNISH AN EROSION CONTROL PAD AS SHOWN IN STANDARD CONSTRUCTION DRAWING DM-1.1 WHEN OUTLETTING A CONDUIT TO A DITCH. THE COST FOR THE EROSION CONTROL PAD IS INCLUDED IN ITEM 611 - CONDUIT, MISC. TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE.

FURNISH A DRILLED HOLE OR A CURB SECTION WHEN OUTLETTING A CONDUIT THROUGH A CURB OPENING. THE COST OF DRILLING OR FURNISHING THE CURB SECTION WITH HOLE IS INCLUDED IN ITEM 611 - CONDUIT, MISC. TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE.

FURNISH A DRILLED CORE HOLE WHEN OUTLETTING INTO A STORM SEWER OR DRAINAGE STRUCTURE. THE COST OF THE DRILLED CORE HOLE IS INCLUDED IN ITEM 611 - CONDUIT, MISC. TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE.

DOCUMENTATION: PROVIDE WRITTEN DOCUMENTATION TO THE ENGINEER AND TO THE VILLAGE OF WEST MILTON. THE DOCUMENTATION INCLUDES THE CONSTRUCTION PROJECT NUMBER, PID, COUNTY, ROUTE, SECTION, LATITUDE AND LONGITUDE OF THE DRAINAGE DISCHARGE AT THE R/W, THE NAME OF PROPERTY OWNER WITH ADDRESS, THE DATE THE DRAINAGE DISCHARGE WAS LOCATED, THE DATE THE DRAINAGE CONTINUANCE WAS FURNISHED, A DETAILED DESCRIPTION OF THE WORK AND PICTURES OF THE DRAINAGE DISCHARGE CONTINUANCE (IN PDF OR JPEG FORMAT). THE DOCUMENTATION IS INCLUDED IN ITEM 611 - CONDUIT, MISC. TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE OR ITEM 203 - EMBANKMENT.

DRAINAGE DISCHARGE CONTINUANCE REMOVAL: THE ENGINEER MAY REQUIRE THE NEWLY INSTALLED DRAINAGE DISCHARGE CONTINUANCE TO BE REMOVED.

REMOVE THE NEWLY INSTALLED CONDUIT AND ANY EXISTING CONDUIT TO THE RIGHT OF WAY LINE. FOR CONDUIT THAT OUTLETS THROUGH THE CURB, RESTORE THE CURB BY FILLING THE HOLE WITH CLASS QC1 CONCRETE OR REPLACE THE CURB SECTION. FOR CONDUIT THAT OUTLETS TO A STORM SEWER OR DRAINAGE STRUCTURE LEAVE 6 INCHES PROTRUDING OUTSIDE OF THE CONDUIT. PLUG THE PROTRUDING CONDUIT WITH EITHER A MANUFACTURED CAP OR CLASS QC1 CONCRETE. FOR CONDUIT THAT OUTLETS TO THE DITCH REMOVE THE EROSION CONTROL PAD. RESTORE ALL AREAS AS REQUIRED. PLUG THE EXISTING CONDUIT REGARDLESS OF SIZE AT THE RIGHT OF WAY LINE WITH CLASS QC1 CONCRETE AND RESTORE ALL AREAS AS REQUIRED. ALL COSTS ARE INCLUDED IN ITEM 202 - REMOVAL, MISC.: CONDUIT.

DAM THE SWALE THAT OUTLETS TO THE DITCH AT THE R/W AS DIRECTED BY THE ENGINEER. ALL COSTS ARE INCLUDED IN ITEM 203 - EMBANKMENT. REMOVE THE INSPECTION WELL AND RESTORE ALL AREAS AS REQUIRED. THE COST IS INCLUDED IN ITEM 202 - REMOVAL, MISC: INSPECTION WELL.

CONDUIT MATERIALS: THE FOLLOWING CONDUIT MATERIAL TYPES ARE PERMITTED: 707.33, 707.41 NON-PERFORATED, 707.42, 707.43, 707.45, 707.46, 707.47, 707.51, AND 707.52 SDR35.

PAY ITEMS: EACH OF THE PAY ITEMS LISTED BELOW FOR CONDUIT MISCELLANEOUS TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE INCLUDE CONDUIT SIZES 2 INCH TO 10 INCH. THERE IS NO COST DIFFERENTIATION FOR SIZE IN THESE PAY ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER IN MAKING THE ABOVE DRAINAGE DISCHARGE CONTINUANCE:

ITEM 611 - INSPECTION WELL	1 EACH
ITEM 611 - CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE	20 FT
ITEM 202 - REMOVAL MISC.: CONDUIT	70 FT
ITEM 202 - REMOVAL MISC.: INSPECTION WELL	1 EACH
ITEM 203 - EMBANKMENT	50 CY

ITEM 203 EXCAVATION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 203 - ROADWAY EXCAVATION AND EMBANKMENT, EXCEPT AS HEREIN MODIFIED.

THE CONTRACTOR SHALL EXCAVATE AN ADDITIONAL 142 CY OF FILL MATERIAL FROM STA. 343+50 TO STA. 354+00 AS DESIGNATED IN THE PLANS TO ASSURE THAT THE PROPOSED PROJECT WILL NOT REDUCE THE STORAGE CAPACITY OF THE ENGLEWOOD STORAGE BASIN. ALL FILL MATERIAL SHALL BE REMOVED AND RELOCATED OUTSIDE OF THE ENGLEWOOD STORAGE BASIN TO THE FOLLOWING DESIGNATED PROPERTY OWNED BY THE VILLAGE.

PARCEL: L39-250012
NAME: WEST MILTON WATER TREATMENT PLANT
ADDRESS: ST RT 48, WEST MILTON, OH 45383
OWNER: VILLAGE OF WEST MILTON

PAYMENT FOR ITEM 203 EXCAVATION, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT CUBIC YARD BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING. SEE PLAN SHEET NO. 3-10 FOR ADDITIONAL INFORMATION.

ITEM 204 - PROOF ROLLING	5 HOURS
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ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

FOR LOCATIONS OF FULL DEPTH RECONSTRUCTION, CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.

FOR LOCATIONS IN THE PLANS WHERE 100% UNSTABLE SOILS HAVE BEEN DETERMINED, EXCAVATE AND REPLACE UNSTABLE SUBGRADE AND REPLACE WITH GRANULAR EMBANKMENT AS SHOWN BEFORE COMPACTION AND PROOF ROLLING. FOR LOCATIONS IN THE PLANS WHERE SOILS MAY BE ADEQUATE, SUBGRADE COMPACT AND PROOF ROLL THE AREAS TO DETERMINE UNDERCUTTING REQUIREMENTS. THE PROJECT ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

ONCE SUBGRADE COMPACTION, PROOF ROLLING, EXCAVATION AND GRANULAR EMBANKMENT HAS BEEN COMPLETED, THE CONTRACTOR SHALL COMPACT THE SUBGRADE ACCORDING TO C&MS 204.06 AND PROOF ROLL FOR FINAL STABILITY APPROVAL.

FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING UNSTABLE SUBGRADE IS PAID UNDER ITEM 204 - EXCAVATION OF SUBGRADE. ITEM 204 - GRANULAR MATERIAL, TYPE C SHALL BE USED AS THE REPLACEMENT MATERIAL FOR THE UNDERCUTTING. IN LOCATIONS WHERE SPECIFIC DEPTHS ARE NOT BEING COMPLETED AT 100% OF THE AREA, IT HAS BEEN ASSUMED FOR ESTIMATING PURPOSES THAT 25% OF THE FULL DEPTH PAVEMENT REPAIR AREAS AT 12" DEPTHS SHALL BE USED. THE CONTRACTOR SHALL COMPLETE, PERFORM AND BE COMPENSATED FOR THE FINAL AMOUNT OF ITEM 204 (EXCAVATION AND GRANULAR MATERIAL).

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE IN MAKING THE ABOVE SUBGRADE ALTERATIONS AS DIRECTED BY THE ENGINEER :

ITEM 204 - EXCAVATION OF SUBGRADE	200 CY
ITEM 204 - GRANULAR MATERIAL, TYPE C	200 CY

ITEM 503 - ROCK EXCAVATION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE EXCAVATION OF BEDROCK, CONCRETE FOUNDATIONS, ETC. ANY MATERIAL EXCAVATABLE WITH CONVENTIONAL EQUIPMENT SHALL BE CONSIDERED INCIDENTAL TO RELATED ITEMS.

ANY MATERIAL UNEXCAVATABLE WITH CONVENTIONAL EQUIPMENT SHALL BE REMOVED BY JACKHAMMERS, ROCK RIPPERS, ETC. NO BLASTING ALLOWED. THIS MATERIAL SHALL BE APPROVED, VERIFIED, AND MEASURED BY VILLAGE PERSONNEL AND PAID FOR UNDER THIS ITEM. NO PAYMENT FOR OVER-EXCAVATION WILL BE ALLOWED. REFER TO TRENCH DETAIL.

IT IS ANTICIPATED THAT ROCK WILL BE ENCOUNTERED FOR LIGHT POLE FOUNDATIONS, LIGHTING CONDUIT, SUBGRADE PREPARATION, OR GENERAL GRADING. THE CONTRACTOR SHALL FOLLOW ODOT CMS 625.10 AND 204.05 WHEN ROCK IS ENCOUNTERED. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE IN ENCOUNTERING ROCK AS DIRECTED BY THE ENGINEER. THIS ITEM COULD BE NON-PERFORMED IF DEEMED UNNECESSARY OR EXCEEDS THE ESTIMATED QUANTITY.

ITEM 503 - ROCK EXCAVATION, AS PER PLAN	225 CY
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PAYMENT FOR ITEM 503 ROCK EXCAVATION, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE, SHALL BE AT THE CONTRACT CUBIC YARD BID PRICE AND SHALL INCLUDE ALL MATERIAL, LABOR, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), AS PER PLAN, 55 MPH, 20"

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN THE OHIO DEPARTMENT OF TRANSPORTATION ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), EXPECT HEREIN MODIFIED:

THE CONTRACTOR SHALL FURNISH AND INSTALL ANY OF THE TYPE 2 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE (REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS).

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), AS PER PLAN, 55 MPH, 20" (CONT.)

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), AS PER PLAN, 55 MPH, 20", EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS/BACKSTOPS, TRANSITIONS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

ITEM 607 - FENCE, MISC.: 42" WOOD FENCE

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN THE OHIO DEPARTMENT OF TRANSPORTATION ITEM 607 - FENCE, EXCEPT HEREIN MODIFIED:

CONTRACTOR SHALL FOLLOW ALL MATERIALS, DIMENSIONS, SPECIFICATIONS, AND REQUIREMENTS OF ODOT STANDARD DRAWING RM-5.2 - BIKEWAY RAILING, CURRENT DRAWING.

PAYMENT FOR ITEM 607 - FENCE, MISC.: WOOD FENCE, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 607 - FENCE MISC. PERIMETER GEOTEXTILE FABRIC

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 607 FENCE MISC. PERIMETER GEOTEXTILE FABRIC FENCE, EXCEPT AS HEREIN MODIFIED.

WHERE THE CONSTRUCTION LIMITS ARE WITHIN TWO FEET OF THE RIGHT-OF-WAY LINE, THE CONTRACTOR IS TO INSTALL PERIMETER GEOTEXTILE FABRIC FENCE PER STANDARD DRAWING DM - 4.4 EXCLUDING THE TRENCH, AS A FENCE BARRIER AND SEDIMENT CONTROL TO ENSURE NO ENCROACHMENT INTO PRIVATE PROPERTY. THE GEOTEXTILE FABRIC FENCE SHALL BE INSTALLED ONE FOOT WITHIN THE RIGHT-OF-WAY LINE.

PAYMENT FOR ITEM 607 FENCE MISC. PERIMETER GEOTEXTILE FABRIC, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT NEEDED TO COMPLETE THIS ITEM OF WORK.

ITEM SPECIAL - MAILBOX REMOVED AND RESET MAILBOX AND SUPPORT SYSTEM, SINGLE

THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX, SUPPORT, AND HARDWARE. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION. THE CONTRACTOR WILL BE REQUIRED TO RESET THE EXISTING BOX AND SUPPORT USING THE EXISTING HARDWARE TO A CONDITION EQUAL TO THE CONDITION OF THE BOX AND SUPPORT PRIOR TO THE START OF CONSTRUCTION.

ANY BOX, SUPPORT, OR HARDWARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH EQUAL OR BETTER MATERIALS AS DETERMINED BY THE OWNER, AT THE CONTRACTOR'S EXPENSE.

ALL BOXES WILL BE REPLACED IN NEW LOCATIONS AS SHOWN ON THE PLANS. TEMPORARY MAILBOXES ARE TO BE INSTALLED CONSISTENT WITH THE CONSTRUCTION SEQUENCING AND DETOUR PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL POST MASTER THE LOCATIONS OF TEMPORARY MAILBOXES DURING COMPLETE ROADWAY CLOSURES.

PROTECTION OF WATER RESOURCES

THE CONTRACTOR SHALL NOT DISCHARGE TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND TO A SCENIC RIVER, ITS TRIBUTARIES, OR DRAINAGE WAYS. IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THE FLOODPLAIN OR NEAR ANY TRIBUTARY DRAINAGE WAYS, DITCHES, OR STREAM, THE CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVENT OF A SPILL.

IN ACCORDANCE WITH ORC 3750.06, SPILLS MUST BE REPORTED TO THE LOCAL FIRE DEPARTMENT (911); THE LOCAL EMERGENCY COORDINATOR (937-339-6400) AND THE OEPA OHIO SPILL LINE (1-800-282-9378).

ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, AND TRASH SHOULD BE DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE FEMA 100-YEAR FLOOD ELEVATIONS. DISPOSAL OF ANY SUCH MATERIALS WITHIN 1000 FEET OF A SCENIC RIVER IS PROHIBITED.

THE CONTRACTOR SHALL KEEP ALL IDLE EQUIPMENT, FUELS, LUBRICANTS, AND ANY STORAGE FOR/OF POTENTIALLY TOXIC OR HAZARDOUS MATERIALS OUT OF THE FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA AND NOT WITHIN 1000 FEET OF A SCENIC RIVER.

PROTECTION OF BATS - BRIDGE INSPECTION

THE CONTRACTOR MUST VISUALLY INSPECT WORK AREAS ON THE STRUCTURE FOR EVIDENCE OF ROOSTING BATS 60 DAYS PRIOR TO CONSTRUCTION. THE PERSON(S) CONDUCTING THE INSPECTION MUST BE CAPABLE OF IDENTIFYING BATS. 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 WAS FOUND.

IF NO EVIDENCE OF ROOSTING BATS WERE ENCOUNTERED, CONSTRUCTION ACTIVITIES CAN PROCEED ANY TIME OF THE YEAR.

IF ROOSTING BATS ARE ENCOUNTERED WITHIN THE PROPOSED WORK AREA, CONTACT THE ENGINEER AND ODOT DISTRICT ENVIRONMENTAL COORDINATOR (TRICIA BISHOP AT TRICIA.BISHOP@DOT.OHIO.GOV) IMMEDIATELY. CONSTRUCTION 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.

NO INSTREAM WORK PERMITTED

THE STILLWATER RIVER IN THE VICINITY OF THE BRIDGE IS KNOWN TO HARBOR FEDERALLY-PROTECTED FRESHWATER MUSSEL SPECIES. ANY HARM, HARASSMENT OR DESTRUCTION OF FEDERALLY-PROTECTED SPECIES IS A VIOLATION OF THE FEDERAL ENDANGERED SPECIES ACT OF 1973, AS AMENDED. ANY PERSON WHO KNOWINGLY VIOLATES ANY PROVISION OF THE ENDANGERED SPECIES ACT MAY BE ASSESSED CRIMINAL AND CIVIL PENALTIES UP TO \$25,000.00 PER DAY OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS, OR BOTH, FOR EACH VIOLATION.

THE CONTRACTOR SHALL NOT PLACE ANY TEMPORARY OR PERMANENT FILL BELOW THE ORDINARY HIGH WATER MARK (ELEVATION 825.00). NO COFFERDAMS, WEIRS, CAUSEWAYS, SCAFFOLDING, BRACING, OTHER EQUIPMENT, DEMOLITION DEBRIS OR OTHER MATERIALS ARE PERMITTED IN THE CHANNEL. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ADEQUATELY DEMARCATE THE ORDINARY HIGH WATER MARK AND SHALL ENSURE ON-SITE PERSONNEL ARE AWARE OF THE RESTRICTION AGAINST INSTREAM WORK.

DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO COLLECT & CONTAIN DEBRIS AND OTHER MATERIALS, IN ORDER TO PREVENT SUCH MATERIALS FROM ENTERING THE CHANNEL. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL OFF-SITE.

IF AT ANY TIME ANY MATERIALS ARE FOUND TO BE ENTERING THE CHANNEL, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN PROXIMITY TO THE CHANNEL. THE CONTRACTOR SHALL NOTIFY THE ODOT CONSTRUCTION ENGINEER AND DISTRICT ENVIRONMENTAL COORDINATOR (TRICIA.BISHOP@DOT.OHIO.GOV), TO DETERMINE IF ADDITIONAL AGENCY CONSULTATION IS REQUIRED. THE CONTRACTOR SHALL NOT RESUME CONSTRUCTION UNTIL ANY NECESSARY AGENCY CONSULTATION HAS CONCLUDED AND THE CONTRACTOR CAN VERIFY TO THE ODOT CONSTRUCTION ENGINEER THAT CORRECTIVE MEASURES HAVE BEEN IMPLEMENTED TO PREVENT FURTHER RELEASES OF MATERIAL TO THE CHANNEL.

PROTECTION OF BATS - CUTTING RESTRICTIONS

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. THE CONTRACTOR SHALL DEMARCATE CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. 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.

PROTECTION OF WEST MILTON MUNICIPAL PARK AND CANOE ACCESS POINT

THE CONTRACTOR SHALL NOT RESTRICT ACCESS TO WEST MILTON MUNICIPAL PARK OR THE CANOE ACCESS POINT LOCATED SOUTHWEST OF THE PROJECT BRIDGE.

ENGLEWOOD DAM FLOOD STORAGE BASIN EXCESS FILL

THE DE-MINIMIS FILL VOLUME WITHIN THE ENGLEWOOD DAM FLOOD STORAGE BASIN IS 100 CY. NO ADDITIONAL MATERIAL MAY BE PLACED WITHIN THE SITE THAT WOULD RESULT IN A REDUCTION OF FLOOD STORAGE CAPACITY BEYOND 100 CY. ANY EXCESS FILL BEYOND 100 CY GENERATED WITHIN THE FLOOD STORAGE BASIN SHALL BE REMOVED FROM THE SITE. THE VILLAGE MAY BE REQUIRED TO COMPLETE A POST CONSTRUCTION SURVEY TO VERIFY FINAL EARTHWORK VOLUMES. ALL PROPOSED EARTHWORK ACTIVITIES SHALL COMPLY WITH MIAMI CONSERVANCY DISTRICT FLOODPLAIN MANAGEMENT REQUIREMENTS.

DESIGN AGENCY



CHOICE ONE ENGINEERING

DESIGNER

DWL

REVIEWER

AJH 07-25-25

PROJECT ID

119378


SHEET TOTAL

P:6 83

SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE
7	16	17	20	21	32								01/S>2		EXT	TOTAL			SHEET NO.
																		TRAFFIC CONTROL	
			58										58	620	60000	58	EACH	DELINEATOR, POST SURFACE MOUNTED	
				89.5									89.5	630	03100	89.5	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				34.5									34.5	630	08520	34.5	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
				32.5									32.5	630	80100	32.5	SF	SIGN, FLAT SHEET	
				6									6	630	80500	6	EACH	SIGN, DOUBLE FACED, STREET NAME	
				18									18	630	84900	18	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				14									14	630	86002	14	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
			2,910										2,910	645	30000	2,910	FT	REMOVAL OF PAVEMENT MARKINGS	
			0.92										0.94	646	10000	0.92	MILE	EDGE LINE, 4"	
			0.03										0.04	646	10100	0.03	MILE	LANE LINE, 4"	
			0.6										0.6	646	10200	0.6	MILE	CENTER LINE	
			150										150	646	10300	150	FT	CHANNEUZING LINE, 8"	
			348										348	646	10510	348	FT	CROSSWALK LINE, 12"	
													55	646	10520	55	FT	CROSSWALK LINE, 24"	
			1,200										1,200	646	10600	1,200	FT	TRANSVERSE/DIAGONAL LINE	
			2										2	646	20300	2	EACH	LANE ARROW	
																		MISCELLANEOUS STRUCTURE	
					LS								LS	202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	32
					2,025								2,025	509	10000	2,025	LB	EPOXY COATED STEEL REINFORCEMENT	
					186								186	510	10001	186	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN	32
					85								85	511	34448	85	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)	
	542												542	512	10001	542	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN, (PERMANENT GRAFFITI PROTECTION)	32
					428								428	517	76300	428	FT	RAILING, MISC.: MODIFIED BR-2-15 RAILING	32
					8								8	518	12801	8	EACH	SCUPPER, MODIFICATION, AS PER PLAN	37
		2											2	606	60023	2	EACH	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), AS PER PLAN, 55 MPH , 20"	6
		718											718	607	98000	718	FT	FENCE, MISC.: 42" WOOD FENCE	6
		139											139	607	98000	139	FT	FENCE, MISC.: PERIMETER GEOTEXTILE FENCE	6
	543												543	622	10160	543	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	
		2											2	622	25000	2	EACH	CONCRETE BARRIER END SECTION, TYPE D	
		8											8	622	25050	8	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	
																		MAINTENANCE OF TRAFFIC	
0.06													0.06	614	20560	0.06	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	7
0.25													0.25	614	21550	0.25	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	7
0.33													0.33	614	22360	0.33	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	7
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	7
													12	619	16010	12	MNTH	FIELD OFFICE, TYPE B	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



CHOICE ONE ENGINEERING

DESIGNER

DWL

REVIEWER

AJH 07-25-25

PROJECT ID

119378

SHEET

P.15

TOTAL

83


DESIGN AGENCY

 CHOICE ONE ENGINEERING
 DESIGNER
 DWL
 REVIEWER
 AJH 07-25-25
 PROJECT ID
 119378
 SHEET TOTAL
 P.16 83

REF NO.	SHEET NO.	STATION TO STATION			SIDE	MEASURED LENGTH (FT)	202	202	202	511	601	606	607	607	611	611	611	611	611	611	622	622	690		
							PIPE REMOVED, 24" DIAMETER AND UNDER	GUARDRAIL REMOVED	CATCH BASIN REMOVED	CLASS QC1 CONCRETE, HEADWALL	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), AS PER PLAN, 55 MPH, 20"	FENCE, MISC.: 42" WOOD FENCE	FENCE, MISC.: PERIMETER GEOTEXTILE FENCE	12" CONDUIT, TYPE B	18" CONDUIT, TYPE C, REINFORCED CONCRETE PIPE, CLASS III	CATCH BASIN, MISC.: TYPE 1 CB, AS PER PLAN	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D	MANHOLE ADJUSTED TO GRADE	MANHOLE RECONSTRUCTED TO GRADE	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - MAILBOX REMOVED AND RESET MAILBOX AND SUPPORT SYSTEM, SINGLE		
							FT	FT	EACH	CY	CY	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH		
D1	23	339+91.09	TO	339+95.89	RT	5	5		1					5		1									
D2	23	340+88.01, 28.74'			RT													1							
D3	24	343+34.64	TO	343+45.42	RT												1								
D4	24	344+29.00, 15.00'			RT	27								27			1				2				
D5	24	344+29.00, 42.00'			RT				0.20	1.11											2				
D6	24	344+55.02, 30.41'			RT												1				2				
D7	25	346+34.00, 15.00'			RT	27								27			1				2				
D8	25	346+34.00, 42.00'			RT				0.20	1.11											2				
D9	25	348+38.00, 15.00'			RT	27								27			1				2				
D10	25	348+38.00, 42.00'			RT				0.20	1.11															
D11	25	348+45.22, 30.18'			RT													1							
D12	27	357+22.52, 38.08'			RT												1								
D13	29	368+73.24	TO	370+60.00	RT	180	152		0.31	2.78					180										
F1	23	338+90.00	TO	340+21.04	RT	139							139												
F2	24-25	343+13.40	TO	348+74.03	RT	566		550				566													
F3	26	353+01.98	TO	354+50.78	RT	152		162				152													
IA1	24	343+23.72	TO	343+52.64	RT	29					1									1					
IA2	26	354+27.40	TO	354+56.34	RT	29					1									1					
EA1	25	348+51.90, 15.84'			RT																1				
EA2	26	353+24.42, 15.84'			RT																1				
RM1	26	354+57.30, 35.11'			RT																	1			
RM2	26	354+59.96, 35.28'			RT																	1			
											</														

SUBSUMMARY - ROADWAY, EROSION CONTROL, DRAINAGE, PAVEMENT

DESIGN AGENCY



CHOICE ONE ENGINEERING

DESIGNER

DWL

REVIEWER

AJH 07-25-25

PROJECT ID

119378

SHEET

P.17

TOTAL

83