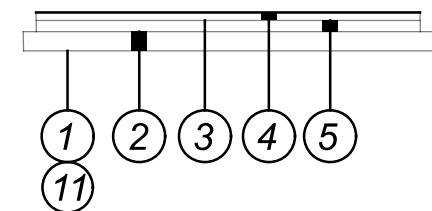


TYPICAL SECTION LEGEND

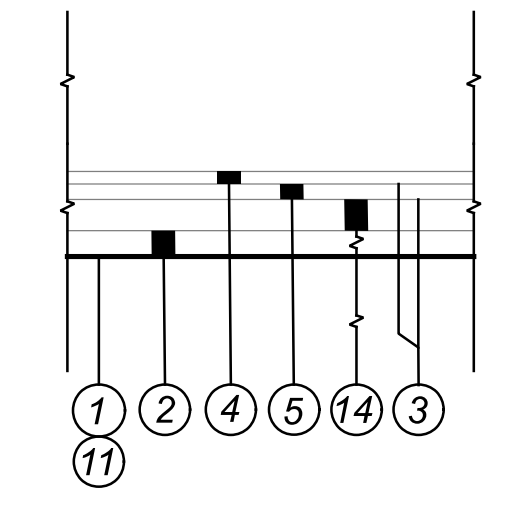
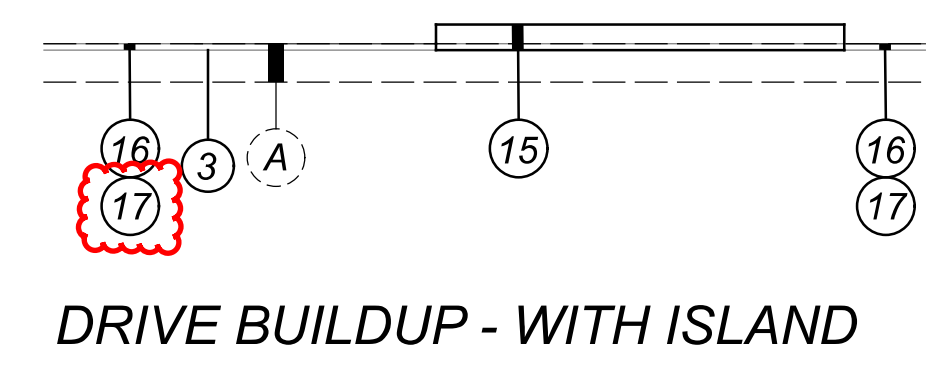
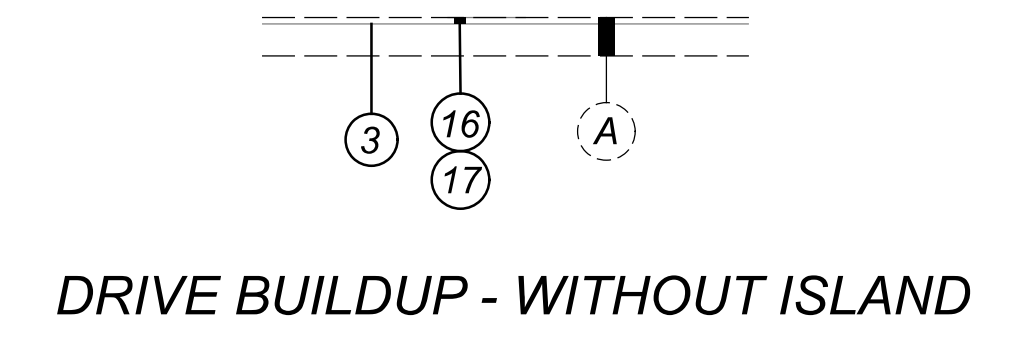
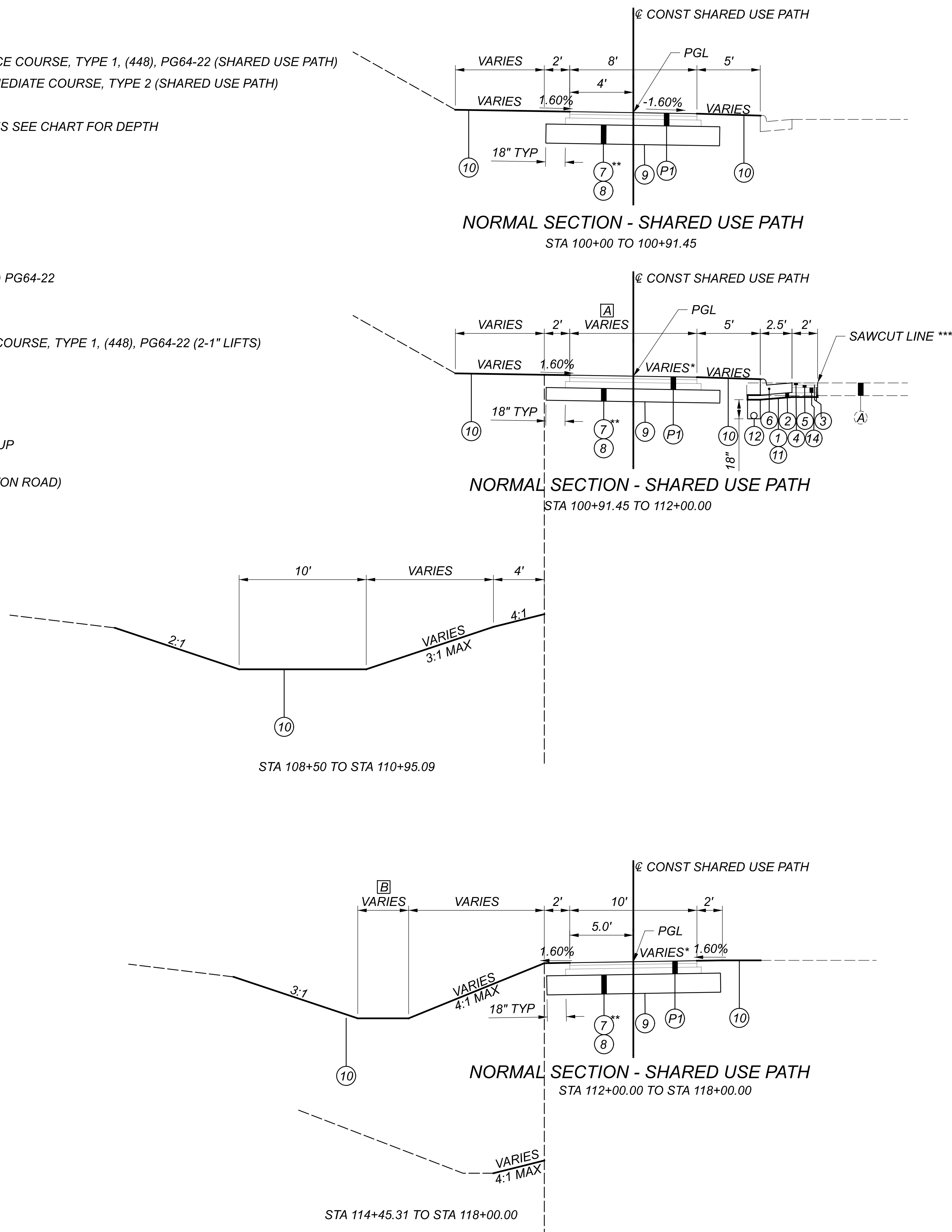
- ① ITEM 204 - SUBGRADE COMPACTION
- ② ITEM 304 - 6" AGGREGATE BASE
- ③ ITEM 407 - NON-TRACKING TACK COAT
- ④ ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (SHARED USE PATH)
- ⑤ ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (SHARED USE PATH)
- ⑥ ITEM 609 - CURB AND GUTTER, TYPE 2
- ⑦ ITEM 204 - EXCAVATION OF SUBGRADE, VARIES SEE CHART FOR DEPTH
- ⑧ ITEM 204 - GRANULAR MATERIAL, TYPE C **
- ⑨ ITEM 204 - GEOTEXTILE FABRIC
- ⑩ ITEM 659 - SEEDING AND MULCHING
- ⑪ ITEM 204 - PROOF ROLLING
- ⑫ ITEM 605 - 4" BASE UNDERDRAIN
- ⑬ ITEM 517 - RAILING, TIMBER
- ⑭ ITEM 301 - 6" ASPHALT CONCRETE BASE, (449) PG64-22
- ⑮ ITEM 609 - 6" CONCRETE MEDIAN
- ⑯ ITEM 254 - 2" PAVEMENT PLANING
- ⑰ ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (2-1" LIFTS)



(P1) SHARED-USE PATH PAVEMENT BUILDUP

(A) EX PAVEMENT +/- 12" CR 19 (CINCINNATI-DAYTON ROAD)

- A** 8'
STA 100+91.45 TO STA 106+29.11
- 8' TO 10'
STA 106+29.11 TO STA 106+79.28
- 10'
STA 106+79.28 TO STA 112+00.00
- B** 5'
STA 112+00.00 TO STA 113+27.78
- 5' TO 2'
STA 113+27.78 TO STA 113+81.26
- 2'
STA 113+81.26 TO STA 114+45.31



STATION		LT 5' CROSS SLOPE	RT 5' CROSS SLOPE
108+25.00	TO 108+75.00	1.6% TO -1.6%	-1.6% TO 1.6%
117+75.00	TO 118+25.00	-1.6% TO 1.6%	1.6% TO -1.6%

START STATION	END STATION	EXCAVATE & REPLACE W/ ITEM 204
BEGIN WORK	109+13	12"
109+13	113+15	36"
113+15	119+96	24"
127+29	END WORK	36"

*SEE SHARED USE PATH PAVEMENT TRANSITION TABLE
 **SEE SUMMARY OF STABILIZATION TABLE FOR DEPTH OF REPLACEMENT
 *** SAWCUT TO BE MADE WITH DIAMOND BLADED SAW TO WIDTH SHOWN OR TO SOUND PAVEMENT

DESIGN AGENCY
EMHT
 ENGINEERS, ARCHITECTS, SURVEYORS & PLANNERS
 113725 GY000_1
 DESIGNER: JPT
 REVIEWER: HRB 11/21/22
 PROJECT ID: 113725
 SHEET: P.4 TOTAL: 105

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).

IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.

- COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.
- APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.

- EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.
- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS 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.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK

ITEM 203 - EXCAVATION	238 CY
ITEM 203 - EMBANKMENT	238 CY

DRAINAGE DISCHARGE CONTINUANCE

FURNISH A DRAINAGE DISCHARGE CONTINUANCE FOR ANY DRAINAGE DISCHARGE DISTURBED BY THE WORK AND NOT SHOWN IN THE PLANS. THE LOCATION, TYPE (CONDUIT OR SWALE), SIZE AND GRADE OF THE DRAINAGE DISCHARGE CONTINUANCE WILL BE AGREED TO BY THE ENGINEER

DRAINAGE DISCHARGE CONTINUANCE (CONTINUED)

FURNISH AN INSPECTION WELL AT THE RIGHT OF WAY LINE IN ACCORDANCE WITH SCD DM-3.1 FOR EACH DRAINAGE DISCHARGE THAT OUTLETS THROUGH A CURB OPENING, OR INTO A STORM SEWER OR DRAINAGE STRUCTURE. THE COST IS INCLUDED IN ITEM 611, INSPECTION WELL.

FURNISH A WELL GRADED TRANSITION BETWEEN THE DITCH AND THE SWALE WHEN OUTLETTING A SWALE TO A DITCH. THE COST FOR THE GRADED TRANSITION IS INCLUDED IN ITEM 203, EMBANKMENT AS PER PLAN.

FURNISH AN EROSION CONTROL PAD AS SHOWN IN SCD 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 _ FOR DRAINAGE DISCHARGE CONTINUANCE.

FURNISH A DRILLED HOLE OR A CURB SECTION WITH A HOLE 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 _ 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 _ FOR DRAINAGE DISCHARGE CONTINUANCE.

DOCUMENTATION

THE CONTRACTOR SHALL FURNISH WRITTEN DOCUMENTATION TO THE ENGINEER AND TO THE DISTRICT R/W PERMIT OFFICE. 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 DISCHARGE 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 _ FOR DRAINAGE DISCHARGE CONTINUANCE OR ITEM 203, EMBANKMENT AS PER PLAN.

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 QC 1 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 QC 1 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 QC 1 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 AS PER PLAN.

REMOVE THE INSPECTION WELL AND RESTORE ALL AREAS AS REQUIRED. THE COST IS INCLUDED IN ITEM 202, REMOVAL MISC. INSPECTION WELL.

CONDUIT MATERIAL TYPES

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.

DRAINAGE DISCHARGE CONTINUANCE (CONTINUED)

PAY ITEMS

EACH OF THE PAY ITEMS LISTED BELOW FOR CONDUIT MISCELLANEOUS TYPES B, C, E AND F 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	2	EACH
ITEM 611, CONDUIT, MISC TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE	50	FT.
ITEM 611, CONDUIT, MISC TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE	50	FT.
ITEM 611, CONDUIT, MISC TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE	50	FT.
ITEM 611, CONDUIT, MISC TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE	50	FT.
ITEM 202, PIPE REMOVED, 24" AND UNDER	50	FT.
ITEM 202, REMOVAL MISC.: INSPECTION WELL	2	EACH
ITEM 203, EMBANKMENT, AS PER PLAN	50	CY.

BUTLER COUNTY WATER AND SEWER WORK

ALL WATERWORK AND SANITARY ITEMS ARE SUBJECT TO THE SUPPLEMENTAL SPECIFICATIONS AND STANDARDS OF THE BUTLER COUNTY WATER AND SEWER DEPARTMENT LISTED AS FOLLOWS:

2110	2550	5110
2220	2560	5180
2225	2610	
2240	2620	
2250	3410	

ITEM 638 - FIRE HYDRANT REMOVED AND DISPOSED OF	EACH
ITEM 638 - SPECIAL - VALVE BOX ADJUSTED TO GRADE (BCWS 2220)	EACH
ITEM 638 - SPECIAL - CUT AND PLUG WATERLINE	EACH
ITEM 638 - SPECIAL - EXISTING METER PIT, ADJUST TO GRADE (BCWS 5180)	EACH
ITEM 638 - SPECIAL - 6" FIRE HYDRANT (BCWS 2240)	EACH

ITEM SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION

ALL CONCRETE SHALL BE TESTED. ALL TESTING, INSPECTION AND QUALITY CONTROL FOR CONCRETE, NOT INCLUDED UNDER QC/QA PAY ITEMS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE A CONCRETE TESTING CONSULTANT WITH PREVIOUS EXPERIENCE AND FAMILIARITY IN ODOT PROCEDURES, CONCRETE TESTING REQUIREMENTS AND CONCRETE TESTING DOCUMENTATION. AT LEAST 30 DAYS PRIOR TO CONCRETE PLACEMENT, SUBMIT TO THE ENGINEER FOR APPROVAL, THE PROPOSED CONCRETE TESTING CONSULTANT ALONG WITH THE RESUMES OF THE PROPOSED TESTING PERSONNEL.

TESTING CONCRETE FOR STRUCTURES AND PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE PERFORMED AS OUTLINED IN CMS SPECIFICATIONS 455 RESPECTIVELY.

THROUGH THE CONTRACTOR, THE CONSULTANT SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONCRETE PLACED IS IN ACCORDANCE WITH THE SPECIFICATIONS. SUCH WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE ODOT CONSTRUCTION INSPECTION MANUAL OF PROCEDURES FOR CONCRETE. THE CONCRETE CONSULTANT SHALL PROVIDE THE NECESSARY TRAINED TECHNICIAN(S), ALL EQUIPMENT, AND SHALL FURNISH THE PROJECT ENGINEER WITH TWO (2) COPIES OF ALL TEST RESULTS WITHIN 24 HOURS AFTER COMPLETION OF CONCRETE PLACEMENT.

ITEM SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (CONTINUED)

THE TECHNICIAN SHALL BE ACI LEVEL 1 CERTIFIED AND WILL BE REQUIRED TO DEMONSTRATE HIS/HER COMPETENCE AND EXPERIENCE LEVELS TO THE ENGINEER PRIOR TO BEGINNING WORK. THE ENGINEER WILL ORDER THE CONTRACTOR TO REPLACE ANY TECHNICIAN THAT IS NOT VERSED IN THE REQUIRED TESTING PROCEDURE.

THE TECHNICIAN SHALL VERBALLY NOTIFY THE ODOT PROJECT ENGINEER OF ANY FAILING TEST AND SHALL SUBMIT FOLLOW-UP WRITTEN NOTIFICATION TO THE PROJECT ENGINEER OF REMEDIAL ACTION(S) TAKEN. TESTS SHALL BE TAKEN AS SPECIFIED WITHIN THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, CONCRETE MANUAL OR APPROPRIATE SUPPLEMENTAL SPECIFICATION AS LISTED IN THE PROPOSAL GOVERNING THE PROJECT. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAKE IMMEDIATE CORRECTIONS OR ADJUSTMENTS TO THE CONCRETE MIX VIA DIRECT COMMUNICATION WITH THE CONCRETE SUPPLIER'S PLANT PERSONNEL TO MAINTAIN UNINTERRUPTED COMPLIANCE WITH THE SPECIFICATIONS UPON NOTIFICATION OF CONCRETE MIX NON-COMPLIANCE BY THE CONSULTANT TECHNICIAN. THE PROJECT ENGINEER MAY REQUIRE MORE FREQUENT TESTING AS CONDITIONS WARRANT.

UPON COMPLETION OF DAILY CONCRETE PLACEMENT(S), THE CONCRETE CONSULTANT SHALL PROVIDE THE PROJECT ENGINEER WITH DAILY TEST REPORTS, TE-45'S, INSPECTORS DAILY REPORT AND SUPPORTING DOCUMENTATION FOR EACH ITEM OF CONCRETE WORK PERFORMED SEPARATED BY MIX DESIGN. SUBSEQUENTLY, UPON COMPLETION OF AN ENTIRE CONCRETE SPECIFICATION ITEM, THE CONCRETE CONSULTANT SHALL ALSO PROVIDE THE PROJECT ENGINEER WITH TWO (2) COPIES OF AN ADDITIONAL INSPECTION REPORT BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, WHICH CONTAINS THE TESTING-RESULTS SUMMARY FOR EACH ITEM BY CONTRACT REFERENCE NUMBER AND THE CONSULTANT'S CONCLUSIONS RELATIVE TO SPECIFICATION COMPLIANCE FOR ALL CONCRETE-TESTING WORK.

THE ODOT PROJECT ENGINEER RESERVES THE RIGHT TO MAKE UNANNOUNCED QUALITY-CONTROL TESTS TO VERIFY PROCEDURES USED AND RESULTS BEING OBTAINED BY THE CONTRACTOR.

THE CONCRETE TECHNICIAN SHALL WORK UNDER THE DIRECTION OF A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, WHO WILL MONITOR THE CONCRETE TEST RESULTS. THE FINAL INSPECTION REPORTS FOR EACH COMPLETED ITEM SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO, CERTIFYING THAT ALL CONCRETE TESTS PROVIDED BY THE CONTRACTOR MET APPLICABLE CONTRACT REQUIREMENTS. A FINAL REPORT ISSUED BY THE CONSULTING FIRM SHALL CONTAIN A CERTIFIED STATEMENT OF COMPLIANCE WITH ODOT SPECIFICATIONS AND ANY OTHER CONCLUSIONS REGARDING THE CONCRETE MATERIALS INCORPORATED INTO THE PROJECT. SUCH STATEMENT SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO. AND, THE CONCRETE CONSULTANT SHALL BE REQUIRED TO ATTEND MONTHLY PROGRESS MEETINGS AS REQUIRED BY THE PROJECT ENGINEER.

ADDITIONALLY, THE CONTRACTOR SHALL BE REQUIRED TO KEEP A POSTED LIST OF BEAM AND CYLINDER IDENTIFICATION NUMBERS FOR THE PURPOSE OF IDENTIFYING THE CORRESPONDING PLACEMENT LOCATION AND CONCRETE SPECIFICATION ITEM.

PAYMENT SHALL BE BID AS LUMP SUM FOR ITEM SPECIAL MISC.: CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION. THE ITEM WILL BE PAID FOR AS FOLLOWS:

UPON APPROVAL OF CONSULTANT	20%
PROGRESSIVE EQUIVALENT PAYMENTS	50%
UPON SUBMISSION OF FINAL REPORT	30%

THE TECHNICIAN SHALL HAVE THE FULL EFFECT AND AUTHORITY OF AN ODOT PROJECT INSPECTOR IN DETERMINING ACCEPTABILITY OF MATERIAL AND CONCRETE PLACEMENT PRACTICES.

DESIGN AGENCY
EMHT
 ENGINEERS • SURVEYORS • PLANNERS • SPECIALISTS
 113725_GN002.dgn
 DATE: 4/14/2023
 TIME: 8:39:09 AM
 USER: jfheuring

DESIGNER
 ESF

REVIEWER
 HRB 11/21/22

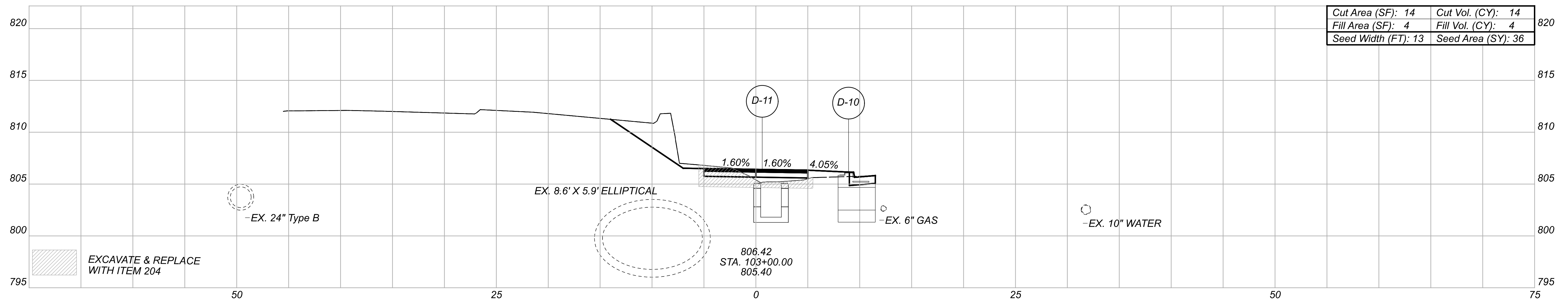
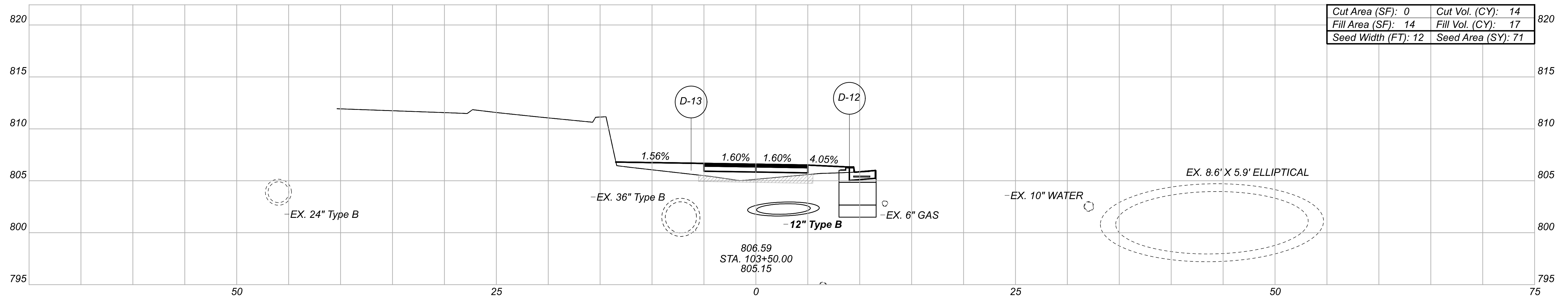
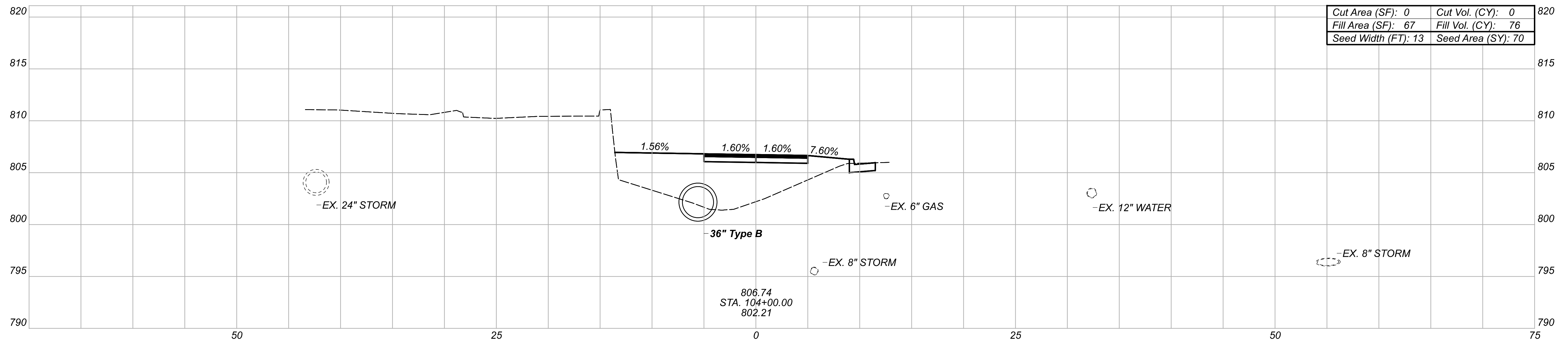
PROJECT ID
 113725

SHEET TOTAL
 P.7 105

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.6	P.7	P.19	P.20	P.21	P.22	P.23	P.57				01/SAF/PV	EXT	TOTAL				
ROADWAY																	
LS											LS	201	11000	LS		CLEARING AND GRUBBING	
			2								2	202	20010	2	EACH	HEADWALL REMOVED	
		917									917	202	23000	917	SY	PAVEMENT REMOVED	
	50		132								182	202	35100	182	FT	PIPE REMOVED, 24" AND UNDER	
			181								181	202	35200	181	FT	PIPE REMOVED, OVER 24"	
			29								29	202	38000	29	FT	GUARDRAIL REMOVED	
			3								3	202	58100	3	EACH	CATCH BASIN REMOVED	
			144								144	202	75000	144	FT	FENCE REMOVED	
			1								1	202	98100	1	EACH	REMOVAL MISC.: ABANDONED TRAFFIC CONTROL CABINET REMOVED	
	2										2	202	98100	2	EACH	REMOVAL MISC.: INSPECTION WELL	
	238						1,122				1,360	203	10000	1,360	CY	EXCAVATION	
	238						4,009				4,247	203	20000	4,247	CY	EMBANKMENT	
	50										50	203	20001	50	CY	EMBANKMENT, AS PER PLAN	
		3,425									3,425	204	10000	3,425	SY	SUBGRADE COMPACTION	
		1,045									1,045	204	13000	1,045	CY	EXCAVATION OF SUBGRADE	
		1,045									1,045	204	30020	1,045	CY	GRANULAR MATERIAL, TYPE C	
		2									2	204	45000	2	HOUR	PROOF ROLLING	
		3,228									3,228	204	50000	3,228	SY	GEOTEXTILE FABRIC	
			266								266	607	98000	266	FT	FENCE, MISC.: WOOD FENCE	
			1								1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
			180								180	607	23000	180	FT	FENCE, TYPE CLT	
			375								375	608	10000	375	SF	4" CONCRETE WALK	
			1,211								1,211	608	52000	1,211	SF	CURB RAMP	
			83								83	608	53020	83	SF	DETECTABLE WARNING	
											9	623	40520	9	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
LS											LS	SPECIAL	69098400	LS		IRRIGATION SYSTEM REPAIR	
	LS										LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
EROSION CONTROL																	
	2										2	659	00100	2	EACH	SOIL ANALYSIS TEST	
	827										827	659	00300	827	CY	TOPSOIL	
	7,452										7,452	659	10000	7,452	SY	SEEDING AND MULCHING	
	373										373	659	14000	373	SY	REPAIR SEEDING AND MULCHING	
	373										373	659	15000	373	SY	INTER-SEEDING	
	1.68										1.68	659	20000	1.68	TON	COMMERCIAL FERTILIZER	
	1.54										1.54	659	31000	1.54	ACRE	LIME	
	42										42	659	35000	42	MGAL	WATER	
							81				81	670	00700	81	SY	DITCH EROSION PROTECTION	
											LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
											LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											20,000	832	30000	20,000	EACH	EROSION CONTROL	
DRAINAGE																	
			1.5								1.5	602	20000	1.5	CY	CONCRETE MASONRY	
					910						910	605	06000	910	FT	4" BASE PIPE UNDERDRAINS	
					80						80	611	00410	80	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	
			204								204	611	04600	204	FT	12" CONDUIT, TYPE C	
			396								396	611	06100	396	FT	15" CONDUIT, TYPE C	
											346	611	10600	346	FT	24" CONDUIT, TYPE C	
											78	611	16400	78	FT	36" CONDUIT, TYPE B	
											441	611	16600	441	FT	36" CONDUIT, TYPE C	
	50										50	611	97400	50	FT	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE	
	50										50	611	97400	50	FT	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE	
	50										50	611	97400	50	FT	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE	
	50										50	611	97400	50	FT	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE	
											1	611	98150	1	EACH	CATCH BASIN, NO. 3	
											4	611	98180	4	EACH	CATCH BASIN, NO. 3A	
											1	611	98434	1	EACH	CATCH BASIN, NO. 8A	
											2	611	98510	2	EACH	CATCH BASIN, NO. 2-3	
											9	611	99574	9	EACH	MANHOLE, NO. 3	
											2	611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE	
											1	611	99655	1	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	
	2										2	611	99720	2	EACH	INSPECTION WELL	
PAVEMENT																	
		43									43	253	01000	43	SY	PAVEMENT REPAIR	
		946									946	254	01000	946	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 2" DEPTH	

GENERAL SUMMARY

DESIGN AGENCY
EMHT
 ENGINEERING, MECHANICAL, ELECTRICAL, PLUMBING & ARCHITECTURE
 ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
 PROJECT ID: 113725
 SHEET TOTAL: P.17 / 105
 DESIGNER: JPT
 REVIEWER: HRB 11/21/22



 EXCAVATE & REPLACE WITH ITEM 204

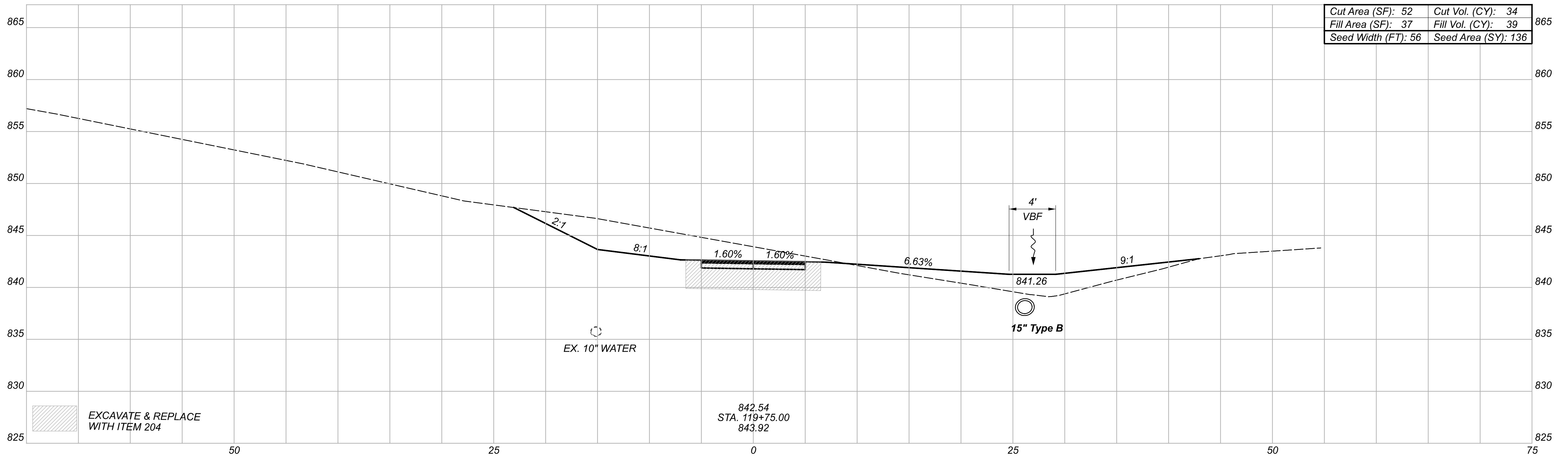
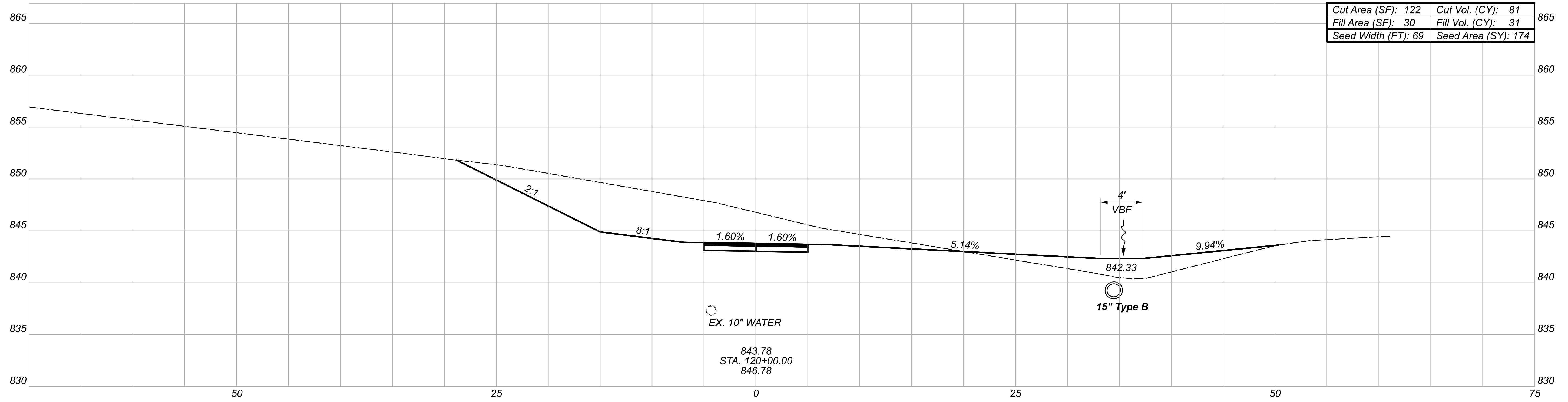
NOTE: SEE TABLE ON TYPICAL SECTION SHEETS FOR DEPTH OF EXCAVATION OF SUBGRADE

CROSS SECTIONS - SHARED USE PATH
 STA 103+00 TO STA 104+00



DESIGNER: JPT
 REVIEWER: HRB
 PROJECT ID: 113725

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.32	105
177	28	97		



EXCAVATE & REPLACE WITH ITEM 204

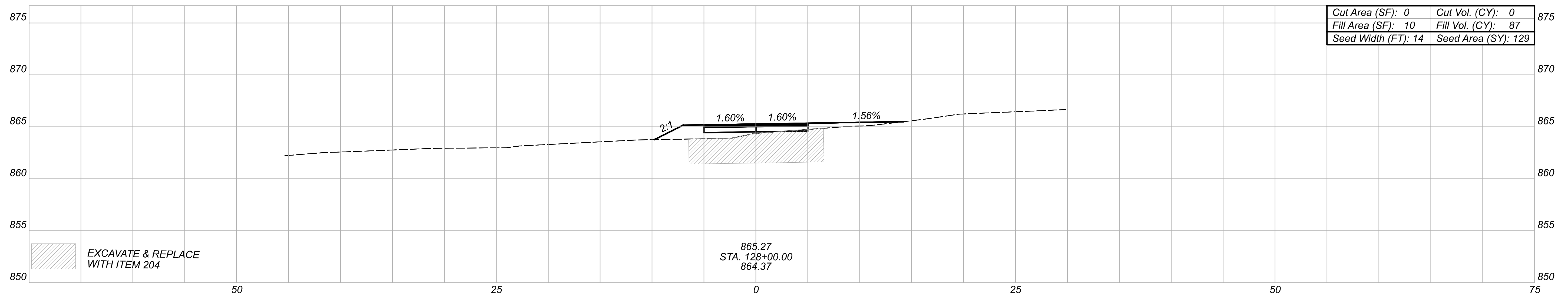
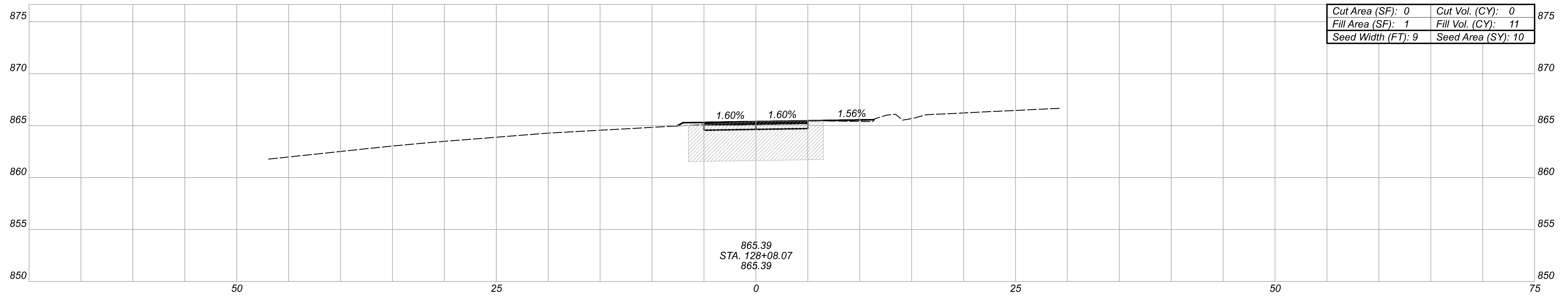
NOTE: SEE TABLE ON TYPICAL SECTION SHEETS FOR DEPTH OF EXCAVATION OF SUBGRADE

CROSS SECTIONS - SHARED USE PATH
 STA 119+75 TO STA 120+00

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 REVIEWER: HRB 11/21/22
 PROJECT ID: 113725

Sheet Totals			SHEET TOTAL	
Seeding	Cut	Fill	P.50	105
310	115	70		



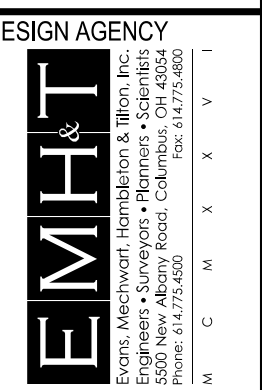
 EXCAVATE & REPLACE WITH ITEM 204

NOTE: SEE TABLE ON TYPICAL SECTION SHEETS FOR DEPTH OF EXCAVATION OF SUBGRADE

Sheet Totals			PROJECT ID
Seeding	Cut	Fill	113725
139	0	08	SHEET TOTAL
7452			P.57 105

TOTALS CARRIED TO GENERAL SUMMARY

CROSS SECTIONS - SHARED USE PATH
 STA 128+00 TO STA 128+08.07



DESIGNER JPT

REVIEWER HRB 11/21/22