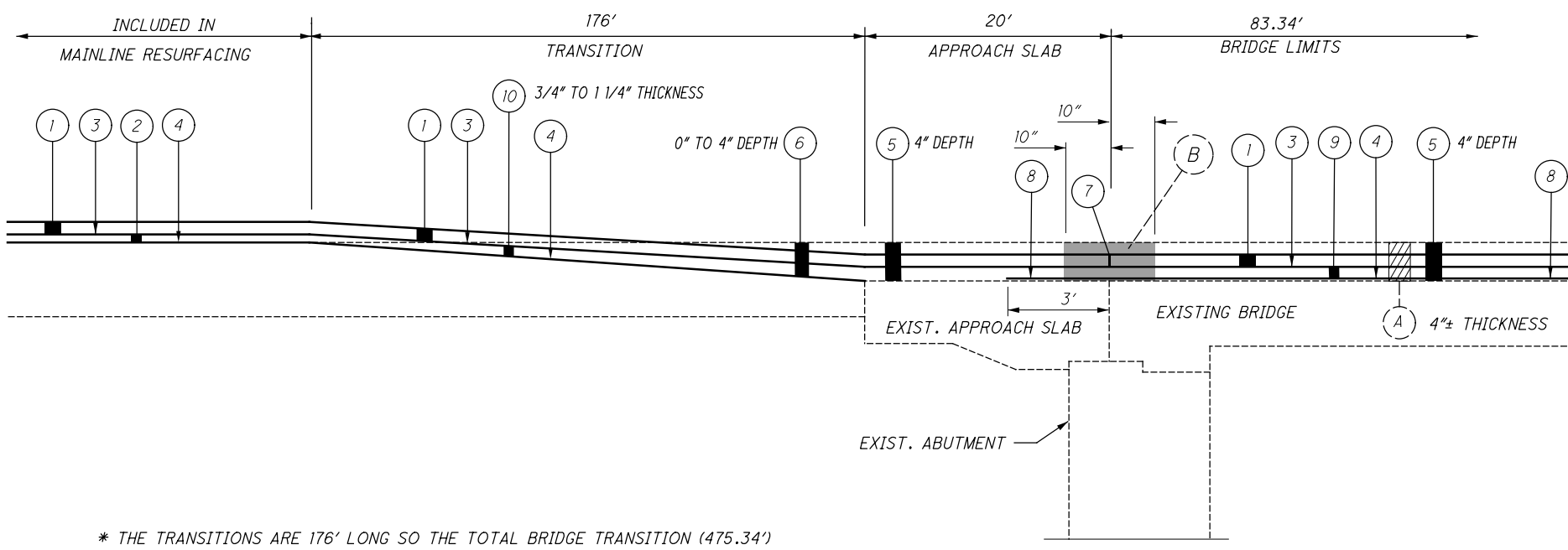


PLAN VIEW
CLA-42-0012



PROFILE VIEW
CLA-42-0012
(REAR SHOWN, FORWARD SIMILAR)

* THE TRANSITIONS ARE 176' LONG SO THE TOTAL BRIDGE TRANSITION (475.34') MATCHES THE PAVEMENT CALCULATIONS DEDUCTION OF 0.09 MILE FROM SLM 0.09 TO SLM 0.18.

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN IN THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM THE PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATION AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE STRUCTURE AND PROPOSED WORK, BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO THE CMS SECTIONS 102.05 AND 105.02.

CONTRACT BID PRICES SHALL BE BASED UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED UPON ACTUAL DETAILS AND DIMENSIONS, WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD. PLANS OF THE EXISTING STRUCTURES MAY BE EXAMINED AT THE DISTRICT SEVEN OFFICE IN SIDNEY, OHIO OR THE OFFICE OF STRUCTURAL ENGINEERING IN COLUMBUS, OHIO.

ITEM 516 - JOINT SEALER, AS PER PLAN (1 1/4" DEEP)

A 1 1/4" DEEP X 1/2" WIDE STRIP SHALL BE SAWCUT OUT OF THE THE PROPOSED OVERLAY. CENTER THE SAWCUT OVER THE CENTER OF THE EXISTING POLYMER MODIFIED ASPHALT EXPANSION JOINT THAT WAS COVERED UP BY THE PROPOSED OVERLAY. JOINT SEALER AS PER 705.04 SHALL BE USED TO SEAL THE JOINT CREATED. THE CONTRACTOR SHALL MARK AND VERIFY THE LOCATIONS WITH THE ENGINEER PRIOR TO ANY MILLING OR PAVING. A QUANTITY HAS BEEN INCLUDED IN THE ESTIMATED QUANTITIES.

LEGEND

- ① ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
- ② ITEM 441 - 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
- ③ ITEM 407 - NON TRACKING TACK COAT (0.055 GAL/SY.)
- ④ ITEM 407 - NON TRACKING TACK COAT (0.085 GAL/SY.)
- ⑤ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, 4" DEPTH
- ⑥ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, VAR. DEPTH (0" TO 4")
- ⑦ ITEM 516 - JOINT SEALER, AS PER PLAN (1 1/4" DEEP)
- ⑧ ITEM 512 - TYPE 3 WATERPROOFING
- ⑨ ITEM 441 - 1 1/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
- ⑩ ITEM 441 - VAR. THICK. (3/4" TO 1 1/4") ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
- (A) EXISTING ASPHALT PAVEMENT
- (B) EXISTING POLYMER MODIFIED ASPHALT EXPANSION JOINT

PROPOSED WORK

- 1) REMOVE ALL ASPHALT AND WATERPROOFING FROM THE BRIDGE DECK AND THE APPROACH SLABS.
- 2) WATERPROOF THE BRIDGE DECK. THE WATERPROOFING SHALL EXTEND 3' PAST THE BRIDGE JOINTS ONTO THE APPROACH SLABS.
- 3) OVERLAY THE BRIDGE DECK, THE APPROACH SLABS, AND THE PAVEMENT TRANSITIONS WITH ITEM 441, ASPHALT CONCRETE AS SHOWN IN THE PROFILE VIEW.
- 4) SAW CUT PER ITEM 516, JOINT SEALER, AS PER PLAN. THE SAW CUTS SHALL BE LOCATED OVER THE BRIDGE JOINTS.



STRUCTURE DETAILS
CLA-42-0012

CLA-40/42-0.00/0.00

I:\ProjectData\CLA\10135_US40_US42_Design\Roadway\Sheet\10135_GM002.dgn Sheet 12/7/2021 7:12:55 AM cweiss

I:\ProjectData\CLA\10135_US40_US42\Design\Roadway\Sheets\10135_GM003.dgn Sheet 12/7/2021 7:25:56 AM cweiss

			CLA-40-0068	CLA-42-0012		ITEM	ITEM EXTENSION	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
				604		254	01000	604	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 4" DEPTH	
				1214		254	01000	1214	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (0" TO 4")	
				255		407	20000	255	GAL	NON-TRACKING TACK COAT	
				63		441	50100	63	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22M	
				55		441	50200	55	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
				437		512	33010	437	SY	TYPE 3 WATERPROOFING	
			93			516	31000	93	FT	JOINT SEALER	
				102		516	31001	102	FT	JOINT SEALER, AS PER PLAN	14
			6			519	12300	6	SY	PATCHING CONCRETE BRIDGE DECK, TYPE B	
QUANTITIES CARRIED TO GENERAL SUMMARY											

LENGTH (BRIDGE LIMITS)	WIDTH	BRIDGE DECK AREA	SKEW ANGLE	STRUCTURE NAME	STRUCTURE FILE NUMBER	COMMENTS (WEARING COURSE)	APPROACH SLAB LENGTH	TOTAL APPROACH SLAB AREA	TYPE
FT.	FT.	SQ. YD.	DEGREE, MIN., SEC				FT	SQ. YD.	
97.14	40.00	432	30 RF	CLA-40-0068	1200615	CUT BUTT JOINTS AT APPROACH SLABS SKIP CONCRETE BRIDGE DECK & APPROACH SLABS	25	222	CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURE
-	-	-	0	CLA-40-0199	1200658	PAVE OVER AS ROADWAY (2" RESURFACE)	-	-	12' X 4' CONCRETE BOX CULVERT
83.34	44.00	408	30 RF	CLA-42-0012	1202057	REMOVE ALL ASPHALT AND WATERPROOFING FROM BRIDGE DECK & APPROACH SLABS. APPLY WATERPROOFING AND RESURFACE WITH 2 1/2" ASPHALT CONCRETE.	20	196	PRESTRESSED CONCRETE, NON-COMPOSITE BOX BEAM ON CAPPED PILE SUBSTRUCTURE

CALCULATED
TMK
CHECKED
CWW

0
0
HORIZONTAL
SCALE IN FEET

BRIDGE DATA

CLA-40 / 42-0.00 / 0.00