

LOCATION MAP

LATITUDE: 41°33'55" LONGITUDE: -83°35'25"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

DESIGN DESIGNATION

	WOO-795 (1.76-2.26)	WOO-795-2.27
CURRENT ADT (2026)	22000	22000
DESIGN YEAR ADT (2038)	24000	25000
DESIGN HOURLY VOLUME (2038)	2200	2300
DIRECTIONAL DISTRIBUTION	54%	54%
TRUCKS (24 HOUR B&C)	9%	9%
DESIGN SPEED	60 MPH	60 MPH
LEGAL SPEED	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	1.76-2.13: URBAN MINOR ARTERIAL 2.13-2.26: URBAN PRINCIPAL ARTERIAL	URBAN PRINCIPAL ARTERIAL
NHS PROJECT	YES WOO-795 (2.13-2.42)	

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES

Contact Two Working Days Before You Dig

 **OHIO 811.org**
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:

 **TETRA TECH**
420 Madison Ave., Suite 1001
Toledo, Ohio 43604
Phone: (419) 255-9500

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

WOO-795-1.76

PERRYSBURG TOWNSHIP

WOOD COUNTY

INDEX OF SHEETS:

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STRUCTURE OVER 20 FOOT SPAN (WOO-795-2.270)	31 - 52

FEDERAL PROJECT NUMBER

E250700

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

A PROJECT TO RESURFACE SR-795 FROM SLM 1.76 TO 2.26 AND OVERLAY EXISTING BRIDGE DECK ON THE WOO-795-02.27 BRIDGE OVER IR-75 IN WOOD COUNTY. PERFORM NECESSARY RELATED WORK.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.63 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.13 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	0.76 ACRES (NO NOI REQUIRED)


LIMITED ACCESS

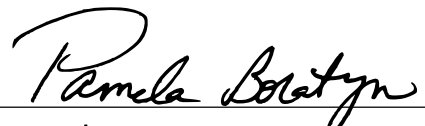
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET P.9.


Pat McColley, P.E., S.I.
District 02 Deputy Director


Pamela Boratyn
Director, Department of Transportation

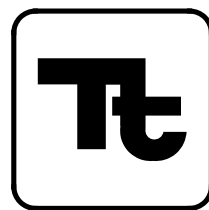
STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	1/19/24	RM-4.2	7/18/25	MT-105.10	1/17/20			800-2023	7/18/25		
BP-5.1	7/18/25							821	4/20/12		
BP-9.1	1/18/19	AS-1-15	1/20/23	TC-41.20	10/18/13			832	7/18/25		
		AS-2-15	7/21/23	TC-41.30	4/21/23			848	7/19/24		
DM-1.1	1/17/25	BR-1-13	1/17/14	TC-42.20	10/18/13			875	1/17/25		
DM-4.1	7/17/20	SICD-2-14	1/15/21	TC-52.20	1/15/21			921	7/19/24		
DM-4.3	1/15/16	MT-95.30	7/18/25	TC-65.10	1/17/14						
DM-4.4	1/15/16	MT-95.31	7/18/25	TC-65.11	1/17/25						
		MT-95.32	7/18/25	TC-71.10	7/18/25						
MGS-2.1	7/18/25	MT-95.45	7/21/23								
MGS-3.1	7/18/25	MT-97.10	7/18/25								
MGS-3.2	7/18/25	MT-99.20	4/19/19								
MGS-4.2	7/18/25	MT-101.60	1/17/25								
MGS-4.3	7/18/25	MT-101.70	7/19/24								
		MT-101.75	7/21/23								
RM-3.1	7/20/18	MT-101.90	7/17/20								

ENGINEER'S SEAL



TITLE SHEET

DESIGN AGENCY



DESIGNER

GCB

REVIEWER

DTC 10/03/25

PROJECT ID

116205

SHEET

P.1

TOTAL

52

MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 12/29/2025 TIME: 8:53:48 AM PLTDRV: OHDOT_PenC.tbl USER: GARRETT.BRENKE@letratech.com WORKSPACE: OHDOTCEV02 WORKSET: 116205 PRODUCT: OpenRoadsDesigner 24.00.02.25 pwc:\ohdot\pww-bentley.com\ohdot\pww-02\Documents\01 Active Projects\District 02\Wood\116205\401-Engineering_TetraTech\Roadway\Sheets\116205_GN001.dgn

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AT&T OHIO
ROB FEY
130 NORTH ERIE ST., ROOM 206
TOLEDO, OHIO 43604
419-508-0395
RF1281@ATT.COM

BUCKEYE BROADBAND
MICHAEL SHEAHAN
2700 OREGON ROAD
NORTHWOOD, OHIO 43619
419-724-3713
MSHEAHAN@SHARED SVCs.COM

CHARTER COMMUNICATIONS
3760 INTERCHANGE DR.
COLUMBUS, OHIO 43204
614-255-6340

CITY OF PERRYSBURG
DEPARTMENT OF PUBLIC UTILITIES
211 EAST BOUNDARY ST.
PERRYSBURG, OHIO 43551
419-872-8062

COLUMBIA GAS OF OHIO-TOLEDO
CLINT WELLS
2901 E. MANHATTEN BLVD.
TOLEDO, OHIO 43611
419-539-6209
CLINTWELLS@NISOURCE.COM

NORTHWESTERN WATER & SEWER
P.O. BOX 348
BOWLING GREEN, OHIO 43402
419-354-9090

ODOT-CENTRAL OFFICE
TRAFFIC MONITORING SECTION,
TECH. SERVICES
1980 W. BROAD ST.
COLUMBUS, OHIO 43223
ATTN. EDWARD NEUMEYER
614-204-0914

TOLEDO EDISON
BRENT THRONE
6099 ANGOLA RD.
HOLLAND, OHIO 43528
419-249-5094
TEPUBLICWORKSCOORDINATOR
@FIRSTENERGYCORP.COM

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. 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 THESE WORK LIMITS.

CLEARING AND GRUBBING

THE DEPARTMENT HAS NOT MARKED INDIVIDUAL TREES AND STUMPS FOR REMOVAL. UNLESS SPECIFICALLY DESIGNATED AS "DO NOT DISTURB" IN THE PLANS, REMOVE ALL TREES AND STUMPS WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201 CLEARING AND GRUBBING.

ENVIRONMENTAL COMMITMENTS

THE CONTRACTOR SHALL NOT REMOVE ANY TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. 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.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE THIS SHEET OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: ODOT REAL TIME NETWORK (2011), AND DIFFERENTIAL LEVELING.

MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011 ADJ, 2010.0)
ELLIPSOID: GRS 80
COORDINATE SYSTEM: O.D.O.T. WOOD OCCS

WOOD COUNTY PROJECTION PARAMETERS

PROJECTION: TRANSVERSE MERCATOR
ORIGIN LATITUDE: 40°09'00.0000"N
ORIGIN LONITUDE: 276°21'00.0000"E
FALSE NORTHING: 0 M
FALSE EASTING: 50000 M
PROJECTION SCALE FACTOR: 1.000025

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

ITEM 253, PAVEMENT REPAIR:

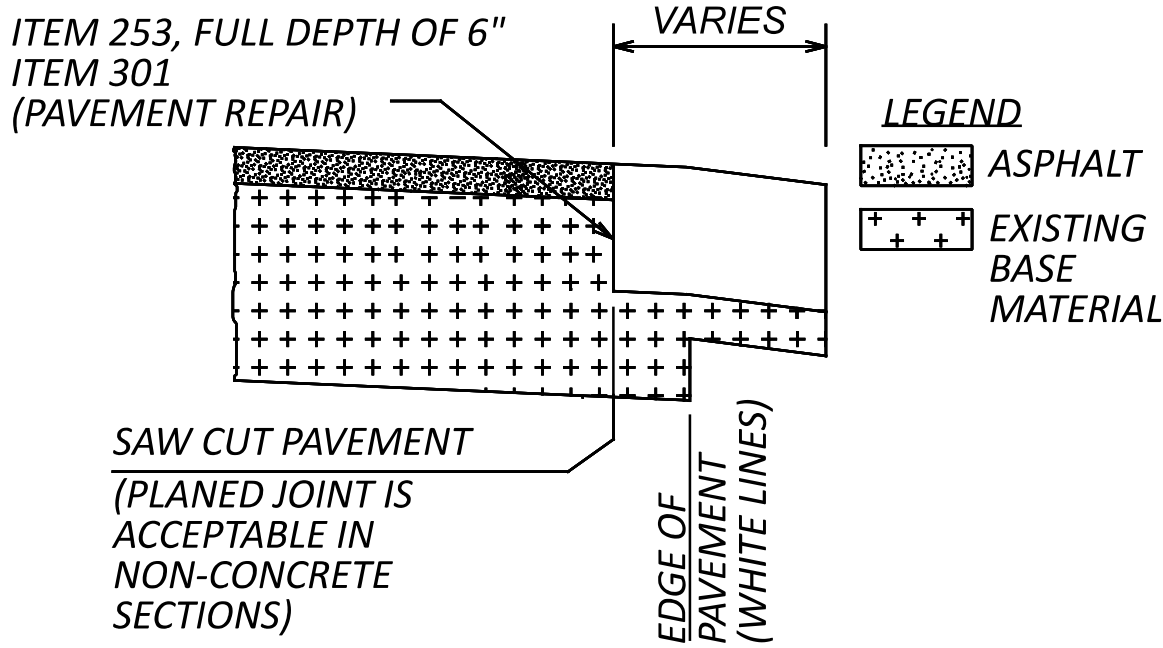
PAVEMENT SHALL BE PLANED BEFORE PAVEMENT REPAIRS ARE PERFORMED.

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR 6" PAVEMENT REPAIR FOR SR 795 AS DIRECTED BY THE ENGINEER BASED ON 10% OF THE PAVEMENT AREA.

WOO-795-(1.76-2.129)227 CU. YARDS(03/S>2 FUNDING)
WOO-795-(2.129-2.26)106 CU. YARDS(02/NHS FUNDING)

ITEM 253, PAVEMENT REPAIR333 CU. YARDS

ESTIMATED QUANTITIES CARRIED TO THE GENERAL SUMMARY.



NOTE: THE ENGINEER SHALL FIELD VERIFY ALL LOCATIONS PRIOR TO THE BEGINNING OF WORK. ANY ADJUSTMENTS NECESSARY SHALL BE AS DIRECTED BY THE ENGINEER.

EXISTING MONUMENT BOXES

DURING CONSTRUCTION, IF THE CONTRACTOR REMOVES OR DISTURBS ANY MONUMENT BOX ASSEMBLIES, THE CONTRACTOR SHALL HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE ORIGINAL LOCATION AS PER OHIO ADMINISTRATIVE CODE, CHAPTER 4733-37, STANDARDS FOR BOUNDARY SURVEYS. THE CONTRACTOR SHALL FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPERATIONS MANAGER FOR REVIEW. THE CERTIFICATION SHALL BE SIMILAR TO THE FOLLOWING:

I, JOHN D. DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATIONS DURING PROJECT CTY-RT-SEC, PID 000000. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "MY MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS OTHERWISE NOTED. THE WORDS "I AND MY," AS USED HEREIN, ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

ALL SURVEY MONUMENTS SET AND/OR RESET BY THE CONTRACTOR'S SURVEYOR SHALL BE CONSTRUCTED ACCORDING TO SCD RM-1.1

ALL COSTS ASSOCIATED WITH THE RE-SETTING OF THE MONUMENT BOXES SHALL BE INCLUDED IN ITEM 623 - MONUMENT BOX ADJUSTED TO GRADE.

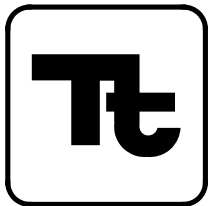
SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

653, TOPSOIL FURNISHED AND PLACED304 CY
659, SEEDING AND MULCHING2740 SY
659, REPAIR SEEDING AND MULCHING137 SY
659, INTER-SEEDING137 SY
659, COMMERCIAL FERTILIZER0.40 TON
659, WATER15 MGAL

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

PROJECT CONTROL TABLE						
STATION/OFFSET		PROJECT COORDINATES (SEE SURVEY PARAMETERS)			MONUMENT DESCRIPTION	
STATION (C/L of R/W)	OFFSET (C/L of R/W)	NORTHING(ft) (OHIO NORTH)	EASTING(ft) (OHIO NORTH)	ELEV(ft) (NAVD88/12B)	PT #	DESCRIPTION
HORIZONTAL CONTROL						
Centerline of R/W SR 795						
93+03.86	29.26' LT	515598.498	178730.320	627.316*	MV501	W/ ALUMINUM PRIMARY CAP
105+49.23	35.11' RT	515529.120	179975.421	626.610*	MV502	W/ ALUMINUM PRIMARY CAP
118+46.14	63.86' RT	515495.143	181272.205	651.288*	MV503	W/ ALUMINUM PRIMARY CAP
124+63.41	25.13' LT	515581.504	181889.828	605.877*	MV504	W/ ALUMINUM PRIMARY CAP
131+26.43	80.98' RT	515472.555	182552.385	631.756*	MV505	W/ ALUMINUM PRIMARY CAP
VERTICAL CONTROL						
Centerline of R/W SR 795						
92+84	47' RT	515521.917	178710.170	629.122	BM1	MAG NAIL IN NORTH SIDE OF UTILITY POLE
99+16	70' RT	515496.757	179342.174	622.637	BM2	MAG NAIL IN NORTH SIDE OF UTILITY POLE
101+24	35' LT	515600.959	179550.423	625.765	BM3	CUT SQUARE IN NE ABUTMENT OF BRIDGE OVER CREEK
112+05	28' LT	515589.303	180631.562	629.418	BM4	CUT "X" IN SE BOLT OF TRAFFIC SIGNAL POLE IN NW QUAD. OF INT.
119+99	27' LT	515585.368	181425.783	653.490	BM5	CUT SQUARE IN NW ABUTMENT WALL OF BRIDGE OVER I-75
123+51	65' RT	515492.230	181776.928	653.333	BM6	ALUMINUM ODOT PLATE IN SE ABUTMENT WALL OF BRIDGE OVER I-75
*This elevation may be subject to seasonal changes. Confirm elevation against other primary vertical control and benchmarks just prior to the start of construction activities.						



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pvc:\ohdot\pvc\benley.com\ohdot\pvc\02\Documents\01 Active Projects\District 02\Wood\116205\401-Engineering_TetraTech\Roadway\Sheets\116205_GG001.dgn

SHEET NUMBER											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
6	10	21	22								01/BRO	02/NHS	03/S>2						
																		ROADWAY	
											LS			201	11000	LS		CLEARING AND GRUBBING	
			1,406								1,406			202	23000	1,406	SY	PAVEMENT REMOVED	
		170										170		202	30600	170	SY	CONCRETE MEDIAN REMOVED	
		165										165		202	32000	165	FT	CURB REMOVED	
		2,775										1,662.5	1,112.5	202	38000	2,775	FT	GUARDRAIL REMOVED	
		4										3	1	202	42010	4	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
		6										1	5	202	42040	6	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
		8										4	4	202	47000	8	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
			2,044								2,044			204	10000	2,044	SY	SUBGRADE COMPACTION	
			0.48								0.06	0.04	0.38	209	60500	0.48	MILE	LINEAR GRADING	
		725											725	606	15050	725	FT	GUARDRAIL, TYPE MGS	
		1,737.5										1,737.5		606	15101	1,737.5	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN	7
		6										2	4	606	26150	6	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016	
		7										2	5	606	26550	7	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
		2										2		606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
		2										2		606	35102	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
		4											4	606	35140	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4	8
		2										1	1	623	39500	2	EACH	MONUMENT ASSEMBLY ADJUSTED TO GRADE	
																		EROSION CONTROL	
304											304			653	10000	304	CY	TOPSOIL FURNISHED AND PLACED	
2,740											2,740			659	10000	2,740	SY	SEEDING AND MULCHING	
137											137			659	14000	137	SY	REPAIR SEEDING AND MULCHING	
137											137			659	15000	137	SY	INTER-SEEDING	
0.4											0.4			659	20000	0.4	TON	COMMERCIAL FERTILIZER	
15											15			659	35000	15	MGAL	WATER	
											5,000			832	30000	5,000	EACH	EROSION CONTROL	
																		DRAINAGE	
		4										1	3	611	98630	4	EACH	CATCH BASIN ADJUSTED TO GRADE	
		1											1	611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	
																		PAVEMENT	
333												106	227	253	02000	333	CY	PAVEMENT REPAIR	
			19,978									6,336	13,642	254	01000	19,978	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3 ¼"	
			378								378			301	56000	378	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
		7	385								385	7		304	20000	392	CY	AGGREGATE BASE	
			3,039								241	888	1,910	407	10000	3,039	GAL	TACK COAT	
			832								59	240	533	442	10000	832	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
			970								69	280	621	442	10100	970	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
			60									24	36	442	22100	60	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)	
			70									28	42	442	22400	70	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (449)	
		85										85		609	26000	85	FT	CURB, TYPE 6	
		67										67		609	72000	67	SY	CONCRETE MEDIAN, 6"	
		115										115		609	72001	115	SY	CONCRETE MEDIAN, AS PER PLAN	7
	50		35								54	15	16	617	10100	85	CY	COMPACTED AGGREGATE	
			2,818								328	1,218	1,272	618	40100	2,818	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
			1,921								79	457	1,385	875	10000	1,921	LB	LONGITUDINAL JOINT ADHESIVE	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

GCB

REVIEWER

DTC 10/03/25

PROJECT ID

116205

SHEET

P.19

TOTAL


52

MODEL: Sheet PAPER:SIZE: 34x22 (in.) DATE: 12/23/2025 TIME: 11:12:50 AM PLTDRV: OHDOT_PDF_Color.plt PENTBL: OHDOT_PenC.tbl USER: GARRETT: BRENKE@tetratech.com WORKSPACE: OHDOTCEV02 WORKSET: 116205 PRODUCT: OpenRoadsDesigner 24.00.02.25 pwc:\ohdot\odot-pw-02\Documents\01 Active Projects\District 02\Wood\116205\401-Engineering_TetraTech\Roadway\Sheets\116205_GS002.dgn

STATION RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	SPLIT	202	204	209	254	301	304	407	442	442	617	618	875							
					FT	FT	SY	SF		SY	SY	MILE	SY	CY	CY	GAL	CY	CY	CY	CY	FT	LB						
S.R. 795																												
93+10.75	TO	100+90.69	A		779.94	50.25	4354.39	39189.52	03/S>2				4354.39			609.61	181.43	211.67			584.96							
101+23.43	TO	106+10.00	A		486.57	52.39	2832.30	25490.70	03/S>2				2832.30			396.52	118.01	137.68			364.93							
106+10.00	TO	109+72.86	B		362.86	78.26	3155.45	28399.05	03/S>2			0.18	3155.45			441.76	131.48	153.39	8.96	726	272.15							
109+72.86	TO	111+38.57	C		165.71	76.56	1409.65	12686.83	03/S>2			0.14	1409.65			197.35	58.74	68.52	4.09	331	82.85							
111+38.57	TO	112+46.04	D		107.47	86.15	1028.74	9258.68	03/S>2			0.06	1028.74			144.02	42.86	50.01	2.65	215	80.60							
112+46.04	TO	118+55.00	D		608.96	85.08	5756.62	51809.60	02/NHS			0.04	5756.62			805.93	239.86	279.84	15.04	1218	456.72							
118+55.00	TO	119+19.00	E		64.00	81.76	581.43	5232.83	01/BRO	575.52	594.66	0.02		142.88	99.11	96.16	24.23	28.26	1.36	120	32.00							
119+19.00	TO	119+53.18	F		34.18	47.30	179.64	1616.72	01/BRO	181.96	192.26	0.01		45.95	32.04	30.10	7.48	8.73	0.60	45	5.05							
119+53.18	TO	119+77.51			24.33	87.19	235.70	2121.34	01/BRO		235.70				39.28													
124+04.12	TO	124+28.45			24.33	87.19	235.70	2121.34	01/BRO		235.70				39.28													
124+28.45	TO	124+95.00	G		66.55	88.73	656.14	5905.23	01/BRO	647.86	784.96	0.03		188.36	174.43	114.62	27.34	31.90	1.96	163	41.04							
TOTALS CARRIED TO GENERAL SUMMARY										1406	2044	0.48	18538	378	385	2837	832	970	35	2818	1921							
ROUTE	INTERSECTING STREET	STATION	SIDE	LENGTH	MOUTH	THROAT	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	SPLIT	254		407		442	442													
				FT	FT	FT	SY	SF		PAVEMENT PLANING, ASPHALT CONCRETE, 3 ¼"		TACK COAT		ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (449)													
S.R. 795	MCCARTHY DR.	97+28.67	LT	22.00	92.81	26.09	108.18	973.58	03/S>2	108.18		15.14		4.51	5.26													
S.R. 795	SIMMONS RD.	105+91.00	LT	18.78	121.82	55.14	163.71	1473.40	03/S>2	163.71		22.92		6.82	7.96													
S.R. 795	SIMMONS RD.	105+91.00	RT	21.06	83.12	37.07	115.53	1039.77	03/S>2	115.53		16.17		4.81	5.62													
S.R. 795	WYANDOT PL	112+46.04	LT	33.43	20.74	8.13	41.32	371.90	03/S>2	41.32		5.79		1.72	2.01													
S.R. 795	WYANDOT PL	112+46.04	LT	33.43	27.06	9.91	44.57	401.10	02/NHS	44.57		6.24		1.86	2.17													
S.R. 795	SB I-75 RAMP	112+46.04	RT	73.51	99.00	39.25	431.73	3885.59	03/S>2	431.73		60.44		17.99	20.99													
S.R. 795	SB I-75 RAMP	112+46.04	RT	73.51	146.42	47.35	534.72	4812.44	02/NHS	534.72		74.86		22.28	25.99													
TOTALS CARRIED TO GENERAL SUMMARY										1440		202		60	70													

PAVEMENT SUBSUMMARY

DESIGN AGENCY



DESIGNER

GCB

REVIEWER

DTC 10/03/25

PROJECT ID

116205

SHEET

P.22

TOTAL

52

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15 REVISED 1-20-2023
AS-2-15 REVISED 7-21-2023
BR-1-13 REVISED 1-17-2014
SICD-2-14 REVISED 1-15-2021

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

800 DATED 7-18-2025
848 DATED 7-19-2024

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.00 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING

DESIGN LOADING INCLUDES:
VEHICULAR LIVE LOAD: HL-93

DESIGN DATA

CONCRETE CLASS QC2:
COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1:
COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (ABUTMENTS, DECK, APPROACH SLABS, PARAPETS)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

ADHESIVE ANCHOR/DOWEL SYSTEM

INSTALL ADHESIVE ANCHORS/DOWELS ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PUBLISHED IN THE ICC-ES REPORTS LISTED BELOW.

THE HOLES FOR THE ADHESIVE ANCHORS SHALL BE DRILLED WITH A HAMMER DRILL AND CARBIDE BIT PRIOR TO THE INSTALLATION OF THE ANCHORS, CLEAN AND DRY THE HOLES IN A MANNER CONSISTENT WITH THE MANUFACTURE'S REQUIREMENTS FOR DRY CONCRETE.

HTTPS://ICC-ES.ORG/EVALUATION-REPORT-PROGRAM/REPORTS-DIRECTORY/

SELECT FROM ONE OF THE FOLLOWING APPROVED PRODUCTS:

ADHESIVE ANCHOR/DOWEL SYSTEM OPTION 1 - ICC-ES ESR 3372

ADHESIVE ANCHOR/DOWEL SYSTEM OPTION 2 - ICC-ES ESR 3574

FACTORED ANCHOR/DOWEL LOADS:
#5 BARS - TENSION 24.8 KIPS, SHEAR 14.8 KIPS

THE CONTRACTOR MAY USE A SUBSTITUTE ADHESIVE ANCHOR/DOWEL SYSTEM THAT MEETS THE ACCEPTANCE CRITERIA OF ICEES AC308 - POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE ELEMENTS. THE SUBSTITUTE ANCHORS SHALL MEET OR EXCEED THE CAPACITY OF THE ADHESIVE ANCHOR/DOWEL SYSTEMS LISTED ABOVE.

ADHESIVE ANCHORS/DOWELS SHALL NOT BE SUBSTITUTED WITH MECHANICAL ANCHORS.

THE CONTRACTOR SHALL SUPPLY DOCUMENTATION SEALED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER ENSURING THAT THE SUBSTITUTE ADHESIVE ANCHOR/DOWEL SYSTEM PROVIDES SUFFICIENT CAPACITY FOR THIS APPLICATION IN ACCORDANCE WITH AASHTO LRFD SECTION 5.13. INSTALL THE ANCHORS ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PUBLISHED IN THE ICC-ES REPORT.

ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

THIS WORK CONSISTS OF THE REMOVAL OF CONCRETE DECKS INCLUDING METAL RAILINGS, DECK JOINTS AND OTHER APPURTENANCES FROM STEEL SUPPORTING SYSTEMS (BEAMS, GIRDERS, CROSS-FRAMES, ETC.). THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED BY THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED AND INCORPORATED INTO THE PROPOSED STRUCTURE. THE DEPARTMENT WILL NOT PERMIT THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE RAM TYPE OF EQUIPMENT. SUBMIT CONSTRUCTION PLANS ACCORDING TO C&MS 501.05.

PROTECTION OF STEEL SUPPORT SYSTEMS: BEFORE DECK SLAB CUTTING BEGINS, DRAW THE OUTLINE OF PRIMARY STEEL MEMBERS IN CONTACT WITH THE BOTTOM OF THE DECK ON THE SURFACE OF DECK. DRILL SMALL DIAMETER PILOT HOLES 2 INCHES OUTSIDE THESE LINES TO CONFIRM THE LOCATION OF FLANGE EDGES. DECK CUTS OVER OR WITHIN 2 INCHES OF FLANGE EDGES SHALL NOT EXTEND LOWER THAN THE BOTTOM LAYER OF CONCRETE REINFORCEMENT IN THE DECK SLAB. CUTS MADE OUTSIDE 2 INCHES OF FLANGE EDGES MAY EXTEND THE FULL DEPTH OF THE DECK. PERFORM WORK CAREFULLY DURING CUTTING OF THE DECK SLAB TO AVOID DAMAGING STEEL MEMBERS THAT ARE TO BE INCORPORATED INTO THE PROPOSED STRUCTURE. REPLACE OR REPAIR STEEL MEMBERS DAMAGED BY THE DECK SLAB CUTTING OPERATIONS AT NO COST TO THE PROJECT. AT LEAST 7 DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING REPAIR.

REMOVAL METHODS: THE CONTRACTOR MAY REMOVE CONCRETE BY CUTTING AND BY MEANS OF HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS. FOR REMOVALS OVER STRUCTURAL MEMBERS (PRESTRESSED BOX BEAM, I-BEAM, STEEL BEAM STEEL GIRDER, ETC.), THE CONTRACTOR MAY USE A HAMMER HEAVIER THAN 35 POUNDS BUT NOT TO EXCEED 90 POUNDS UNLESS APPROVED BY THE ENGINEER. REMOVAL METHODS OVER STRUCTURAL MEMBERS SHALL ENSURE ADEQUATE DEPTH CONTROL AND PREVENT NICKING OR GOUGING THE PRIMARY STRUCTURAL MEMBERS. DUE TO THE POSSIBLE PRESENCE OF ATTACHMENTS (E.G., FINISHING MACHINE, SCUPPER AND FORM SUPPORTS, ETC.) TO EXISTING STRUCTURAL MEMBERS, PERFORM WORK CAREFULLY DURING DECK REMOVAL TO AVOID DAMAGING STRUCTURAL MEMBERS THAT ARE TO REMAIN. REPLACE OR REPAIR STRUCTURAL MEMBERS DAMAGED BY THE REMOVAL OPERATIONS AT NO COST TO THE PROJECT. AT LEAST 7 DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING REPAIR.

DECK REMOVALS - COMPOSITE DECK DESIGNS – STEEL SUPERSTRUCTURES: DUE TO THE PRESENCE OF WELDED STUDS TO THE EXISTING STRUCTURAL STEEL, SUBMIT A DETAILED PROCEDURE OF THE DECK REMOVAL WITH THE ENGINEERED DRAWINGS ACCORDING TO C&MS 501.05. THE PROCEDURE SHALL INCLUDE ALL DETAILS, EQUIPMENT AND METHODS TO BE USED FOR REMOVAL OF THE CONCRETE OVER THE FLANGES AND AROUND THE STUDS. REPLACE OR REPAIR MAIN STEEL AND STUDS DAMAGED BY THE REMOVAL OPERATIONS AT NO COST TO THE PROJECT. AT LEAST 7 DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN ACCORDING TO C&MS 501.05.C TO THE ENGINEER TO REPLACE OR REPAIR STRUCTURAL STEEL AND STUDS DAMAGED BY THE REMOVAL OPERATIONS. THE DEPARTMENT WILL NOT PAY FOR DAMAGE REPAIRS.

EXISTING WELDED ATTACHMENTS: REMOVE EXISTING WELDED ATTACHMENTS (E.G., FINISHING MACHINE AND FORM SUPPORTS; AND SUPPORTS FOR SCUPPERS AND BULB ANGLES WHICH ARE TO BE REMOVED) LOCATED IN THE DESIGNATED TENSION PORTIONS OF THE TOP FLANGES OF EXISTING STEEL MEMBERS AND GRIND THE FLANGE SURFACES SMOOTH. CAREFULLY GRIND PARALLEL TO THE FLANGES.

CUT LINE CONSTRUCTION JOINT PREPARATION: SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP (+0 INCH, -1/4 INCH) ON TOP OF SLAB AND 1/2" DEEP (+0 INCH, -1/4 INCH) ON BOTTOM OF SLAB. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING CONCRETE REINFORCEMENT, IF REQUIRED IN THE PLANS, IN PLACE. INSTALL DOWEL BARS IF SPECIFIED. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING STEEL REINFORCEMENT DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

SUBSTRUCTURE CONCRETE REMOVAL: REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS EMPLOYING POINTED AND BLUNT CHISEL TOOLS. THE DEPARTMENT WILL NOT PERMIT HYDRAULIC HOE-RAM TYPE HAMMERS. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED. OUTSIDE THE 18-IN LIMIT, THE CONTRACTOR MAY USE HAMMERS NOT EXCEEDING 90 POUNDS UPON THE APPROVAL OF THE ENGINEER. DO NOT PLACE PNEUMATIC HAMMERS IN DIRECT CONTACT WITH CONCRETE REINFORCEMENT THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE.

MEASUREMENT & PAYMENT: THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05, 105.02 AND 513.04. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

UNCLASSIFIED EXCAVATION SHALL BE IN ACCORDANCE WITH ITEM 503 EXCEPT THAT THE BACKFILL MATERIAL PLACED BEHIND THE ABUTMENTS SHALL BE 703.17 MATERIAL PLACED IN 6 INCH LIFTS AS PER 304.04.

ITEM 509 - CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN

REPLACE ALL EXISTING REINFORCING BARS DEEMED BY THE ENGINEER TO BE UNUSABLE BECAUSE OF CORROSION. THE DEPARTMENT WILL MEASURE THE REPLACEMENT REINFORCING STEEL BY THE NUMBER OF POUNDS ACCEPTED IN PLACE. REPLACE ALL EXISTING REINFORCING STEEL BARS WHICH ARE TO BE INCORPORATED INTO THE NEW WORK AND ARE DEEMED BY THE ENGINEER TO BE MADE UNUSABLE BY CONCRETE REMOVAL OPERATIONS WITH NEW REINFORCING STEEL OF THE SAME SIZE AND COATING AT NO COST TO THE DEPARTMENT.


ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN

FILL THE HORIZONTAL JOINT IN THE BACKWALL CREATED BETWEEN THE SEMI-INTEGRAL ABUTMENT DIAPHRAGM AND THE BEAM SEAT WITH EXPANED POLYSTYRENE SHEET TO ACT AS FORM WORK FOR THE PLACEMENT OF THE SEMI-INTEGRAL DIAPHRAGM CONCRETE.

FURNISH MATERIAL MEETING THE REQUIREMENTS OF ASTM C578 TYPE IV. NEATLY CUT MATERIAL AS NECESSARY TO ALLOW FOR PROPER INSTALLATION. JOINTS AT ABUTTING PIECES SHALL BE SEALED WITH DUCT TAPE. ALLOWABLE TOLERANCE FOR THE TOTAL THICKNESS OF THE MATERIAL SHALL BE -0", +1/2". DO NOT PLACE MORE THAN TWO LAYERS OF POLYSTYRENE TO ACHIEVE TOTAL THICKNESS.

INCLUDE THIS WORK WITH ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN FOR PAYMENT.

GENERAL NOTES
BRIDGE NO. WOO-795-2.270
S.R. 795 OVER I-75

SFN	
8707219	
DESIGN AGENCY	
	
DESIGNER	CHECKER
DTC	GRJ
REVIEWER	
GCB 10/03/25	
PROJECT ID	
116205	
SUBSET	TOTAL
2	22
SHEET	TOTAL
P.32	52

ITEM 514 - FIELD PAINTING, MISC.: COATING OF BEAM ENDS

PRIOR TO ENCASING THE BEAM ENDS, PREPARE THE ENDS PER SSPC SP10 OR SSPC SP11 TO BARE METAL ACHIEVING A 1.5 TO 3.5 MIL PROFILE. PAINT THE BEAM ENDS WITH ORGANIC ZINC PRIME COAT PER C&MS 514. PROVIDE THE PRIME COAT THICKNESS AS PER C&MS 514.20.

AFTER THE DIAPHRAGM CONCRETE IS SET, SEAL THE INTERFACE BETWEEN THE BEAM AND CONCRETE WITH CAULK.

THE DEPARTMENT WILL PAY FOR ALL ABOVE LABOR AND AT THE CONTRACT BID PRICE FOR ITEM 514 - FIELD PAINTING, MISC: COATING OF BEAM ENDS.

ITEM 516 - JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN

THIS WORK CONSISTS OF RAISING OR RE-POSITIONING EXISTING STRUCTURES TO THE DIMENSIONS AND REQUIREMENTS DEFINED IN THE PROJECT PLANS. SUBMIT CONSTRUCTION PLANS IN ACCORDANCE WITH C&MS 501.05. IF, DURING THE JACKING OPERATIONS, CRACKING OF THE CONCRETE SUPERSTRUCTURE, SEPARATION OF THE CONCRETE DECK FROM THE STEEL STRINGERS, OR OTHER DAMAGE TO THE STRUCTURE IS VISUALLY OBSERVED, IMMEDIATELY CEASE THE JACKING OPERATION AND INSTALL SUPPORTS TO THE SATISFACTION OF THE ENGINEER. ANALYZE THE DAMAGE AND SUBMIT A METHOD OF CORRECTION TO THE ENGINEER FOR APPROVAL. EPOXY INJECT ALL BEAMS THAT SEPARATE FROM THE DECK FOR THE DISTANCE OF THE SEPARATION IN ACCORDANCE WITH C&MS 512.07. THE DEPARTMENT WILL NOT PAY FOR THE COST OF THIS EPOXY INJECTION OR OTHER REQUIRED REPAIRS. THE BRIDGE BEARINGS SHALL BE FULLY SEATED AT ALL CONTACT AREAS. IF FULL SEATING IS NOT ATTAINED, SUBMIT A REPAIR PLAN TO THE ENGINEER. THE DEPARTMENT WILL NOT PAY FOR THE REPAIR COSTS TO ENSURE FULL SEATING ON BEARINGS.

REMOVAL OF EXISTING AGGREGATE AND CONCRETE SLOPE PROTECTION AS NEEDED IS INCLUDED IN THIS ITEM.

THE DEPARTMENT WILL MEASURE THIS WORK ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN.

ITEM 848, SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1 3/4" THICK

ITEM 848, SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF CMS 511 AND SS 848, THE CONCRETE MIX OVERLAY SHALL HAVE 100% VIRGIN POLYPROPYLENE FIBERS IN FIBRILLATED NETWORK FORM. APPLICATION RATE SHALL BE 2 POUNDS PER CUBIC YARD OF CONCRETE AND FIBERS SHALL BE 1.25" MINIMUM IN LENGTH. FIBERS SHALL BE THOROUGHLY INCORPORATED INTO THE CONCRETE MIX IN SUCH A WAY THAT NO "BALLING" OCCURS. UPON INSPECTION OF THE MIX AT THE TIME OF PLACEMENT, IF ANY "BALLING" OCCURS, THE ENGINEER SHALL REJECT THE REMAINDER OF THE LOAD AT ANY TIME DURING THE POUR.

FIBERS SHALL BE ADDED AT THE BATCH PLANT PRIOR TO THE ADDITION OF ADMIXTURES IN ORDER TO MAXIMIZE CONCRETE MIXING TIME. FIBERS SHALL NOT AFFECT WATER-CEMENT RATIO, SLUMP OR THE ABILITY OF THE CONCRETE TO ACHIEVE 4,500 PSI MINIMUM CONCRETE STRENGTH.

SHOULD THE EXISTING VANDAL PROTECTION FENCE NEED TO BE REMOVED FOR SET UP OF CONCRETE FINISHING MACHINE AND/OR PLACEMENT OF OVERLAY, THE REMOVAL AND REINSTALLATION SHALL BE INCIDENTAL TO ITEM 848 – SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1 3/4" THICK.

ITEM SPECIAL 530, STRUCTURES - ADDITIONAL FALSEWORK

PRIOR TO HYDRODEMOLITION REMOVAL OF THE BRIDGE DECK WEARING SURFACE, INSTALL FALSEWORK ABOVE THE LANES AND SHOULDERS OF I-75 AND THE COLLECTOR-DISTRIBUTOR ROADS. FALSEWORK SHALL BE MINIMUM ¾" EXTERIOR GRADE PLYWOOD WITH 2" X 4" (NOMINAL) BRACES PLACED ON 24" CENTERS AND SUPPORTED ON THE STEEL GIRDER BOTTOM FLANGES. NO FALSEWORK WILL BE PERMITTED BELOW THE BOTTOM OF THE STEEL GIRDERS. SECURELY PLACE FALSEWORK SO THAT IT DOES NOT BECOME DISLODGED FROM TRAFFIC UPDRAFTS. DO NOT DAMAGE THE COATING ON THE EXISTING GIRDERS OR CROSS-FRAMES. REMOVE FALSEWORK AFTER CONSTRUCTION OF THE DECK OVERLAY.

PAYMENT FOR ADDITIONAL FALSEWORK WILL BE MADE ON THE UNIT PRICE BID PER SQUARE FOOT OF FALSEWORK INSTALLED. THE UNIT PRICE BID SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL FOR THE INSTALLATION.

ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN, AND ITEM 526 - TYPE C INSTALLATION, AS PER PLAN

CONSTRUCT THE APPROACH SLAB AND TYPE C INSTALLATION IN ACCORDANCE WITH C&MS 526, SCD AS-1-15 AND AS-2-15, AND THE DETAILS ON SHEETS 18, 19 & 20 / 22. INCLUDE THE CONCRETE MEDIAN AND TYPE 4A CURB FOR PAYMENT FOR ITEM 526 - REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN, AND ITEM 526 - TYPE C INSTALLATION, AS PER PLAN.

ITEM 601 – SLOPE PROTECTION, MISC.: GROUTING OF CRUSHED AGGREGATE SLOPE PROTECTION

THE INTENT OF THIS ITEM IS TO REPLACE EXISTING GROUT PADS UNDERNEATH BRIDGE SCUPPERS, REMOVED TO FACILITATE BRIDGE SUPERSTRUCTURE JACKING, BY GROUTING IN PLACE CRUSHED AGGREGATE SLOPE PROTECTION. THE GROUT SHALL BE MIXED AND PLACED IN ACCORDANCE WITH CMS 601.05. THE GROUT SHALL COMPLETELY FILL ALL VOIDS WITHIN THE 12-INCH THICK CRUSHED AGGREGATE SLOPE PROTECTION.

MEASUREMENT AND PAYMENT: ACCEPTED QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER CUBIC YARD OF GROUT PLACED. THIS PRICE SHALL INCLUDE FULL COMPENSATION FOR ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK IN CONFORMANCE WITH THESE REQUIREMENTS. REPLACEMENT OF CRUSHED AGGREGATE SLOPE PROTECTION SHALL BE PAID FOR SEPARATELY.


GENERAL NOTES
BRIDGE NO. WOO-795-2.270
S.R. 795 OVER I-75

SFN 8707219	
DESIGN AGENCY	
<div><div></div></div>	
DESIGNER DTC	CHECKER GRJ
REVIEWER GCB 10/03/25	
PROJECT ID 116205	
SUBSET 3	TOTAL 22
SHEET P.33	TOTAL 52

ESTIMATED QUANTITIES (01/BRO)										
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE	SHEET
202	11203	LS	LS	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					2 / 22	
202	22900	468	SY	APPROACH SLAB REMOVED				468		
503	11100	LS	LS	COFFERDAMS AND EXCAVATION BRACING						
503	21101	558	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN	558				2 / 22	
509	10000	41094	LB	EPOXY COATED STEEL REINFORCEMENT	10043		31051			
509	20001	200	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN			200		2 / 22	
509	30020	72	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			72			
510	10000	415	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	298		117			
511	33500	4	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	4					
511	34413	221	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN			221		2 / 22	
511	34450	17	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			17			
511	45710	82	CY	CLASS QC1 CONCRETE, ABUTMENT	82					
512	10050	213	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	32		181			
512	33000	85	SY	TYPE 2 WATERPROOFING			85			
514	27702	22	EACH	FIELD PAINTING, MISC.: COATING OF BEAM ENDS			22		3 / 22	
516	10010	219	FT	ARMORLESS PREFORMED JOINT SEAL				219		
516	13900	54	SF	2" PREFORMED EXPANSION JOINT FILLER			54			
516	14020	259	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	259					
516	46900	22	EACH	BEARING DEVICE, MISC.: ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), INSTALLATION ONLY			22		10 / 22	
516	47001	LS	LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					3 / 22	
518	21200	182	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	182					
518	40000	284	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	284					
518	40010	80	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	80					
526	25011	473	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN				473	3 / 22	
526	90031	219	FT	TYPE C INSTALLATION, AS PER PLAN				219	3 / 22	
SPECIAL	53000600	24340	SF	STRUCTURES - ADDITIONAL FALSEWORK			24340		3 / 22	
601	20010	98	CY	CRUSHED AGGREGATE SLOPE PROTECTION	98					
601	21060	296	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT				296		
601	21150	6	CY	SLOPE PROTECTION, MISC.: GROUTING OF CRUSHED AGGREGATE SLOPE PROTECTION				6	3 / 22	
607	35000	60	FT	FENCE REMOVED AND REBUILT				60	1 / 22	
848	10201	3735	SY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1 3/4" THICK			3735		3 / 22	
848	20000	3621	SY	SURFACE PREPARATION USING HYDRODEMOLITION			3621			
848	30201	40	CY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN			40		3 / 22	
848	50000	400	SY	HAND CHIPPING			400			
848	50100	LS	LS	TEST SLAB						
848	50200	2	CY	FULL-DEPTH REPAIR			2			
848	50320	327	SY	EXISTING CONCRETE OVERLAY REMOVED, 1 1/4" NOMINAL THICKNESS			327			

ESTIMATED QUANTITIES
BRIDGE NO. WOO-795-2.270
S.R. 795 OVER I-75

SFN
8707219
DESIGN AGENCY



DESIGNER
DTC

CHECKER
GRJ

REVIEWER
GCB 10/03/25

PROJECT ID
116205

SUBSET
4

TOTAL
22

SHEET
P.34

TOTAL
52



TYPE-1

TYPE-2

TYPE-3

TYPE-5

TYPE-13

TYPE-14

TYPE-16


TYPE-18

TYPE-23-MOD

TYPE-25

TYPE-30

- REINFORCING DETAILS
BRIDGE NO. WOO-795-2.270
S.R. 795 OVER I-75

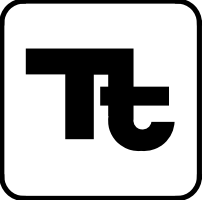
SFN 8707219	
DESIGN AGENCY 	
DESIGNER NJR	CHECKER GRJ
REVIEWER GCB 10/03/25	
PROJECT ID 116205	
SUBSET 21	TOTAL 22
SHEET P.51	TOTAL 52

MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS							MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
	REAR	FWD.	TOTAL				A	B	C	D	E	R	INC		REAR	FWD.	TOTAL				A	B	C	D	E	R	INC
RAILING (EPOXY COATED STEEL REINFORCEMENT - ECSR)														APPROACH SLAB MEDIANS (EPOXY COATED STEEL REINFORCEMENT - ECSR)													
R401	8	8	16	4' - 0"	43	STR								AS501	4	9	13	24' - 8"	334	STR							
R501	9	9	18	5' - 3"	99	23-MOD	7 ½"	2'-5"	2'-2"				2"	AS502	28	28	56	3' - 5"	200	2	1'-0"	1'-8"	1'-0"				
R502	38	38	76	3' - 0"	238	16	2'-5"							AS503	16		16	4' - 9"	79	STR							
R503	8	8	16	18' - 4"	306	STR								AS504		16	16	15' - 0"	250	STR							
R504	8	8	16	17' - 2"	286	STR								AS505	4	9	13	7' - 10"	106	30	10"	1'-9"	2'-4"	2'-4"			
R505	4	4	8	4' - 3"	35	STR								SUBTOTAL =				969									
R506	4	4	8	13' - 8"	114	STR																					
R507	4	4	8	13' - 8"	114	25	9'-11"	2'-4"	1'-4"	½"	5"																
R508	4	4	8	4' - 4"	36	STR																					
R509	8	8	16	3' - 2"	53	STR																					
R601	22	22	44	2' - 3"	149	13	8 ½"	8 ½"	6"	9"																	
R602	22	22	44	2' - 2"	143	16	1'-6"																				
R603	12	12	24	3' - 3"	117	14	1'-0"	10"	8 ½"	6"	9"																
R604	12	12	24	4' - 3"	153	1	1'-0"	3'-5"																			
R605	12	12	24	3' - 11"	141	1	1'-0"	3'-1 ½"																			
SUBTOTAL =				2,027																							
MARK	NUMBER			LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS																				
	REAR	FWD.	TOTAL				A	B	C	D	E	R	INC														
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)																											
R402	8	8	16	4' - 6"	72' - 0"	STR																					
SUBTOTAL =				72' - 0"																							

REINFORCING DETAILS
BRIDGE NO. WOO-795-2.270
S.R. 795 OVER I-75

SFN
8707219

DESIGN AGENCY



DESIGNER
NJR

CHECKER
GRJ

REVIEWER
GCB 10/03/25

PROJECT ID
116205

SUBSET
22

TOTAL
22

SHEET
P.52

TOTAL
52