

BOARD OF COUNTY COMMISSIONERS WARREN COUNTY, OHIO

406 Justice Drive, Lebanon, Ohio 45036 www.co.warren.oh.us commissioners@co.warren.oh.us

Telephone (513) 695-1250 Facsimile (513) 695-2054

TOM GROSSMANN SHANNON JONES DAVID G. YOUNG

ENTER INTO CONTRACT WITH BRUMBAUGH CONSTRUCTION, INC. FOR THE SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT

WHEREAS, pursuant to Resolution 21-0326, adopted March 9, 2021, this Board approved a Notice of Intent to Award Contract for the Springboro Road Bridge #41-2.49 Rehabilitation Project to Brumbaugh Construction, Inc., for a total bid price of \$257,764.00; and

WHEREAS, all documentation, including performance bonds, insurance certificates, etc., has been submitted by the contractor; and

NOW THEREFORE BE IT RESOLVED, to enter into contract with Brumbaugh Construction, Inc., 3520 St. Rt. 49, Arcanum, OH 45304 for said project, for a total contract price of \$257,764.00; as attached hereto and made a part hereof.

Mrs. Jones moved for adoption of the foregoing resolution being seconded by Mr. Grossmann. Upon call of the roll, the following vote resulted:

Mr. Young – yea Mr. Grossmann – yea Mrs. Jones – yea

OMB Bid file

Resolution adopted this 23rd day of March 2021.

		BOARD OF COUNTY COMMISSIONERS
		Tina Osborne, Clerk
lkl/		
cc:	c/a— Brumbaugh Construction, Inc Engineer (file)	



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TOM GROSSMANN SHANNON JONES DAVID G. YOUNG

APPROVE NOTICE OF INTENT TO AWARD BID FOR THE SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT

WHEREAS, bids were closed at 9:00 a.m., March 2, 2021, and the bids received were opened and read aloud for the Springboro Road Bridge #41-2.49 Rehabilitation Project and the results are on file in the Commissioners' Office; and

WHEREAS, upon review of such bids by Dominic Brigano, Warren County Bridge Engineer, Brumbaugh Construction, Inc. has been determined to be the lowest and best bidder; and

NOW THEREFORE BE IT RESOLVED, upon recommendation of Dominic Brigano, that it is the intent of this Board to award the bid to Brumbaugh Construction, Inc. for a total bid price of \$257,764.00; and

BE IT FURTHER RESOLVED, that the President of the Board is hereby authorized to execute a "Notice of Intent to Award."

Mr. Grossmann moved for adoption of the foregoing resolution being seconded by Mrs. Jones. Upon call of the roll, the following vote resulted:

Mr. Young – yea Mrs. Jones – yea Mr. Grossmann – yea

Re

esolution adopted this 9 th day of March 2	021.
	BOARD OF COUNTY COMMISSIONERS
	Tina Osborne, Clerk
_/	

LL

Engineer (file) cc: OMB Bid file



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Telephone (513) 695-1250 Facsimile (513) 695-2054 TOM GROSSMANN
SHANNON JONES
DAVID G. YOUNG

BID OPENING

March 02, 2021

BID OPENING – Springboro Road Bridge #41-2.49 Rehabilitation Project

Bids were closed at 9:00 a.m. a.m. this 2nd day of March and the following bids were received, opened and read aloud for the Springboro Road Bridge #41-2.49 Rehabilitation Project for the Warren County Engineer's Office:

Brumbaugh Arcanium, OH	\$257,764.00
Sunesis Construction West Chester, OH	\$277,966.99
John R. Jurgensen Cincinnati, OH	\$309,121.55
Ford Development Corp. Cincinnati, OH	\$288,008.00
Eagle Bridge Co. Sidney, OH	\$289,628.61
DDK Construction Cincinnati, OH	\$313,971.80
W.E. Smith Construction Blanchester, OH	\$282,840.80
Double Z Construction Columbus, OH	\$294,982.69

Dominic Brigano, Warren County Assistant Bridge Engineer will review bids for a recommendation at a later date.

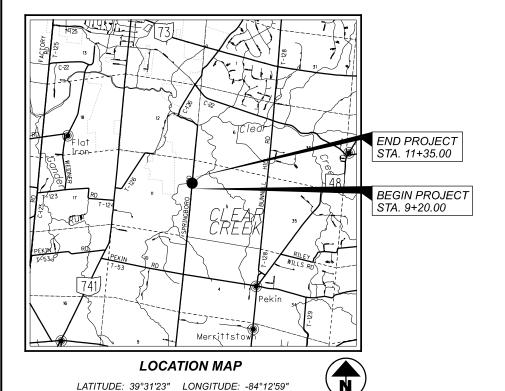
cc: Bid File OMB Engineer (file)

PLAN HOLDERS LIST

Springboro Road Bridge #41-2.49 Rehabilitation Project

Individuals or companies can be added to the plan holders list by contacting Kiana Hawk at kiana.hawk@co.warren.oh.us

Name Company		Phone Number	E-mail Address
Sean Wade	Eagle Bridge	937.492.5654	smw@eaglebridge.net
Troy Myers	Brumbaugh	937.692.5107	troy@brumbaughconstruction.com
	Construction		
Andrea Strunk	Sunesis	513.326.6000	astrunk@sunesiscc.com
	Construction Co.		
Rahsaan Jackson	Ford Development	513.772.1521	rahsaan@forddevelopment.com
	Corp.		
Kendra	W.E. Smith	513.507.1433	Kendracorsmeier.wesmith@yahoo.com
Corsmeier	Construction		
Roger Cadle	Prus Construction	513.321.7774	rcadle@prus.us
Rob Dierig	John R Jurgensen	513.771.0820	Rob.dierig@jrjnet.com
Rob Hollen	Sunesis	513.326.6000	rhollen@sunesiscc.com
	Construction		
Justin Guzzo	Double Z	614.274.2700 x407	justinguzzo@doublez.com
	Construction		
Tom Scheidt	DDK Construction	513.479.5768	burgerschedit@aol.com



PORTION TO BE IMPROVED ______ INTERSTATE HIGHWAY STATE ROUTES _______ OTHER ROADS _______

DESIGN DESIGNATION

CURRENT ADT (2020) 150	0
DESIGN YEAR ADT (2040)	0
DESIGN HOURLY VOLUME (2040) 198	
DIRECTIONAL DISTRIBUTION)
TRUCKS (24 HOUR B&C)	2
DESIGN SPEED 55 M	ΛРН
LEGAL SPEED 55 M	ЛРН
DESIGN FUNCTIONAL CLASSIFICATION:	
07 - LOCAL ROAD	
NHS PROJECT NO	

DESIGN EXCEPTIONS

WAR-CR41-2.49

SPRINGBORO ROAD CLEARCREEK TOWNSHIP WARREN COUNTY

INDEX OF SHEETS:

STRUCTURES OVER 20' SPAN

WAR-CR41-0249

TITLE SHEET	1
TYPICAL SECTIONS GENERAL NOTES	2 3
MAINTENANCE OF TRAFFIC	<i>4 - 5</i>
GENERAL SUMMARY	6 - 7
ESTIMATED QUANTITIES	8
PLAN AND PROFILE	9
CROSS SECTIONS	10 - 17
GUARDRAIL PLAN INSERT SHEETS	18 - 23
TRAFFIC CONTROL PLAN	24 - 25

26 - 33

SUPPLEMENTAL

SPECIAL

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

SUPERSTRUCTURE REPLACEMENT OF BRIDGE WAR-CR41-0249 OVER BULL RUN. PROJECT INCLUDES MINIMAL APPROACH WORK, GUARDRAIL REPLACEMENT, SIGNING AND STRIPING. NO WORK WILL OCCUR IN-STREAM.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.6 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.2 ACRES NOTICE OF INTENT EARTH DISTURBED AREA:

2019 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.

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig **✓** Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

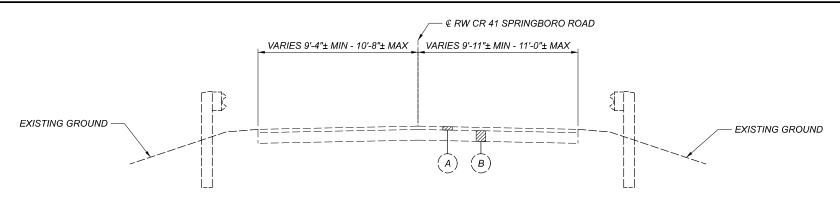
PLAN PREPARED BY:

PALMER ENGINEERING
R 8550 EAST KEMPER ROAD - SUITE B
CINCINNATI, OH 45249
CINCINNATI - AKRON - TALLAHASEE-ORLANDO

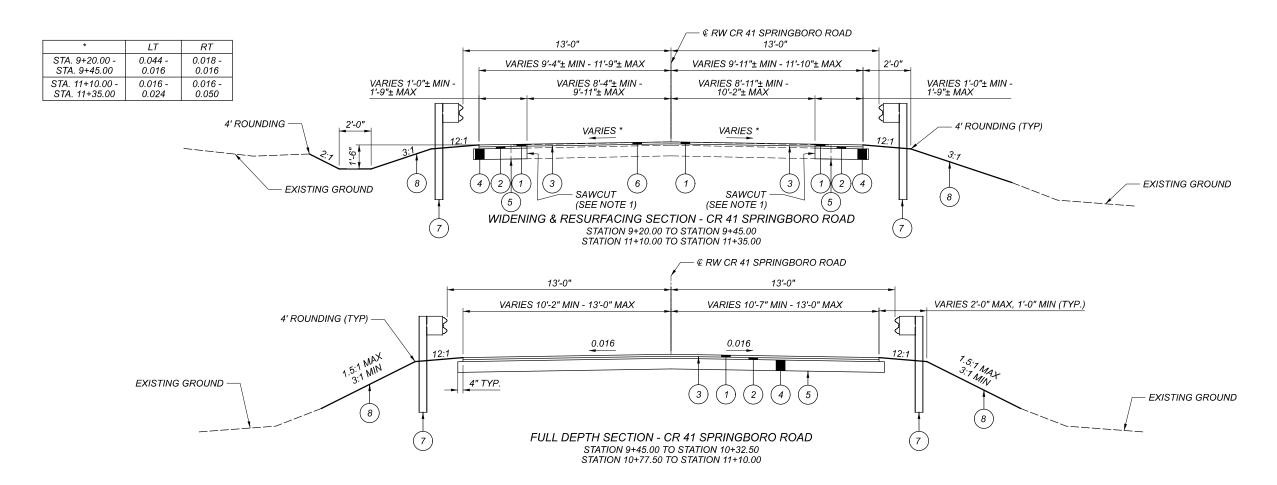
			STANDARD	CONSTRUCTIO	N DRAWINGS	SUPPLEMEN SPECIFICATI		SPECIAL PROVISIONS
	BP-3.1	01/17/20				800-2020 10/	/16/20	
						832 10/	/19/18	
	DM-4.3	1/15/16						
ENGINEER'S SEAL:	DM-4.4	1/15/16					\Box	
LINGINELING SEAL.							\Box	
· MIIIII	DBR-2-73	7/19/02						
TATE OF OHIGH	DS-1-92	7/18/03						
BRONSON FUNKE E-61820	PSBD-2-07	7/20/18						
E A RKONSON X								
FUNKE WE	MT-101.60	1/17/20						
E-61820	MT-105.10	1/17/20						
SONAL ENGLIS								
William.	TC-61.30	7/19/19						
SIGNED: Bennage								
DATE: <u>12-22-120</u>								
_						 		

. WARREN COUNTY COMMISSIONER
. WARREN COUNTY COMMISSIONER
. WARREN COUNTY COMMISSIONER
. WARREN COUNTY ENGINEER





EXISTING SECTION - CR 41 SPRINGBORO ROAD



NOTES

1) THE EXISTING PAVEMENT EDGES SHALL BE SAW CUT TO LOCATE A SOUND PAVEMENT EDGE OR 1'-0" MINIMUM PER SEC. 203.04 OF THE C&MS. FOR ESTIMATING PURPOSES, PAVEMENT QUANTITY CALCULATIONS INDICATE AN AVERAGE WIDTH OF 1 FT. OF EXISTING PAVEMENT BEING REPLACED.

<u>LEGEND</u>

- ITEM 441 11/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22
- ITEM 441 $1\frac{1}{2}$ " ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) PG64-22
- (3) ITEM 407 - TACK COAT @ 0.10 GAL/SY
- ITEM 304 8" ASPHALT CONCRETE BASE, PG64-22

- ITEM 204 SUBGRADE COMPACTION
- ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (11/2")
- ITEM 606 GUARDRAIL, TYPE 5, WITH LONG POSTS
- ITEM 659 SEEDING AND MULCHING

EXISTING LEGEND

- 2½"± ASPHALT CONCRETE SURFACE
- (B)8"± ASPHALT CONCRETE BASE



DPF BJF 10/09/20 410249

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ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

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

WATER AND SANITARY:
WARREN COUNTY WATER & SEWER
406 JUSTICE DRIVE
LEBANON, OH 45036
CHRIS WOJNICZ: 513-695-1646
christopher.wojnicz@co.warren.oh.us

ELECTRIC: DUKE ENERGY 2010 DANA AVENUE, ROOM EF324 CINCINNATI, OH 45207 TROY DITTMER: 513-458-3844; 513-504-0082 (MOBILE) Troy.Dittmer@Duke-Energy.com

GAS: ENTERPRISE PIPELINE GAS 2700 HART ROAD LEBANON, OH 45036 JOSEPH MEADE: 513-933-4407; 513-502-5717 (MOBILE) jjmeade@eprod.com

TELECOMMUNICATIONS: AT&T 7201 FAR HILLS AVENUE DAYTON, OH 45459 HOWARD LAUDERMILK: 937-296-3588 h11596@att.com

CABLE T.V.: CHARTER SPECTRUM 10920 KENWOOD ROAD CINCINNATI, OH 45242 KENT RIEGER: 513-386-5499 kent.rieger@charter.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

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON WCEO PROJECTS. SEE SHEET 3 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 VRS
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID12A

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 ELLIPSOID: GRS80

MAP PROJECTION: LAMBERT CONFORMAL CONIC COORDINATE SYSTEM: OHIO STATE PLANE SOUTH

COMBINED SCALE FACTOR: 0.999974241

ORIGIN OF COORDINATE

SYSTEM: 0,

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

UNITS ARE IN U.S. SURVEY FEET.

SEEDING AND MULCHING

QUANTITIES ARE PROVIDED ON THE GENERAL SUMMARY TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS.

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.

MONUMENT TABLE

NAME	ALIGNMENT NAME	STATION	OFFSET (sft)	RT/LT	NORTH (sft)	EAST (sft)	ELEVATION (sft)	FEATURE	POINT TYPE	DESCRIPTION		E
SV1	CLX_CR041	10+20.87	13.93	LT	559361.540	1484318.483	816.97	IPINS		Iron Pin Set	1	PF
SV352	CLX_CR041	10+81.03	14.51	RT	559418.915	1484352.182	813.34	MAGS		MAG Nail Set]	SH
	_			-							4	,



410249 HEET TOTAL 3 33 BEFORE THE WORK BEGINS. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF THE PERSON OR PERSONS WHO CAN BE CONTACTED (24) HOURS PER DAY BY THE WARREN COUNTY ENGINEER AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN THE INGRESS AND EGRESS

TO THE DRIVES WITHIN OR NEAR THE PROJECT WORK LIMITS AT ALL TIMES BY THE USE OF THE EXISTING AND PROPOSED PAVEMENT AND DRIVES.

TWO NOTICE OF CLOSURE SIGNS (W20-H14-60), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. THESE SIGNS SHALL STATE THE FOLLOWING:

SPRINGBORO ROAD WLL BE CLOSED FOR 12 WEEKS STARTING <EXACT CLOSURE DATE>

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM

DURATION OF CLOSURE SIGN DISPLAYED TO PUBLIC

RAMP &	> 2 WEEKS	14 CALENDAR DAY
ROAD	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS
CLOSURE	< 12 HOURS	2 BUSINESS DAYS

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS. AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

SEE SHEET 5 FOR LOCATIONS

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC. UNLESS SEPARATELY ITEMIZED IN THE PLAN.

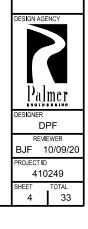
DETOUR SIGNING

THE CONTRACTOR SHALL ERECT, MAINTAIN AND REMOVE THE DETOUR SIGNING AS SHOWN ON SHEET 5. THE PAYMENT FOR ALL THE MATERIAL, LABOR AND EQUIPMENT TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY THE WARREN COUNTY ENGINEER TWO (2) WEEKS PRIOR TO BEGINNING WORK.

ALL LOCAL SCHOOLS AND EMERGENCY SERVICES WHICH ARE LIKELY TO UTILIZE THIS SEGMENT OF CR 41 (SPRINGBORO ROAD) ARE TO BE NOTIFIED OF THE DETOUR NOT LESS THAN TWO (2) WEEKS PRIOR TO THE ROAD CLOSURE.

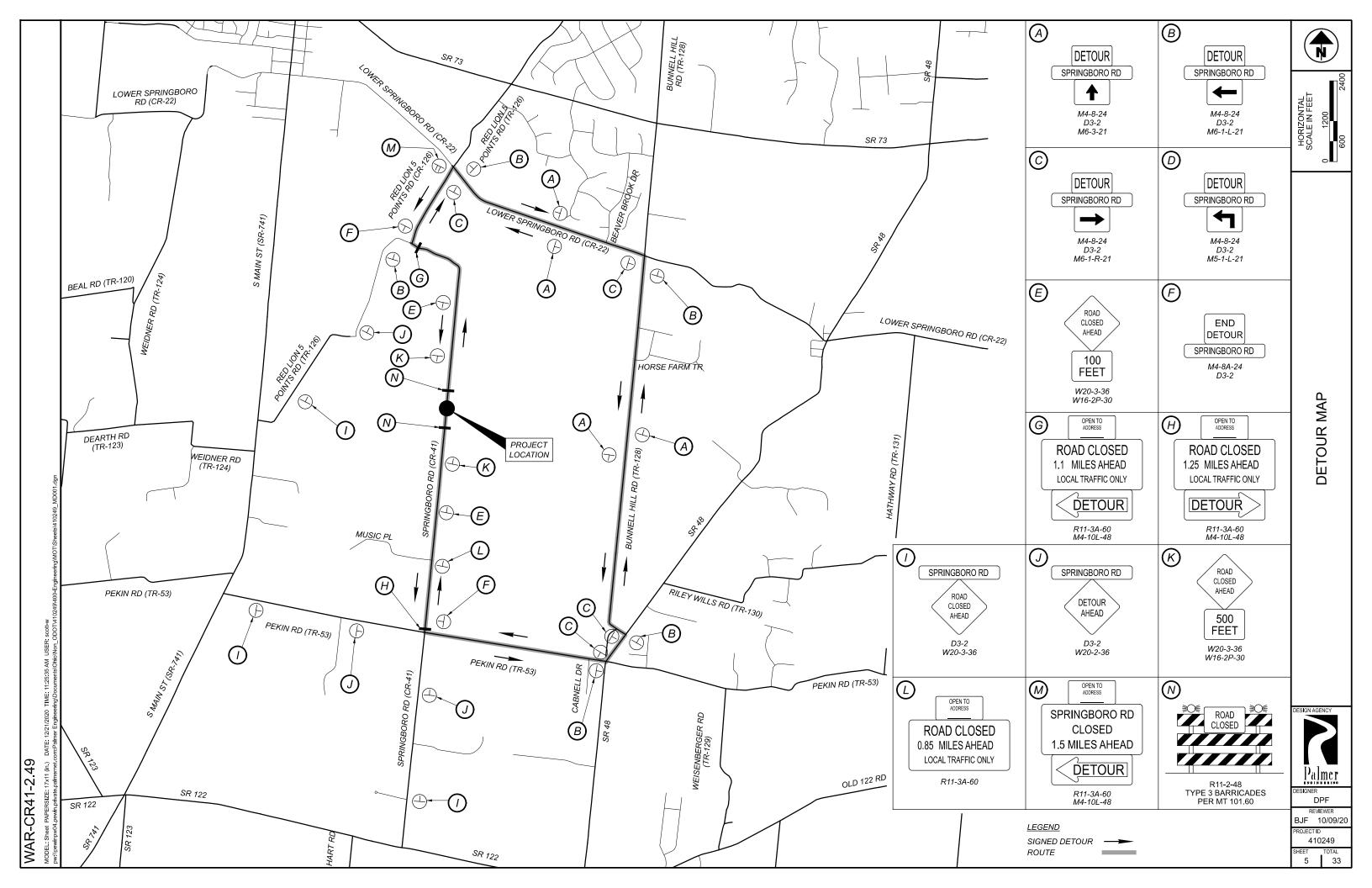


NOT I

TRAFFIC

OF

MAINTENANCE



WAR-CR41-2.49
MODEL: Sheet PAPERSIZE: 17x11 (in.) DA
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USER: 8	Ohio\Non
2.29.30 PM	cuments/
TIME: 2:3	eering\Do
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'x11 (in.)	almernet.
PERSIZE: 17	private pa
t PAP	4 pewin
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				RC	ADWAY SL	<i>JBSUMMAF</i>	? Y				
							2	02		606	
REF. NO.	SHEET NO.	STAT	ΓΙΟΝ	SIDE	LENGTH	PLAN AREA	GUARDRAIL REMOVED	PIPE REMOVED, 24" AND UNDER	GUARDRAIL, TYPE 5, (USING 9 FOOT POSTS)	ANCHOR ASSEMBLY, TYPE E (USING 9 FOOT POSTS)	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (USING 9 FOOT POSTS)
		FROM	ТО				FT	FT	FT	EACH	EACH
R1	9	10+09.76	11+23.98	LT	115.22		116				
R2	9	10+10.40	11+12.37	RT	102.82		103				
R3	9	9+91.00	10+05.00	LT	16.00			16			
R4	9	10+11.00	10+21.00	RT	15.00			15			
R5	9	9+20.00	10+44.64			2196.34					
R6	9	10+64.87	11+35.00			1054.52					
GR1	9	8+43.51	10+30.92	RT	187.50				137.50	1	1
GR2	9	9+43.51	10+30.92	LT	87.50				37.50	1	1
GR3	9	10+79.07	11+66.48	RT	87.50				37.50	1	1
GR4	9	10+79.07	11+66.0	LT	87.50				25.00	1	1
		TOTAL	S CARRI	ED TO	SENERAL S	SUMMARY	219	31	237.5	4	4

CROSS SECTION SUBSUMMARY

			659	2	03	
SHEET NO.	STAT	TION	SEEDING AND MULCHING	EXCAVATION	EMBANKMENT	
	FROM	TO	SY	CY	CY	
10	8+25.00	8+75.00	0	0	0	
11	9+00.00	9+25.00	32	12	3	
12	9+50.00	10+00.00	152	80	49	
13	10+25.00	10+31.50	54	35	22	
14	10+78.50	11+25.00	73	74	19	
15	11+35.00	11+75.00	42	1	4	
16	12+00.00	12+50.00	0	0	0	
17	12+75.00	-	0	0	0	
C	DLUMN TOT	ALS	353	202	97	

TOTALS CARRIED TO GENERAL SUMMARY

203 - EXCAVATION	202	CY
203 - EMBANKMENT	97	CY
659 - SEEDING AND MULCHING	353	SY
659- REPAIR SEEDING AND MULCHING	18	SY
659 - TOPSOIL	39	CY
659 - INTER-SEEDING	18	SY
659 -COMMERCIAL FERTILIZER	0.05	TON
659 - LIME	0.07	ACRE
659 - WATER	2	MGAL



REVIEWER BJF 10/09/20

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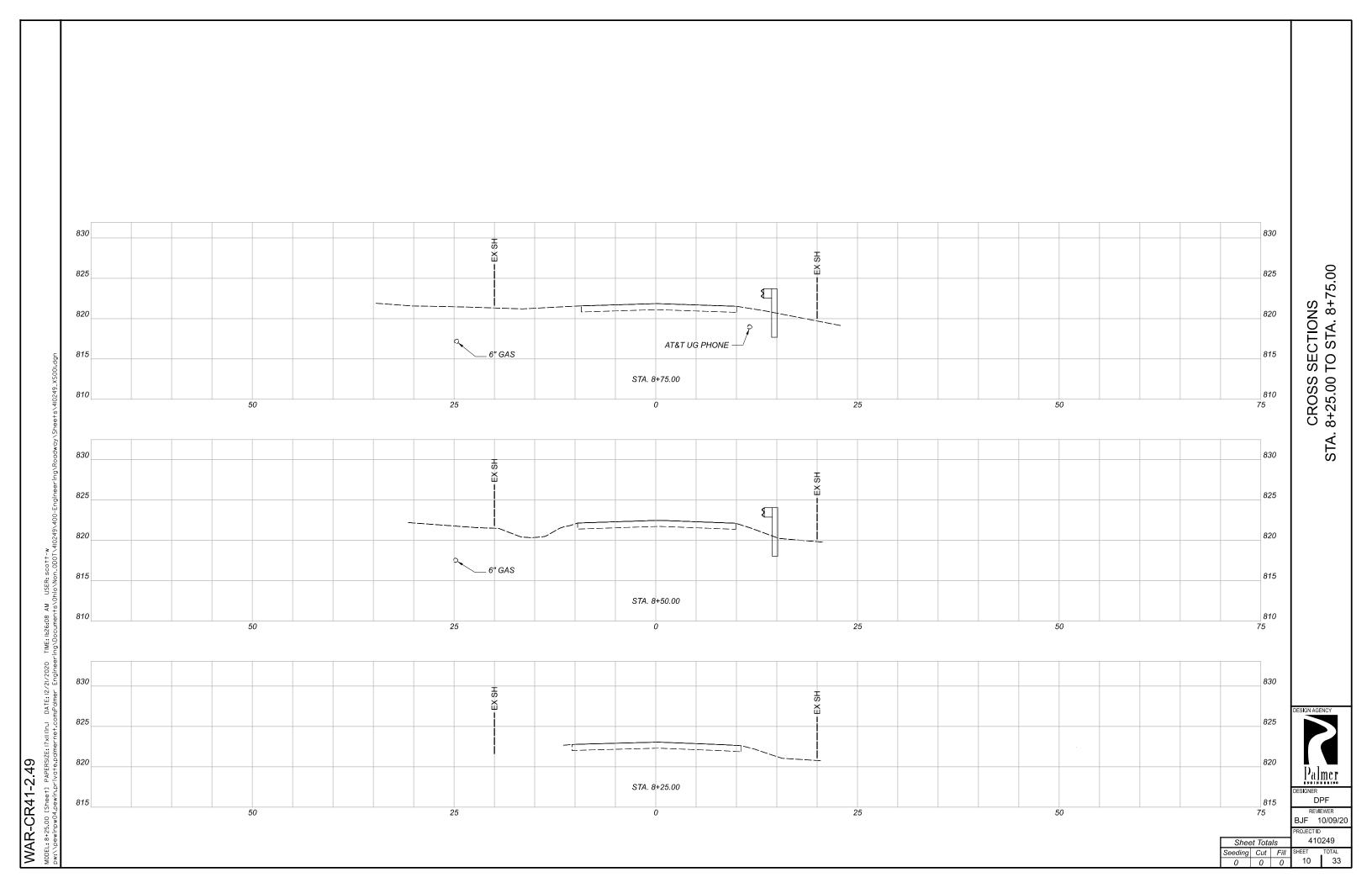


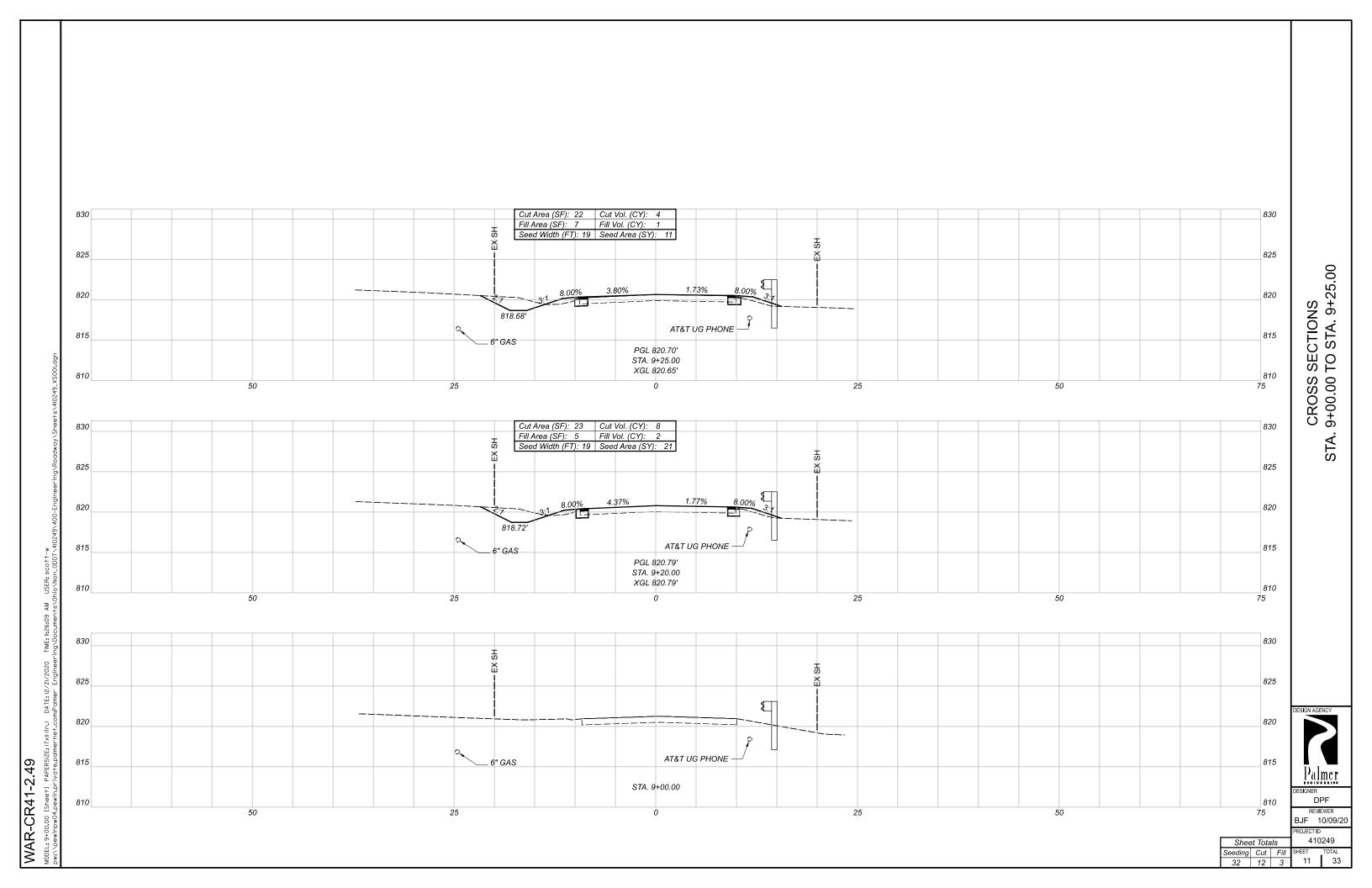
HORIZONTAL SCALE IN FEET

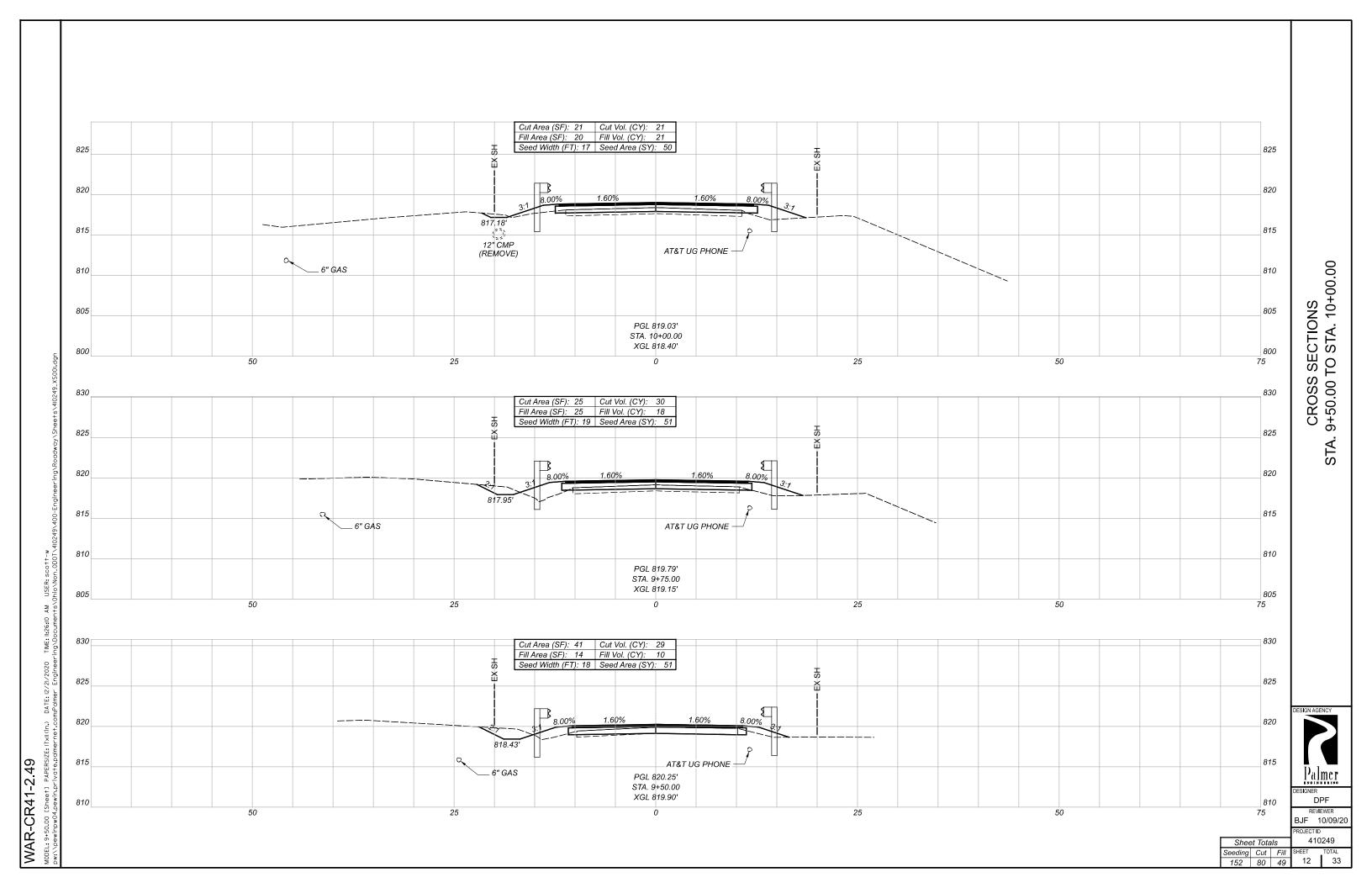
PLAN AND PROFILE 8+00.00 TO STA. 13+00.00

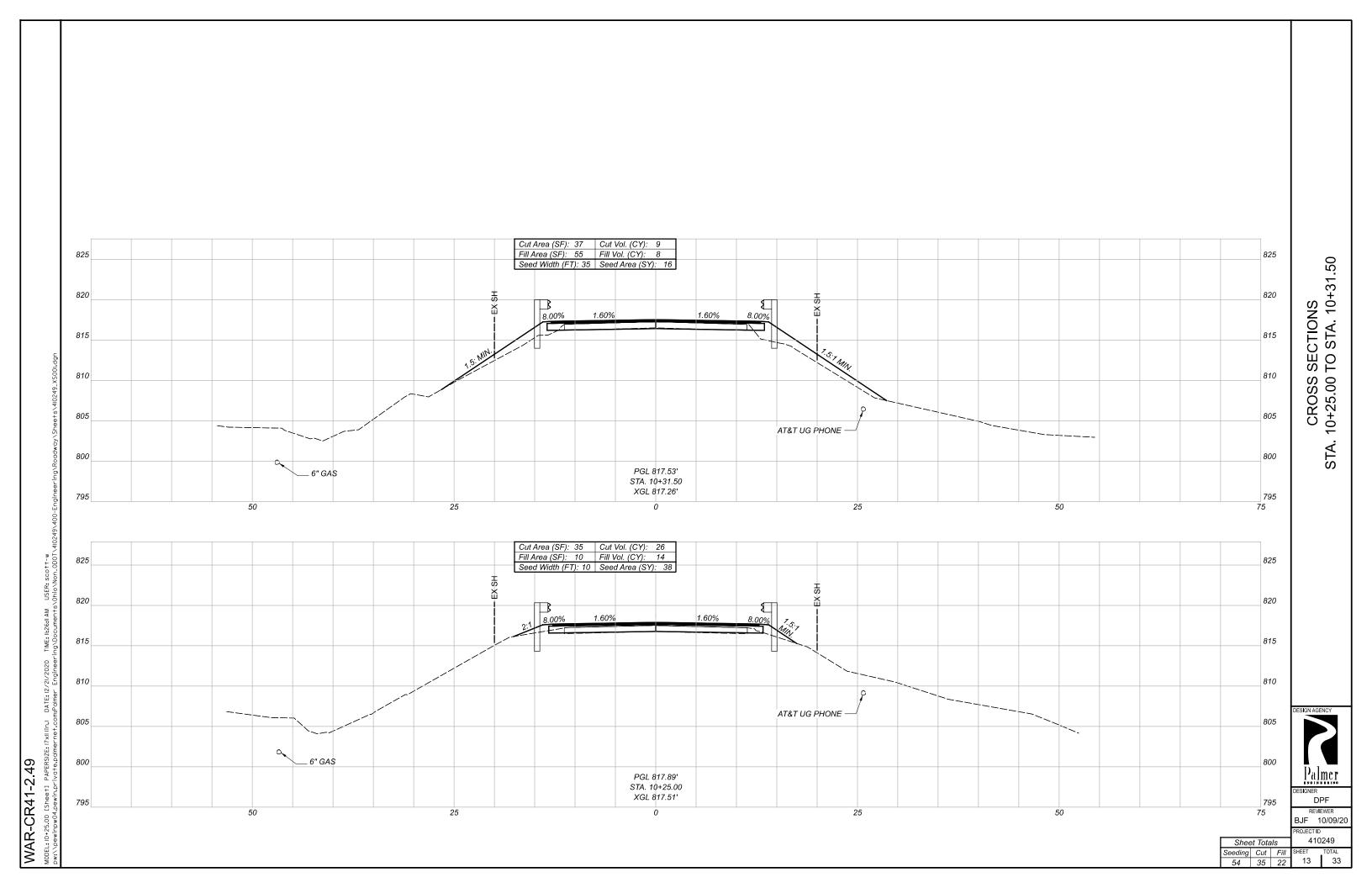


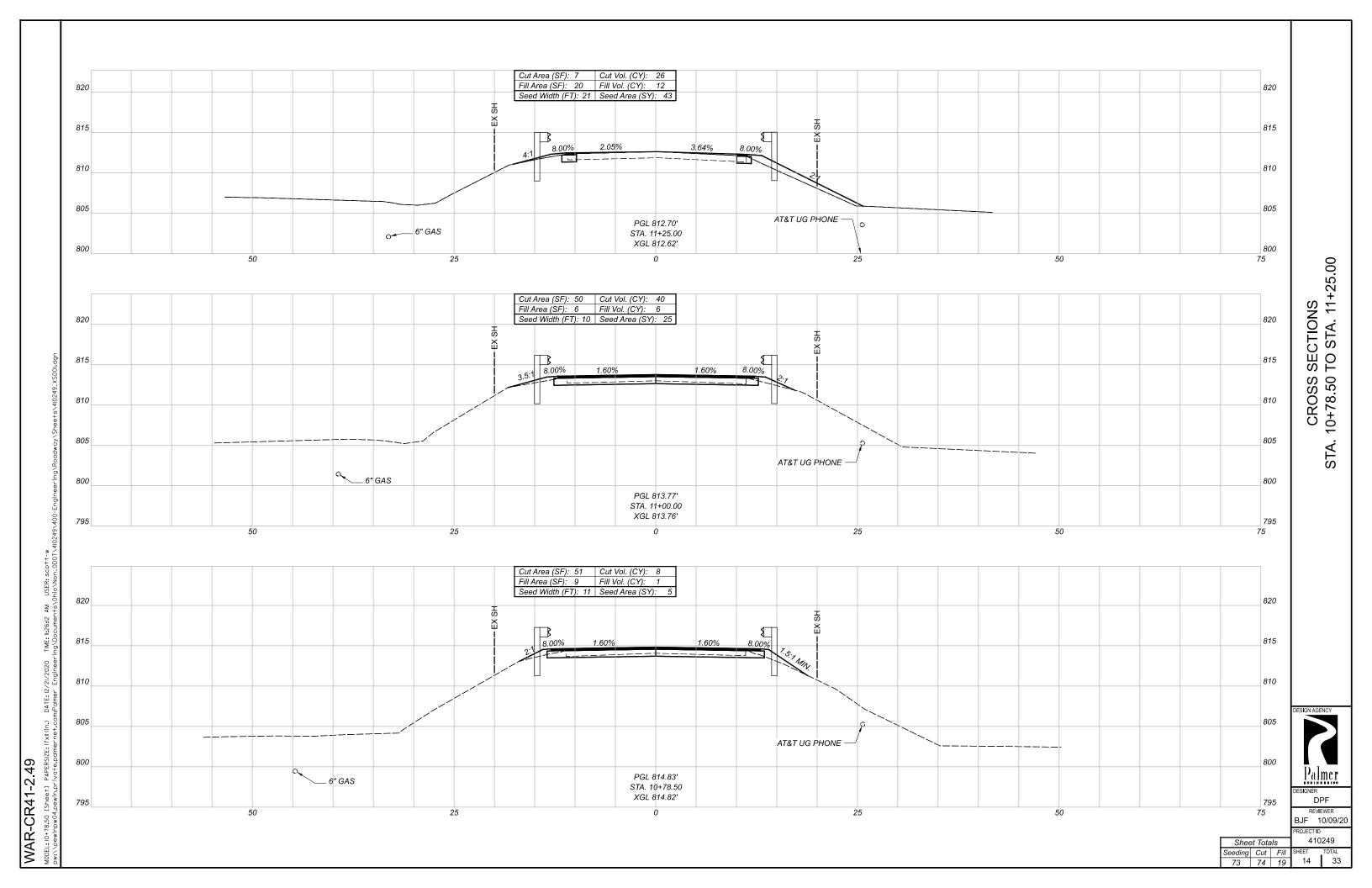
410249 SHEET TOTAL 9 33

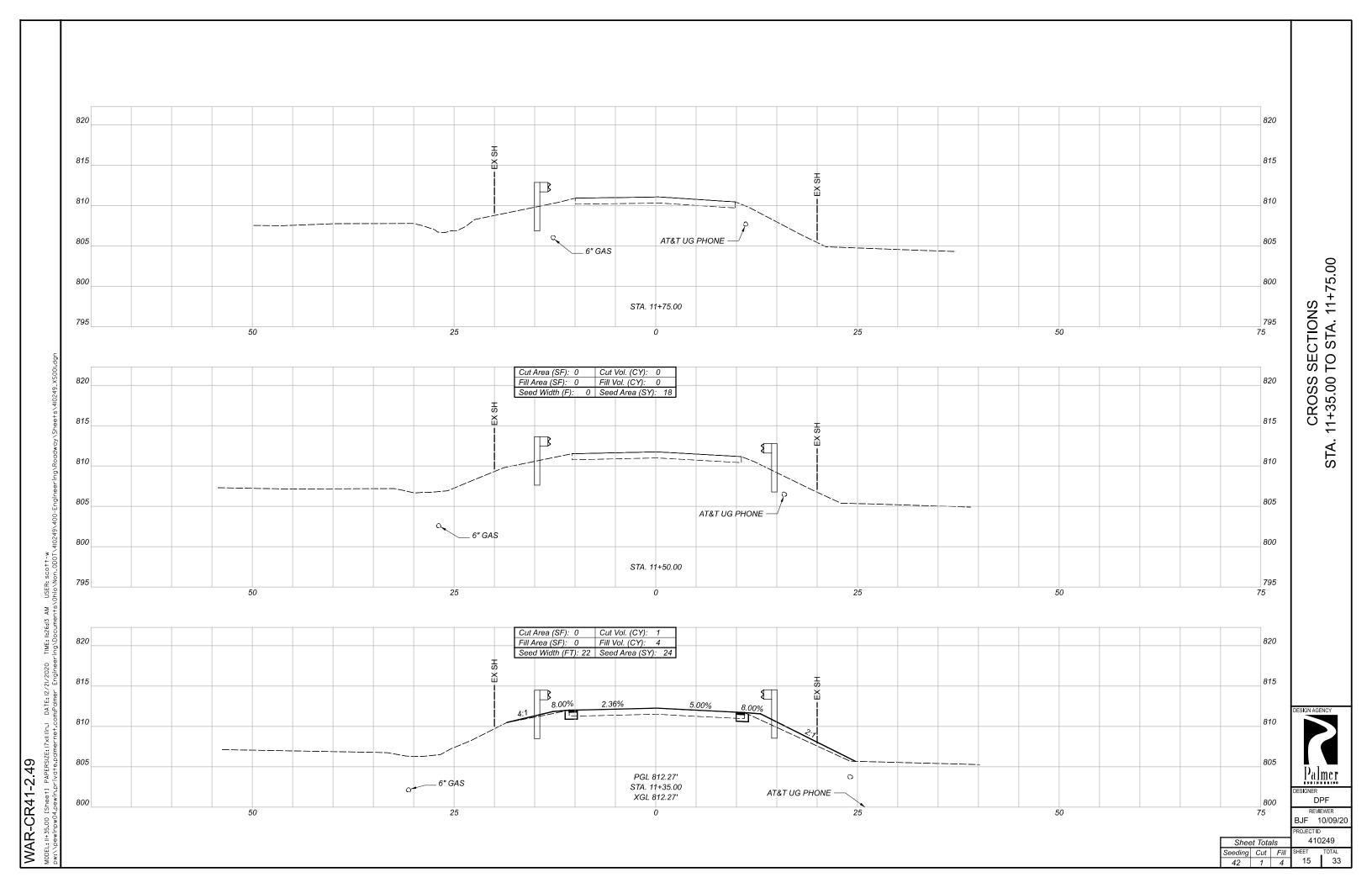


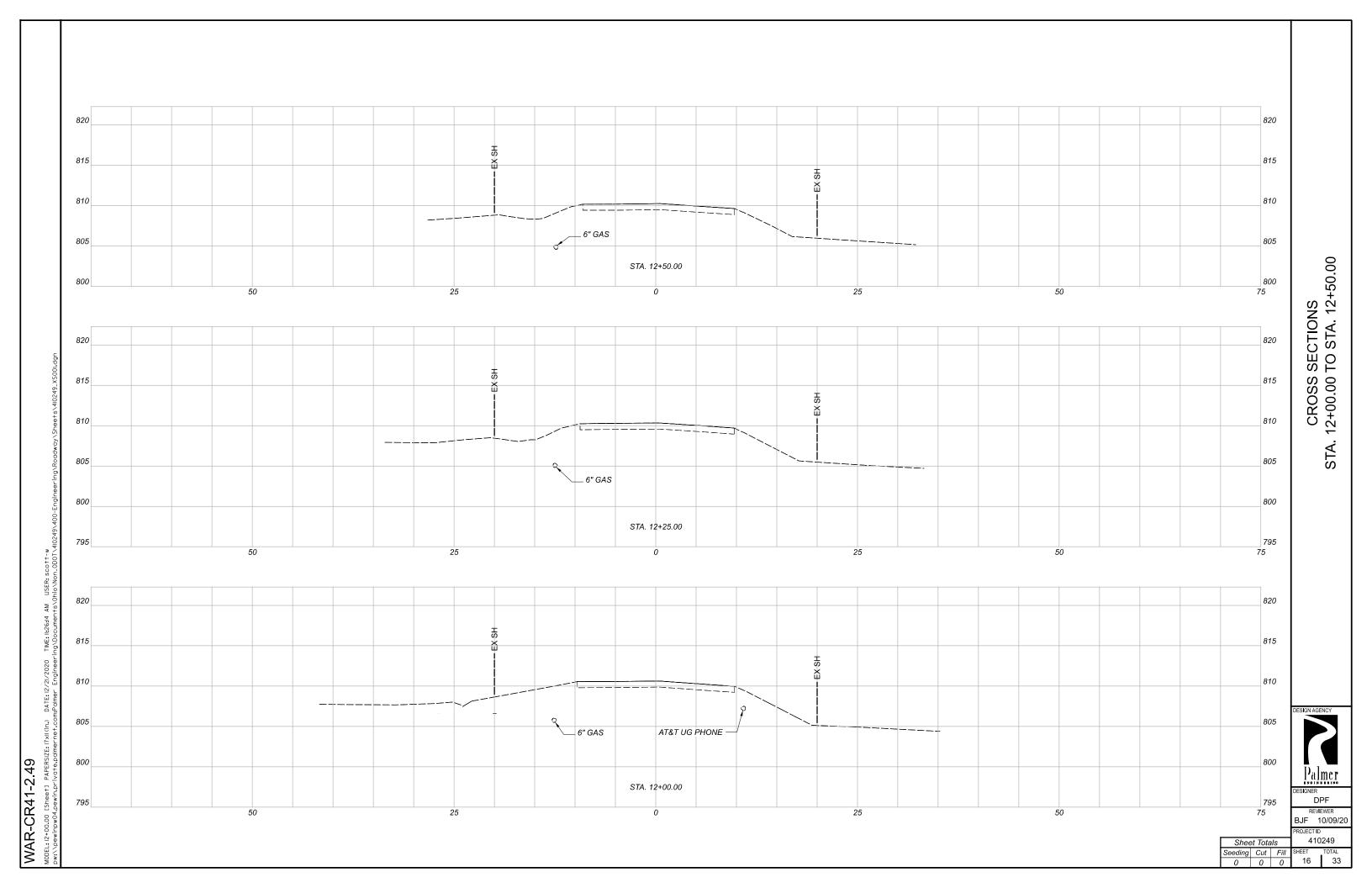


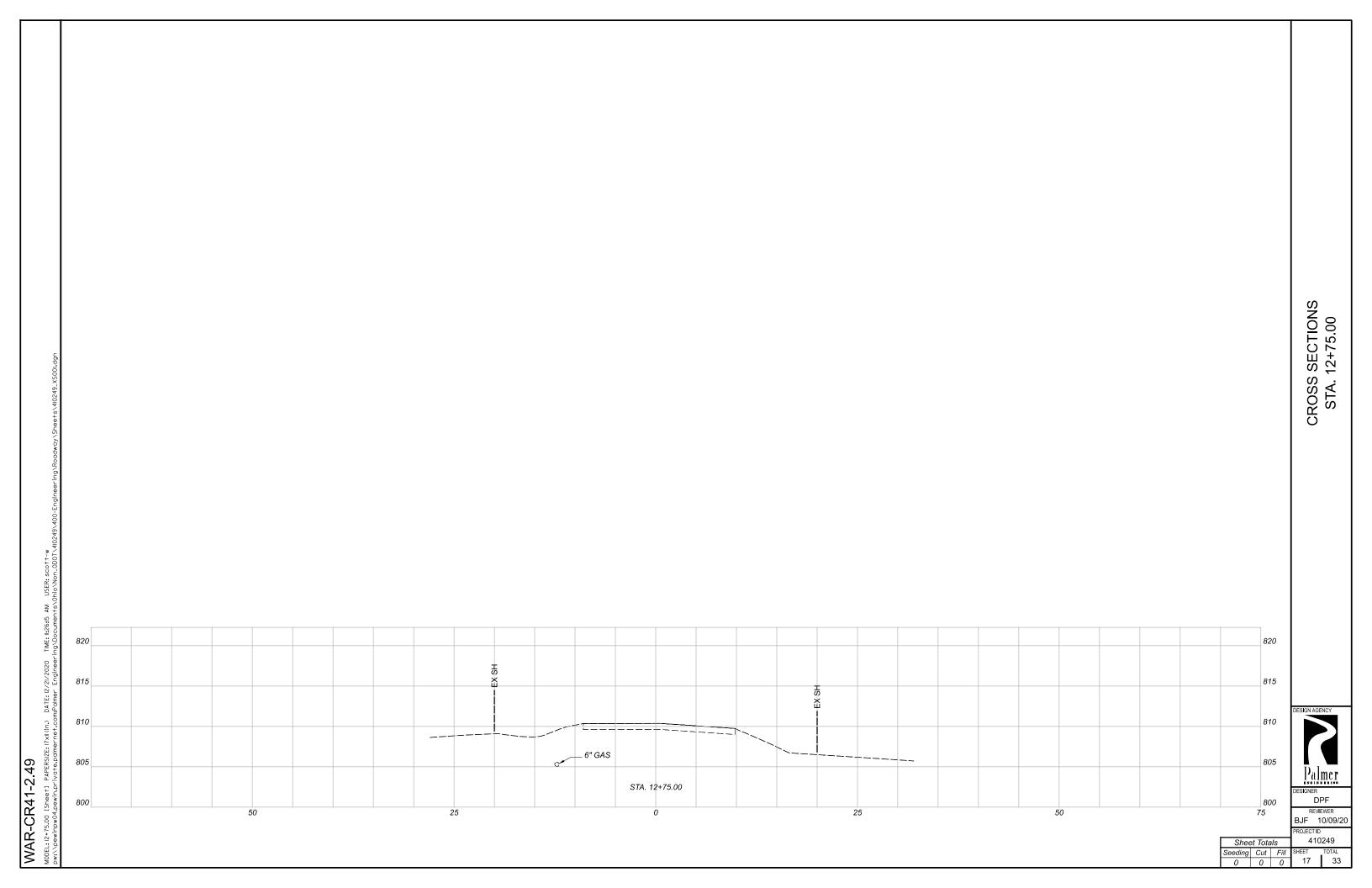


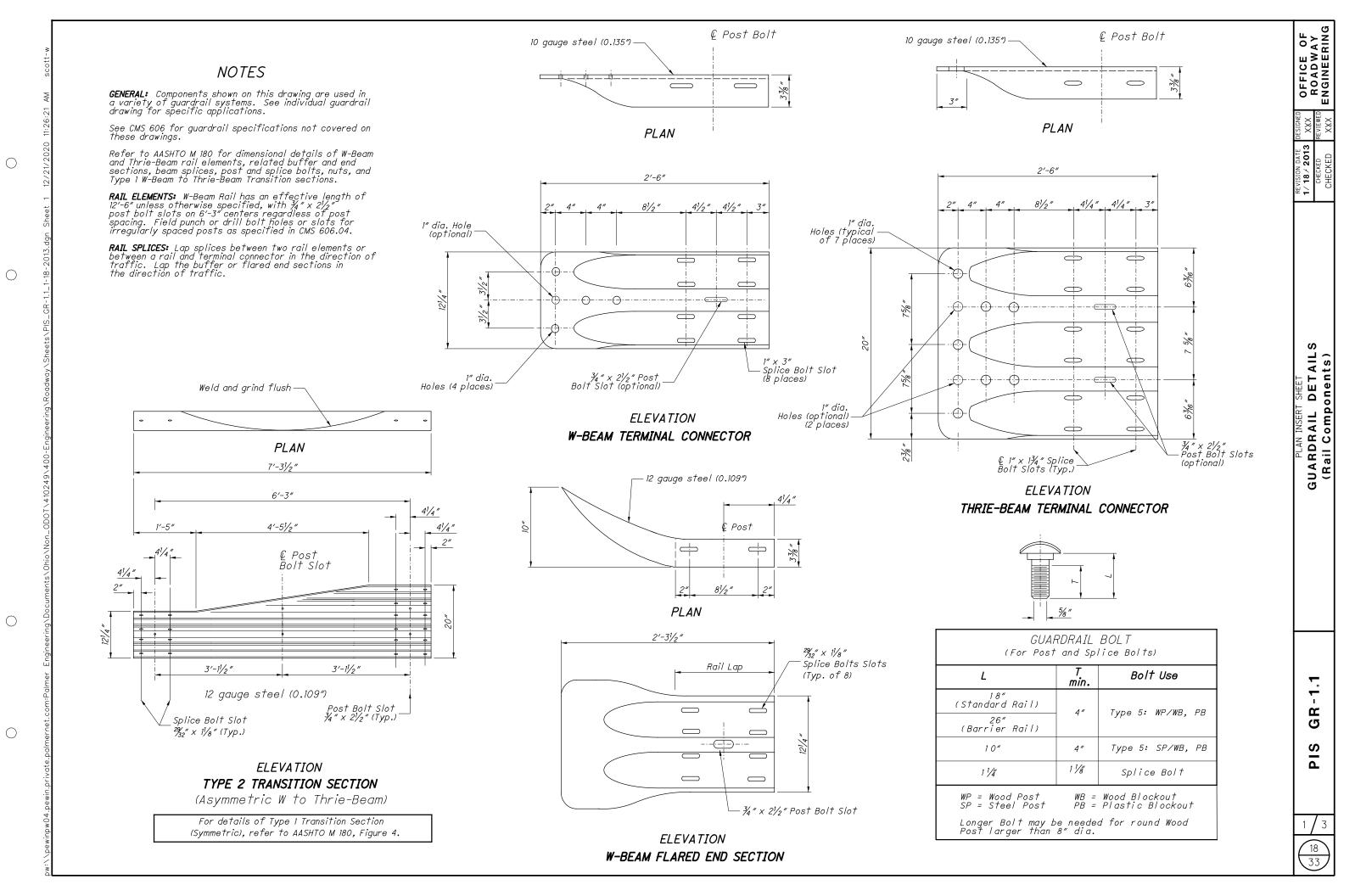












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MEASURING GUARDRAIL HEIGHT

OFFICE OF ROADWAY ENGINEERING

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SIDE

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PLAN INSERT SHEET

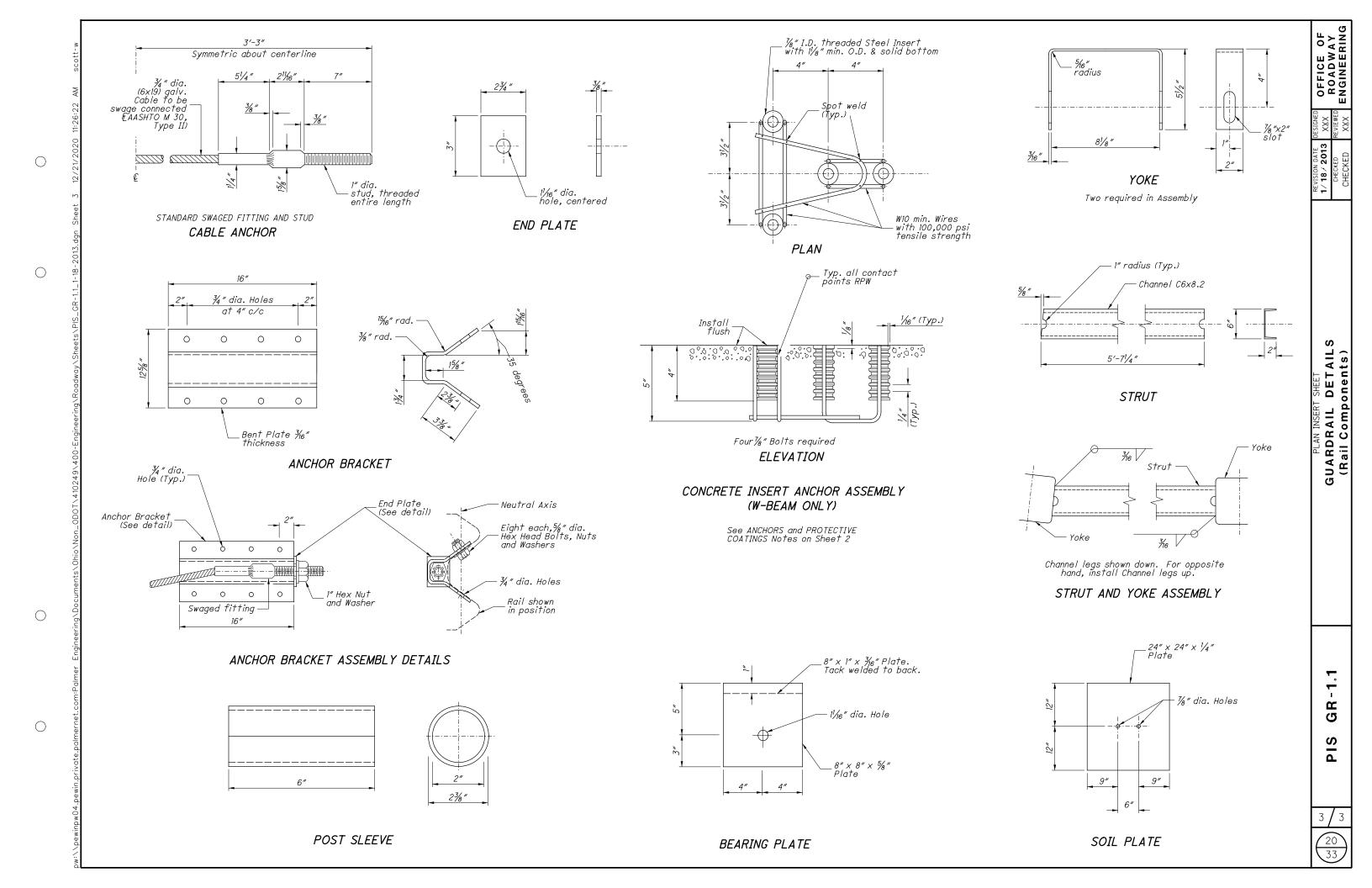
GUARDRAIL DETA

(Rail Components

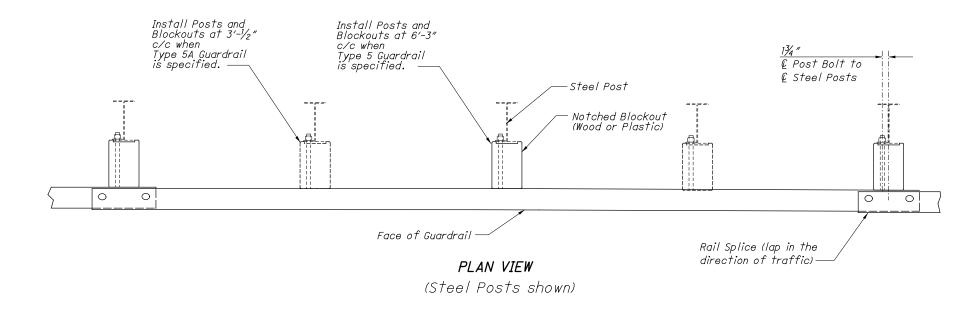
 $\mathbf{\alpha}$ G S

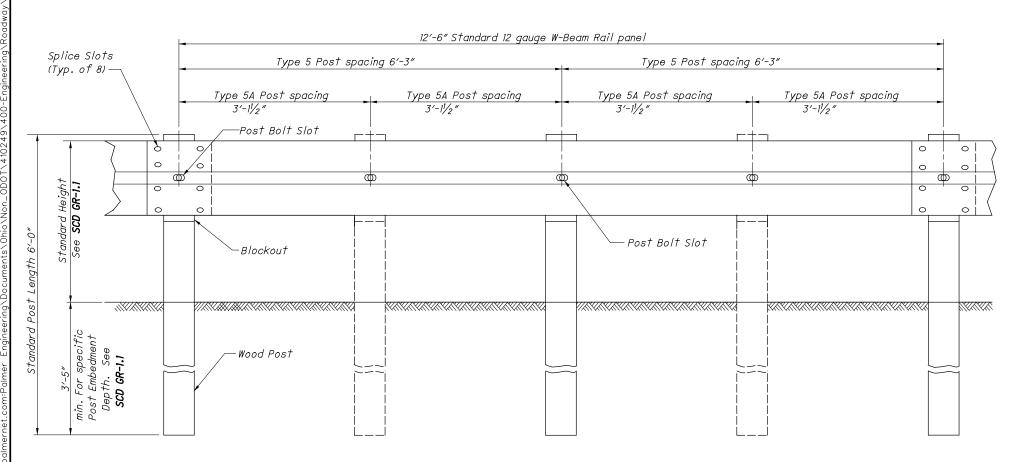
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See SPECIAL POST MOUNTINGS Note.



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ELEVATION (Wood Posts shown)

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RAIL: Use W-Beam rail meeting AASHTO M 180 Type II Class A, as specified in CMS 606.

NOTES

POSTS: Posts may be constructed of wood or steel. Wood posts may be round or 6"x8" square-sawed.

Use round wood posts on runs of single-sided rail. The round posts shall be 8"+1 in diameter at the top.

Use round wood posts on runs of single-sided rail. The round posts shall be 8″±1 in diameter at the top and not more than 3″ larger at the butt with a uniform taper.

Fabricated wood posts with square ends. Posts shall be pressure-treated as per CMS 710.14. Bore bolt holes and, if required, trim the tops of posts after the posts are set.

Steel posts are to be W6x9 or W6x8.5 galvanized steel. Use the same type of post throughout the length of the project unless otherwise specified in the plans or permitted by the Engineer.

All posts are 6'-0" long unless specified otherwise in the Contract Document. Posts may be set in drilled holes or may be driven to grade.

WELDED BEAM POSTS: Welded beam guardrail posts may be used for Item 606, Guardrail, provided the web and flange sizes are as shown here. Welding of the web to the flanges must comply with ASTM A 769, Class 1, using Grade 36 steel [250 MPa yield point] with the following exceptions:

- Sec. 7.2 Test reports of tensile properties for each lot shall accompany each shipment.
- Sec. 12 Beams that have imperfections repaired by welding shall not be accepted for use in Item 606.
- c. 13 Random samples shall be tested by the Department from materials delivered to the project site, or other locations designated by the Laboratory.

ALTERNATE POSTS: Engineered guardrail posts having met NCHRP 350 criteria, and listed on the **Office of Materials Management's** Approved List are permitted as an equal alternate when installed according to the Manufacturer's instructions and within the limitations shown on the Approved List.

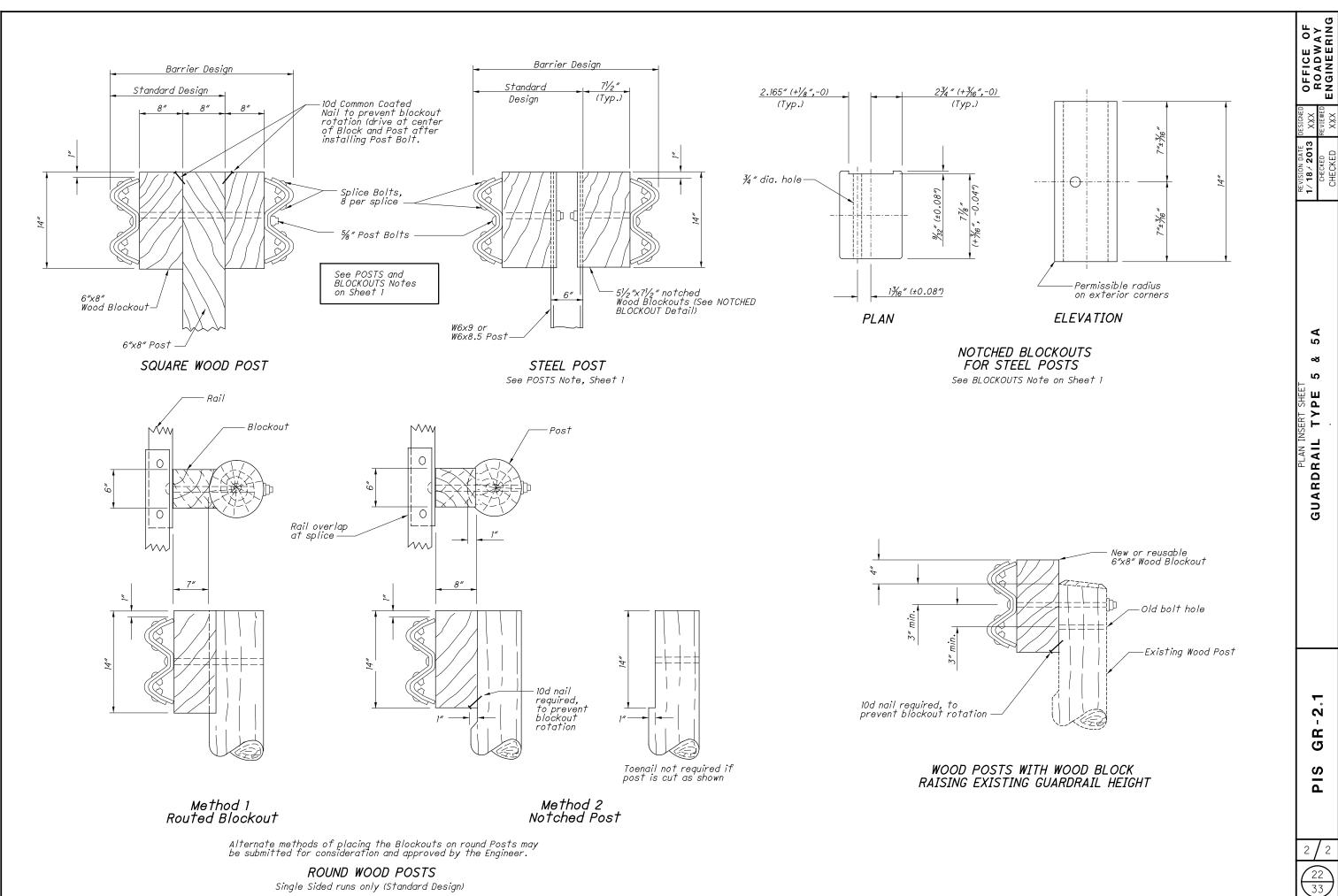
BLOCKOUTS: Blockout dimensions are dependent on post used. Wood Blockouts are to be pressure treated as specified in CMS 710.14. Bore bolt holes. Approved alternate blockouts may be used in lieu of the wood blockouts shown. The approved list is maintained by the **Office of Roadway Engineering.**

WASHERS: Install appropriate sized standard galvanized steel washers on the nut side of bolts installed on wood posts.

DELINEATION: For barrier reflectors, see CMS 626.

MISCELLANEOUS: For other guardrail details, see SCD GR-1.1.

STEEL BEAM POSTS (English)									
Size	Beam depth	Flange width	Flange thickness	Web thickness					
Rolled W6x8.5	5.8"	3.94"	0.193"	0.170"					
Rolled W6x9	5.9"	3.94"	0.215"	0.170"					
Welded 6x8.5	6.0"	3.94"	0.193"	0.170"					
Welded 6x9	6.0"	3.94"	0.215"	0.170"					



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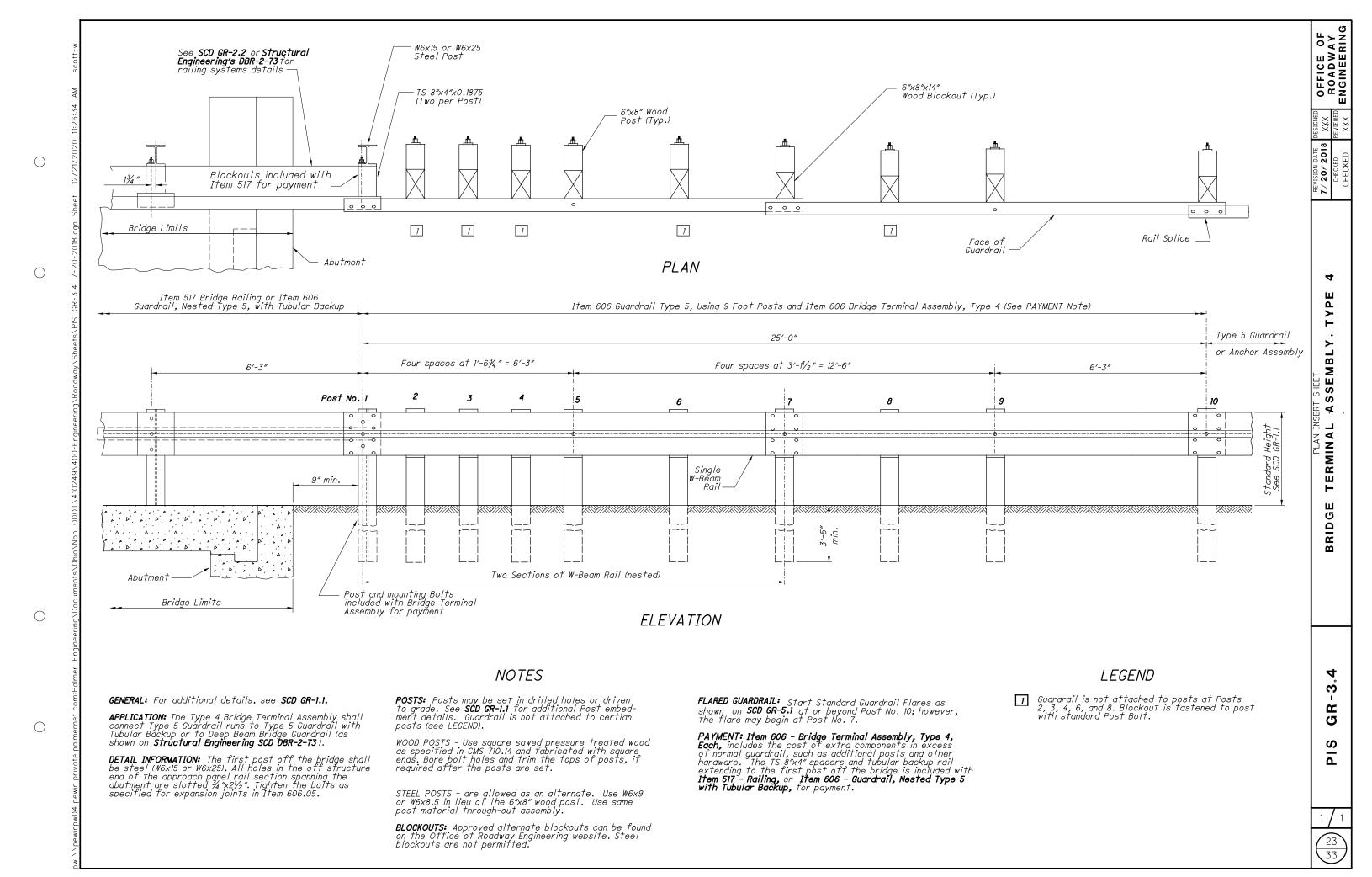
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GUARDRAIL



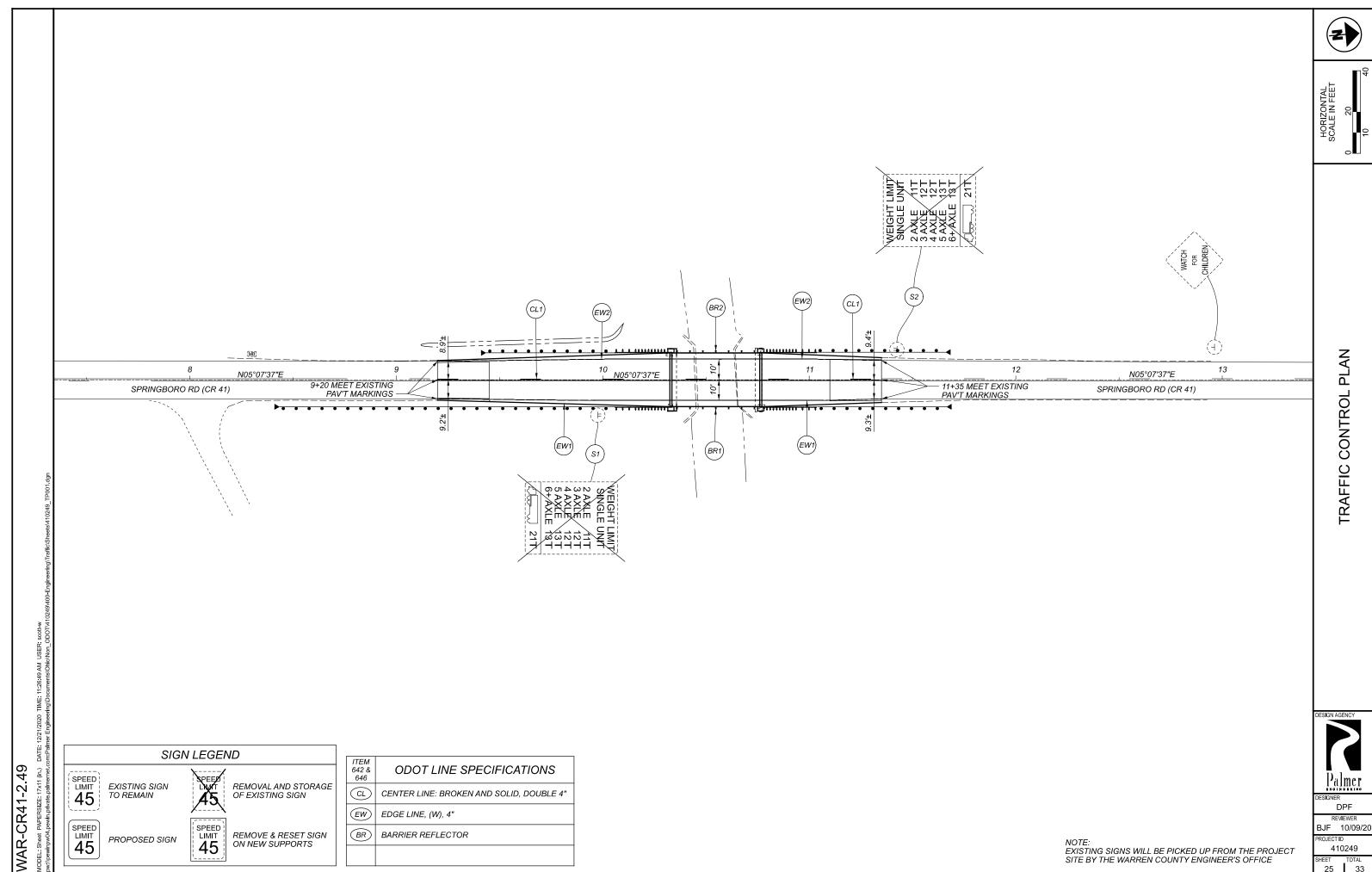
WAR-CR41-2.49

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 12/21/2020 TIME: 11:26:40 AM USER: scott-w
pw://pewinpw/04.pewin.pn/vate.palmernet.com:/Palmer Engineering/Documents/Orio/Non_ODOTA1

						6	42	6-	46	626				
REF. NO.	SHEET NO.	STATION		STATION		STATION		LENGTH	SIDE/ LOCATION	EDGE LINE (W) 4"	CENTER LINE: BROKEN AND SOLID, DOUBLE, 4"	EDGE LINE (W) 4"	CENTER LINE: BROKEN AND SOLID, DOUBLE, 4"	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL
		FROM	TO			MILE	MILE	MILE	MILE	EACH				
CL1	27	9+20.00	11+35.00	215.00	CL		0.04		0.01					
EW1	27	9+20.00	11+35.00	215.00	RT	0.04		0.01						
EW2	27	9+20.00	11+35.00	215.00	LT	0.04		0.01						
BR1	27	8+43.51	11+66.48	322.97	RT					8				
BR2	27	9+43.51	11+88.50	244.99	LT					6				
	TOTALS CARRIED TO GENERAL SUMMARY							0.02	0.01	14				

						630		
REFERENCE NO.	SHEET NO.	STATION	LOCATION/ DESCRIPTION	CODE	SIZE (INCHES)	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE		
						EA		
S1	27	9+98	RT - WEIGHT LIMITS			1		
S2	27	11+42	LT - WEIGHT LIMITS			1		
TOTALS CARRIED TO GENERAL SUMMARY								





SHEET TOTAL 25 33

WAR-CR41-2.49

BENCHMARK DATA

OFFSET 13.93', LEFT BM #1 STA. 10+20.87, ELEV. 816.97, BM #2 STA. ELEV. 813.34, OFFSET 14.51', RIGHT BM #3 STA. ELEV. OFFSET BM #4 STA. ELEV. OFFSET

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2020 ADT = 1500 2040 ADT = 1800 DIRECTIONAL DISTRIBUTION = 0.60

EXISTING STRUCTURE

TYPE: PRESTRESSED CONCRETE BOX BEAMS WITH ASPHALT WEARING SURFACE ON REINFORCED CONCRETE ABUTMENTS WITH HP12X53 PILES

SPANS: 41'-0"±

ROADWAY: 24'-0"± F/F RAILING

LOADING: HS20-44

SKEW: 0°

WEARING SURFACE: ASPHALT OVERLAY

APPROACH SLABS: NONE ALIGNMENT: TANGENT CROWN: NORMAL

STRUCTURAL FILE NUMBER: 8331774

DATE BUILT: 1995

DISPOSITION: SUPERSTRUCTURE TO BE REPLACED

PROPOSED STRUCTURE

TYPE: PRESTRESSED CONCRETE BOX BEAMS WITH COMPOSITE CONCRETE DECK ON EXISTING REINFORCED CONCRETE ABUTMENTS WITH HP12X53 PILES

SPANS: 41'-6" C/C BEARING

ROADWAY: 26'-0" FACE/FACE RAILING

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: NONE ALIGNMENT: TANGENT CROWN: 0.016 DECK AREA: 1157 SF

COORDINATES: LATITUDE 39° 31' 23.67" LONGITUDE 84° 12' 53.35"

BRIDGE NO. WAR-CR41-0249 SPRINGBORO ROAD OVER BULL RUN SITE PLAN

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HORIZONTAL SCALE IN FEET

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

REVISED DBR-2-73 07-19-02 PSBD-2-07 REVISED 07-20-18 REVISED 07-18-03 DS-1-92

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL, 2007.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE "I RED BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 8TH EDITION, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN LOADING:

HL-93 AND FUTURE WEARING SURFACE (FWS) OF 60 PSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4500 PSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4000 PSI (SUBSTRUCTURE)

REINFORCING STEEL - MINIMUM YIELD STRENGTH 60,000 PSI CONCRETE FOR PRESTRESSED BEAMS:

COMPRESSIVE STRENGTH (FINAL) = 5500 PSI

COMPRESSIVE STRENGTH (RELEASE) = 4000 PSI

PRESTRESSING STRAND

AREA = 0.167 sg in

ULTIMATE STRENGTH = 270 KSI

INITIAL STRESS = 202.5 KSI (LOW RELAXATION STRAND)

DECK PROTECTION METHOD:

EPOXY COATED REINFORCING STEEL 21/2" CONCRETE COVER STEEL DRIP STRIP SRS TREATMENT SEALING OF CONCRETE SURFACES

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED. FOR DESIGN PURPOSES. TO BE 1" THICK

ITEM 202 PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

THE ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE

AFTER THE SUPERSTRUCTURE REMOVAL, REMOVE EXISTING BEAM ANCHOR DOWELS FROM ABUTMENT SEATS BY CORING THE CONCRETE AROUND THE DOWELS. REMOVE EXISTING ABUTMENT WINGWALLS AND BACKWALLS. IF PRESENT, DOWN TO THE EXISTING BEAM SEAT ELEVATIONS.

THE USE OF EXPLOSIVES, HEADACHE BALLS, AND/OR HOE RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL AND THE WEIGHT OF THE HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE, OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILD STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

NOTE THAT THE ACTUAL WIDTH AND DEPTH OF THE EXISTING ABUTMENT CONCRETE BACKWALLS IS UNKNOWN. REMOVE SUFFICIENT WIDTH OF EXISTING BACKWALL BEYOND THE ENDS OF THE PROPOSED END DIAPHRAGMS AND DEPTH BELOW BEAM SEATS TO ALLOW FOR INSTALLATION OF A MINIMUM WIDTH OF 2' OF ITEM 304 SELECT GRANULAR BACKFILL AS SHOWN IN SECTION A-A ON SHEET 6/8.

MEASUREMENT AND 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, AS PER PLAN.

CONSTRUCTION JOINT PREPARATION

INSTALL DOWEL BARS, AS 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. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

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 CMS SECTIONS 102.05 AND 105.02 BASE CONTRACT BID PRICES ON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE

BEARING PAD SHIMS:

PLACE 1/8" THICK PREFORMED BEARING PAD SHIMS. PLAN AREA 12" X 12", UNDER THE ELASTOMERIC BEARING PADS WHERE REQUIRED FOR PROPER BEARING. FURNISH TWO SHIMS PER BEAM. THE DEPARTMENT WILL MEASURE THIS ITEM BY THE TOTAL NUMBER SUPPLIED. THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516 - 1/4" PREFORMED BEARING PADS. ANY UNUSED SHIMS WILL BECOME THE PROPERTY OF THE WARREN COUNTY ENGINEER.

DECK PLACEMENT DESIGN ASSUMPTIONS

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURES ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2,236 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103 INCHES.

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 INCHES.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 59 INCHES.



RUN

BULL

OVER

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BRIDGE NO. \

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WAR-CR41-O ROAD OVE

NOTES

GENERAL

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ESTIMATED QUANTITIES		CALCULATED: MJS DATE: 10/7/2020		CHECKED: LAB DATE: 10/7/2020				
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SUB	SUPER	GENERAL	SHEET
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				21
202	23500	112	SY	WEARING COURSE REMOVED			112	
304	20000	27	CY	AGGREGATE BASE	27			
503	21300	LS		UNCLASSIFIED EXCAVATION				
509	10000	6,276	LB	EPOXY COATED REINFORCING STEEL	417	5,859		
510	10000	16	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	16			
511	31610	35	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE	CONCRETE. SUPERSTRUCTURE 35			
511	45710	4	CY	CLASS QC1 CONCRETE, ABUTMENT	4			
512	10100	70	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	30	40		
512	10400	122	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS		122		
515	12050	6	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-48, 42.5' LONG		6		
516	10000	52	FT	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL			52	
516	13600	29	SF	1" PREFORMED EXPANSION JOINT FILLER			29	
516	14014	61	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	61			
516	41100	12	EACH	1/8" PREFORMED BEARING PAD	12			
516	43200	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (12"x12"x2.95")	24			
517	72300	99	FT	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS)		99		
SPECIAL	51822300	113	FT	STEEL DRIP STRIP		113		

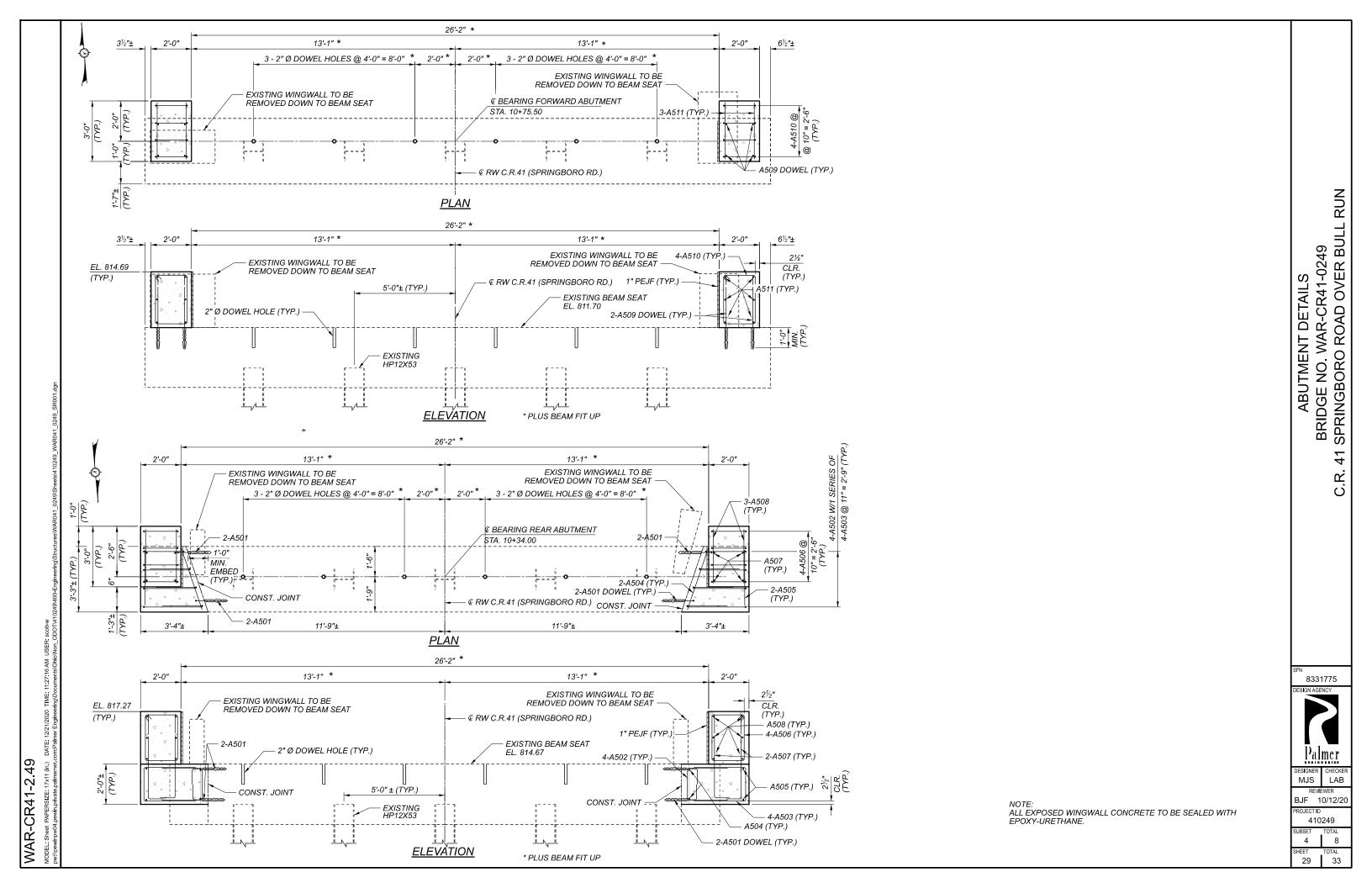
8331775 ESIGN AGENCY

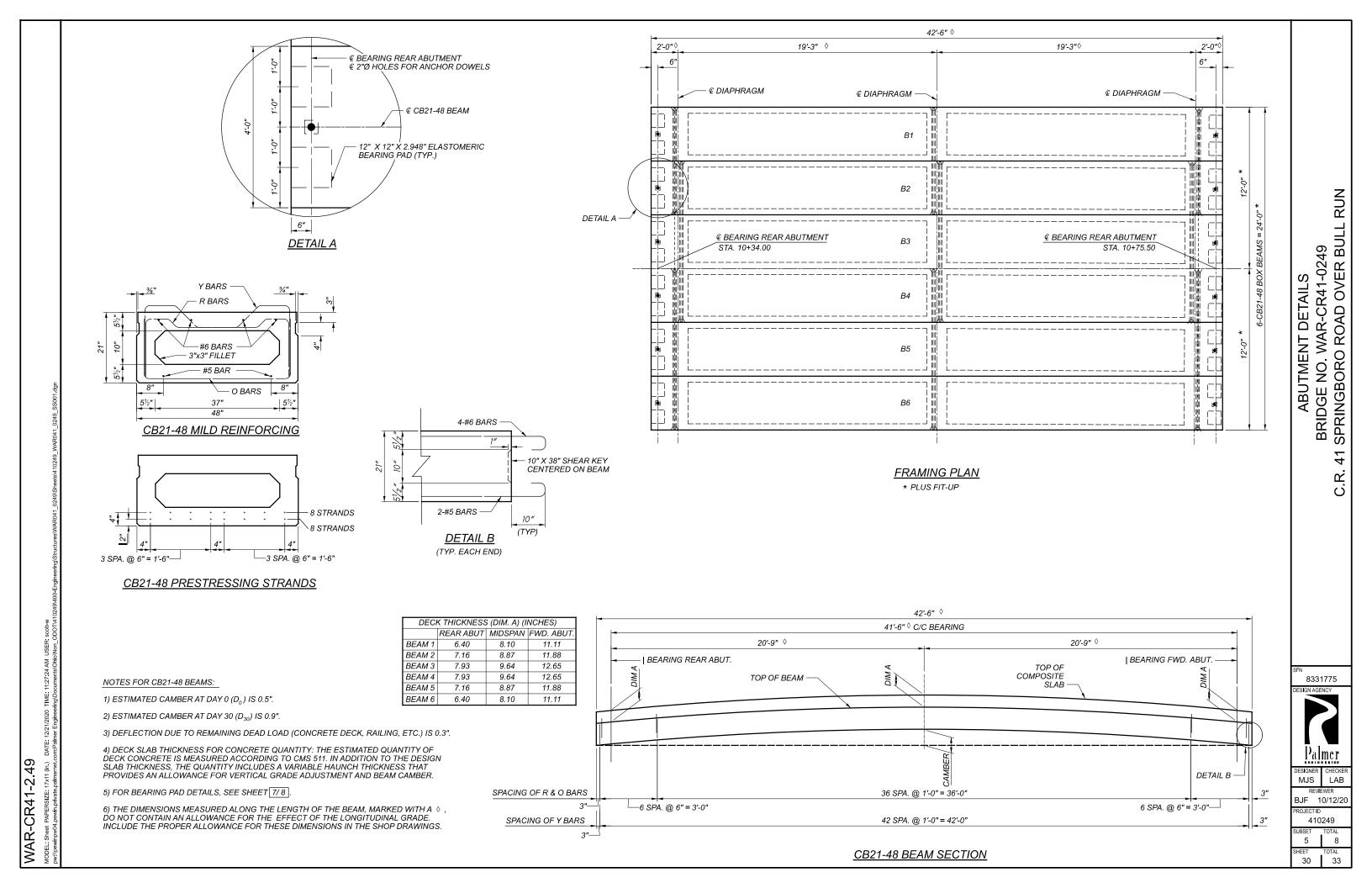
DESIGNER CHECKER
MJS LAB
REVIEWER
BJF 10/12/20

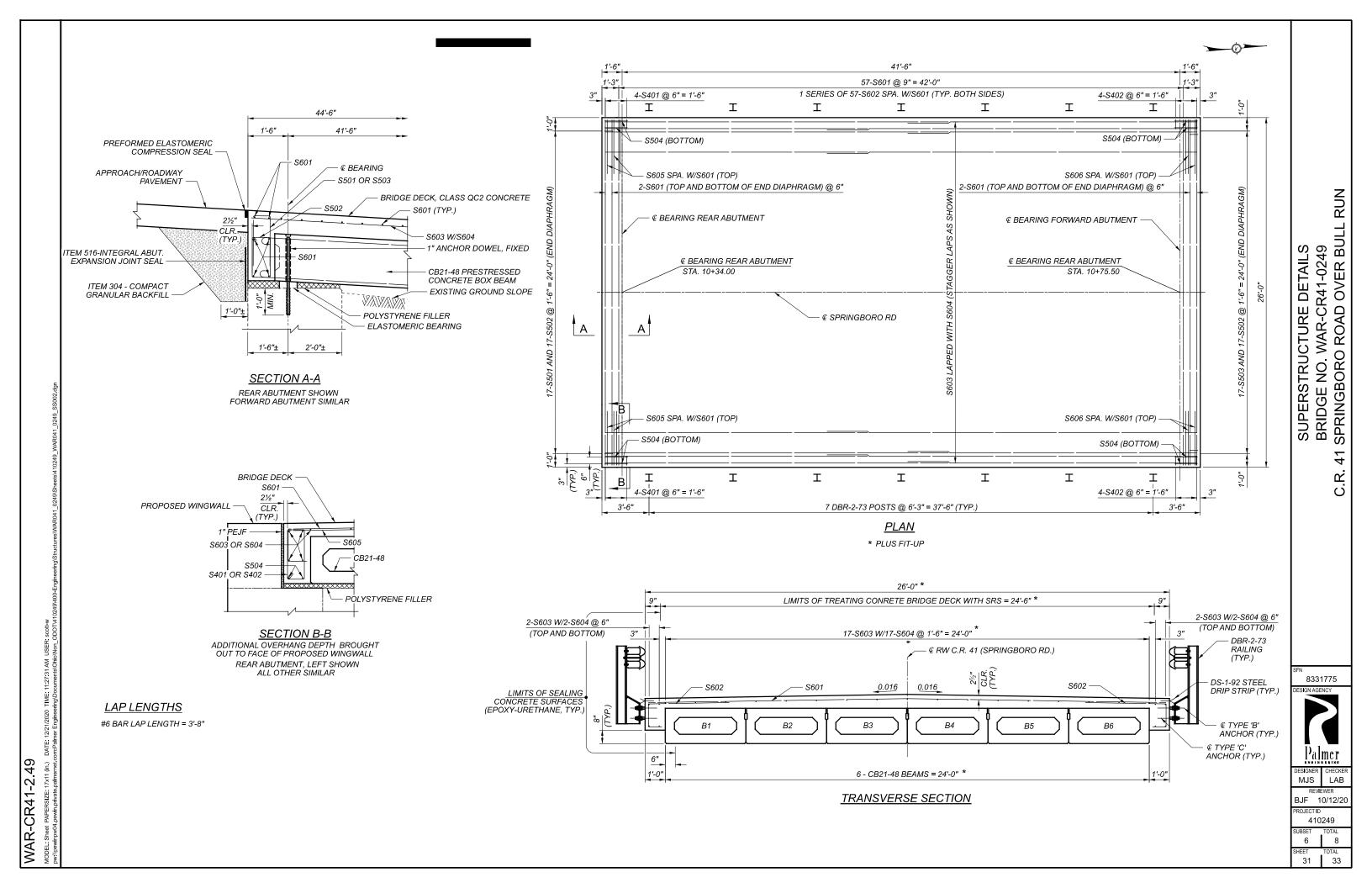
PROJECT ID 410249

SUBSET TOTAL
3 8

SHEET TOTAL
28 33







€ B1

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€ B3

€ B4

€ B5

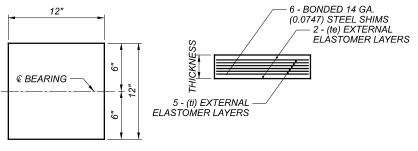
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				Bl	EARING D	DESIGN DATA	1
	UNFAC7	ORED L	OAD (KIPS)		D	IMENSION (II	N)
LOCATION	DEAD LOAD	LIVE LOAD	MAXIMUM DESIGN LOAD	WIDTH	LENGTH	THICKNESS	ti
ABUTMENTS	18.1	28.9	47.0	12	12	2.95	0.40
	-	€ BEAR	ING —	6" 6"	5. ELAST	SS H H (ti) EXTERN OMER LAYER	AL —/
				<u>BEARI</u>	<u>ING PA</u>	D DETAIL	<u>LS</u>

0.751	₽ DLAINING	1									
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315.40	814.78			l I	I	ı I	Ŧ	I		I	I
0+65.13	10+75.50	7	· · · ·								
315.43	814.83] ",									
0+65.13	10+75.50	3:-0"						– LEFT FASCIA	i		
315.49	814.89	1 4	<u> </u>	<u> </u>							
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315.61	814.99	1	¥ B2 -								
0+65.13	10+75.50] [
315.56	814.95	\ \ \ \ \ \ \ \				₡ 0.50 POINT		€ 0.75 POINT			
0+65.13	10+75.50	اہ ٔ [STA. 10+54.75		STA. 10+65.13			
315.49	814.89	20'-0"	€ B3 -	© BEARING	 REAR ABUTMENT	€ 0.25 POINT	·		\	& DEADING FIND	ADJUTATAL
0+65.13	10+75.50] "		STA. 10+34.		STA. 10+44.38				<i>€ BEARING FWD</i> ST	A. 10+75.50
315.43	814.83	BEAMS	-	 					—— }		
0+65.13	10+75.50			İ		€ SPRINGBORO R	חים				
315.38	814.78	CB21-48	€ B4 -	 		2 37 7111 (22 37 47 47 47 47 47 47 47 47 47 47 47 47 47					
315.40	814.78	B21									
) - 9	€ B5								
NO. OI STEEL LAMINAT (14 GAU)	L NUMBER TES REQUIRED	3′-0″	⊈ B6					RIGHT FASCIA —			

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DECK ELEVATIONS

0.25 L

10+44.38

816.58

816.60

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816.63

10+44.38

816.70

10+44.38

816.76

10+44.38

816.79

816.81

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816.76

10+44.38

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10+44.38

816.63

10+44.38

816.58

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0.5 L

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815.98

816.01

10+54.75

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816.09

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816.16

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€ BEARING

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0.75 L

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815.56

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815.59

815.61

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10+65.13

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10+65.13

815.43

10+65.13

815.38

815.40

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10+34.00

817.23

10+34.00

817.30

10+34.00

817.36

10+34.00

817.39

817.39

10+34.00

817.36

10+34.00

817.30

10+34.00

817.23

10+34.00

817.19

817.19

STATION

FINAL DECK SURFACE ELEV.

STATION

FINAL DECK SURFACE ELEV.

STATION

FINAL DECK SURFACE ELEV.

STATION

FINAL DECK SURFACE ELEV.

SCREED ELEVATION

STATION

FINAL DECK SURFACE ELEV.

FINAL DECK SURFACE ELEV.

STATION

FINAL DECK SURFACE ELEV.

STATION

SCREED ELEVATION

RIGHT FASCIA FINAL DECK SURFACE ELEV.

LEFT FASCIA | FINAL DECK SURFACE ELEV.

POINT

⊈ BEAM 1

€ BEAM 2

PROFILE

GRADE

€ BEAM 4

€ BEAM 5

€ BEAM 6

26'-0" * 13'-0" * 13'-0" * € B2 € B5 € B6 0.016 0.016 2'-0" 6 - CB21-48 BEAMS = 20'-0" * C/C 2'-0" 2'-0"

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<u>PLAN</u>

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ELACTOMERIC BEARINGS NOTES

DEAD LOAD = 18.12 KIPS (UNFACTORED) LIVE LOAD = 28.85 KIPS (UNFACTORED, WITHOUT DYNAMIC ALLOWANCE) TOTAL LOAD = 46.97 KIPS (UNFACTORED)

1) THE ELASTOMER SHALL HAVE HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6. (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARDSPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.

2) FOR BEARING PAD LOCATIONS, SHEE SHEET 5/8.

TRANSVERSE SECTION

* PLUS FIT-UP

DECK ELEVATION NOTES

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1) SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.

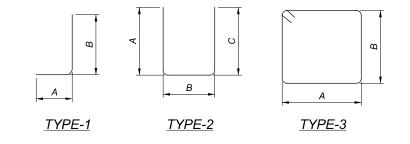
2) FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURRED.



	11.27
	TIME
	DATE: 12/21/2020 TIME: 11:27
QQ4 1-4.49	PAPERSIZE 17x11 (in)
ことと	DFI Sheet

MARK		NUMBER		LENGTH	WEIGHT	TYPE	DIMENSIONS						
W U U C	REAR	FWD.	TOTAL	LLINGTIT	(LBS.)	7112	Α	В	С	D	E	R	INC.
	-						ABUTMENT						
A501	8		8	2' - 9"	23	1	2' - 0"	0' - 10"					
A502	8		8	4' - 6"	38	2	1' - 7"	1' - 7"	1' - 7"				
	2		2	4' - 6"			1' - 7"	1' - 7"	1' - 7"				
A503	SERIES		SERIES	to	49	2	to	to	to				0' - 10 5/8"
	4		4	7' - 2"			2' - 11"	1' - 7"	2' - 11"				
A504	4		4	3' - 1"	13	STR							
A505	4		4	2' - 10"	12	STR							
A506	8		8	8' - 0"	68	3	1' - 7"	2' - 2"					
A507	8		8	4' - 11"	41	1	0' - 10"	4' - 2"					
A508	12		12	2' - 7"	33	STR							
A509		8	8	3' - 9"	32	STR							
A510		8	8	8' - 11"	75	3	1' - 7"	2' - 7"					
A511		12	12	2' - 7"	33	STR							
			ABUT	MENT TOTAL	417								
						3	SUPERSTRUCT	URE					
S401	8		8	5' - 4"	29	3	0' - 7"	1' - 10"					
S402	8		8	6' - 2"	33	3	0' - 7"	2' - 3"					
S501	17		17	3' - 11"	70	2	1' - 10"	0' - 6"	1' - 10"				
S502	34		34	4' - 3"	150	3	1' - 4"	0' - 6"	1' - 4"				
S503	17		17	4' - 9"	85	2	2' - 3"	0' - 6"	2' - 3"				
S504	8		8	2' - 7"	22	STR							
S601	69		69	25' - 6"	2,643	STR							
	2		2	5' - 5"			4' - 0"	1' - 2"	0' - 7"				
S602	SERIES		SERIES	TO	964	2	TO	ТО	ТО				0' - 0 1/8"
	57		57	5' - 10"			4' - 0"	1' - 7"	0' - 7"				
S603	25		25	30' - 0"	1,127	STR							
S604	25		25	17' - 9"	667	STR							
S605	4		4	5' - 5"	33	2	4' - 0"	1' - 2"	0' - 7"				
S606	4		4	5' - 10"	36	2	4' - 0"	1' - 7"	0' - 7"				
		S	UPERSTRUC	TURE TOTAL	5,859								

REINFORCING STEEL LIST



B331775

DESIGN AGENCY

DESIGNER CHECKER

MJS LAB

REVIEWER

BJF 10/12/20

PROJECT ID

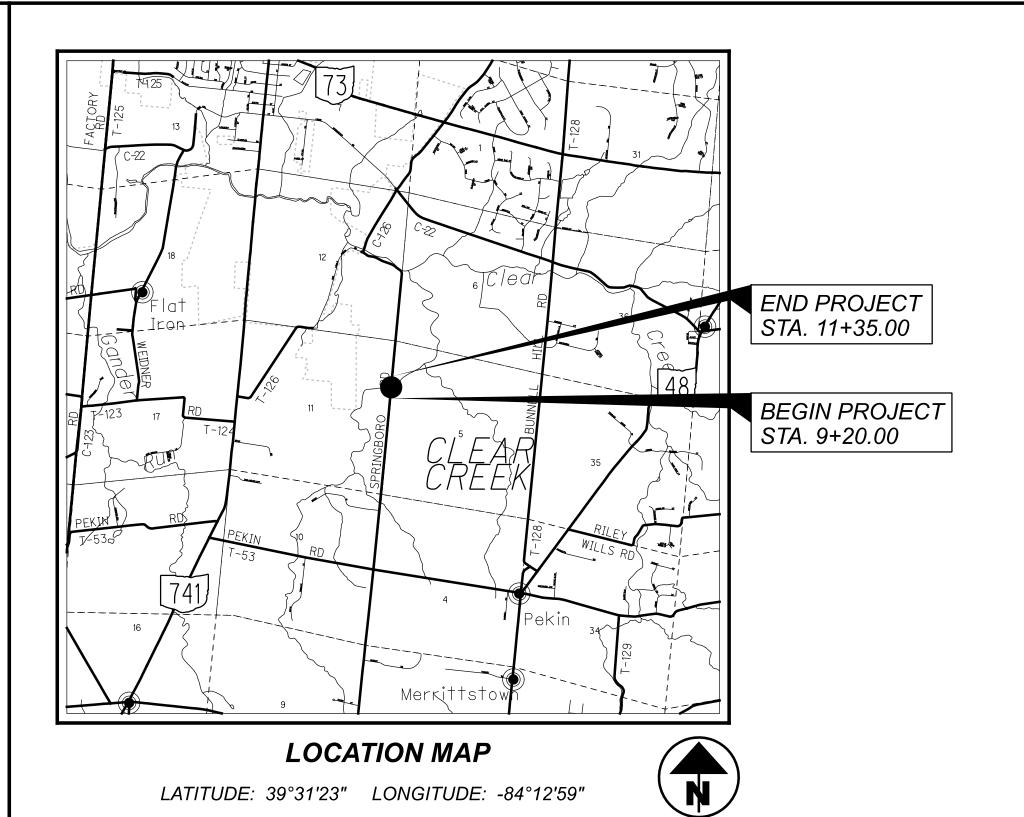
410249

SUBSET TOTAL

8 8

SHEET TOTAL

33 33



DESIGN DESIGNATION

CURRENT ADT (2020)	1500
DESIGN YEAR ADT (2040)	1800
DESIGN HOURLY VOLUME (2040)	198
DIRECTIONAL DISTRIBUTION	0.60
TRUCKS (24 HOUR B&C)	0.012
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
07 - LOCAL ROAD	
NHS PROJECT	NO

DESIGN EXCEPTIONS

WAR-CR41-2.49

SPRINGBORO ROAD

CLEARCREEK TOWNSHIP

WARREN COUNTY

INDEX OF SHEETS:

STRUCTURES OVER 20' SPAN

WAR-CR41-0249

TITLE SHEET 1	
TYPICAL SECTIONS 2	
GENERAL NOTES 3	
MAINTENANCE OF TRAFFIC 4 -	. 5
GENERAL SUMMARY 6 -	. 7
ESTIMATED QUANTITIES 8	
PLAN AND PROFILE 9	
CROSS SECTIONS 10	- 17
GUARDRAIL PLAN INSERT SHEETS 18	- 23
TRAFFIC CONTROL PLAN 24	- 25

26 - 33

SUPPLEMENTAL

SPECIAL

PROVISIONS

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

SUPERSTRUCTURE REPLACEMENT OF BRIDGE WAR-CR41-0249
OVER BULL RUN. PROJECT INCLUDES MINIMAL APPROACH
WORK, GUARDRAIL REPLACEMENT, SIGNING AND STRIPING.
NO WORK WILL OCCUR IN-STREAM.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.6 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.2 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A

2019 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.

Contact Two Working Days Before You Dig OHIO811.org Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY:

PALMER ENGINEERING

BUTTON BERING

BUTTON BERING

BUTTON BERING

CINCINNATI **AKRON

TALLAHASSEE

**ORTHODOLOGIAN

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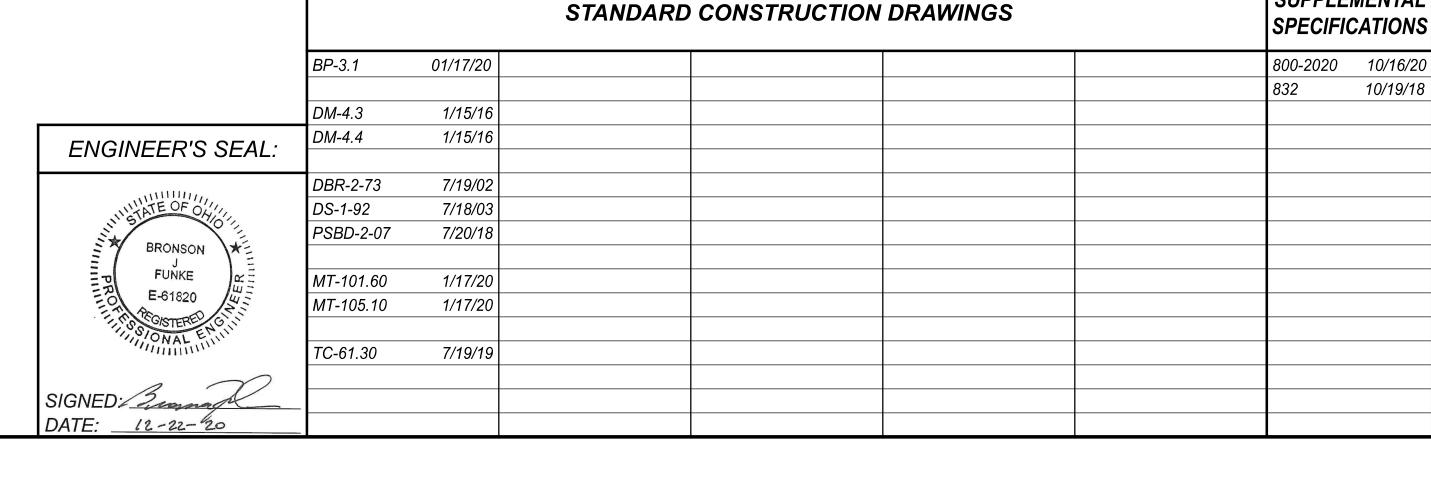
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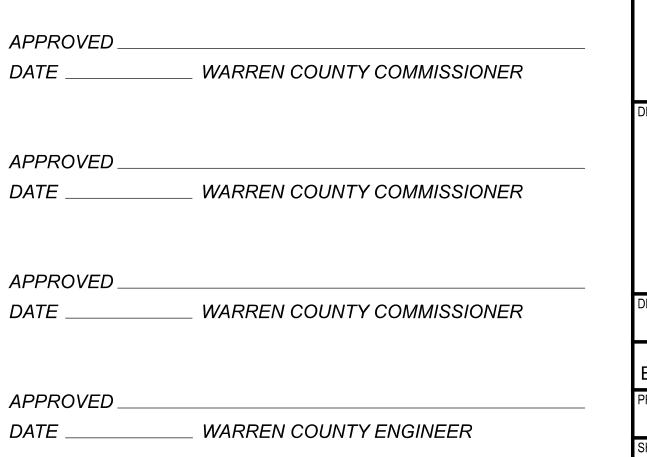
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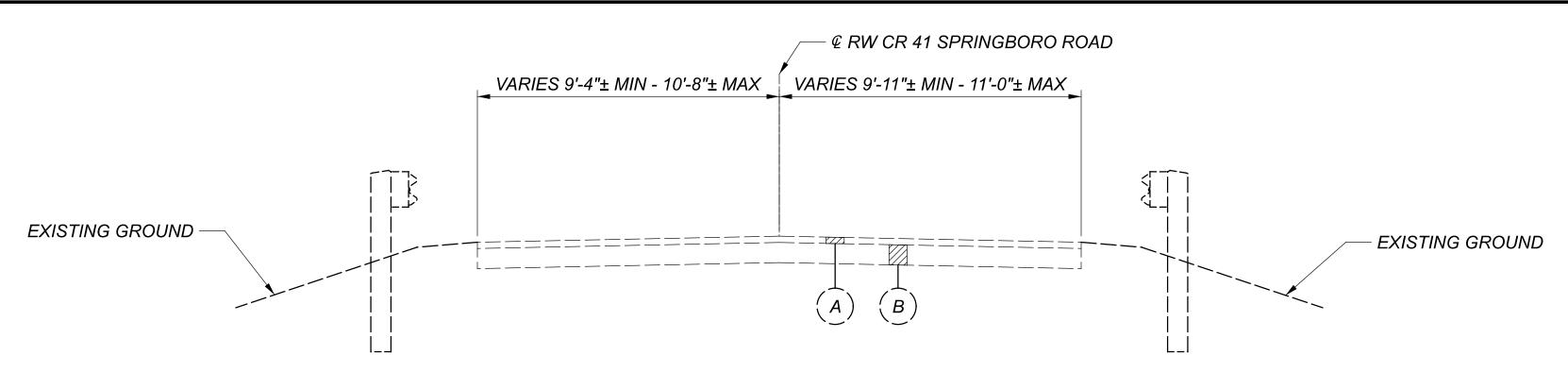
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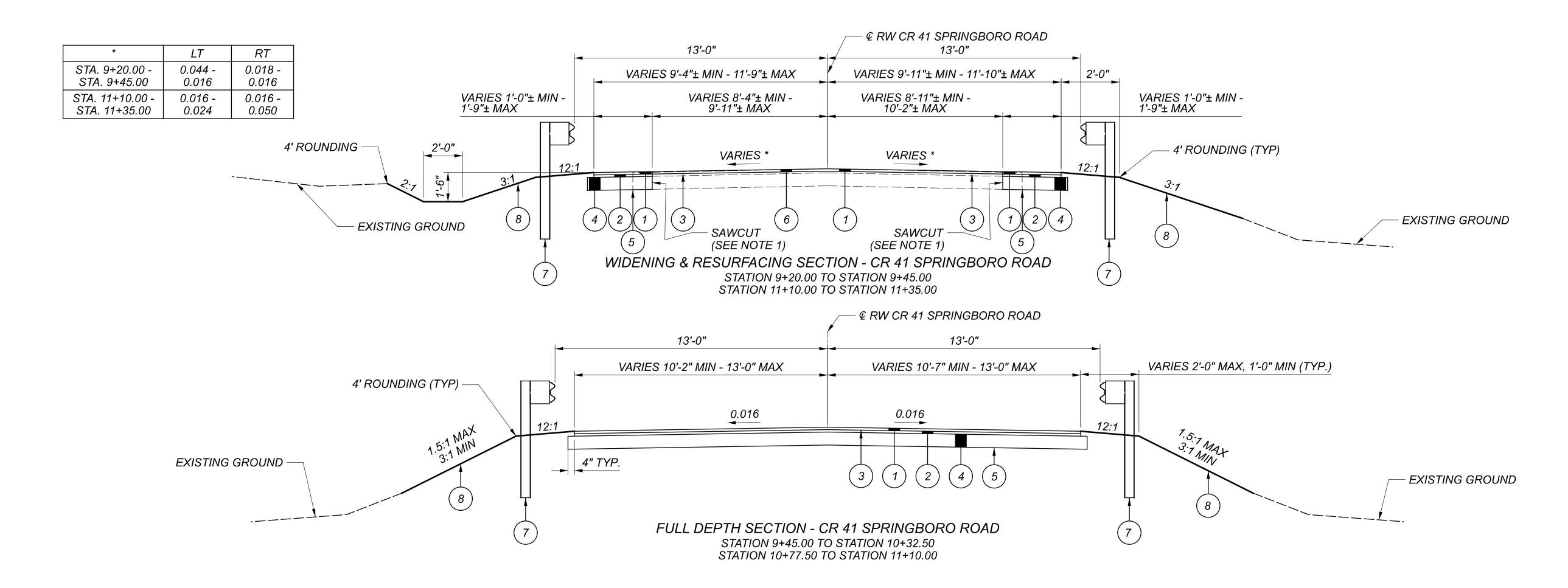








EXISTING SECTION - CR 41 SPRINGBORO ROAD



NOTES

1) THE EXISTING PAVEMENT EDGES SHALL BE SAW CUT TO LOCATE A SOUND PAVEMENT EDGE OR 1'-0" MINIMUM PER SEC. 203.04 OF THE C&MS. FOR ESTIMATING PURPOSES, PAVEMENT QUANTITY CALCULATIONS INDICATE AN AVERAGE WIDTH OF 1 FT. OF EXISTING PAVEMENT BEING REPLACED.

<u>LEGEND</u>

- (1) ITEM 441 $1\frac{1}{2}$ " ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22
- (2) ITEM 441 $1\frac{1}{2}$ " ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) PG64-22
- (3) ITEM 407 TACK COAT @ 0.10 GAL/SY
- (4) ITEM 304 8" ASPHALT CONCRETE BASE, PG64-22

- (5) ITEM 204 SUBGRADE COMPACTION
- $\left(\begin{array}{c}6\end{array}
 ight)$ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1 $^{1}\!\!\!/_{\!\!2}$ ")
- 7) ITEM 606 GUARDRAIL, TYPE 5, WITH LONG POSTS
- 8 ITEM 659 SEEDING AND MULCHING

EXISTING LEGEND



(B) 8"± ASPHALT CONCRETE BASE



ESIGN AGENCY

DESIGNER
DPF

REVIEWER
BJF 10/09/20

PROJECT ID
410249

WAR-CR4

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

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

WATER AND SANITARY: WARREN COUNTY WATER & SEWER 406 JUSTICE DRIVE LEBANON, OH 45036 CHRIS WOJNICZ: 513-695-1646 christopher.wojnicz@co.warren.oh.us

ELECTRIC: DUKE ENERGY 2010 DANA AVENUE, ROOM EF324 CINCINNATI, OH 45207 TROY DITTMER: 513-458-3844; 513-504-0082 (MOBILE) Troy.Dittmer@Duke-Energy.com

<u>GAS:</u> ENTERPRISE PIPELINE GAS 2700 HART ROAD LEBANON. OH 45036 JOSEPH MEADE: 513-933-4407; 513-502-5717 (MOBILE) jjmeade@eprod.com

TELECOMMUNICATIONS: AT&T 7201 FAR HILLS AVENUE **DAYTON. OH 45459** HOWARD LAUDERMILK: 937-296-3588 hl1596@att.com

CABLE T.V.: CHARTER SPECTRUM 10920 KENWOOD ROAD CINCINNATI, OH 45242 KENT RIEGER: 513-386-5499 kent.rieger@charter.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

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON WCEO PROJECTS. SEE SHEET 3 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 VRS MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: *NAVD88* GEOID: GEOID12A

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 GRS80 ELLIPSOID:

MAP PROJECTION: LAMBERT CONFORMAL CONIC COORDINATE SYSTEM: OHIO STATE PLANE SOUTH

COMBINED SCALE FACTOR: 0.999974241

ORIGIN OF COORDINATE

SYSTEM: 0,0

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.

UNITS ARE IN U.S. SURVEY FEET.

SEEDING AND MULCHING

QUANTITIES ARE PROVIDED ON THE GENERAL SUMMARY TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS.

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.

MONUMENT TABLE

NAME	ALIGNMENT NAME	STATION	OFFSET (sft)	RT/LT	NORTH (sft)	EAST (sft)	ELEVATION (sft)	FEATURE	POINT TYPE	DESCRIPTION	
SV1	CLX_CR041	10+20.87	13.93	LT	559361.540	1484318.483	816.97	IPINS		Iron Pin Set	
SV352	CLX_CR041	10+81.03	14.51	RT	559418.915	1484352.182	813.34	MAGS		MAG Nail Set]



410249

3 33

ESIGN AGENCY

UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL MAINTAIN THE INGRESS AND EGRESS
TO THE DRIVES WITHIN OR NEAR THE PROJECT WORK LIMITS
AT ALL TIMES BY THE USE OF THE EXISTING AND PROPOSED
PAVEMENT AND DRIVES.

TWO NOTICE OF CLOSURE SIGNS (W20-H14-60), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. THESE SIGNS SHALL STATE THE FOLLOWING:

SPRINGBORO ROAD WLL BE CLOSED FOR 12 WEEKS STARTING <EXACT CLOSURE DATE>

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM DURATION OF CLOSURE

SIGN DISPLAYED TO PUBLIC PRIOR TO CLOSURE

RAMP &	> 2 WEEKS	14 CALENDAR DAY
ROAD	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS
CLOSURE	< 12 HOURS	2 BUSINESS DAYS

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

SEE SHEET 5 FOR LOCATIONS

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN
ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS
OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF
UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL
LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN
THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING
TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

DETOUR SIGNING

THE CONTRACTOR SHALL ERECT, MAINTAIN AND REMOVE THE DETOUR SIGNING AS SHOWN ON SHEET 5. THE PAYMENT FOR ALL THE MATERIAL, LABOR AND EQUIPMENT TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC

NOTIFICATION

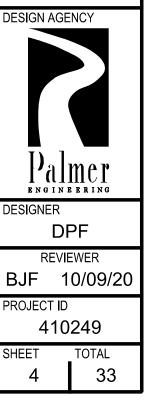
THE CONTRACTOR SHALL NOTIFY THE WARREN COUNTY ENGINEER TWO (2) WEEKS PRIOR TO BEGINNING WORK.

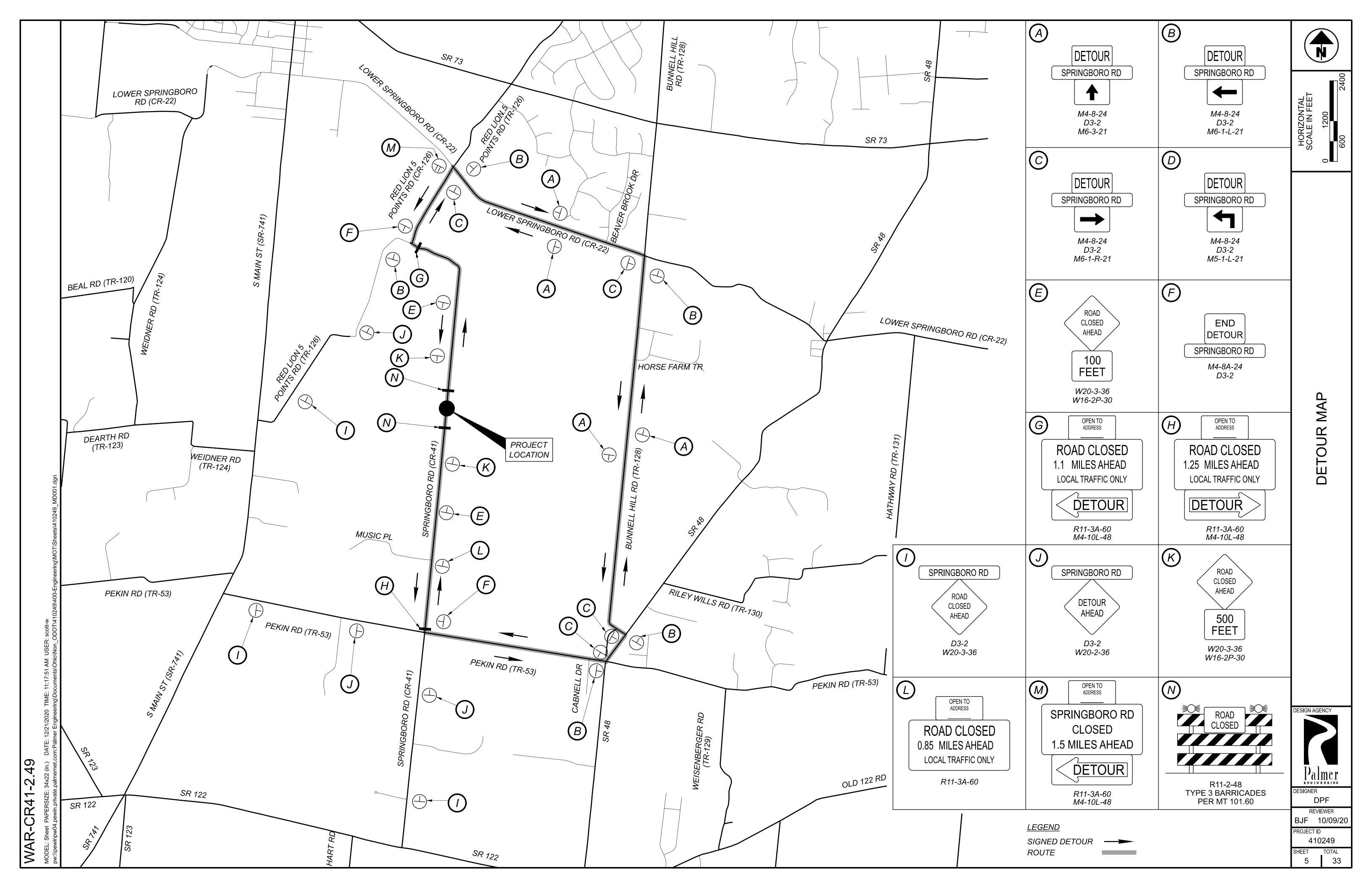
ALL LOCAL SCHOOLS AND EMERGENCY SERVICES WHICH ARE LIKELY TO UTILIZE THIS SEGMENT OF CR 41 (SPRINGBORO ROAD) ARE TO BE NOTIFIED OF THE DETOUR NOT LESS THAN TWO (2) WEEKS PRIOR TO THE ROAD CLOSURE.

MAINTENANCE OF TRAFFIC NOTES

WAR-CR41-2.49

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 12/21/2020 TIME: 11:17:43 AM USER: scott-w





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							20	02		606	
REF. NO.	SHEET NO.	STAT	ΓΙΟΝ	SIDE	LENGTH	PLAN AREA	GUARDRAIL REMOVED	PIPE REMOVED, 24" AND UNDER	GUARDRAIL, TYPE 5, (USING 9 FOOT POSTS)	ANCHOR ASSEMBLY, TYPE E (USING 9 FOOT POSTS)	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (USING 9 FOOT POSTS)
		FROM	ТО				FT	FT	FT	EACH	EACH
R1	9	10+09.76	11+23.98	LT	115.22		116				
R2	9	10+10.40	11+12.37	RT	102.82		103				
R3	9	9+91.00	10+05.00	LT	16.00			16			
R4	9	10+11.00	10+21.00	RT	15.00			15			
R5	9	9+20.00	10+44.64			2196.34					
R6	9	10+64.87	11+35.00			1054.52					
GR1	9	8+43.51	10+30.92	RT	187.50				137.50	1	1
GR2	9	9+43.51	10+30.92	LT	87.50				37.50	1	1
GR3	9	10+79.07	11+66.48	RT	87.50				37.50	1	1
GR4	9	10+79.07	11+66.0	LT	87.50				25.00	1	1
		TOTAL	S CARR	IED TO C	SENERAL S	SUMMARY	219	31	237.5	4	4

CDOSS SECTION STIRSTIMMADV

			659	2	03
SHEET NO.	STAT	ΓΙΟΝ	SEEDING AND MULCHING	EXCAVATION	EMBANKMENT
	FROM	ТО	SY	CY	CY
10	8+25.00	8+75.00	0	0	0
11	9+00.00	9+25.00	32	12	3
12	9+50.00	10+00.00	152	80	49
13	10+25.00	10+31.50	54	35	22
14	10+78.50	11+25.00	73	74	19
15	11+35.00	11+75.00	42	1	4
16	12+00.00	12+50.00	0	0	0
17	12+75.00	-	0	0	0
CC	DLUMN TOT	ALS	353	202	97
		ED TO GEN			
		203 - FX	CAVATION	202	CY

203 - EMBANKMENT 97 CY 659 - SEEDING AND MULCHING 353 SY 659- REPAIR SEEDING AND MULCHING 18 SY
650 DEDAID SEEDING AND MULCHING 18 SV
039- REFAIR SEEDING AND MOLCHING 16 31
659 - TOPSOIL 39 CY
659 - INTER-SEEDING 18 SY
659 -COMMERCIAL FERTILIZER 0.05 TON
659 - LIME 0.07 ACR
659 - WATER 2 MGA

DPF

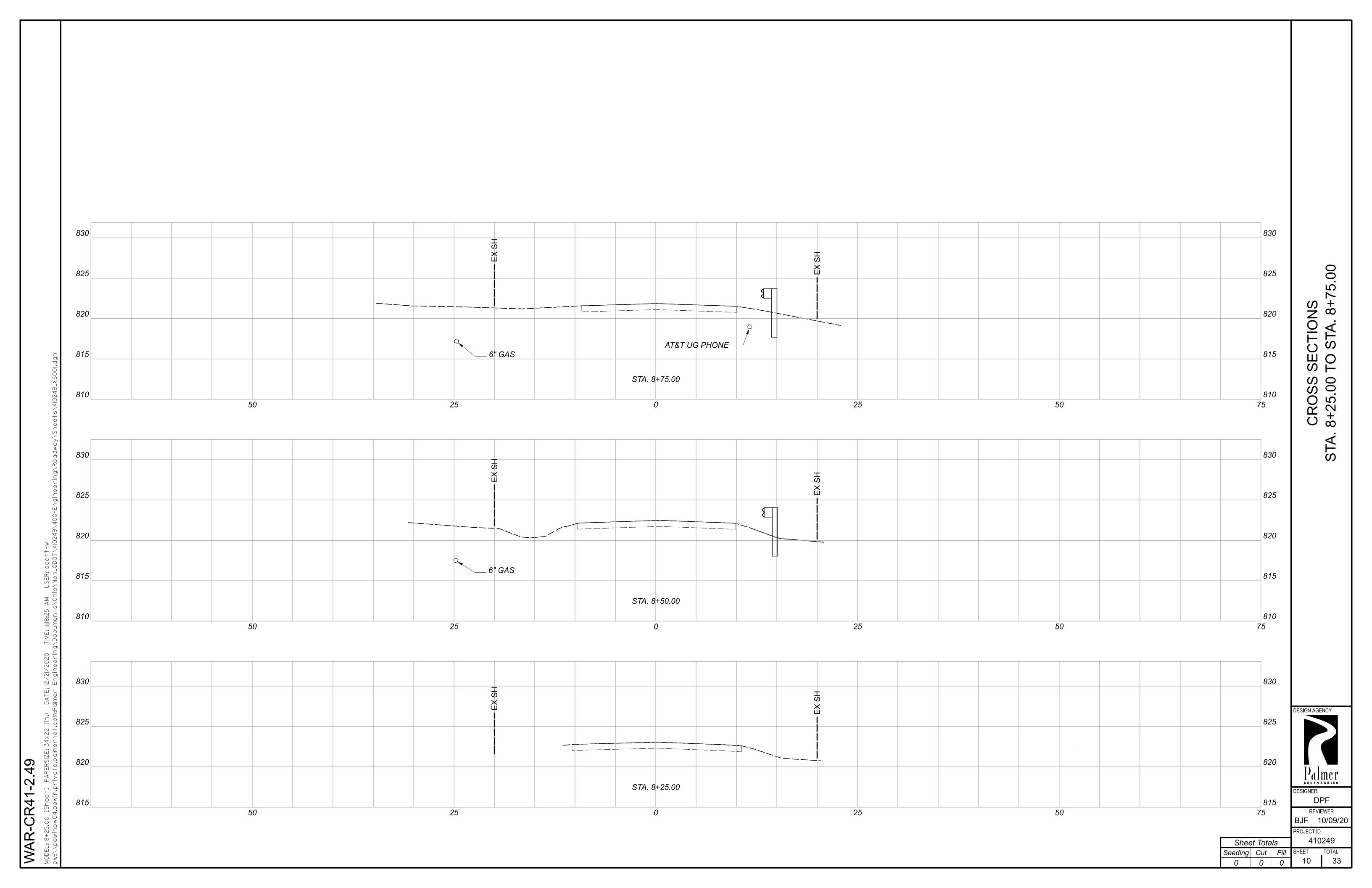
REVIEWER BJF 10/09/20 PROJECT ID

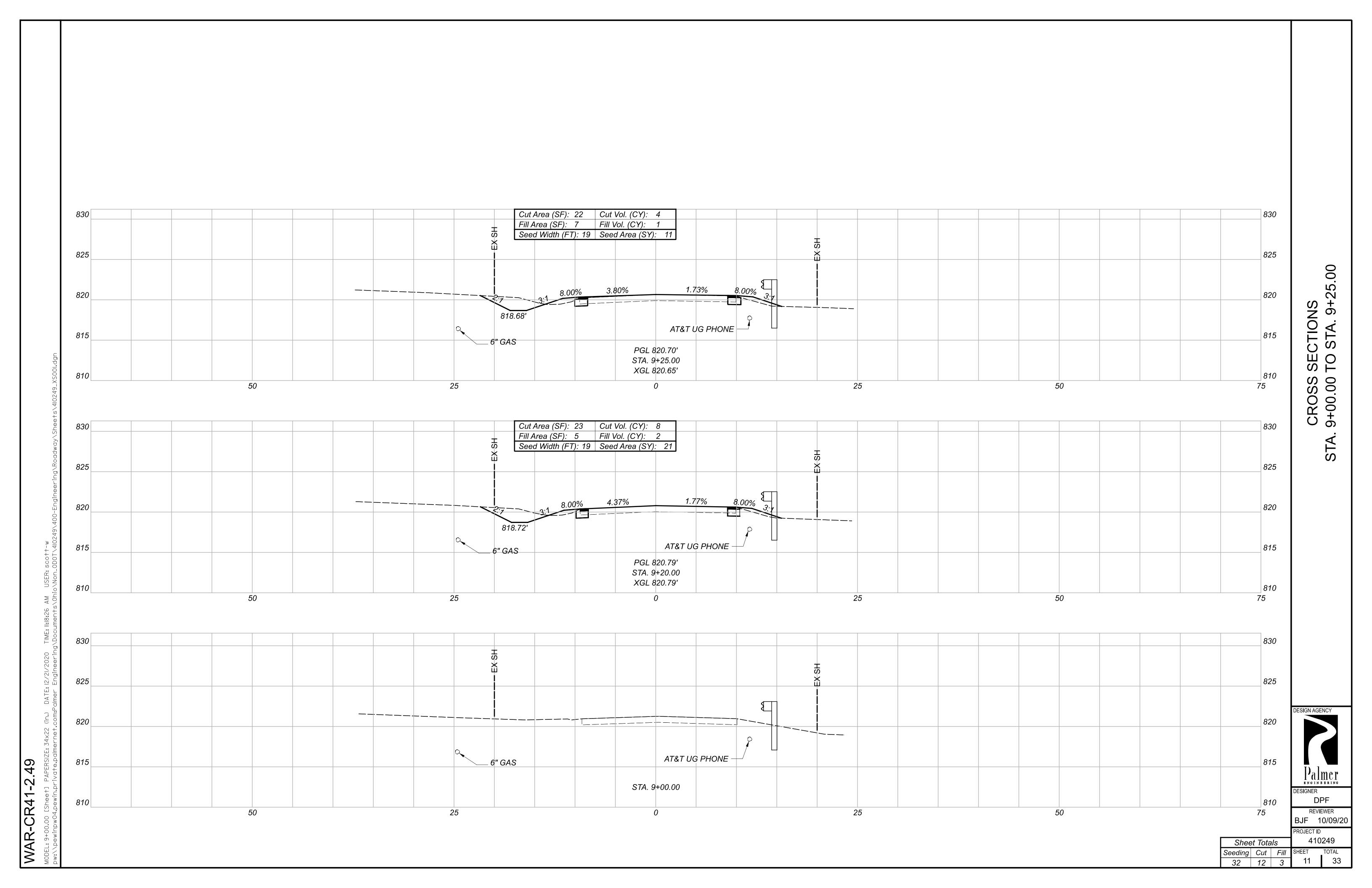


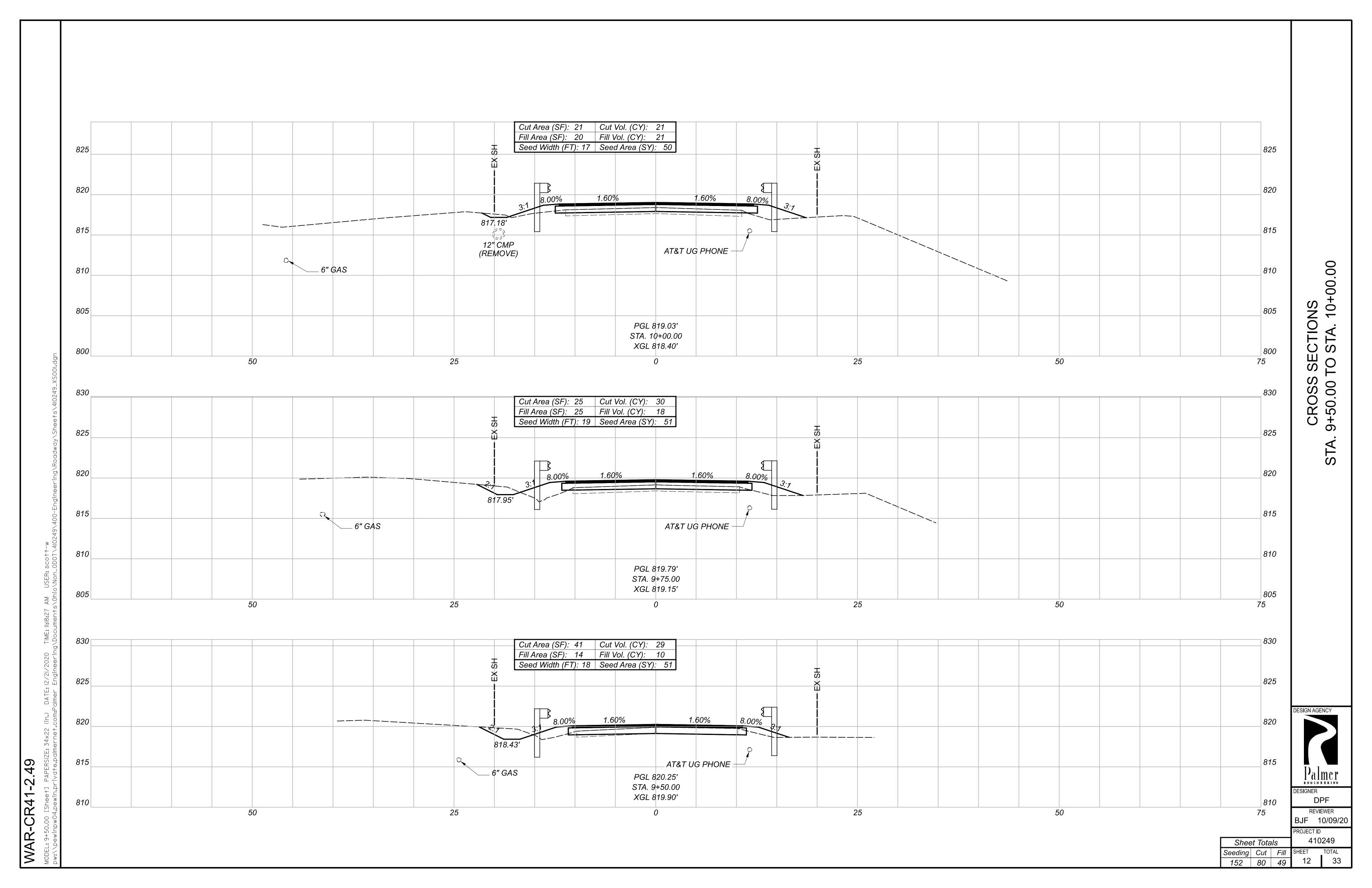
HORIZONTAL SCALE IN FEET 0 20

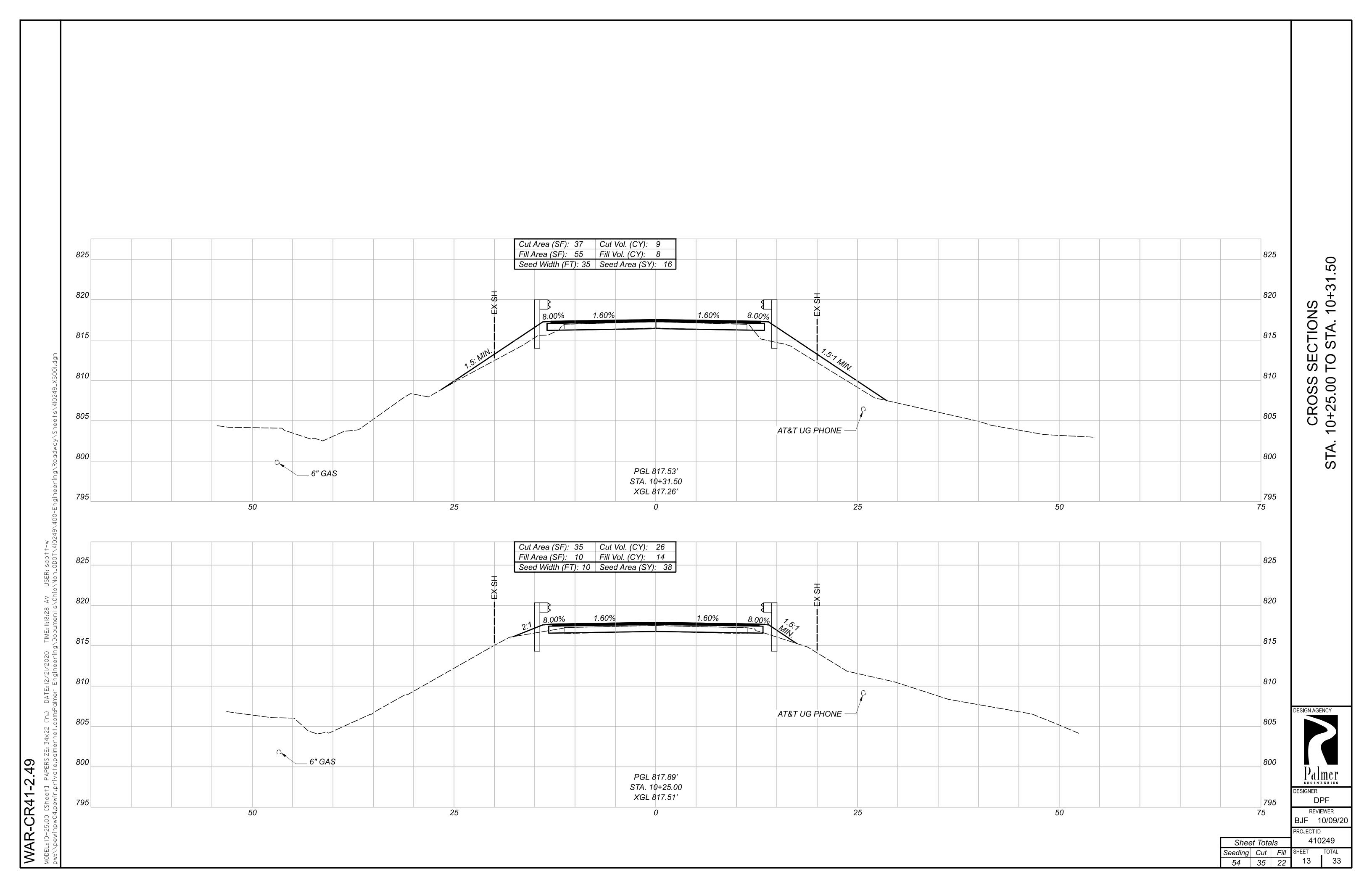
> PLAN AND PROFILE STA. 8+00.00 TO STA. 13+00.00

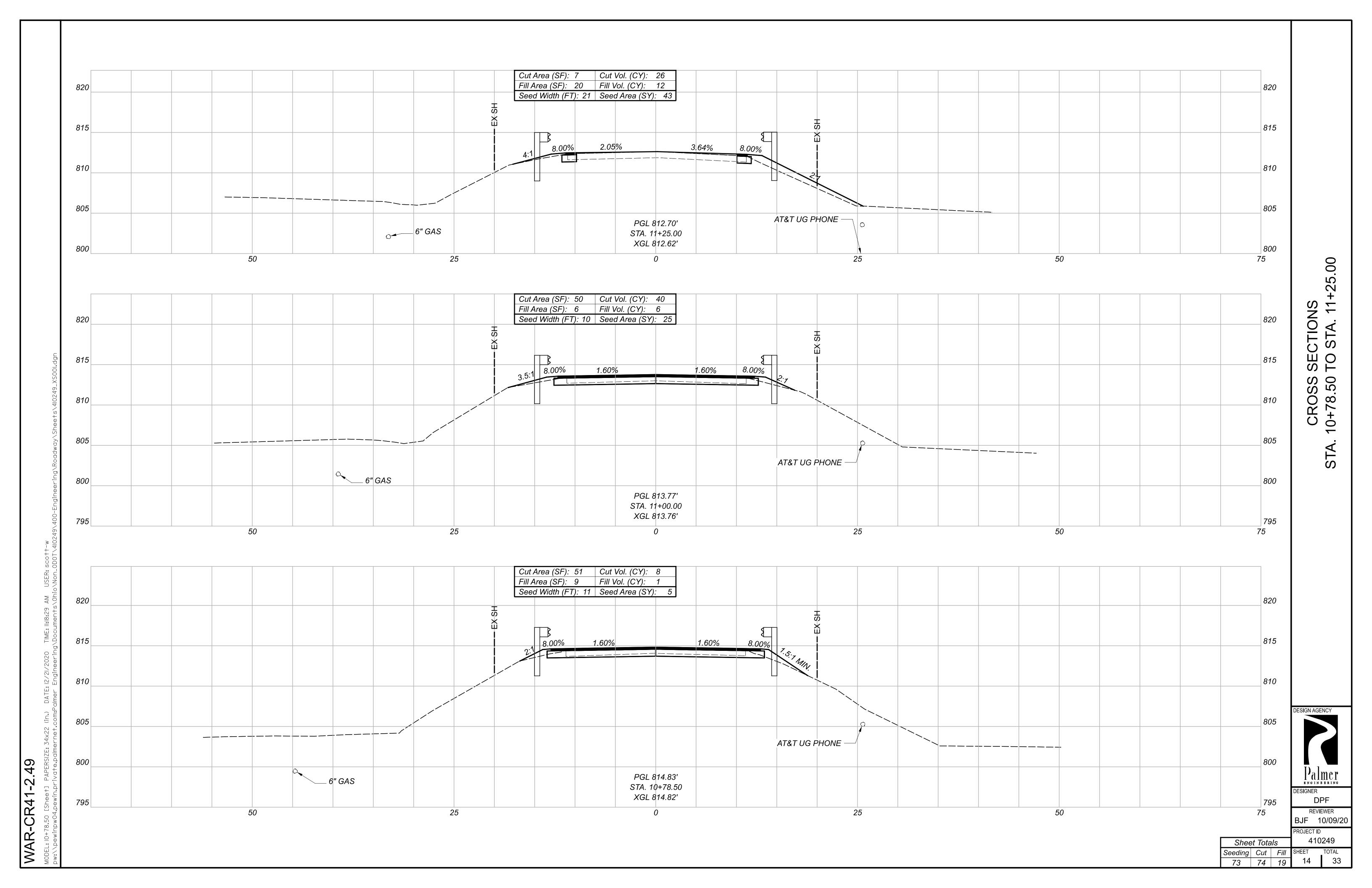


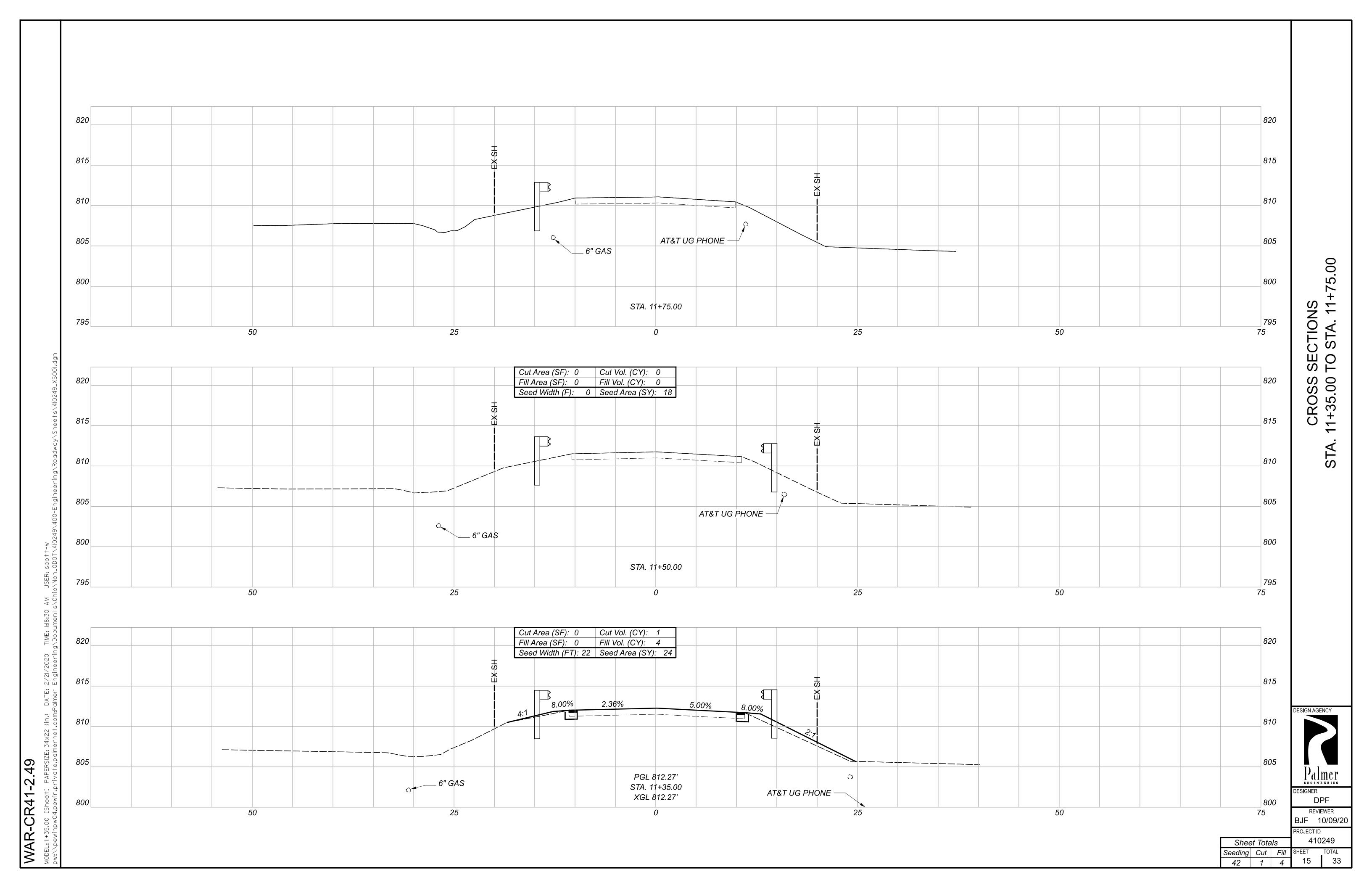


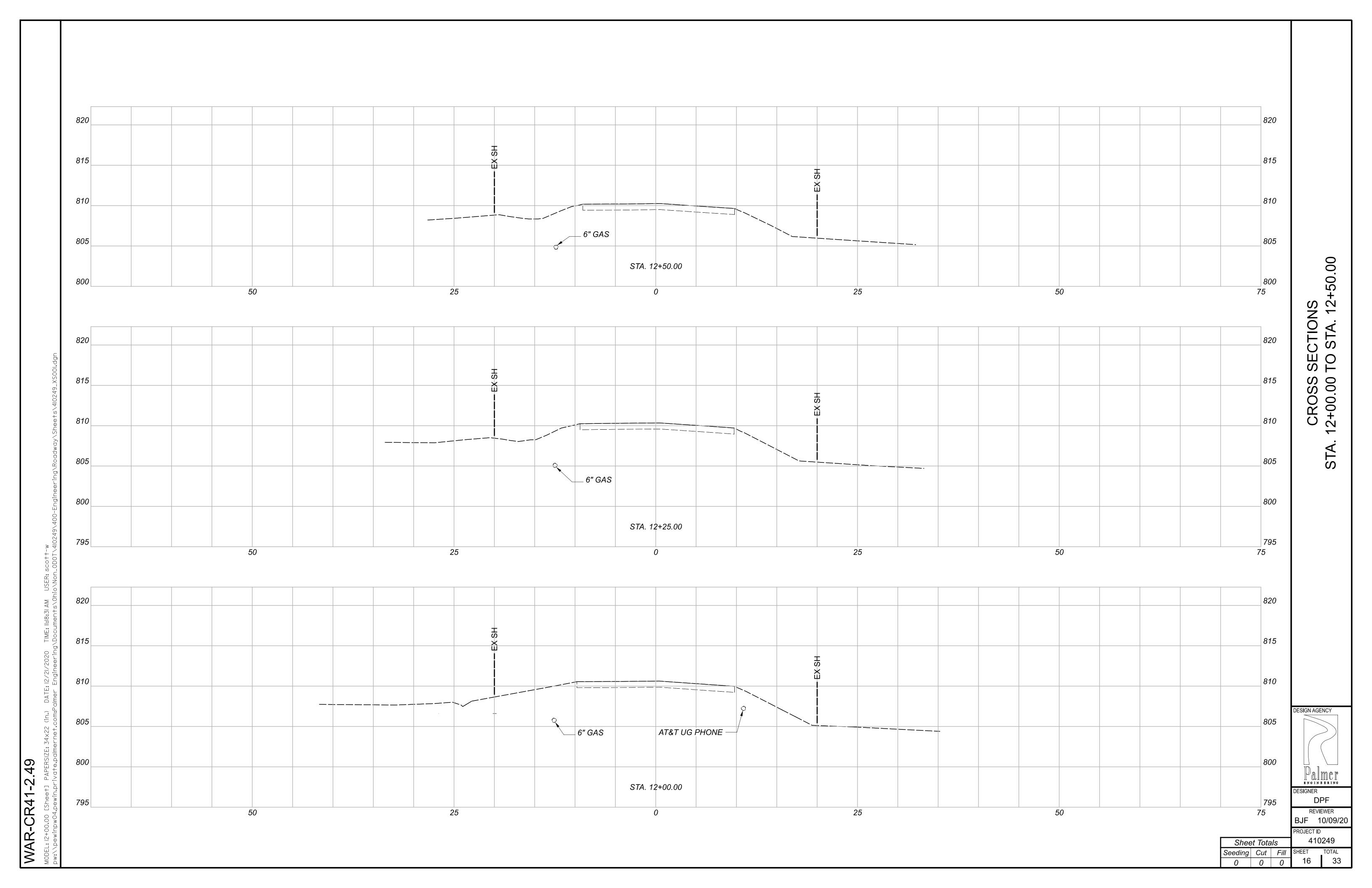


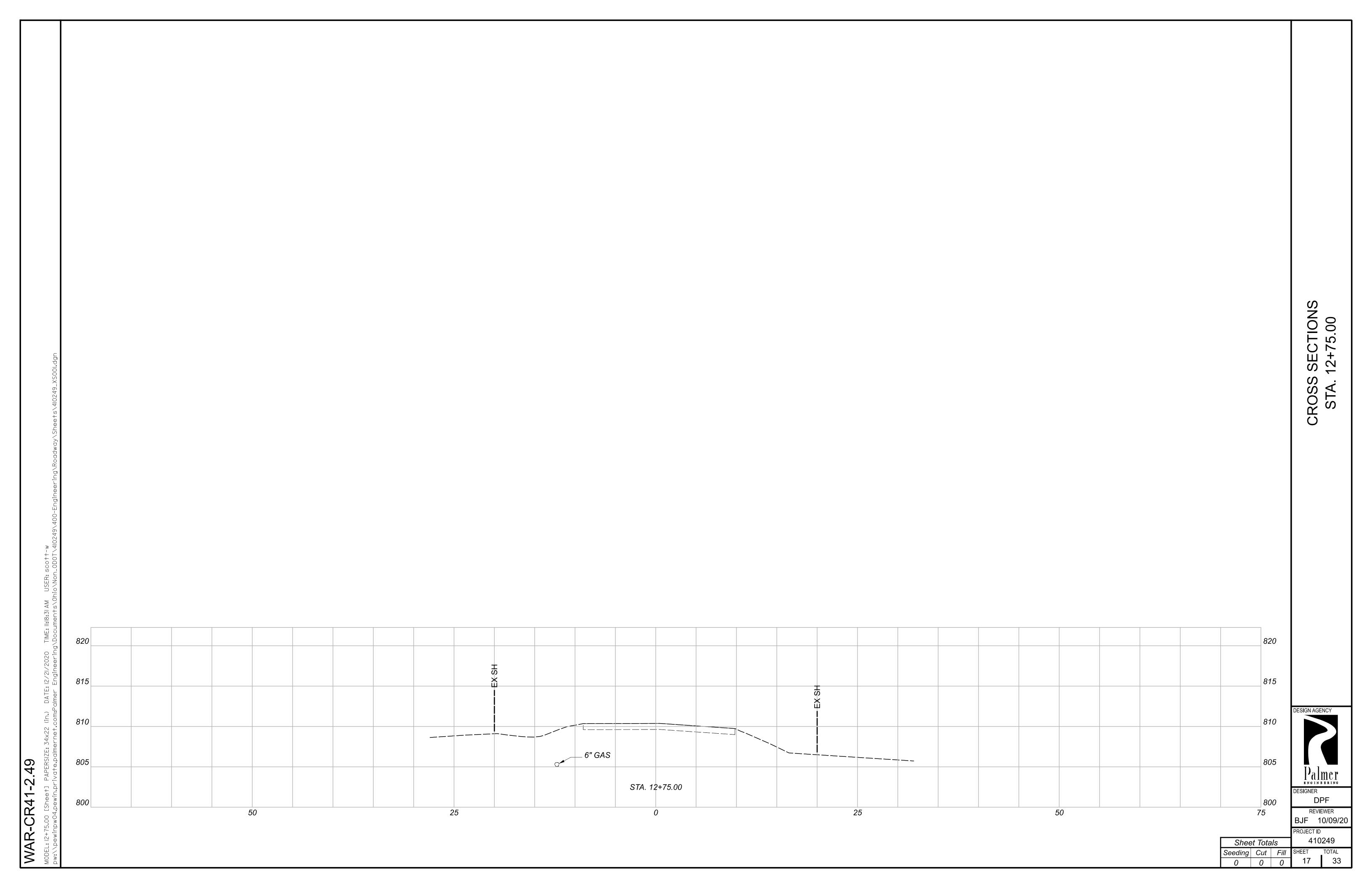


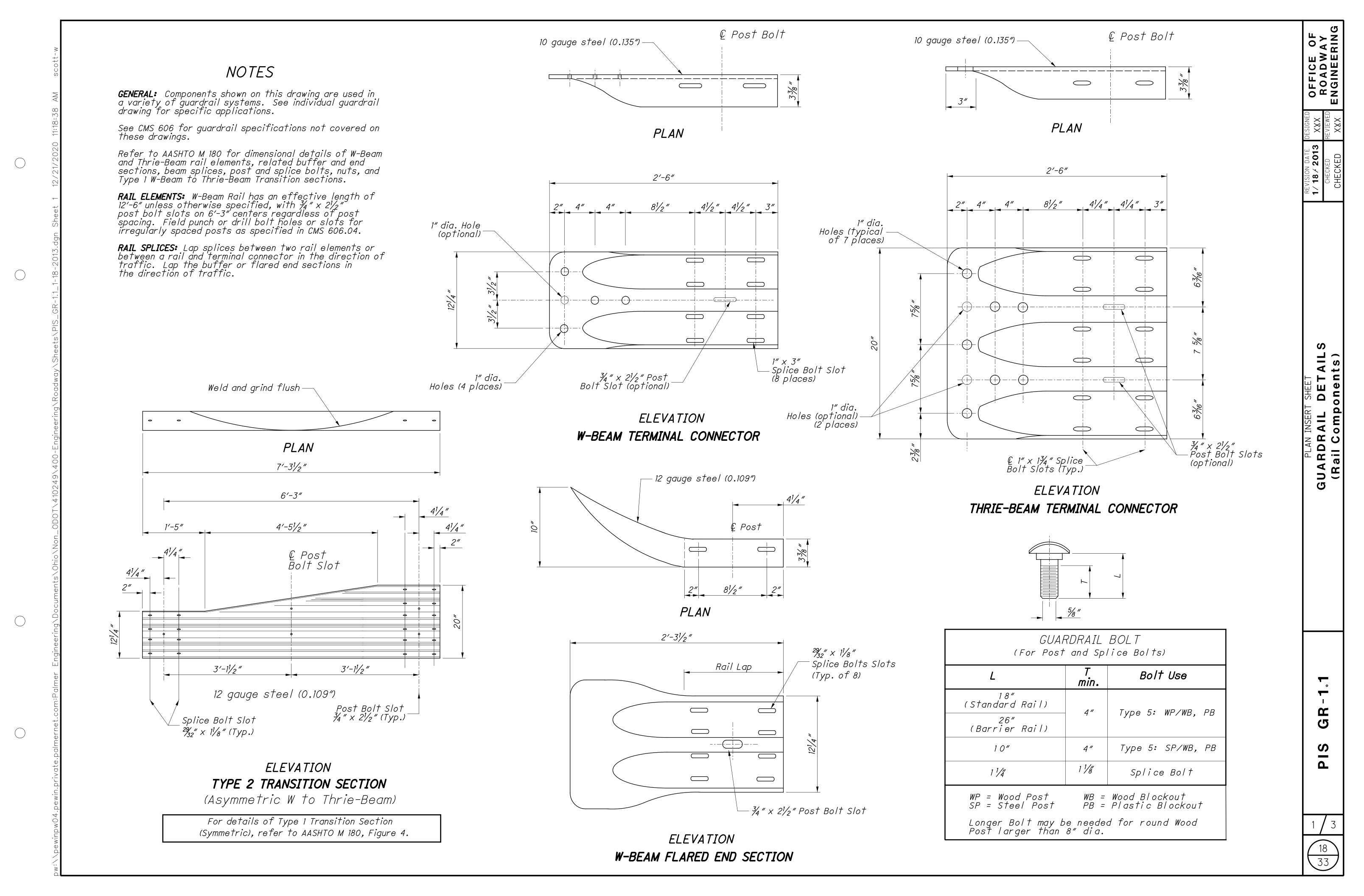












Treated

Shoulder

Treated Shoulder

h = Standard Height (See GUARDRAIL HEIGHT Note)

MEASURING GUARDRAIL HEIGHT

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SIDE

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Pipe or Piling

12" Steel

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-11/4" Hole

_W6x25 Steel Post

_Fill with

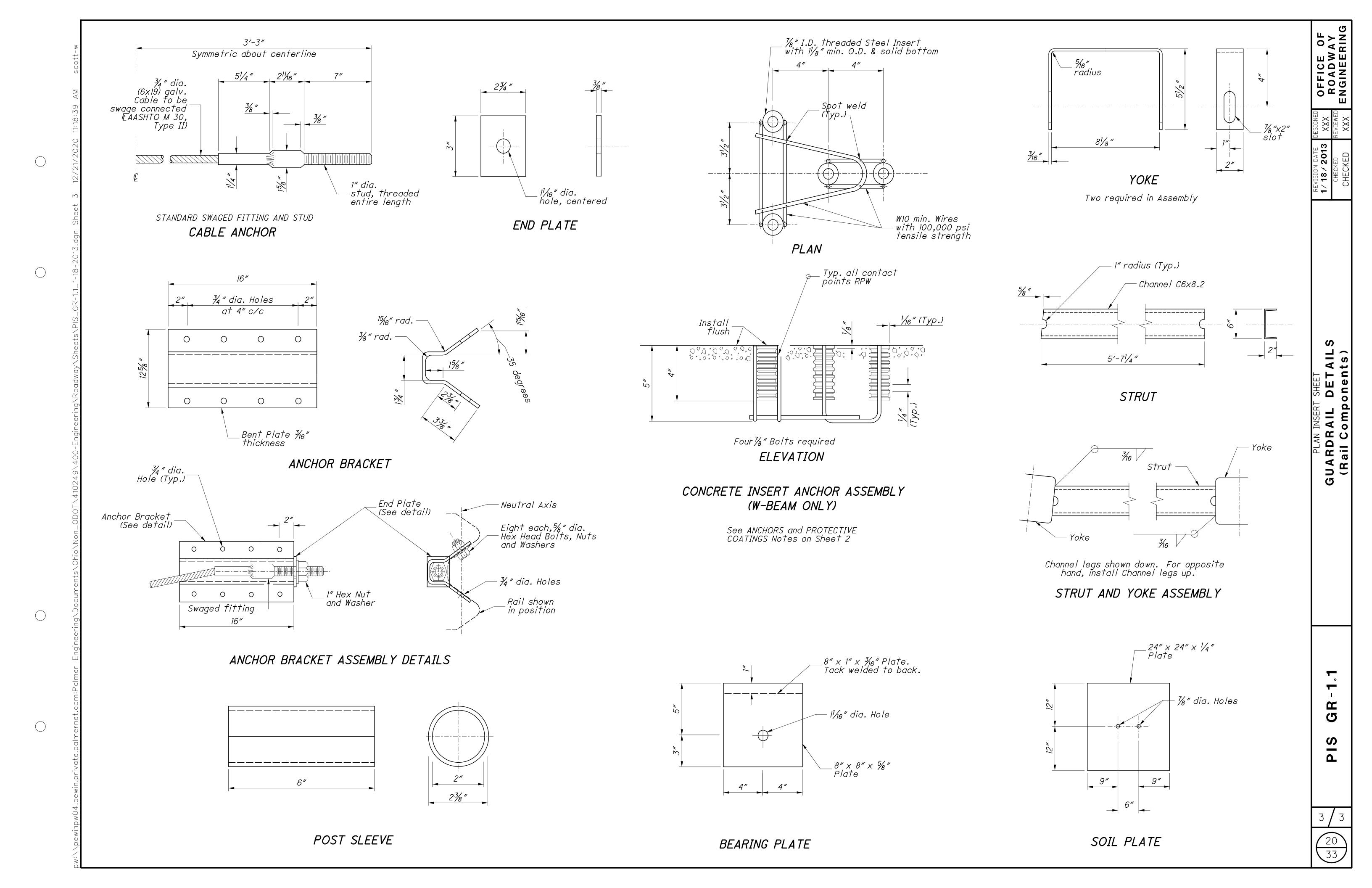
3/4"x6" Studs or Bolts (See ANCHORS Note)

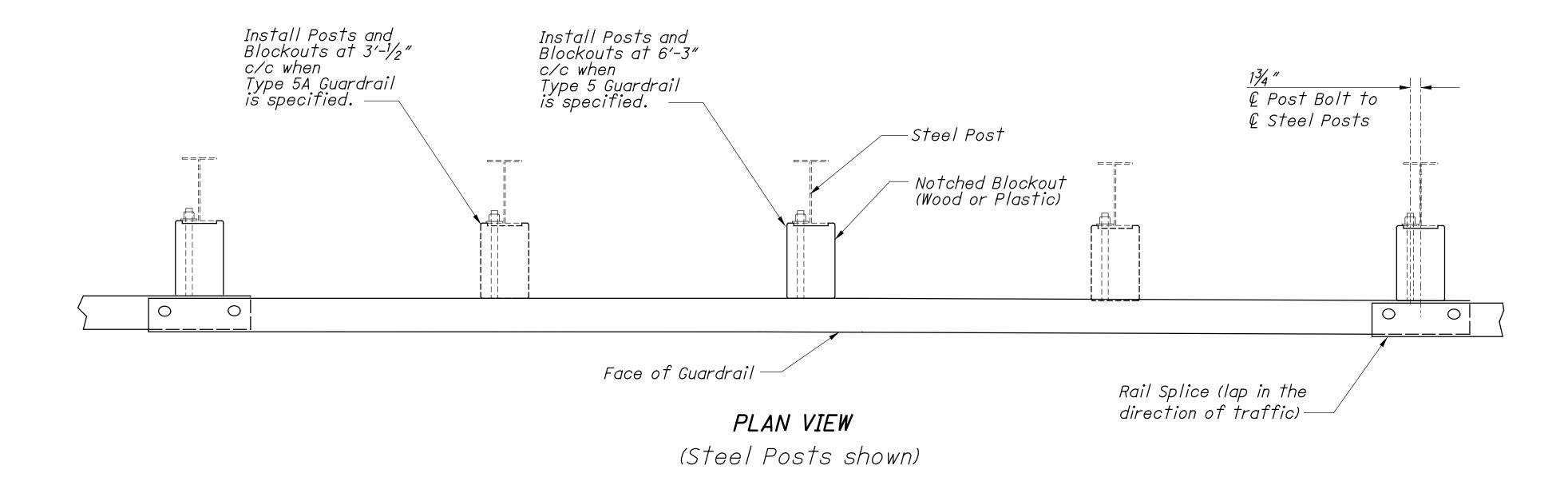
ELEVATION

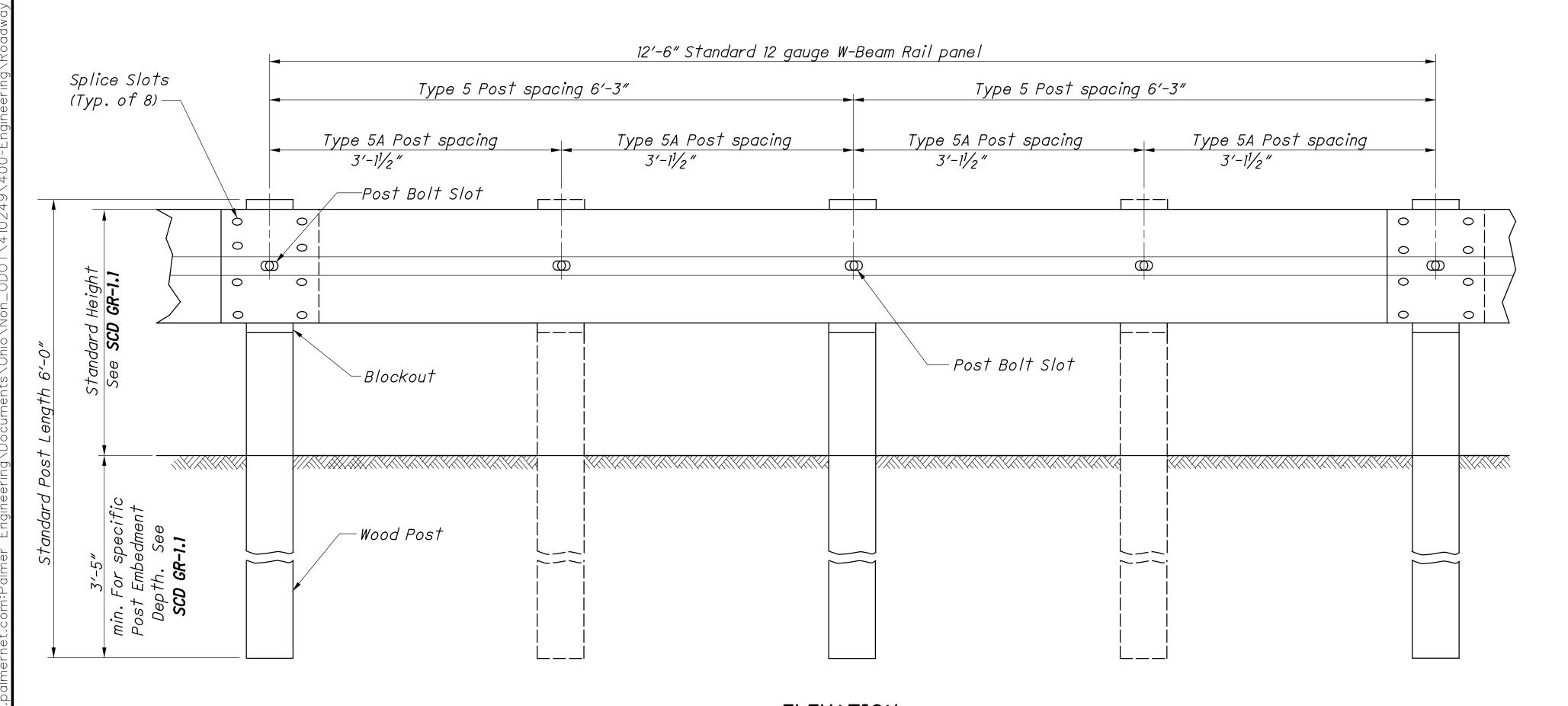
FOOTING ANCHOR

See SPECIAL POST MOUNTINGS Note.

Concrete Grout







ELEVATION (Wood Posts shown) **RAIL:** Use W-Beam rail meeting AASHTO M 180 Type II Class A, as specified in CMS 606.

POSTS: Posts may be constructed of wood or steel. Wood posts may be round or 6"x8" square-sawed.

NOTES

Use round wood posts on runs of single-sided rail. The round posts shall be 8"±1 in diameter at the top and not more than 3" larger at the butt with a uniform taper.

Fabricated wood posts with square ends. Posts shall be pressure-treated as per CMS 710.14. Bore bolt holes and, if required, trim the tops of posts after the posts are set.

Steel posts are to be W6x9 or W6x8.5 galvanized steel. Use the same type of post throughout the length of the project unless otherwise specified in the plans or permitted by the Engineer.

All posts are 6'-0" long unless specified otherwise in the Contract Document. Posts may be set in drilled holes or may be driven to grade.

WELDED BEAM POSTS: Welded beam guardrail posts may be used for Item 606, Guardrail, provided the web and flange sizes are as shown here. Welding of the web to the flanges must comply with ASTM A 769, Class 1, using Grade 36 steel [250 MPa yield point] with the following exceptions:

- Sec. 7.2 Test reports of tensile properties for each lot shall accompany each shipment.
- Sec. 12 Beams that have imperfections repaired by welding shall not be accepted for use in Item 606.
- Sec. 13 Random samples shall be tested by the Department from materials delivered to the project site, or other locations designated by the Laboratory.

ALTERNATE POSTS: Engineered guardrail posts having met NCHRP 350 criteria, and listed on the **Office of Materials**Management's Approved List are permitted as an equal alternate when installed according to the Manufacturer's instructions and within the limitations shown on the Approved List.

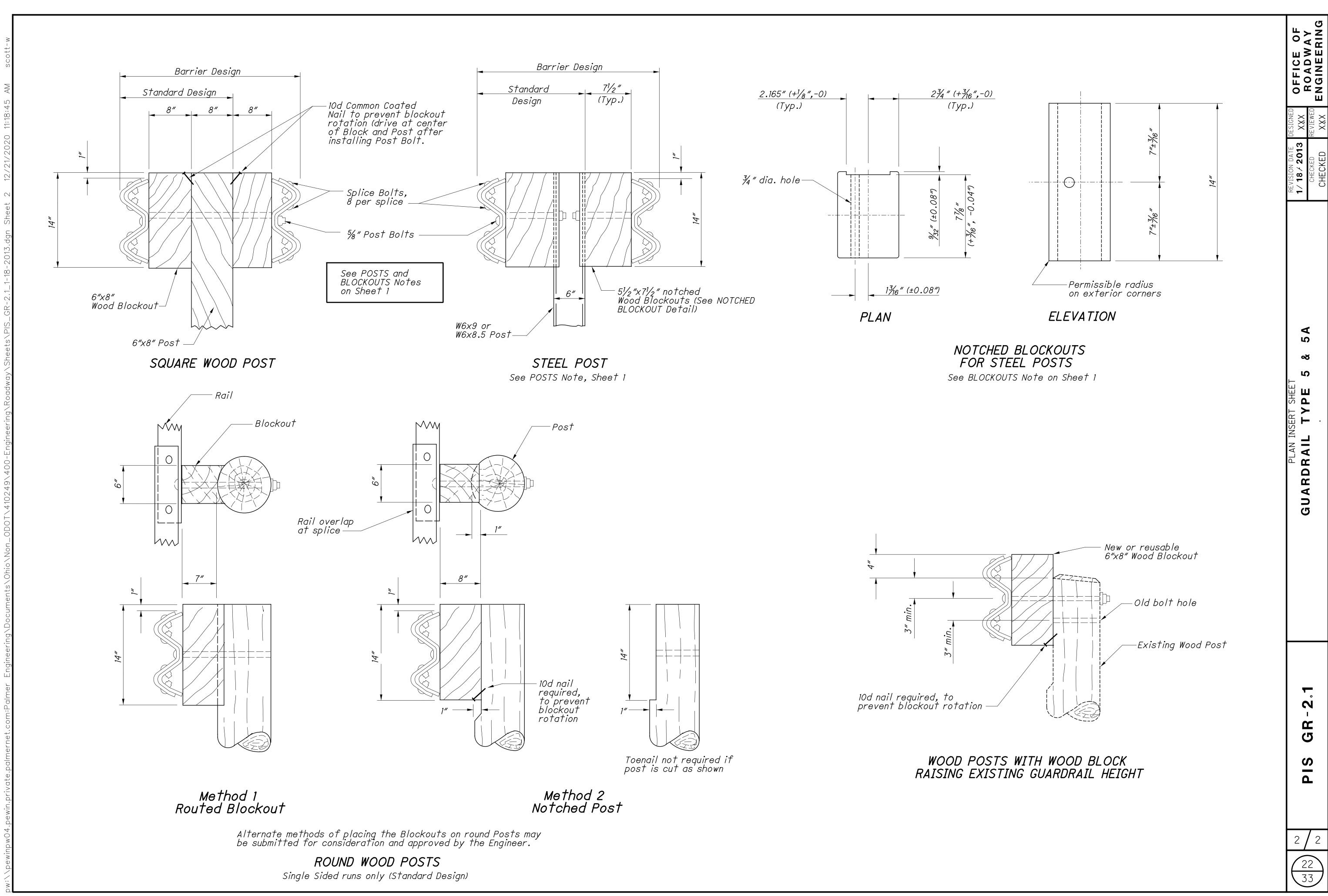
BLOCKOUTS: Blockout dimensions are dependent on post used. Wood Blockouts are to be pressure treated as specified in CMS 710.14. Bore bolt holes. Approved alternate blockouts may be used in lieu of the wood blockouts shown. The approved list is maintained by the Office of Roadway Engineering.

WASHERS: Install appropriate sized standard galvanized steel washers on the nut side of bolts installed on wood posts.

DELINEATION: For barrier reflectors, see CMS 626.

MISCELLANEOUS: For other guardrail details, see SCD GR-1.1.

STEEL BEAM POSTS (English)							
Size	Beam depth	Flange width	Flange thickness	Web thickness			
Rolled W6x8.5	5.8"	3.94"	0.193"	0.170"			
Rolled W6x9	5.9"	3.94"	0.215"	0.170"			
Welded 6x8.5	6.0"	3.94"	0.193"	0.170"			
Welded 6x9	6.0"	3.94"	0.215"	0.170"			



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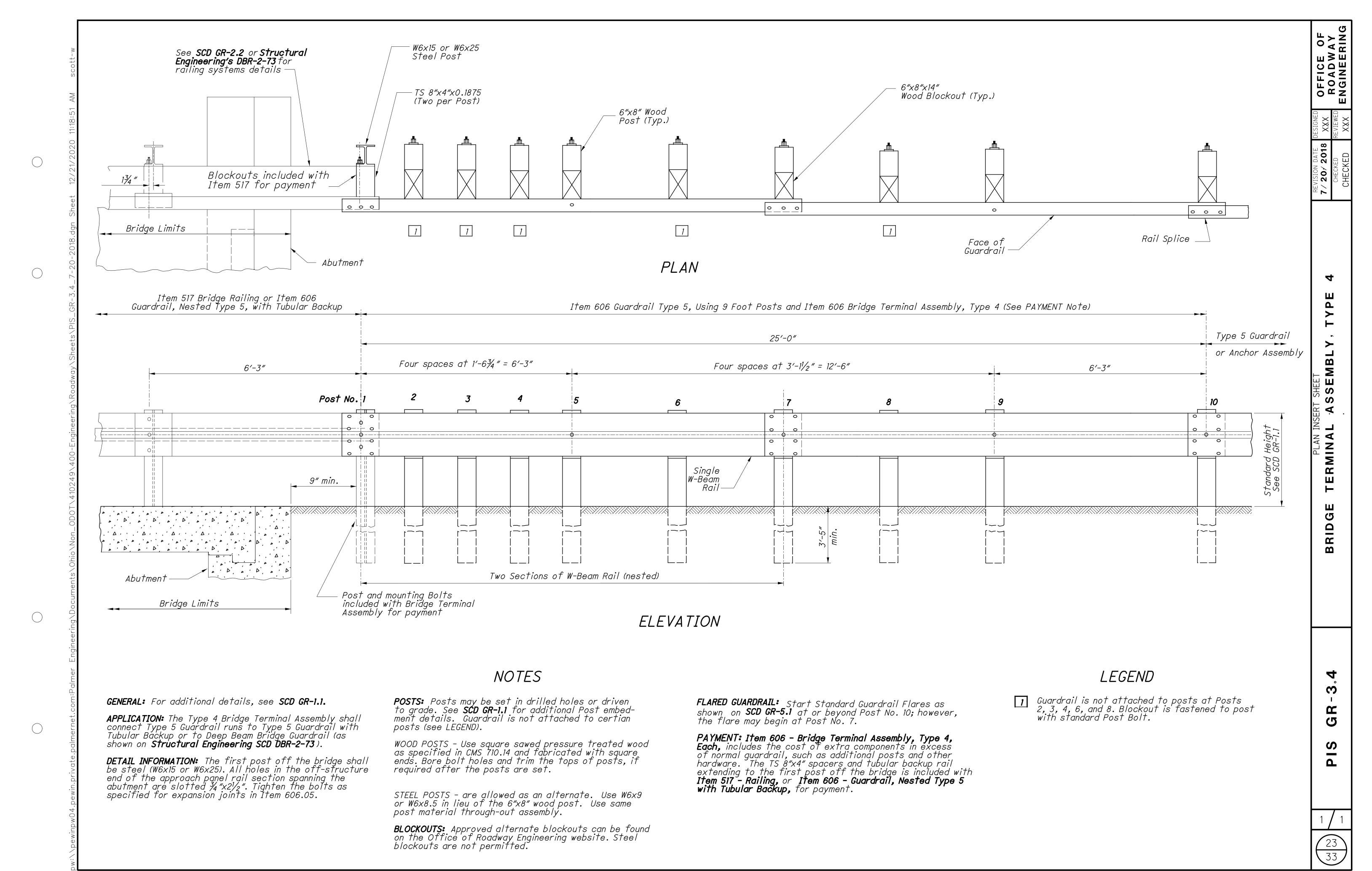
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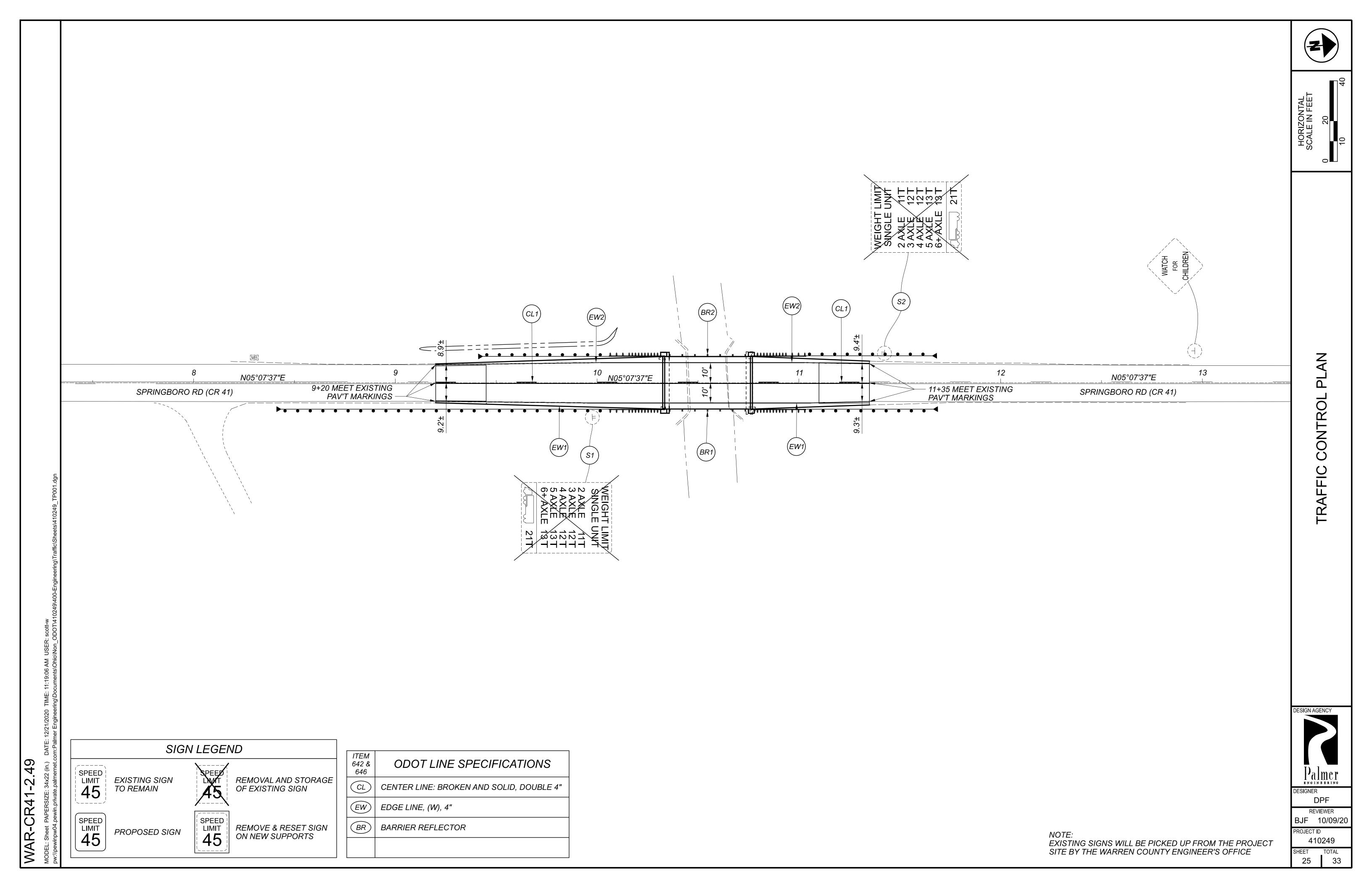
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REF. NO.	SHEET NO.	STATION		LENGTH	SIDE/ LOCATION	EDGE LINE (W) 4"	CENTER LINE: BROKEN AND SOLID, DOUBLE, 4"	EDGE LINE (W) 4"	CENTER LINE: BROKEN AND SOLID, DOUBLE, 4"	BARRIER REFLECTOR, TYPE 2, S BIDIRECTIONAL
		FROM	TO			MILE	MILE	MILE	MILE	EACH
CL1	27	9+20.00	11+35.00	215.00	CL		0.04		0.01	
EW1	27	9+20.00	11+35.00	215.00	RT	0.04		0.01		
EW2	27	9+20.00	11+35.00	215.00	LT	0.04		0.01		
DD1	27	0.42.54	11 . 66 . 40	222.07	DT					0
BR1	27	8+43.51	11+66.48	322.97	RT					8
BR2	27	9+43.51	11+88.50	244.99	LT					6
	TOTALS CARRIED TO GENERAL SUMMARY						0.04	0.02	0.01	14

						630		
REFERENCE NO.	SHEET NO.	STATION	LOCATION/ DESCRIPTION	CODE	SIZE (INCHES)	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE		
						EA		
S1	27	9+98	RT - WEIGHT LIMITS			1		
S2	27	11+42	LT - WEIGHT LIMITS			1		
	TOTALS CARRIED TO GENERAL SUMMARY							



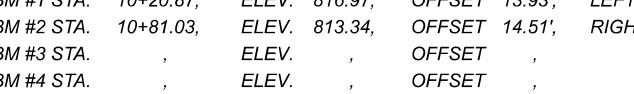
SHEET TOTAL 24 33



WAR-CR41-2

BENCHMARK DATA

LEFT BM #1 STA. 10+20.87, ELEV. 816.97, OFFSET 13.93', ELEV. 813.34, OFFSET 14.51', RIGHT 10+81.03, ELEV. OFFSET



FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

2020 ADT = 15002020 ADTT = 182040 ADTT = 222040 ADT = 1800DIRECTIONAL DISTRIBUTION = 0.60

EXISTING STRUCTURE

TYPE: PRESTRESSED CONCRETE BOX BEAMS WITH ASPHALT WEARING SURFACE ON REINFORCED CONCRETE ABUTMENTS WITH HP12X53 PILES

ROADWAY: 24'-0"± F/F RAILING

LOADING: HS20-44

WEARING SURFACE: ASPHALT OVERLAY

ALIGNMENT: TANGENT

STRUCTURAL FILE NUMBER: 8331774

DATE BUILT: 1995

DISPOSITION: SUPERSTRUCTURE TO BE REPLACED

PROPOSED STRUCTURE

TYPE: PRESTRESSED CONCRETE BOX BEAMS WITH COMPOSITE CONCRETE DECK ON EXISTING REINFORCED CONCRETE ABUTMENTS WITH HP12X53 PILES

SPANS: 41'-6" C/C BEARING

ROADWAY: 26'-0" FACE/FACE RAILING

LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE

WEARING SURFACE: 1" MONOLITHIC CONCRETE

APPROACH SLABS: NONE ALIGNMENT: TANGENT CROWN: 0.016 FT/FT DECK AREA: 1157

COORDINATES: LATITUDE 39° 31' 23.67"

LONGITUDE 84° 12' 53.35"

BULL -0249 OVER WAR-CR41 ROAD PLAN RIDGE NO. W BF SP

8331775

ESIGNER CHECKER MJS LAB

REVIEWER

BJF 10/12/20

410249

PROJECT ID

26

ESIGN AGENCY

HORIZONTAL SCALE IN FEET

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

 DBR-2-73
 REVISED
 07-19-02

 PSBD-2-07
 REVISED
 07-20-18

 DS-1-92
 REVISED
 07-18-03

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL, 2007.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 8TH EDITION, AND THE ODOT BRIDGE DESIGN MANUAL. 2020.

DESIGN LOADING:

HL-93 AND FUTURE WEARING SURFACE (FWS) OF 60 PSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4500 PSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4000 PSI (SUBSTRUCTURE)

REINFORCING STEEL - MINIMUM YIELD STRENGTH 60,000 PSI CONCRETE FOR PRESTRESSED BEAMS:

COMPRESSIVE STRENGTH (FINAL) = 5500 PSI

COMPRESSIVE STRENGTH (RELEASE) = 4000 PSI

PRESTRESSING STRAND

AREA = 0.167 sg in

ULTIMATE STRENGTH = 270 KSI

INITIAL STRESS = 202.5 KSI (LOW RELAXATION STRAND)

DECK PROTECTION METHOD:

EPOXY COATED REINFORCING STEEL
2½" CONCRETE COVER
STEEL DRIP STRIP
SRS TREATMENT
SEALING OF CONCRETE SURFACES

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1" THICK ITEM 202 PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

THE ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER.

AFTER THE SUPERSTRUCTURE REMOVAL, REMOVE EXISTING BEAM ANCHOR DOWELS FROM ABUTMENT SEATS BY CORING THE CONCRETE AROUND THE DOWELS. REMOVE EXISTING ABUTMENT WINGWALLS AND BACKWALLS. IF PRESENT, DOWN TO THE EXISTING BEAM SEAT ELEVATIONS.

THE USE OF EXPLOSIVES, HEADACHE BALLS, AND/OR HOE RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL AND THE WEIGHT OF THE HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE, OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILD STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

NOTE THAT THE ACTUAL WIDTH AND DEPTH OF THE EXISTING ABUTMENT CONCRETE BACKWALLS IS UNKNOWN. REMOVE SUFFICIENT WIDTH OF EXISTING BACKWALL BEYOND THE ENDS OF THE PROPOSED END DIAPHRAGMS AND DEPTH BELOW BEAM SEATS TO ALLOW FOR INSTALLATION OF A MINIMUM WIDTH OF 2'OF ITEM 304 SELECT GRANULAR BACKFILL AS SHOWN IN SECTION A-A ON SHEET 6/8.

MEASUREMENT AND 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. AS PER PLAN.

CONSTRUCTION JOINT PREPARATION

INSTALL DOWEL BARS, AS 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. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

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 CMS SECTIONS 102.05 AND 105.02
BASE CONTRACT BID PRICES ON A RECOGNITION OF THE
UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID
EXAMINATION OF THE EXISTING STRUCTURE.

BEARING PAD SHIMS:

PLACE 1/8" THICK PREFORMED BEARING PAD SHIMS, PLAN AREA
12" X 12", UNDER THE ELASTOMERIC BEARING PADS WHERE REQUIRED
FOR PROPER BEARING. FURNISH TWO SHIMS PER BEAM. THE
DEPARTMENT WILL MEASURE THIS ITEM BY THE TOTAL NUMBER
SUPPLIED. THE DEPARTMENT WILL PAY FOR ACCEPTED
QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516 - 1/8"
PREFORMED BEARING PADS. ANY UNUSED SHIMS WILL BECOME
THE PROPERTY OF THE WARREN COUNTY ENGINEER.

DECK PLACEMENT DESIGN ASSUMPTIONS

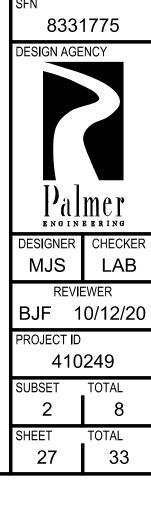
THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURES ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.236 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103 INCHES.

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 INCHES.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 59 INCHES.



BULL

ER

0

ROAD

0

SPRINGBOR

-0249

-CR4

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9

BRIDGE

GENERAL

Palmer BNG IN B ER ING

DESIGNER CHECKER
MJS LAB

REVIEWER
BJF 10/12/20

410249

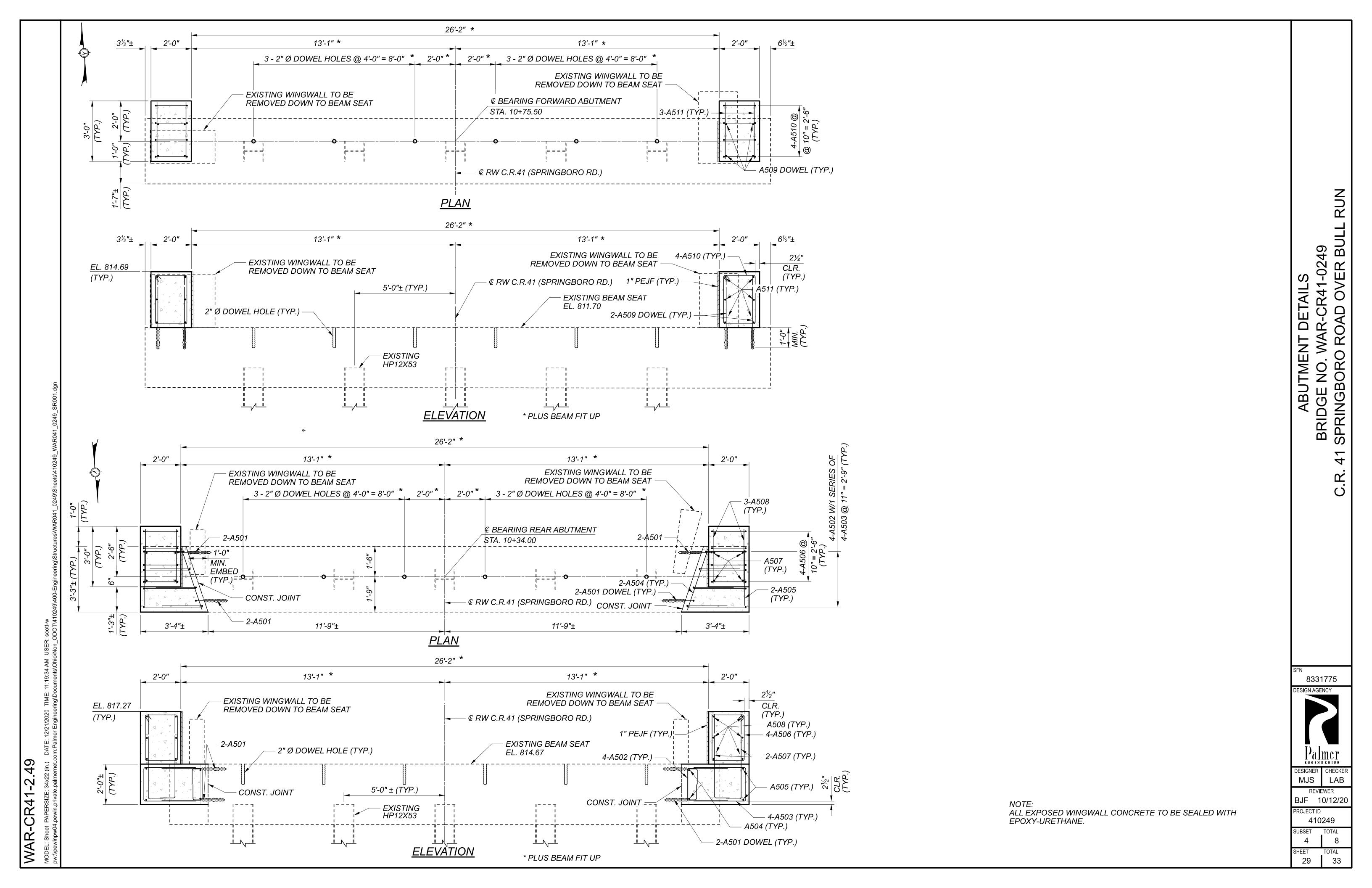
SHEET TOTAL 33

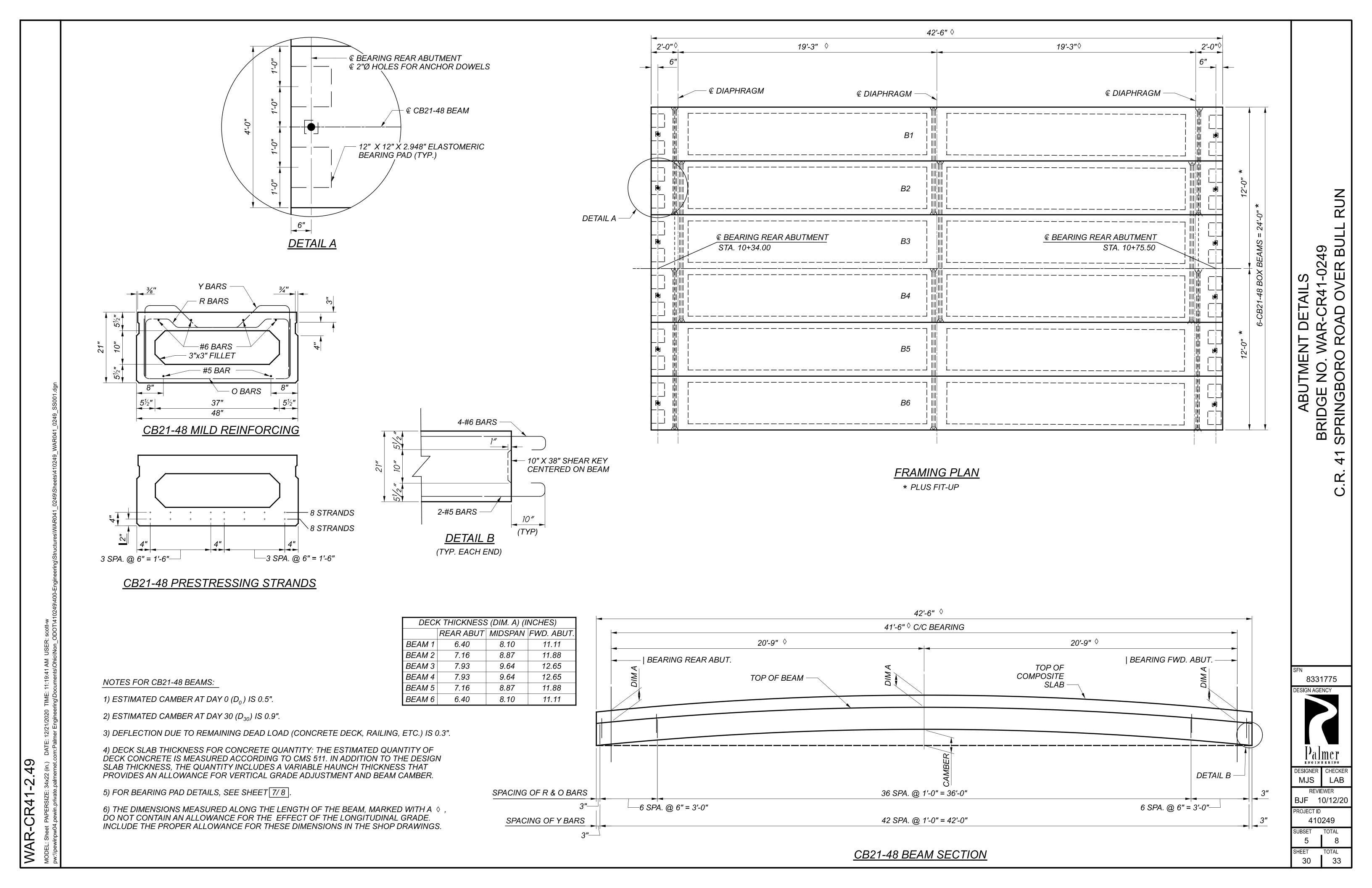
PROJECT ID

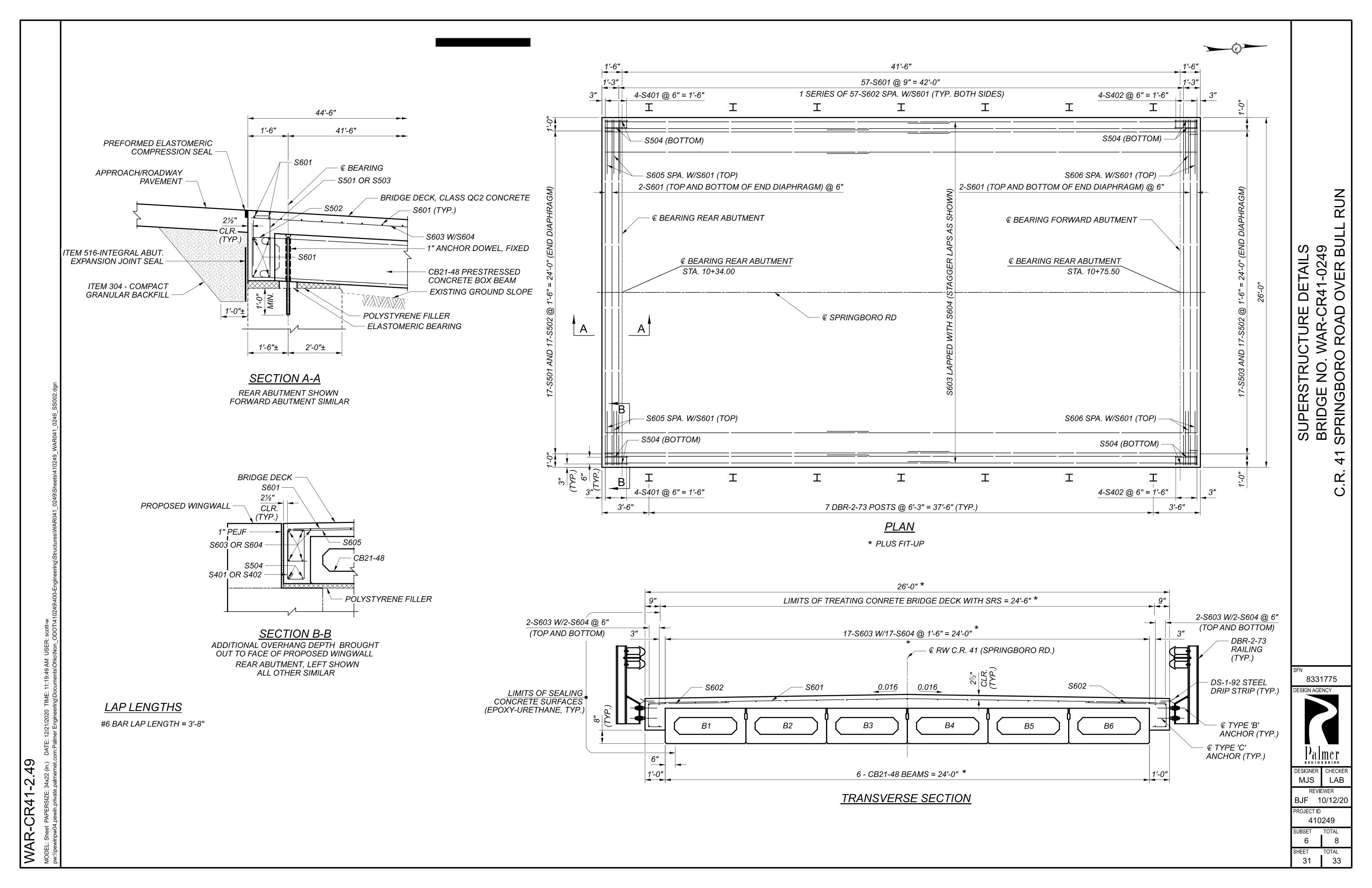
DESIGN AGENCY

	ECTIMATED OLIANITITIES		CALCULATED: MJS		CHECKED: LAB			
				ESTIMATED QUANTITIES	DATE: 10/7	7/2020	DATE: 10/7/2	<i>?</i> 020
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SUB	SUPER	GENERAL	SHEET
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				21
202	23500	112	SY	WEARING COURSE REMOVED			112	
304	20000	27	CY	AGGREGATE BASE	27			
503	21300	LS		UNCLASSIFIED EXCAVATION				
509	10000	6,276	LB	EPOXY COATED REINFORCING STEEL	417	5,859		
510	10000	16	EACH	DOWEL HOLES WITH NONSHRINK NONMETALLIC CROLLT	16			
510 511		35		DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	10	35		
	31610		CY	CLASS QC2 CONCRETE, ABUTAENT	1	35		
511	45710	70	CY	CLASS QC1 CONCRETE, ABUTMENT	4	40		
512	10100	70	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	30	40		
512	10400	122	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS		122		
515	12050	6	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-48, 42.5' LONG		6		
516	10000	52	FT	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL			52	
516	13600	29	SF	1" PREFORMED EXPANSION JOINT FILLER			29	
516	14014	61	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	61			
516	41100	12	EACH	1/8" PREFORMED BEARING PAD	12			
516	43200	24	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (12"x12"x2.95")	24			
517	72300	99	FT	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS)		99		
SPECIAL	51822300	113	FT	STEEL DRIP STRIP		113		

WAR-CR41-2.49







	10/100 En
: scott-w	COLVITORO
AM USER	, uoly/oide
11:19:56)\otuomio
20 TIME:	
SIZE: 34x22 (in.) DATE: 12/21/2020 TIME: 11:19:56 AM USER: scott-w	arivate collection Company Company Engineering Decriments (Ohio/New ODOT/440240)
34x22 (in.)	nalmarnat
SIZE:	orivoto

WAR-CR41

POINT

€ BEAM 1

STATION

SCREED ELEVATION

STATION

FINAL DECK SURFACE ELEV.

UNFACTORED LOAD (KIPS)

LOAD

47.0

LIVE LOAD

DEAD

LOAD

ABUTMENTS 18.1 28.9

LOCATION

LEFT FASCIA FINAL DECK SURFACE ELEV.

C DEAM 2	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
<i>⊈ BEAM 2</i>	FINAL DECK SURFACE ELEV.	817.30	816.70	816.09	815.49	814.89
C DEAM 2	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
<i>⊈ BEAM 3</i>	FINAL DECK SURFACE ELEV.	817.36	816.76	816.16	815.56	814.95
	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
PROFILE	FINAL DECK SURFACE ELEV.	817.39	816.79	816.19	815.59	814.99
GRADE	SCREED ELEVATION	817.39	816.81	816.21	815.61	814.99
C DEAM A	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
€ BEAM 4	FINAL DECK SURFACE ELEV.	817.36	816.76	816.16	815.56	814.95
€ BEAM 5	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
	FINAL DECK SURFACE ELEV.	817.30	816.70	816.09	815.49	814.89
6.05444.6	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
<i>⊈ BEAM</i> 6	FINAL DECK SURFACE ELEV.	817.23	816.63	816.03	815.43	814.83
	STATION	10+34.00	10+44.38	10+54.75	10+65.13	10+75.50
RIGHT FASCIA	FINAL DECK SURFACE ELEV.	817.19	816.58	815.98	815.38	814.78
	SCREED ELEVATION	817.19	816.60	816.01	815.40	814.78

DECK ELEVATIONS

0.25 L

10+44.38

816.58

816.60

10+44.38

816.63

0.5 L

10+54.75

815.98

816.01

10+54.75

816.03

₡ BEARING

FWD. ABUT.

10+75.50

814.78

814.78

10+75.50

814.83

0.75 L

10+65.13

815.38

815.40

10+65.13

815.43

NO. OF STEEL

(14 GAUGE)

0.25

0.40

OF ti LAMINATES REQUIRED

NUMBER

24

⊈ BEARING

REAR ABUT.

10+34.00

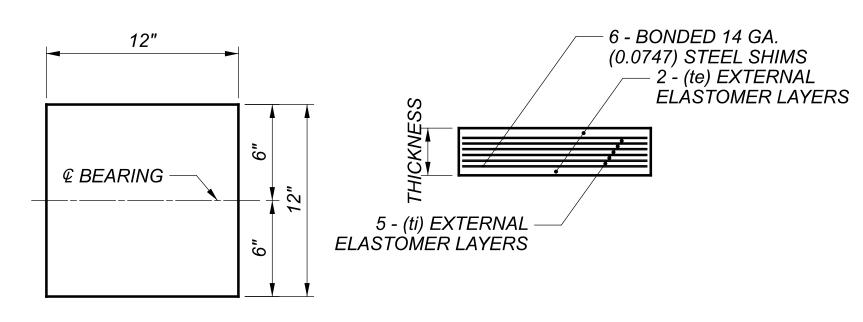
817.19

817.19

10+34.00

817.23

-	•				44'-6"				→
		I	I	I	Ŧ	I	I	I	
- 						LEFT FASCIA			——
∉ B2									
€ B3		© BEARING RI STA. 10+34.00	EAR ABUTMENT	€ 0.50 POINT STA. 10+54.75 € 0.25 POINT STA. 10+44.38		<u> € 0.75 POINT</u> STA. 10+65.13	<u> </u>	FWD ABUTMENT STA. 10+75.50	—- € B3 0-,92
€ B4				© SPRINGBO	PRO RD				€ B4
€ B5									—— <i>€ B</i> 5
— <i>⊊ B</i> 6						RIGHT FASCIA—			——-
		Ī	I	I	I PLAN	I	T	I	Ţ



BEARING DESIGN DATA

MAXIMUM DESIGN WIDTH LENGTH THICKNESS

12

12

DIMENSION (IN)

2.95

BEARING PAD DETAILS

26'-0" * 13'-0" * 13'-0" * *Q PROFILE GRADE/SPRINGBORO RD.* ⊈ B1 € B3 € B6 € B2 *⊈* B4 € B5 0.016 0.016 2'-0" 2'-0" 2'-0" 1'-0" 1'-0" 2'-0" 6 - CB21-48 BEAMS = 20'-0" *C/C

ELACTOMERIC BEARINGS NOTES

DEAD LOAD = 18.12 KIPS (UNFACTORED)

LIVE LOAD = 28.85 KIPS (UNFACTORED, WITHOUT DYNAMIC ALLOWANCE)

TOTAL LOAD = 46.97 KIPS (UNFACTORED)

1) THE ELASTOMER SHALL HAVE HARDNESS OF 50 DUROMETER.
THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6.
(METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6)
IS NOT REQUIRED.

2) FOR BEARING PAD LOCATIONS, SHEE SHEET 5/8.

TRANSVERSE SECTION

* PLUS FIT-UP

DECK ELEVATION NOTES

1) SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.

2) FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURRED. SFN

8331775

DESIGN AGENCY

PROJECT ID

410249

SUBSET TOTAL

7 8

SHEET TOTAL

32 33

DESIGNER CHECKER

MJS LAB

REVIEWER

BJF 10/12/20

410249

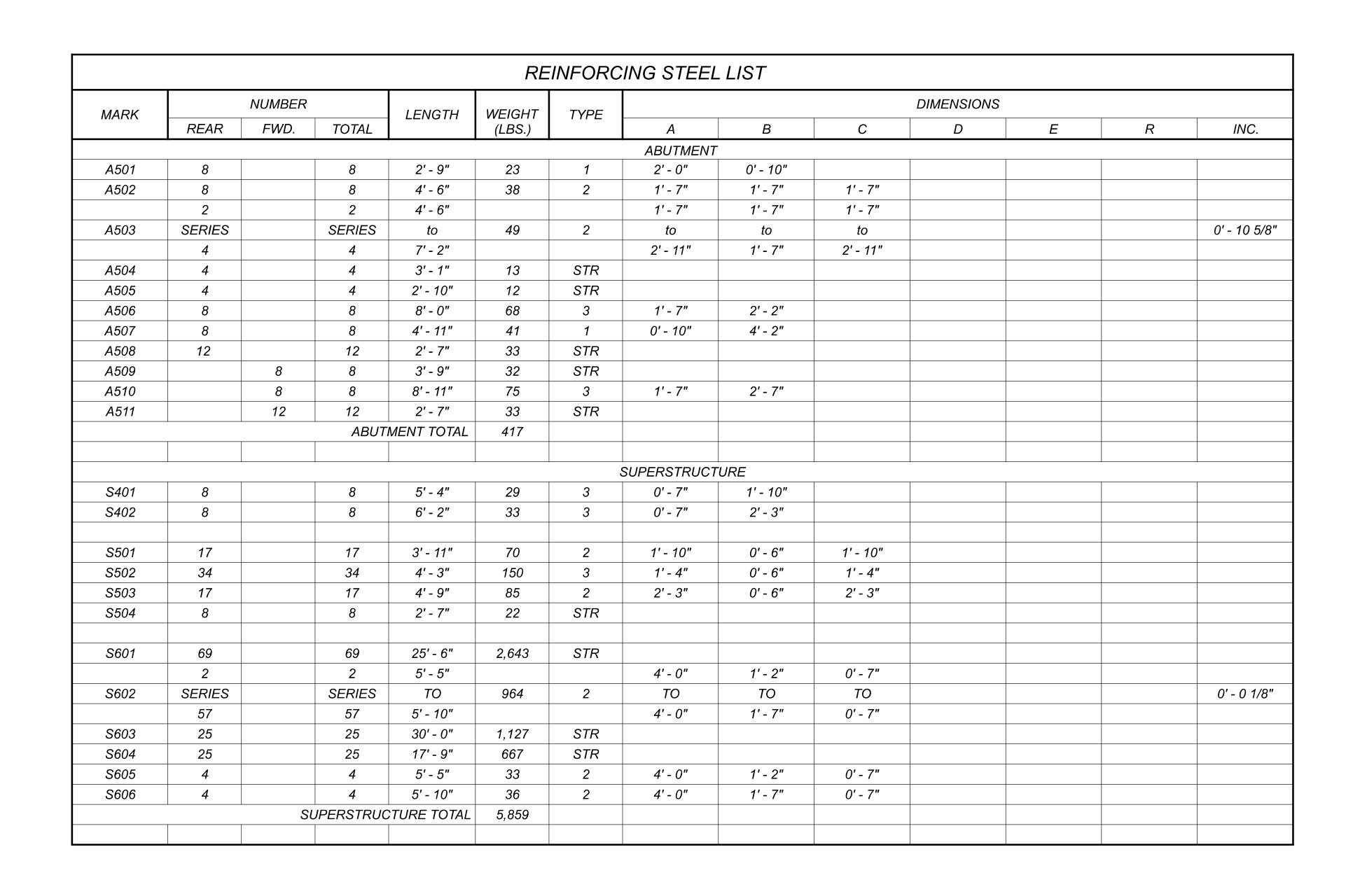
PROJECT **I**D

ESIGN AGENCY

	0249\Sheets\410249\
∂: scott-w	ng\Documents\Ohio\Non_ODOT\410249\400-Engineering\Structures\WAR041_0249\Sheets\410249_\
DATE: 12/21/2020 TIME: 11:20:03 AM USER: scott-	ivate.palmernet.com:Palmer Engineering\Documents\Ohio\Non_
34x22 (in.)	private palmernet co

WAR-CR41-2.49

1	 	
B	V U	В
A	B	A
TYPE-1	TYPE-2	TYPE-3



BID/CONTRACT DOCUMENTS SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT

ON BEHALF OF NEIL F. TUNISON WARREN COUNTY ENGINEER

WARREN COUNTY BOARD OF COMMISSIONERS 406 JUSTICE DRIVE LEBANON, OHIO 45036 (513) 695-1250

PROPOSAL PRICE (BID) SHEET

SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT BID PROPOSAL

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
	ROADWAY				
201	Clearing and Grubbing, As Per Proposal Note	1	Lump		
202	Pipe Removed, 24" and Under	31	FT		
202	Guardrail Removed	219	FT		
203	Excavation, including Asphalt Pavemen	202	CY		
203	Embankment	97	CY		
204	Subgrade Compaction	338	SY		
909	Guardrail, Type 5, Using 9 Foot Posts	237.5	FT		
909	Anchor Assembly, Type E, Using 9 Foot Post	4	Each		
909	Bridge Terminal Assembly, Type 4, Using 9 Foot Post	4	Each		
				Sub-Total =	
	- AND AND AND AND AND AND AND AND AND AND				
	EROSION CONTROL				
629	Topsoil	39	CY		
629	Seeding and Mulching	353	SY		
629	Repair Seeding and Mulching	18	SY		
629	Inter-Seeding	18	SY		
629	Commercial Fertilizes	0.05	Ton		
659	Lime	0.08	Acre		
659	Water	2	M Gal		
832	Erosion Control	2,500	Each	\$ 1.00	\$ 2,500.00
				Sub-Total =	
	PAVEMENT				
254	Pavement Planing, Asphalt Concrete	104	SY		
301	Asphalt Concrete Base, PG 64-22	150	Ton		
407	Tack Coat	43	Gal		
441	Asphalt Concrete Surface Course, Type 1, (448), PG 64-22	36	Ton		
441	Asphalt Concrete Intermediate Course, Type 1, (448), PG 64-22	28	Ton		
				Sub-Total =	

SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT BID PROPOSAL

Item	Description	Quantity	Unit	Unit Fotal Cost	
				The state of the s	
	TRAFFIC CONTROL				
626	Barrier Reflector, Type 2 (Bi-Directional	14	Each		
630	Removal of Ground Mounted Sign and Storage	2	Each		
642	Edge Line, 4 inch, Type 1	0.08	Mile		
642	_	0.04	Mile		
646		0.02	Mile		
646	-	0.01	Mile		
				Sub-Total =	
	Total Control				
	MISCELLANEOUS				
614	-	1	Lump		
623		1	Lump		
624	Mobilization	1	Lump		
				Sub-Total =	
	THE PERSON NAMED IN COLUMN NAM				

SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT BID PROPOSAL

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
	BRIDGE				
202	Portions of Structure Removed, Over 20 Foot Span, As Per Plan	_	Lump	*****	William
202	Wearing Course Removec	122	SY		
304	Aggregate Base, As Per Proposal Note	27	CY		
503	Unclassified Excavation, As Per Proposal Note	1	Lump		
509	Epoxy Coated Reinforcing Stee	6,261	Pounds		
510	Dowel Holes with Nonshrink, Nonmetallic Grou	16	Each		
511	Class OC 2 Concrete, Superstructure, As Per Proposal Note	35	CY		
511	Class OC 1 Concrete, Abutment, As Per Proposal Note	4	CY		
512	Sealing of Concrete Surfaces (Epoxy Urethane), As Per Proposal Not	70	SY		
512	Treating Concrete Bridge Deck with SRS, As Per Proposal Not	122	SY		
515	Prestressed Concrete Composite Box Beam Bridge Members, Level 1, CB21-4:	9	Each		
516	Preformed Elastomeric Compression Joint Sea	52	FT		
516	1" Preformed Expansion Joint Filler	29	SF		
516	Integral Abutment Expansion Joint Sea	61	FT		
516	1/8" Preformed Bearing Pads	12	Each		
516	Elastromeric Bearing with Internal Laminates Only (12" x 12" x 3"	24	Each		
517	Railing (Deep Beam Rail with Steel Tubular Backup and Type 2 Steel Posts	66	FT		
518	Special - Steel Drip Strir	113	FT		
				Sub-Total =	
			Tot	Total Bid Price =	

BID PROPOSAL

Proposal for the Springboro Road Bridge #41-2.49 Rehabilitation Project. This work consists of rehabilitating the existing bridge and completing the related roadway items along Springboro Road. The project shall be as per plans and specifications as provided by the Warren County Engineer.

The undersigned do hereby propose to furnish all labor, materials, tools, equipment, etc., necessary to construct this project for the Warren County Engineer's Office. The above quotations to be in full force and effect for sixty (60) days after the date of opening bids. The full name and address of all persons and parties interested in the foregoing bids as principals are as follows:

TOTAL BID PRICE \$	

The contract will be awarded to the best and most responsive bid based on the qualifications of the Contractor and the total price of the Total Bid Price.

SIGNED

PRESIDENT	COMPANY
SECRETARY	BY
	TITLE
DATE	ADDRESS

EXCEPTION SHEET

<u>Exceptions</u>: Exceptions to any bid specification must be clearly stated on this sheet. This sheet must be submitted with each bid. If there are no exceptions, please indicate "none" below.

1)		
2)		
3)		
7)		
8)	 	
9)		
10)		

BIDDER IDENTIFICATION

ATTENTION BIDDER:	Please fill out this form and submit with your bid.
COMPANY NAME:	
CHIEF EXECUTIVE OFFICER:	
ADDRESS:	
PHONE NUMBER:	
FAX NUMBER:	
PROJECT CONTACT PERSON:	
PHONE NUMBER:	
E-MAIL ADDRESS:	
FEDERAL ID#:	
WEBSITE ADDRESS:	

TABLE OF CONTENTS

Proposal Price (Bid) Sheet
Exception Sheet
Bidder Identification

	Bidder Identification
A)	Invitation to Bidders
	Directions to Warren County Administration Building
В)	General Instructions to Bidders
C)	Noncollusion Affidavit
D)	Bid Guaranty & Contract Bond
E)	Performance Bond
F)	Contract
G)	Bond & Insurance Requirements
H)	Experience Statement
I)	Affidavit of Non-Delinquency of Real and/or Personal Property Tax
J)	Non-Discrimination and Equal Employment Opportunity Requirements and Affidavit
K)	Findings for Recovery Affidavit
L)	Wage Rate Determination

Special Provisions/Technical Specifications

M)

SECTION A INVITATION TO BIDDERS

INVITATION TO BIDDERS

Separate sealed bids for the Springboro Road Bridge #41-2.49 Rehabilitation Project will be received by the Warren County Board of Commissioners at the Office of the Warren County Commissioners, 406 Justice Drive, Lebanon, Ohio 45036, until 9:00 a.m., March 2, 2021, and then at said time publicly opened and read aloud.

Bid documents and specifications are available online at the Warren County's Website at www.co.warren.oh.us/commissioners/bids. Questions regarding the technical specifications should be directed to Dominic Brigano, Warren County Engineer's Office, at (513) 695-3313. Each contractor shall be ODOT prequalified. Each bid shall contain the full name of each person or company submitting the bid and be accompanied by a bid bond for the full amount of the bid or a certified check in the amount equal to ten (10) percent of the bid.

To access bid project information, under the "Your Government" heading click on the "Board of Commissioners" tab, then click on the "Bid Projects" tab and choose the project you wish to obtain information about. Please contact the Warren County Commissioners Office at (513) 695-1250 if you have trouble with this procedure or if you need additional information on accessing bid project information on our website.

If the contractor would like to bid the project, they must contact <u>Kiana.Hawk@co.warren.oh.us</u> to be put on the bidders list. Please be aware that if you are downloading this document to bid this project, addendums to the scope may be issued prior to the bid date. In order to stay updated on any change, please email Kiana Hawk in the Commissioners' Office at <u>Kiana.Hawk@co.warren.oh.us</u> with your contact information.

A Bid guaranty, as required by Ohio Revised Code, Section 153.54, shall accompany each proposal submitted, as follows:

1. A Certified check, cashiers check, or letter of credit equal to ten (10) percent of the bid. A letter of credit may only be revocable by the Owner. Upon entering into a contract with the Owner, the contractor must file a performance bond for the amount of the contract, and the bid guaranty will then be returned to the successful and unsuccessful bidders upon contract execution.

OR

2. A form of bid guaranty bond (attached) for the full amount of the bid. Such bond is retained for the successful bidder, but returned to unsuccessful bidders after the contract is executed.Attention of bidders is called to all of the requirements contained in the bid packet. No bidder may withdraw his/her bid within sixty (60) days after the actual date of the opening thereof. All bids shall be properly signed by an authorized representative of the bidder.

All bids shall be sealed and plainly marked "Bid Opening – SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT, MARCH 2, 2021 @ 9:00 A.M."

Warren County reserves the right to reject any or all bids submitted, to waive any irregularities in bids, and enter into a contract with the Bidder who in Warren County's consideration offered the lowest and best bid.

By order of the Board of County Commissioners, County of Warren, State of Ohio.

Tina Osborne,	Clerk	



DIRECTIONS FROM INTERSTATE HIGHWAYS 71 & 75 TO

COUNTY ADMINISTRATION BUILDING

MAINESVILL

189

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BUTLERVILLE PLEASANT PLAIN

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TRI-STATE REGION COUNTIES

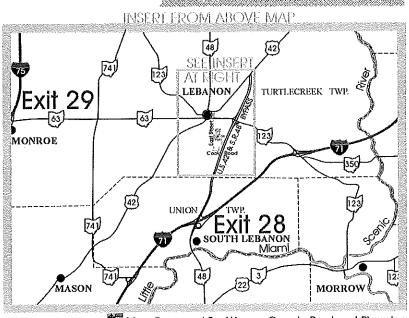


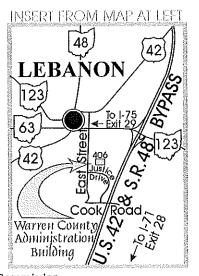
FROM INTERSTATE 75:

- Take Monroe / Lebanon Exit 29,
- Head East on S. R. 63 Into Lebanon,
- Turn right onto East Street,

- Turn left onto Justice Drive,
 Turn left into parking lot,
 At first driveway on left.

- FROM INTERSTATE 71: Take Lebanon / South Lebanon Exit 28, Head North on U. S. 42 / S. R. 48 Bypass, Turn left onto Cook Road at traffic light,
- Turn at first right onto Justice Drive, Turn right at first street on right,
- Then left into parking lot at first left.





Map Prepared By: Warren County Regional Planning Commission

SECTION B GENERAL INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS TO BIDDERS

1. Receipt and Opening of Bids: The Warren County Board of Commissioners (herein referred to as "Owner"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at the Office of the Warren County Board of Commissioners until 9:00 a.m., March 2, 2021, and then at said office publicly opened and read aloud. The envelopes containing the bids must be sealed, addressed to Warren County Board of Commissioners at 406 Justice Drive, Lebanon, Ohio 45036. Bids shall be submitted in a sealed envelope clearly marked "BID OPENING – SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT, MARCH 2, 2021 @ 9:00 A.M."

The Owner may consider informal any bid not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof.

- 2. Withdraw of Bid: A Bidder may withdraw his bid from consideration if the price bid was substantially lower than the other bids, provided the bid was submitted in good faith and the reason for the price being substantially lower was a clerical mistake as opposed to a judgment mistake and was actually due to an unintentional omission of a substantial quantity of work, labor or material made directly in the compilation of the bid. Request to withdraw such bid must be made in writing and filed with the Owner within two business days after the opening of bids and prior to the acceptance thereof.
- 3. <u>Preparation of Bid</u>: Each bid must be submitted on the prescribed form and such documents as hereunder described. All blank spaces for bid prices must be filled in, in ink or typewritten, in both words and figures, and the foregoing certifications must be fully completed and executed when submitted.
- 4. <u>Method of Bidding</u>: The Owner invites the following bid(s):

SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT

Bids shall be submitted at the time and place indicated in the Invitation to Bidder and shall be included in a sealed envelope, marked with the project title and name and address of the bidder and accompanied by the bid security and other required documents.

Bids may be modified or withdrawn by an appropriate document duly executed (in the manner that a bid must be executed) and delivered to the place where bids are to be submitted at any time prior to the opening of bids.

The Owner invites unit price bids for the construction described in the plans and specifications. These unit prices shall be extended by estimated quantities to develop a total price for the project.

If the total price received from the lowest and best bidder exceeds the amount of funds available to finance the contract, the Owner may:

- a. Reject all bids;
- b. Augment the funds available in an amount sufficient to enable award to the lowest and best bidder;
- c. Reduce the scope of work by eliminating certain items of work to produce a total bid which is within available funds;
- d. Reduce the scope of work by reducing the quantity of certain items of work to produce a total bid which is within available funds;
- e. Reduce the scope of work by a combination of adjustments as outlined in "c" and "d" above to produce a total bid which is within available funds.
- f. The Owner may reject all bids or may award the contract on the base bid or on the base bid combined with additions or deductible alternates as produces a net amount which is within the available funds.
- g. The Owner may consider informal and may reject any bid not prepared and submitted in accordance with the provisions hereof. The Owner reserves the right to reject all bids, to waive any informalities or irregularities in the bids received, and to accept any bid which is deemed lowest and best.
- 5. Qualification of Bidder: The Owner may make such investigations as he/she deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein; conditional bids will not be accepted.
- 6. Bid Security: Each bid must be accompanied by cash, certified check of the bidder, letter of credit equal to ten (10) percent of the bid, or a bid bond prepared on the form of bid bond attached hereto, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner. (See Invitation to Bidders for required amounts) Such cash, checks or bid bonds will be returned to bidders after the Owner has awarded the bid and has executed the contract, or, if no award has been made within 60 days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he/she has not been notified of the acceptance of his/her bid.
- 7. Liquidated Damages for Failure to Enter into Contract: Submission of a bid shall be a representation by the Contractor that it has fully reviewed and is familiar with the Contract and all contract documents as defined in the contract and will execute the contract if awarded the bid. The successful bidder, upon his/her failure or refusal to execute and deliver the Contract (attached hereto) and required bonds within 10 days after he/she has received notice of the acceptance of his/her bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his/her bid.

- 8. <u>Time of Completion and Liquidated Damages</u>: Bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete the project in 10 weeks after written notice-to-proceed has been issued and a preconstruction meeting has been held. The completion date may be extended in the event of adverse weather conditions. Bidder must agree also to pay as liquidated damaged the sum of \$400.00 for each consecutive calendar day thereafter.
- 9. NO DAMAGE FOR DELAY: No payment, compensation or adjustment of any kind shall be made to the contract price for damages incurred by the contractor because of hindrances or delays in the progress of the work from any cause that is not proximately caused by the Owner's action or failure to act. Whether such hindrances or delays are avoidable or unavoidable, the contractor agrees that he or she will make no claim for compensation, damages or mitigation of liquidated damages for any such delays. Examples of delays include (but are in no manner limited to) obtaining all necessary permission from any government agency or any private party, any act or failure to act by any other contractor, subcontractor and/or supplier, all foreseen and unforeseen events and any conditions or acts of God. It is understood and agreed that the contractor assumes all risks of delays in prosecuting or completing the work under the contract that are not proximately caused by the Owner's action or failure to act. The contractor will accept in full satisfaction for such delays, an extension of time, if any, agreed to by the Owner.
- 10. Conditions of Work: Each bidder must inform him/herself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his/her obligation to furnish all material and labor necessary to carry out the provisions of his/her contract. Insofar as possible the contractor, in carrying out the work, must employ such methods or means or will not cause any interruption of or interference with the work of any other contractor.
- 11. Addenda and Interpretations: No interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally. Every request for such interpretation must be in writing and addressed to: Dominic Brigano, Warren County Engineer's Office, 210 West Main Street, Lebanon, Ohio, 45036, and to be given consideration must be received at least five days prior to the date fixed for the opening of bids. All such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be mailed by certified mail with return receipt requested to all prospective bidders (at the respective addresses furnished for such purposes), no later than three days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretations shall not relieve such bidder from any obligation under his/her bid as submitted. All addenda so issued shall become part of the contract documents.
- 12. <u>Security for Faithful Performance</u>: Simultaneously with the delivery of the executed Contract, the Contractor shall furnish payment and performance bonds as security for faithful performance of this contract and for the payment of all subcontracts, suppliers and laborers performing labor on the project under the Contract and furnishing materials in connection with the Contract.

The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner. Please note that upon execution of the Contract if a Bid Guaranty/Contract Bond was submitted with your original bid a Performance Bond will not be required.

- 13. **Power of Attorney:** Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.
- 14. <u>Laws and Regulations</u>: The bidder's attention is directed to the fact that all applicable State laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to

be included in the contract the same as though herein written out in full.

- 15. <u>Method of Award Lowest Qualified Bidder</u>: The Owner may reject all bids or may award the contract on the base bid or on the base bid combined with additions or deductible alternates as produces a net amount which is within the available funds.
- 16. Obligation of Bidder: At the time of the opening of bids each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect of his/her bid.
- 17. <u>Safety Standards and Accident Prevention:</u> With respect to all work performed under this contract, the Contractor shall:
 - a. Comply with the safety standards provisions of applicable laws, building and construction codes and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of title 29 of the code of Federal Regulations, Section 1518 as published in the "Federal Register", Volume 36, N. 75, Saturday, April 17, 1971.
 - b. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
 - c. Maintain at his/her office or other well known place at the job site, all articles necessary for giving first aid to the injured, and shall make standing arrangements for the immediate removal to a hospital or doctor's care of persons (including employees) who may be injured at the job site. In no case shall employees be permitted to work at a job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care.
- 18. **Examination of Site:** Each bidder shall, and is hereby directed to inspect the entire site of the proposed work and judge for him/herself as to all the circumstances affecting the cost and progress of the work and shall assume all patent and latent risks in connection therewith.
- 19. <u>Soil Conditions</u>: Subject to the convenience of the Owner, prospective bidders will be permitted to explore the site by making borings or digging test pits. In such event, the work shall be done at the sole expense and risk of the bidder, and he/she shall maintain and restore

the site to original condition. The Owner does not guarantee the accuracy of any information or samples which it may have obtained from test borings or otherwise as to the kind or condition of the soil that may be encountered in the prosecution of the proposed work, neither does the Owner represent that the plans and specifications drawn are based upon any data so obtained. The Owner does not make any representation as to the soil which may be encountered or of soil or water which underlies the work or is adjacent thereto, including any difficulties that may be due to quicksand, or other unfavorable conditions that may be encountered in the work, whether apparent upon surface inspection or disclosed in the process of carrying forward the work.

- 20. <u>Water Supply:</u> All water for construction purposes, as well as the expense of having water conveyed about the work, must be provided by the Contractor and the cost of this work shall be included in the unit prices stipulated for the various items of the work to be done under this contract.
- 21. Working Facilities: The plans show, in the general manner, the existing structures and the land available for construction purposes. The bidders must satisfy themselves of the conditions and difficulties that may be encountered in the execution of the work at this site.
- 22. <u>Permits:</u> The Contractor shall take out all necessary permits from the proper authorities, and shall give all notices required by law or ordinance. The charge or fee for any permit issued by the proper authority shall be borne by the contractor.
- 23. <u>Signature of Bidders</u>: The firm, corporate or individual name of the bidder must be signed in ink in the space provided for the signatures on the proposed blanks. In the case of a corporation, the title of the officer signing must be stated and such officer must be thereunto duly authorized and the seal of said corporation duly affixed. In the case of a partnership, the signature of at least one of the partners must follow the firm name, using the term "member of the firm." In the case of an individual, use the terms "doing business as", or "sole owner." The bidder shall further state in his/her proposal the name and address of each person or corporation interested therein.
- 24. Right to Accept or Reject Proposals: The Owner may consider informal and may reject any bid not prepared and submitted in accordance with the provisions hereof. The Owner reserves the right to reject all bids, to waive any informalities or irregularities in the bids received, and to accept any bid which is deemed lowest and best.
- 25. <u>Non-Collusion Affidavit</u>: The successful bidder will be required to submit a non-collusion affidavit on the form included in these Bid/Contract documents (Section C). This affidavit shall be dated and executed as part of this bid.
- 26. **EEO Compliance:** Bidders please see Section J for EEO Compliance Requirements and Affidavit.
- 27. Prevailing Wage Rates: This Project is subject to Prevailing Wage Requirements. In the event that the rate of wages paid for any trade or occupant in the locality where such work is being performed are under current collective agreements or understandings between bona fide organizations of labor and employer, then the wages to be paid shall be not less than such agreed wage rates, nor less than the minimum rates compiled by the Federal Labor Standard Act. A copy of these prevailing wage rates has been included in these

specifications as Exhibit L. Every Contractor and Subcontractor who is subject to Ohio Revised Code, Chapter 4115 shall, as soon as he/she begins performance under his/her contract with the Owner, supply the Prevailing Wage Coordinator for the Owner a schedule of the dates on which he/she is required to pay wages to employees. He/She shall also deliver to the Prevailing Wage Coordinator within three weeks after each pay date, a certified copy of his/her payroll which shall exhibit for each employee paid any wages, name, current address, social security number, number of hours worked each day of the pay period and the total for each week, hourly rate of pay, job classification, fringe payments, and deductions from wages. The certification of each payroll shall be executed by the Contractor, Subcontractor, or duly appointed agent thereof and shall recite that the payroll is correct and complete and that the wage rate shown is not less that those required by the contract.

In case the Owner orders the Contractor to perform extra or additional work which may make it necessary for the Contractor or any Subcontractor under this contract to employee a person not herein specified, the Owner will include in the contract change order for such extra or additional work, a minimum wage rate for such trade or occupation, and insofar as such extra or additional work is concerned, there shall be paid to each employee engaged in work of such trade or occupation, not less than the wage so included. Insofar as possible, local labor shall be employed on this work.

- 28. <u>Subletting of Contract</u>: The Contractor shall not sublet, sell, transfer or assign any portion of the contract without written consent of the Owner or his/her designated agent. When such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his/her own organization, work amounting to no less than fifty percent of the total contract cost, except that any time designated in the contract before computing the amount of work required to be performed by the Contractor with his/her own organization, No subcontract, or transfer of contract, shall in any way release the Contractor of his/her liability under the contract and bonds.
- 29. Required Insurance: In accordance with the specifications, the Contractor, without restricting the obligations and liabilities assumed under the Contract Documents, shall at his/her own cost and expense purchase and maintaining in force until final acceptance of his/her work, the forms of insurance coverage listed below.

Certificates from the insurance carrier stating the limits of liability and expiration date shall be filed with the Owner before operations are begun. Such certificates shall not merely name the types of policy provided, **but shall specifically refer to this Contract** and shall name the Board of Warren County Commissioners as additionally insured.

All policies as hereinafter required shall be so written that the Owner will be notified of cancellation or restrictive amendment at least ten days prior to the effective date of such cancellation or amendment.

Item A - Workmen's Compensation and/or Employer's liability Insurance as required or specified by State Law.

Item B - Comprehensive General Liability Insurance: In an amount not less than \$1,000,000.00 per occurrence for Bodily Injury and \$500,000 for explosion underground

and collapse, commonly known as "XCU." The following endorsement documents provided by Warren County:

- a. CG 20 10 10 01 additional insured endorsement (or equivalent)
- b. CG 20 37 10 01 additional insured endorsement (or equivalent)
- c. CG 25 03 03 97 designated location aggregate (or equivalent)

General Liability needs to be written on Primary/Non-contributory basis for the benefit of the additional insured.

Item C — Umbrella: In an amount not less than \$1,000,000 occurrence and \$1,000,000 aggregate. Umbrella needs to attach to General Liability, Employers Liability, Auto Liability. Umbrella needs to be written on follow-form primary.

Item D - Bodily Injury Liability Insurance covering motor vehicles either owned by the Contractor or being used in connection with the prosecution of the work embraced under this contract.

Item E - Property Damage Liability Insurance covering motor vehicles either owned by the Contractor or being used in connection with the prosecution of the work embraced under this contract.

Item F - (If Applicable) - Such Protective (including Railroad Protective) and Contractual Bodily Injury Liability Insurance and such Protective (including Railroad Protective) and Contractual Property Damage Liability Insurance as shall be required by the railroad and other utility companies whose property, facilities or rights-of-way may be affected by the work to be done under this contract, in such amounts and in such form as each such utility company may require.

If any part of the work is sublet, insurance of the same types and limits as required by above items numbered A, B, C, D, E, and F, shall be provided by or on behalf of the Subcontractors to cover that part of the work they have contracted to perform including Property Damage Liability Special Hazards coverage if so required by this contract.

Protective and Contractual Bodily Injury Liability Insurance required by Item F (if applicable) shall be in an amount and form as each railroad or utility company may require.

- <u>Builders Risk Insurance</u>: All Risk form, including subsidence and theft of materials from the job site. Such coverage shall be maintained until final acceptance of the Contract by the Owner and payable to the Owner for the benefit of the contractor. The limit for Builders Risk shall be the full value of construction.
- 30. Maintenance of Rights-Of-Way: All construction as proposed along all City, Township, County, State and Federal roads including storage and stockpiling of materials, is to be conducted within the limits of the public right-of-way. Bracing sheeting and shoring shall be used to keep all construction work within the construction limits unless work agreements are secured from the adjacent property Owners. It is the Contractor's responsibility to secure these work agreements, if deemed necessary. Copies of the work agreements shall be delivered to the Engineer and Owner prior to any work beginning on the affected property.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

certificate holder in lieu of such endorsement(s).			· · · · · · · · · · · · · · · · · · ·		
PRODUCER		CONTACT NAME: Insuran	ce Agent Cor	ntact		
Insurance Agency Name & Address		PHONE (A/C, No, Ext): E-MAIL		FAX (A/C, No);		
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NSR TYPE OF INSURANCE ADDL SUBF LTR TYPE OF INSURANCE INSD WYD	POLICY NUMBER	POLICY EFF	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
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				MED EXP (Any one person)	\$ 5,000)
				PERSONAL & ADV INJURY	\$ 1,000),000
GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	\$ 2.000	000
POLICY X PRO- JECT LOC				PRODUCTS - COMP/OP AGG	\$ 2,000	•
OTHER:					\$	7,000
AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	\$ 1.00	0.000
B X ANY AUTO	POLICY #	EFF DATE	EXP DATE	BODILY INJURY (Per person)	\$ \$	0,000
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AND EMPLOYERS' LIABILITY				PER OTH- STATUTE ER		
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N / A (Mandatory in NH)				E.L. EACH ACCIDENT	\$	
(Mandatory in NH) If yes, describe under				E.L. DISEASE - EA EMPLOYEE	\$	
DESCRIPTION OF OPERATIONS below				E.L. DISEASE - POLICY LIMIT	\$	
	<u> </u>					
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACOR	D 101, Additional Remarks Schedu	ile, may be attached if mo	re space is requi	red)		
Board of Warren County Commissions are listed as		*	,	0 0 1		
attached CG 2010 10/01 and CG 2037 10/01. Gener	al Liability is primary and i	non-contributory fo	r the benefit o	of the additional insured.	Waive	of
subrogation applies to the General Liability.						
CERTIFICATE HOLDER	· · · · · · · · · · · · · · · · · · ·	CANCELLATION	, ,			•
Board of Warren County Commissioners				ESCRIBED POLICIES BE C		
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Lebanon, OH 45036		ACCORDANCE W	III INC PULK	I FRUVISIUNS,		
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POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY CG 20 10 10 01

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Board of Warren County Commissioners 406 Justice Drive, Lebanon, OH 45036

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. Section II Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.
- B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:
 - 2. Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

- (1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed;
- (2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY CG 20 37 10 01

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - OWNERS, LESSEES OR **CONTRACTORS - COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:
Board of Warren County Commissioners
406 Justice Drive
Lebanon, OH 45036
Location And Description of Completed Operations:
Additional Premium:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Section II - Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" at the location designated and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

COMMERCIAL GENERAL LIABILITY CG 25 03 03 97

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Construction Projects:		

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under COVERAGE A (SECTION I), and for all medical expenses caused by accidents under COVERAGE C (SECTION I), which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
 - A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 - 2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under COVERAGE A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under COVERAGE C regardless of the number of:
 - a. insureds:
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 - 3. Any payments made under COVERAGE A for damages or under COVERAGE C for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.

- 4. The limits shown in the Declarations for Each Occurrence, Fire Damage and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.
- B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under COVERAGE A (SECTION I), and for all medical expenses caused by accidents under COVERAGE C (SECTION I), which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
 - Any payments made under COVERAGE A for damages or under COVERAGE C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-Completed Operations Aggregate Limit, whichever is applicable; and
 - Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-Completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.

- D. If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E. The provisions of Limits Of Insurance (SECTION III) not otherwise modified by this endorsement shall continue to apply as stipulated.

31. <u>Lights, Signs and Barricades</u>: Lights, signs and barricades shall be used to maintain traffic and safety for vehicular and pedestrian traffic during the course of this contract and shall be the sole responsibility of the Contractor.

32. Foreign Corporation and Contractors:

Foreign Corporations

Definition: "Foreign Corporation" means a corporation incorporated under the laws of another state. No contract shall be entered into with a foreign corporation until the Secretary of State has certified that such corporation is authorized to do business in Ohio: and until, if the bidder so awarded the Contract is a person or partnership, it has filed with the Secretary of State a Power of Attorney designating the Secretary of State as its agent for the purpose of accepting service of summons in any action brought under Ohio Revised Code, Section 153.05 or under Sections 4123.01 to 4123.94, inclusive.

- 33. <u>Subcontracts:</u> Contractor shall provide an explanation as part of its bid package of all subcontractors intended to be used in performance of the work described in Part II, Section D. In the event the Owner does not object, Contractor may have such work performed by a subcontractor. Contractor shall bind every subcontractor to, and every subcontractor must agree to be bound by the terms of, the Contract, as far as applicable to the subcontractor's work particularly pertaining to Prevailing Wages and EEO requirements. Nothing contained in the Agreement shall create any contractual relationship between any subcontractors and Owner, nor create any obligations on the part of the Owner to pay or see to the payment of any sums to any subcontractor.
- 34. Real and/or Personal Property Tax Affidavit: All bidders must complete the Real and/or Personal property tax affidavit (Section I) and submit with your bid. This section should be fully completed whether or not you as a vendor/contractor own property in Warren County, Ohio.

35. **Description of Project:**

See Section M

- 36. <u>Scope of Work:</u> Provide all work as required by Contract and described in the Technical Specifications herein (Section M) as necessary to provide for project completion.
- 37. **Required Forms:** Each Bidder shall complete and submit the following forms with his/her bid:

Proposal Price (Bid) Sheet
Exception Sheet
Bidder Identification
Non-Collusion Affidavit
Bid Guaranty & Contract Bond
Experience Statement
Affidavit of Non-Delinquency of Taxes

Certificate of Compliance Non-Discrimination and Equal Employment Opportunity Affidavit

Findings for Recovery Affidavit

- 38. The successful Contractor may be required, at the request of the Owner, to submit a list of sub-contractors and suppliers for said project.
- 39. <u>Additional Obligations Upon Contact Award</u>: Upon award of the bid but prior to execution of the Contract and Notice to Proceed, the Contractor shall submit all of the following documents, completed as required:
 - 1) Contract
 - 2) Required Bonds
 - 3) Payment Draw Schedule (Required for Projects of \$500,000 or more)
 - 4) Certificates of Insurance
- 40. Entire bid packet must be completed (except contract Section F) and returned with bid proposal, as the entire bid packet becomes part of the contract documents.
- 41. STATEMENT: Do not submit confidential documents or documents of any type that contain trade secrets. All materials submitted become <u>public records</u> once opened and may be copied upon request to anybody including competitive bidders.

SECTION C NONCOLLUSION AFFIDAVIT

NONCOLLUSION AFFIDAVIT

COUNTY OF			
directors and owners in s	, affirm that I am an etting the price on to owing information	and position ofuthorized to speak on behathe contract, bid or proposwill be treated as fraudule or proposal.	alf of the company, board al. I understand that any
I hereby swear and depos knowledge:	se that the following	g statements are true and f	actual to the best of my
The contract, bid or prop company or client, INCL COMMISSIONERS.	osal is genuine and UDING ANY MEI	not made on the behalf of MBER OF THE WARRE	any other person, N COUNTY BOARD OF
and was not influenced b	y other companies,	as determined independent clients or contractors, ING BOARD OF COMMISSIC	CLUDING ANY
	COMMISSIONERS	UDING ANY MEMBER S have been solicited to pr	
	COMMISSIONERS	UDING ANY MEMBER S have been solicited to re	
company or contractor, I	NCLUDING ANY	or proposal has not been designed the MEMBER OF THE WAI sclosed until the formal bid	RREN COUNTY BOARI
AFFIANT	-		
Subscribed and sworn to	before me this	day of	20
(Notary Public),	-		
	County.		
My commission expires		20	

SECTION D BID GUARANTY AND CONTRACT BOND

BID GUARANTY AND CONTRACT BOND

KNOW AL	L MEN BY THESE PRESENTS, that we, the undersigned,
as	(Insert full name or legal title of Contractor and Address) Principal and
hereinafter c	(Insert full name or legal title of Surety) re hereby held and firmly bound unto the Warren County Board of Commissioners alled the Obligee, in the penal sum of the dollar amount of the bid submitted by the the Obligee on to undertake the mas:
SP	RINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT
incorporating	am referred to herein shall be the dollar amount of the Principal's bid to the Obligee, g any additive or deductive alternate proposals made by the Principal on the date bove to the Obligee, which are accepted by the Obligee, In no case shall the penal sum the amount of DOLLARS,
If this item alternates.	is left blank, the penal sum will be the full amount of the Principal's bid, including Alternatively, if completed, the amount stated must not be less than the full amount of ading alternates in dollars and cents. A percentage is not acceptable.
	ment of the penal sum well and truly to be made we hereby jointly and severally bind or heirs, executors, administrators, successors, and assigns.
	DITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named submitted a bid on the above referred to project;
NOW, THE	REFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter

NOW, THEREFORE, if the Obligee accepts the bid of the Principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the work covered by the bid; or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the project for bidding, the Principal will pay the Obligee the difference not to exceed ten percent of the penalty hereof between the amount specified in the bid, or the costs, in connection with the resubmission, of printing new contract documents, required advertising, and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be null and void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal and within TEN days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID PRINCIPAL SHALL well and faithfully perform each and every condition of such contract; and indemnify the Obligee against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills

of material therefore; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract: we agreeing and assenting that this undertaking shall be for benefit of any materialman or laborer having a just claim, as well as for the Obligee herein; **THEN THIS OBLIGATION SHALL** be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans and specifications therefor shall in any wise affect the obligations of said surety on its bond, and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED this	day of _	2021.
PRINCIPAL	_	SURETY
Ву:	By:	Attorney-in-fact
Title:		Surety Agent's Name and Address:

SECTION E PERFORMANCE BOND

PERFORMANCE BOND

(Name of Contractor)	
(Address of Contractor)	
a(Corporation, Partnership or Individual)	, hereinafter called
Principal,	and
	(Name of Surety)
(Address of Surety)	
hereinafter called Surety, are held and firml	y bound unto
WARREN COUNTY, OHIO BOA' 406 Justice Drive Lebanon, OH 45036	RD OF COMMISSIONERS
hereinafter called OWNER, in the penal s lawful money of the United States, for the bind ourselves, successors, and assigns, join	sum of Dollars, \$() in e payment of which sum well and truly to be made, we ntly and severally, firmly by these presents.
certain contract with the OWNER, dated	TION is such that whereas, the Principal entered into a day of, d made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety and during the guaranty period(s), and if he/she shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition of the terms of the contract or the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this i deemed an original, this the			ich shall be
ATTEST:		(Principal)	,
(GDAL)	Ву		
(SEAL)			
ATTEST:			
(SEAL)		(Surety)	

<u>IMPORTANT</u>: Pursuant to Ohio Revised Code §122.87(A) a surety company is defined as, ". . a company that is authorized by the department of insurance to issue bonds as a surety".

SECTION F CONTRACT

CONTRACT

THIS AGREEMENT, made this	day of		021, with th	ne Warren	County
Board of Commissioners, 406 Justice D	Prive, Lebanon,	Ohio hereinaft	er called "O	wner" and	
ENTER CONTRACTOR NAME AN	ID ADDRESS	HERE, doing	businesses	as (an inc	lividual,
partner, a corporation) hereinafter called	d "Contractor."				

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Owner, the Contractor hereby agrees with the Owner to commence and complete the construction described as follows:

SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT

hereinafter called the project, for the sum of \$ENTER AMOUNT AND WRITE IT OUT HERE, and all work in connection therewith, under the terms as stated in the Conditions of the Contract; and as his/her (its or their) own proper cost and expense furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor insurance, and other accessories and services necessary to complete the said project in accordance with the conditions and prices stated in the Proposal, Conditions of the Contract, the Specifications and Contract Documents. "Contract Documents" means and includes the following:

Proposal Price (Bid) Sheet

Exception Sheet

Bidder Identification

- A) Invitation to Bidders
- B) General Instruction to Bidders
- C) Noncollusion Affidavit
- D) Bid Guaranty & Contract Bond
- E) Performance Bond
- F) Contract
- G) Bonding & Insurance Requirements
- H) Experience Statement
- I) Affidavit of Non-Delinquency of Real and/or Personal Property Tax
- J) Equal Employment Opportunity Requirements, Bid Conditions and Non-discrimination and Equal Employment Opportunity Affidavit
- K) Findings for Recovery Affidavit Wage Rate Determination
- L) Wage Rate Determination
- M) Special Provision/Technical Specifications

The CONTRACTOR hereby agrees to commence work under this contract on or before a date to be specified in a Written "Notice to Proceed" of the OWNER, and to fully complete the project in 10 weeks after the written notice-to-proceed has been issued and a preconstruction meeting has been held. The Contractor further agrees to pay, as liquidated damages, the sum of \$400.00 for each consecutive calendar day thereafter.

This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement. The nonperforming party shall have fifteen calendar days from the date of the termination notice to cure or to submit a plan for cure acceptable to the other party.

OWNER may terminate or suspend performance of this Agreement for OWNER'S convenience upon a written notice to CONTRACTOR. CONTRACTOR shall terminate or suspend performance of the services/work on a schedule acceptable to OWNER.

The CONTRACTOR will indemnify and save the OWNER, their officers and employees, harmless from loss, expenses, costs, reasonable attorneys fees, litigation expenses, suits at law or in equity, causes of action, actions, damages, and obligations arising from (a) negligent, reckless or willful and wanton acts, errors or omissions by CONTRACTOR, its agents, employees, licensees, consultants or subconsultants; (b) the failure of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants to observe the applicable standard of care providing services pursuant to this agreement; (c) the intentional misconduct of the CONTRACTOR, its agents, employees, licensees, consultants or subconsultants that result in injury to persons or damage to property for which the OWNER may be held legally liable.

The CONTRACTOR does hereby agree to indemnify and hold the OWNER harmless for any and all sums for which the OWNER may be required to pay or for which the OWNER may be held responsible for failure of the CONTRACTOR or any subcontractor to pay the prevailing wage upon this project.

The OWNER agrees to pay the CONTRACTOR in the manner and at such times as set forth in the General Provisions such amounts as required by the Contract Documents.

This CONTRACT shall be construed under the laws of the State of Ohio, and the parties hereby stipulate to the venue for any and all claims, disputes, interpretations, litigation of any kind arising out of this Contract being exclusively in the Warren County, Ohio Court of Common Pleas (unless both parties mutually agree in writing to alternate dispute resolution), as well as waiving any right to bring or remove such matters in or to any other state or federal court.

This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

Contractor shall bind every subcontractor to, and every subcontractor must agree to be bound by the terms of, this Agreement, as far as applicable to the subcontractor's work particularly pertaining to Prevailing Wages and EEO requirements. Nothing contained in this Agreement shall create any contractual relationship between any subcontractor and Owner, nor create any obligations on the part of the Owner to pay or see to the payment of any sums to any subcontractor.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in two counterparts, each of which shall be deemed an original on the date first above written.

WARREN COUNTY BOARD OF COMMISSIONERS (Owner)

ATTEST:	David G. Young, President	
Name	Tom Grossmann	
(Seal)	Shannon Jones	

ATTEST:		(ENTER CONTRACTOR NAME HERE)
Approved as to Form:	Ву:	Name and Title
Assistant Prosecutor		

SECTION G BONDING AND INSURANCE REQUIREMENTS

BONDING AND INSURANCE REQUIREMENTS

A state or local unit of government receiving a grant from the federal government which requires contracting for construction of facility improvement shall follow its own requirements relating to bid guarantees, performance bonds, and payment bonds, except for contracts or subcontracts exceeding \$100,000. For contracts or subcontracts exceeding \$100,000, the Federal agency may accept the bonding policy and requirements of the grantee provided the Federal agency has made a determination that the Government's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

- a. A bid guaranty from each bidder. The "bid guaranty" shall consist of a firm commitment such as a bid bond in the amount of one hundred (100) percent of the bid price, or ten (10) percent of the bid price if certified check or other negotiable instrument accompanying a bid, as assurance the bidder will, upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.
- b. A performance bond on the part of the Contractor for 100 percent of the contract price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

SECTION H EXPERIENCE STATEMENT

EXPERIENCE STATEMENT

The Bidder is required to state in detail in the space provided below, what work he/she has done of a character similar to that included in the proposed contract, to give references and such other detailed information as will enable the Owner to judge of his/her responsibility, experience, skill and financial standing. Among other things, this statement shall include the following:

A record of similar work performed and evidence to the effect:

(1)	That the Bidder maintains a permanent place of business;
(2) contrac	Has adequate facilities and equipment available for the work under the proposed et;
(3) work;	That the Bidder has suitable financial means to meet obligations incidental to the
(4) and	That the Bidder has appropriate technical experience and possesses sufficient skill experience.

SECTION I

AFFIDAVIT OF NON-DELINQUENCY OF REAL AND/OR PERSONAL PROPERTY TAX

THIS SECTION SHOULD BE FULLY COMPLETED WHETHER OR NOT YOU AS A VENDOR/CONTRACTOR OWN PROPERTY IN WARREN COUNTY, OHIO.

AFFIDAVIT

STATE OF)		
COUNTY OF)	SS:	
	bei	ng duly cautioned and	sworn, states as
follows:			
1. That he/she is		of	
	(Title)		
(Na	me of Contracting	Party)	
2. That(Name of Contracti		s not presently	
(Name of Contracti charged with any delinque			the general tax
	property of Wa		tuto gonorui tux
	-OR-		
1. That		is charged with	
1. That(Name of Contracti	ng Party)	- 1	1/ 5 1
delinquent Real and/or Personal property of Warren County. The			
due and unpaid including \$	any due and	unpaid penalty and	
Further, affiant states not.			
	Affian	ţ	
Sworn to and subscribed in my presence the	nis day of	2021.	
	Notary	Public	
This instrument	was	prepared 	by

<u>Note to Fiscal Office</u>: If any Real and/or Personal property taxes are delinquent, you must send a copy of this statement to the County Treasurer within 30 days of the date it is submitted.

<u>WARNING</u>: MAKING A FALSE STATEMENT ON THIS AFFIDAVIT MAY BE PUNISHABLE BY A FINE AND/OR IMPRISONMENT

SECTION J

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS, BID CONDITIONS AND NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS AND BID CONDITIONS FOR WARREN COUNTY CONSTRUCTION PROJECTS

CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES: (This section applies only to projects that are funded with Federal and State monies)

All bidders on the project **shall** submit together with their bid, a copy of a valid Certificate of Compliance for Equal Employment Opportunity purposes contained herein.

A copy of	the Certificate	of Compliance	is enclosed	with t	his	bid
response?	Yes _	No				

BIDDER'S EEO COVENANTS:

Throughout its performance of any contract awarded to it on this project, the bidder agrees to the following covenants:

1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry or sex. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, national origin, ancestry or sex. Such action shall include, but is not limited to, the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- 2. The contractor will in all solicitations or advertisements for employees placed by or on behalf of the prime contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry or sex.
- The contractor agrees to fully cooperate with the County, the State Equal **Employment** 3. Coordinator and with any other official or agency, or the State or Federal Opportunity to eliminate unlawful employment discrimination, and with all other government which seeks to assure equal employment practices under its contract and the State and Federal efforts promptly with all requests and directions from the County, the State contractor shall comply **Equal Opportunity Coordinator** and any of the State of Ohio officials and agencies in this regard, both before and during construction.
- 4. Full cooperation as expressed in clause (3), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceedings involving questions of unlawful employment practices, furnishing all information requested by the County and the State Equal Employment Opportunity Coordinator, and permitting access to its books, records, and accounts by the County and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with applicable rules, regulations and orders.

- 5. In the event of the contractor's noncompliance with the nondiscrimination clauses of its contract or with any of the said rules, regulations, or orders, its contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further County construction contracts.
 - In the event that is contract is terminated for a material breach of EEO requirements, the contractor shall become liable for any and all damages which shall accrue to the County as a result of said breach.
- 6. The contractor will require the inclusion of language reflecting these same six covenants within every subcontract or purchase order it executes in the performance of its contract unless exempted by rules, regulations or orders of the State Equal Employment Opportunity Coordinator so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such as the County may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided, however, that in any litigation with a subcontractor, vendor or other party as a result of such direction by the County, the contractor may be requested to protect the interests of the County.

The bidder	hereby adopts t	he foregoing	covenants?
Yes	No		

PLEASE NOTE: The bidder's failure to adopt the Bidder's EEO Covenants and complete the foregoing certification will cause the bidder's proposal to be rejected as being non-responsive.

CERTIFICATE OF COMPLIANCE NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT

STATE OF				aa				
) SS: COUNTY OF)								
		being first du	ıly sworn, o	deposes	and			
says	that	he						of
discriminate aga or national orig affirmative acti employment, w lowest and best in conspicuous provisions of th Furthermore, sa	made the foregoing ainst any employee or gin. If awarded the on to insure that apprithout regard to their bidder under the fore places available to is affidavit. aid party agrees to a n the Contract Provis	applicant for bid and co- blicants are of race, religion going propose employees	or employmentract und employed and color, sext sal, this part and applicates	ent beca er this p and that to or nati- ty shall ants for	use of raproposal, employ onal original post non employ	nce, relig , said p ees are gin. If su i-discrim ment se on 153.5	gion, color, arty shall to treated, duraccessful as a mination not etting forth	sex, take ring the ices the Ohio
		Sig	nature					
		$\overline{\mathbf{A}\mathbf{f}}$	fiant					
		Co	mpany/Co	poration	<u></u>			
		Ad	dress					
Sworn to and s	ubscribed before me t		y/State/Zip		, 2021.			
		No	otary				- Commission	

(seal)

CERTIFICATE OF COMPLIANCE NON-DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY AFFIDAVIT (SUB CONTRACTOR)

STATE OF	and the state of t			~~			
COUNTY OF _) SS: COUNTY OF)						
	grand the second to	_being fir	st duly swor	n, deposes	s and		
says	that	he					of
discriminate aga or national orig affirmative actio employment, wi lowest and best notices in consp the provisions of	made the foregoin inst any employee in. If awarded the portion to insure that a thout regard to their bidder under the bicuous places avaif this affidavit. id party agrees to a the Contract Proventies.	or applicance bid and pplicants race, relification foregoing lable to enable by	nt for employed contract user employed gion, color, and proposal, mployees and the assurance	yment become this dand that sex, or na this part dapplicates	cause of ra proposal, at employed tional orig ty shall points for em	ce, religion said part tees are tre in. If succest non-diployment on 153.54	n, color, sex, y shall take ated, during essful as the scrimination setting forth
			Signature				_
			Affiant				_
			Company/C	Corporatio	on		
			Address				
			City/State/Z	Zip Code			
Sworn to and su	ibscribed before me	this	day of		, 2021.		
			Notary				nganing

SECTION K FINDINGS FOR RECOVERY AFFIDAVIT

FINDINGS FOR RECOVERY AFFIDAVIT

STATE OF						
STATE OF, SS:	_, SS:					
, upo	on being duly cautioned and sworn, hereby states	the				
following based on personal knowledge:						
1) That he/she is	(title), of (nar	ne				
of bidder) and authorized to execute this af	(title), of (nar ffidavit; and,					
2) That against whom a finding for recovery has be recovery is unresolved as defined in Ohio and,	(name of bidder) is not a person or ent been issued by the Auditor of State, which finding Revised Code [General Provisions] Section 9.24 (1)	ity for B);				
3) That	(name of bidder) does not appear in ry maintained by the Auditor of State pursuant to On 9.24 (D).	the hio				
	Affiant					
Sworn to and subscribed in my pre-	sence this day of, 2021.					
	Notary Public My Commission expires:					

SECTION L WAGE RATE DETERMINATION



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE

WARREN COUNTY

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

> Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

This packet of information is provided as a summary of the Prevailing Wage guidelines and responsibilities. The Ohio Revised Code, Chapter 4115 should be referred to for the exact wording of the law. Also included are references and forms which should be helpful in the compliance of the Prevailing Wage Law.

PACKET INFORMATION INDEX

A. The Ohio Department of Commerce-Division of Industrial Compliance, Wage and Hour Administration Investigators and their assigned counties

- 1. The Wage and Hour Investigators for the State of Ohio are listed with their contact information.
 - a. If you have questions or need assistance pertaining to Prevailing Wage, you can contact the Investigator in your area.

B. Prevailing Wage Guide for Public Authorities

- 1. Notice of change of the Prevailing Wage Threshold Level.
 - A notification will be sent to you when there is a change of the Prevailing Wage threshold level
- 2. Outline of the Public Authority's responsibilities for Prevailing Wage.
- 3. Public Authority's Compliance Checklist form.
 - . A form for tracking the progress of a Prevailing Wage project
- 4. Request form for Prevailing Wage Rates.
 - a. Prevailing Wage Rates can be obtained on the website www.com.ohio.gov
 - (1) Prevailing Wage Determination Schedule of wages must be attached to and made part of the specifications for the project, and must be printed on the bidding blanks where the work is done by contract.
- 5. Bid Tabulation form
 - a. A form to be completed and returned to ODOC-DIC-Bureau of Wage and Hour Administration when the contract has been awarded.
- 6. Prevailing Wage Bonds form
 - a. Information needed to be kept on file by the Prevailing Wage Coordinator when bonds from the Public Authority are used for a project.

C. Prevailing Wage Guidelines for the Public Authority's Coordinator

- 1. Guideline for the Prevailing Wage Coordinator
 - a. The Prevailing Wage complaint form and instructions can be obtained on the website www.com.ohio.gov
- 2. Record of the Certified Payroll Reports Received form
 - a. Helpful form for recording the Certified Payroll Reports and the dates received from the contractors and subcontractors.
- 3. Employee Interview form
 - a. Helpful form for the use by the Prevailing Wage Coordinator when making on-site visits.
- 4. Employee vs. Independent Contractor
 - a. Helpful questions when determining if a person is an Employee or an Independent Contractor.

D. Prevailing Wage Guide for Contractors

(Incorporate this section in the Specifications or supply copies for the pre-construction meeting.)

- 1. Outline of responsibilities for the Prevailing Wage Contractor
- 2. Notification form from the Contractor to the Employee
 - a. The contractor must submit to employees a completed and signed notification form.
 - b. Some Prevailing Wage Coordinators may require a copy of the completed Notification to the Employee form be submitted with the Certified Payroll Reports.
- 3. Certified Payroll Report form
 - a. The contractor can use any form/format he chooses as long as *ALL* the information has been provided.
- 4. Certified Payroll Report form instruction sheet
- 5. Corrected Certified Payroll Report Example
- 6. Affidavit of Compliance form
 - a. No Public Authority shall make final payment unless the **Final Affidavits** have been filed by the contractors and subcontractors.



Mike DeWine Governor

Sheryl Maxfield Director

INVESTIGATORS CONTACT INFORMATION

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

> Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

The Ohio Department of Commerce is an Equal Opportunity Employer and Service Provider

OHIO DEPARTMENT OF COMMERCE Division of Industrial Compliance Bureau of Wage and Hour Administration Chief, Stephen Clegg 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 614-644-2239 fax: 614-728-8639 http://www.com.ohio.gov

INVESTIGATORS and THEIR HEADQUARTER COUNTY

#48 Dave Horvath	HEIR HEADQUARTER COUNTY
PO Box 1512	Allen *
Lima, Ohio 45802-1512	
Voice: (419) 302-1200	
Fax: (614) 728-8639	
Dave.Horvath@com.state.oh.us	
#30 Mike McKee	Guernsey*
P.O. Box 1342	
Cambridge, Ohio 43725-2247	
Voice/Fax: (740) 432-1987	
Michael.McKee@com.state.oh.us	
#56 Shawn Miles	Stark *
P.O. Box 2547	Othin
North Canton, Ohio 44720	
Voice/Fax: (614) 496-9076	
Shawn.Miles@com.state.oh.us	
#37 David Rice	
P.O. Box 41241	Montgomery *
Dayton, Ohio 45441	
Voice: (740) 502-0883	·
Fax: (614) 995-7768	
Dave.Rice@com.state.oh.us	
#35 Sean Selbert	Lake*
P.O. Box 422	
Painesville, Ohio 44077-3938	
Voice: (614) 557-8662	
Fax: (614) 232-9541	
Sean,Seibert@com.state.oh.us	
#11 Kela D. Thompson	Franklin *
6606 Tussing Rd, PO Box 4009	·
Reynoldsburg, Ohio 43068-9009	
Voice: (614) 728-5007	
Fax: (614) 232-9537	
Kela.Thompson@com.state.oh.us	
Headquarter County	

* Headquarter County

Stephen Clegg, Chief	#90 Jackie Clark, Supervisor	
6606 Tussing Road, PO Box 4009	6606 Tussing Rd, PO Box 4009	
Reynoldsburg, Ohio 43068-9009	Reynoldsburg, Ohio 43068-9009	
Voice: (614) 728-8686	Voice: (614) 728-5019	
Fax: (614) 728-8639	Fax: (614) 222-2357	
Stephen.Clegg@com.state.oh.us	Jackie.Clark@com.state.oh.us	



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE FOR PUBLIC AUTHORITIES

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239

> Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

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PREVAILING WAGE THRESHOLD LEVELS IMPORTANT NOTICE

Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the Public Authority shall have the Ohio Department of Commerce-Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.

"New" construction threshold for Building Construction:		
"Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" threshold level for <i>Building</i> Construction:	\$75,000	
As of January 1, 2018:		
"New" construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction threshold level has been adjusted to:	\$91,150	
"Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction threshold level has been adjusted to:	\$27,309	

- A) Thresholds are to be adjusted biennially by the Director of the Ohio Department of Commerce.
- B) Biennial adjustments to threshold levels are made according to the Building Cost for Skilled Labor Index published by McGraw-Hill's Engineering News-Record, but may not increase or decrease more than 3% for any year.

If there are questions concerning this notification, please contact:

Ohio Department of Commerce
Division of Industrial Compliance
Bureau of Wage and Hour Administration
6606 Tussing Road, PO Box 4009
Reynoldsburg, Ohio 43068-9009
Phone: 614-644-2239
Fax: 614-728-8639
www.com.ohio.gov

Public Authority Responsibilities ORC Chapter 4115: Wages and Hours on Public Works (Prevailing Wage Coordinator)

- 1. Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the public authority shall have the Ohio Department of Commerce, Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.
 - a) "New" construction has a threshold level of \$250,000.
 - b) "Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" has a threshold level of \$75,000.
 - c) "New" construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction has a threshold level of <u>\$84,314</u>.
 - d) "Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting" that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction has a threshold of <u>\$25,261</u>.
 - i.) Thresholds are to be adjusted biennially by the Director of Ohio Department of Commerce, Division of Industrial Compliance, Bureau of Wage and Hour Administration.
 - ii.) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census, but may not increase or decrease more than 3% for any year.
- 2. Every contract for public work shall contain a provision that each worker employed by the contractor or subcontractor, or other person about or upon the public work, must be paid the prevailing rate of wages.
- 3. If contracts are not awarded or construction undertaken within ninety days (90) from the date of the determination of the prevailing wage there shall be a re-determination of the wage rates before the contract is awarded.
- 4. Within seven (7) working days after the receipt of notification of a change in the prevailing wage rates, the public authority shall notify all affected contractors and subcontractors. If it is determined that a contractor or subcontractor has violated sections 4115.03 to 4115.16 of the Ohio Revised Code because they were not notified as required, the public authority is liable for any back wages, fines, damages, court costs and attorney's fees for the period of time covering the receipt of wage changes, until they give the required notice.
- 5. No public authority shall award a contract for a public improvement to any contractor or subcontractor whose name appears on the list of debarred contractors. This list is filed with the Secretary of State by the Ohio Department of Commerce-Division of Industrial Compliance & Labor-Bureau of Wage and Hour Administration The filing of the notice of conviction with the secretary of state constitutes notice to all public authorities. These contractors are prohibited from working on public improvements for periods ranging from one to three years. The list of debarred contractors can be located on the website www.com.ohio.gov/laws
- 6. A public authority must designate and appoint **one of its own employees** to serve as the Prevailing Wage Coordinator during the life of the contract for constructing the public improvement. A Prevailing Wage Coordinator must be appointed no later than ten days before the first payment of wages by contractors to employees working on the public improvement.

PUBLIC AUTHORITY'S COMPLIANCE CHECKLIST FOR PREVAILING WAGE

Project:	roject: Number:				
Department:	Department: Phone#:				
PW Coordinator:	***************************************		Phone#:		
Architect/Engineer:		, , , , , , , , , , , , , , , , , , , ,	Phone#:		
Contractor:			Phone#:		
Contact Person:			Title:		
General Contractor:		Prime Contractor: Con	nstruction Mgr:		
Date Completed		Compliance Item Descrip			
	1.	Request Prevailing Wage Determination Schedule Hour	from ODOC-DIC-Wage &		
	2.	Received Prevailing Wage Determination Scho	edule		
	3.	Incorporate Determination Schedule in Specs./			
	4.	Incorporate notice of Prevailing Wage requirement			
		to Bidders			
	5.	Incorporate Prevailing Wage requirements in C	Contract		
	6.	Submit complete Invitation for Bid to ODOC-	DIC-Wage & Hour		
	7.	Invitation for Bids			
	8.	Bid Opening			
	9.	Check Listing of Violators			
	10.	Award of Contract. (see note)			
	11.	Submit Bid Tabulation/Award to ODOC-DIC-	WAGE & HOUR		
	12.	Notice to Successful Bidder			
	13.	Work Commenced(see note)			
	14.	Appoint Prevailing Wage Coordinator			
	15.	Received list of Subcontractors' names, address	sses, phone #'s & email's		
	16.	Received Payroll Date Schedule			
	17.	Received Registered Apprenticeship Agreeme	nt Certifications		
	18. Received Deduction Agreements				
***************************************	19.				
	20. Visited project site				
	21.	Received Changes to Determination Schedule			
	22. Notice to Contractors of Determination Schedule change				
	23.	Request Final Compliance Affidavit from cont			
	24.	Received Final Affidavits from all contractors			
	25.	Certify Final Payment			

Note: If contract is not awarded or construction undertaken within 90 days from the date of establishment of the Prevailing Wage Rates, a re-determination of the Prevailing Wage Rates is required.

REQUES	T FOR STATE (OF OHIO PREVAI	LING WAGE RATES			
Date		(Mark (X) One)	~ Construction			
Project Information (only one projec	t and one county per					
County of Project	Project Name		This form MUST be filled out COMPETELY & CORRECTLY for us to process your			
Site Address	City		request. Forms not completed correctly will be RETURNED TO THE SENDER.			
Owner/Public Authority	***************************************		Prevailing Wage Rates can be obtained on the website www.com.ohio.gov			
Address	Telephone Number	•	ODOC-DIC-WAGE & HOUR DATE STAMP			
City	Zip Code					
PW Coordinator	Telephone Number	•				
Issuing Authority of Bonds	Type of Financing					
Estimated Total Overall Project Cost						
New Construction "O A copy of this form will be returned that copy to us with your bid tabulat	PLEASE MAIL THIS REQUEST TO: Ohio Department of Commerce Division of Industrial Compliance Bureau of Wage & Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 PHONE: (614) 644-2239					
Expected Date of Contract Award	FAX: (614) 728-8639					
Projected Completion Date						
Send Wage Rates to: (contractors are	charged \$5.00 per co	ounty)	ODOC-DIC-W&H DATE STAMP (bid tab)			
Mail Pick Up Federal Express Account Number						
Name	Company or	r Public Authority				
Address						
City Zip	Telephone	Number				
* "Old" construction is reconstruction	n, enlargement, alter	ation, repair, remodelii	ng,			
renovation, or painting.	- -					

BID TABULATION SHEET

Please attach a copy of your original dated and stamped "Request for Prevailing Wage Rates" with this Bid Tabulation. Please check mark which company was awarded the contract for the project.

(Note: DO NOT SEND UNTIL THE CONTRACT HAS BEEN OFFICIALLY AWARDED.)

Ohio Department of Commerce

Division of Industrial Compliance, Bureau of Wage & Hour 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009

(Phone) 614-644-2239, (Fax) 614-728-8639 www.com.ohio.gov

Project Name: Project #: Bid Date: Estimate:	AMAN AMAN AMAN AMAN AMAN AMAN AMAN AMAN						
Project #· Bid Date: Estimate:							
Contract Description: General HVAC Electrical Plumbing Asbestos Other:							
	OTAL AMOUNT						
SUBMITTED BY Print Name: Title:							
Telephone Number: () FAX #:							
Signature: EMAIL: Date:							

INDUSTRIAL DEVELOPMENT BONDS

Bond Projects require the	Public Authori	ty to keep the follo	owing information on file
1. Type of Bonds issued:		Amount:	
2. The total cost of the Project:			
3. The other type of financing involved in	n the project:		,
4. Portion of the project being constructed	ed with each type	of financing:	
5. Are Prevailing Wage Rates being app			t: □Yes□No
6. The name of the political subdivision	who issued the b	onds:	
7. When were the bonds issued:			
8. For what purpose were the bonds issu	ed:		
9. Who handles the funds once the bond	s are sold:		
10. Who is the lending institution that pur	rchased the bond	s:	
11. How are the funds to be paid out:			
12. When are the funds to be paid out:			
13. Who is the Bond Council:			
14. Who has been appointed as the Preva	iling Coordinator	41 . •	
PWC Address:			
City:	ОНЮ	Zip:	Telephone #:
15. Obtain a copy of the inducement and	other official do	cuments for the issu	nance of the bonds.



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDELINES FOR THE PUBLIC AUTHORITY'S PW COORDINATOR

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance and Labor Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Phone: 614-644-2239 Fax: 614-728-8639

www.com.ohio.gov TTY/TDD: 1-800-750-0750

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Prevailing Wage Coordinator Guidelines

For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

- Attend any pre-bid and/or pre-construction meetings.

 1. To explain the prevailing wage rate requirements.

 2. To explain the contractor's responsibilities. A.
- Set up and maintain files containing all contractors' and subcontractors' payroll reports, affidavits, and related documents. These files must be available for public inspection. Β.
- Obtain from each contractor a list of their subcontractors' names, addresses, telephone numbers, C. and email addresses.
- Require each contractor and subcontractor to provide their project dates. This will be used to D. make a time schedule for receiving their certified payrolls.
- Obtain from each contractor, the name and address of their Bonding\Surety Company. E.
- Obtain from out-of-state corporations, the name and address of their Statutory Agent. (This agent must be located in the State of Ohio and registered with the Ohio Secretary of State.) F.
 - Records made in connection with the public improvement must not be removed from the State of Ohio for the period of one year following the completion of the project.
- Supply contractors with any changes in the Prevailing Wage Rates. G.
- Within two weeks after the first pay, obtain a certified payroll report from each contractor. A H. certified report is one that is sworn to and signed by the contractor.
 - If the job will exceed four months, all reports after the initial report can be filed 1. once per month. (The initial report must be filed within two weeks.)
 - If the job will last less than four months, all reports are to be filed weekly after 2. the initial report.
- I.
- Establish and follow procedures to monitor compliance by contractors and subcontractors.

 1. Visit project to verify posting requirements and job classifications.

 2. Review certified payroll reports to ensure they are submitted in a timely fashion and complete with the following information for each employee:

 a) Name, current address, and their social security number or last 4 when permitted b) Classification (must be specific for laborers and operators, including level)

 - Hours worked on the project c)
 - d) Hourly rate

 - e) Fringe benefits, if applicable
 f) Total hours worked for the week (all jobs)
 g) Gross wages, all deductions, net pay
 Compare rates and fringes reported to rates in prevailing wage schedule.
- Upon completion of the project and prior to the final payment, require an affidavit of compliance from each contractor and subcontractor. No public authority shall make final payment to any J. contractor or subcontractor unless the final affidavits have been filed by the respective contractor and subcontractor. (O.R.C. section 4115.07)
- Report any non-compliance to Ohio Department of Commerce, Division of Industrial Compliance, Bureau of Wage & Hour Administration. The PW complaint form and instructions can be obtained on the website www.com.ohio.gov. K.

RECORD OF THE CERTIFIED PAYROLL REPORTS RECEIVED

Project:		Number:	
Contractor:		Phone #: Email:	
General Contractor:	Prime Contractor:	Subcontractor:	
Date work commenced:	Completed:	Final Affidavit:	

Payroll	Payroll Date	Date Received		Payroll	Payroll Date	Date Received
1	· · · · · · · · · · · · · · · · · · ·			33		
2				34		
3				35		
4				36		
5				37		
6				38		
7				39		
8				40		
9				41		
10				42		
11]	43		
12				44		
13				45		
14				46		
15			1	47		
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19				51		
20				52		
21				53		
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25	L. P. CONTROL PROPERTY			57		
26	WHITE			58		
27			1	59		
28			ļ ·	60		
29			1	61		
30		<u></u>	1	62		
31			1	63		
32				64		

PREVAILING WAGE INVESTIGATION\EMPLOYEE INTERVIEW

Failure to co	mplete this in	nterview	form may rec	luce ou	r ability to re	ecover b	ack wa	ges whic	n may b	e owed to	you.	
Project:										Case #:		
Address:				C	City:				(County:		
Employee Name:								Last 4	digits o	of the S	S#:	
Address:				City	•			State:				Zip:
Telephone #: (Home)	(Work)			Emai	il:			Best ti	me to l	oe reac	hed:	
Another source by which we can co	ntact you.(So	meone n	ot living at yo	ur addı	ress):	***						
Name:		Relation	onship:				Tele	phone	# :			
Contractor's Name:							Tele	phone	# :			
Address:			Cit	y:			Stat	e:			Zip:	
Date hired: Date	e started o	n this p	roject :		Approxim	nate ho	urs -	Straight	time:		Overti	me:
Method of recording hours:	Time	Card	Called	into c	office	Reco	rded	by:	Emp	loyee		Foreman
Did you keep a personal rec	ord of your	hours	worked on	this p	roject?	Yes [No	Do yo	u have	check	stubs	? Yes No
Did anyone else keep a pers	onal recor	d ?∐Y	′es No		If yes,	who:					•	
List your job classification(s)	•					□Journeyman □ Helper □Apprentice - Level						
List your specific job duties:					List tools	List tools\equipment used:						
Hourly rate of pay for this pro	oject:				Your reg	ular rat	e of p	ay:	·			
				urance Life Insurance Pension Bonus Apprenticeship training Profit Sharing								
Did you work overtime?	Yes N	o	Were hour	s ove	r 40 per w	eek pa	id at f	ime and	l one h	alf?	Ye	s No
When is your pay day?					Method o	f paym	ent:	Ch	eck	Cash	Di	irect Deposit
List names of co-workers on	this projec	ot:										
Comments:				worked	Please provide a detailed list of the dates, times and hours worked within each classification that may apply to the work performed on a separate sheet.							
SIGNATURE AND NOTARY												
Affiant is further informed that Section 2921.13 of the Ohio Revised Code provides a penalty of a misdemeanor of the first degree and that prosecution will be pursued of those persons who "knowingly swear or affirm the truth of a false statement whenthe statement is sworn or affirmed before a notary public" Sworn to before me and subscribed by the said: in my presence this day of Notary Public				Signatur Return to	I hereby certify that this is a true statement to the best of my knowledge at belief. Signature Date Return to: Ohio Department of Commerce Division of Industrial Compliance & Labor Bureau of Wage and Hour Administration 6606 Tussing Road P.O. Box 4009 Reynoldsburg, Ohio 43068-9009 (614) 644-2239 www.com.ohio.gov							
Signature of PW Coordinato	r:									Date	:	

EMPLOYEE VS. INDEPENDENT CONTRACTOR

←→ INDEPENDENT CONTRACTOR	☐ ↔ INDEPENDENT CONTRACTOR	☐ ↔ INDEPENDENT CONTRACTOR	→ INDEPENDENT CONTRACTOR	☐ ↔ INDEPENDENT CONTRACTOR	☐ ↔ INDEPENDENT CONTRACTOR	→ INDEPENDENT CONTRACTOR	→ INDEPENDENT CONTRACTOR	← INDEPENDENT
Does the employer have the right to control and direct worker?	Does the worker receive instructions about how and where the work is to be done instead of the employer merely specifying the desired result? NO	Is payment based on time spent rather than a set price for the work to be performed?	Does the worker devote virtually all his working time to the employer rather than offering services to the general public?	Does the worker performing services make their services available to the general public and/or other businesses?	Is there a continuing relationship between employer and worker? NO	Can the worker be discharged at will?	Did the employer train the worker for the job?	Does the employer have employees performing the same work as the independent contractor?
YES	YES	YES	YES	YES	YES	YES	YES	YES
‡	1	, 1	\$	1	1		1	\$
EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE

EMPLOYEE VS. INDEPENDENT CONTRACTOR-continued

NO ↔ INDEPENDENT CONTRACTOR	NO ↔ INDEPENDENT CONTRACTOR	NO ↔ INDEPENDENT CONTRACTOR	NO ↔ INDEPENDENT CONTRACTOR	YES ↔ INDEPENDENT CONTRACTOR	YES ↔ INDEPENDENT CONTRACTOR	YES ↔ INDEPENDENT CONTRACTOR
Does the worker perform services personally rather than delegating them to others?	Does the employer set a specific time when the individual services are to be performed?	Does the employer furnish the tools and materials used by the worker performing services?	Is the employer assuming all the financial risk, rather than the worker making a significant financial investment in the job and having the opportunity to realize a profit or loss from the work?	Does the individual performing the services publicly advertise these services in for example, the newspaper or yellow pages?	Does the individual performing the services have a business license?	Does the individual performing the services operate d.b.a. or under a tradename?
YES	YES	YES	YES	ON	ON .	ON
1	1	‡	\$	1	1	‡
EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE	EMPLOYEE



Mike DeWine Governor

Sheryl Maxfield Director

PREVAILING WAGE GUIDE FOR CONTRACTORS

OHIO DEPARTMENT OF COMMERCE

Division of Industrial Compliance Bureau of Wage and Hour Administration 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009

Phone: 614-644-2239 Fax: 614-728-8639 www.com.ohio.gov TTY/TDD: 1-800-750-0750

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OHIO DEPARTMENT OF COMMERCE Division of Industrial Compliance Bureau of Wage and Hour Administration Chief, Stephen Clegg

Fax: (614) 728-8639

Stephen.Clegg@com.state.oh.us

6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 614-644-2239 fax: 614-728-8639 http://www.com.ohio.gov

INVESTIGATORS and THEIR HEADQUARTER COUNTY				
#48 Dave Horvath	Allen *			
PO Box 1512	Allett			
Lima, Ohio 45802-1512				
Voice: (419) 302-1200				
Fax: (614) 728-8639				
Dave.Horvath@com.state.oh.us				
#30 Mike McKee	Guernsey*			
P.O. Box 1342				
Cambridge, Ohio 43725-2247				
Volce/Fax: (740) 432-1987				
Michael.McKee@com.state.oh.us				
#56 Shawn Miles	O4-vi-t			
P.O. Box 2547	Stark *			
North Canton, Ohlo 44720				
Voice/Fax: (614) 496-9076				
Shawn.Miles@com.state.oh.us				
427 David Diag				
#37 David Rice	Montgomery *			
P.O. Box 41241				
Dayton, Ohio 45441				
Voice/Fax: (740) 502-0883				
<u>Dave.Rice@com.state.oh.us</u>				
#35 Sean Seibert	Lake *			
P.O. Box 422	FUNC			
Painesville, Ohio 44077-3938				
Voice: (614) 557-8662				
Fax: (614) 232-9541				
Sean.Seibert@com.state.oh.us	·			
#11 Kela D. Thompson				
6606 Tussing Rd, PO Box 4009	Franklin *			
Reynoldsburg, Ohio 43068-9009				
Voice: (614) 728-5007				
Fax: (614) 232-9537				
kela.thompson@com.state.oh.us				
* Headquarter County				
Stephen Clegg, Chief	#90 Jackle Clark, Supervisor			
6606 Tussing Road, PO Box 4009	6606 Tussing Rd, PO Box 4009			
Reynoldsburg, Ohio 43068-9009	Reynoldsburg, Ohio 43068-9009			
Voice: (614) 728-8686	Voice: (614) 728-5019			
Fay: (614) 728-8639	70100. (014) 120-0010			

Fax: (614) 222-2357

Jackie.Clark@com.state.oh.us



PREVAILING WAGE CONTRACTOR RESPONSIBILITIES

This is a summary of prevailing wage contractors' responsibilities. For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

General Information

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$250,000 for new construction or \$75,000 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$91,150 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$27,309 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting of a public improvement that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction.

- Thresholds are to be adjusted biennially by the Administrator of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration
- b) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census*, but may not increase or decrease more than 3% for any year

Penalties for violation

Violators are to be assessed the wages owed, plus a penalty of 100% of the wages owed.

Intentional Violations

If an intentional violation is determined to have occurred, the contractor is prohibited from contracting directly or indirectly with any public authority for the construction of a public improvement. Intentional violation means "a willful, knowing, or deliberate disregard for any provision" of the prevailing wage law and includes but is not limited to the following actions:

- Intentional failure to submit payroll reports as required, or knowingly submitting false or erroneous reports.
- Intentional misclassification of employees for the purpose of reducing wages.
- Intentional misclassification of employees as independent contractors or as apprentices.
- Intentional failure to pay the prevailing wage.
- Intentional failure to comply with the allowable ratio of apprentices to skilled workers as required by the regulations established by Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration.
- Intentionally employing an officer, of a contractor or subcontractor, that is known to be prohibited from contracting, directly or indirectly, with a public authority.



Division of Industrial Compliance

Responsibilities

- A. Pay the prevailing rate of wages as shown in the wage rate schedules issued by the Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration, for the classification of work being performed.
 - 1. Wage rate schedules include all modifications, corrections, escalations, or reductions to wage rates issued for the project.
 - Overtime must be paid at time and one-half the employee's base hourly rate. Fringe benefits are paid at straight time rate for all hours including overtime.
 - 3. Prevailing wages must be paid in full without any deduction for food, lodging, transportation, use of tools, etc.; unless, the employee has voluntarily consented to these deductions in writing. The public authority and the Director of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration must approve these deductions as fair and reasonable. Consent and approval must be obtained before starting the project.
- B. Use of Apprentices and Helpers cannot exceed the ratios permitted in the wage rate schedules.
 - 1. Apprentices must be registered with the U.S. Department of Labor Bureau of Apprenticeship and Training.
 - 2. Contractors must provide the Prevailing Wage Coordinator a copy of the Apprenticeship Agreement for each apprentice on the project.
- C. Keep full and accurate payroll records available for inspection by any authorized representative of the Ohio Department of Commerce, Division of Industrial Compliance, and Labor, Bureau of Wage and Hour Administration or the contracting public authority, including the Prevailing Wage Coordinator. Records should include but are not limited to:
 - 1. Time cards, time sheets, daily work records, etc.
 - 2. Payroll ledger\journals and canceled checks\check register.
 - 3. Fringe benefit records must include program, address, account number, & canceled checks.
 - 4. Records made in connection with the public improvement must not be removed from the State for one year following the completion of the project.
 - Out-of-State Corporations must submit to the Ohio Secretary of State the full name and address of their Statutory Agent in Ohio.
- D. Prevailing Wage Rate Schedule must be posted on the job site where it is accessible to all employees.
- E. Prior to submitting the initial payroll report, supply the Prevailing Wage Coordinator with your project dates to schedule reporting of your payrolls.
- F. Supply the Prevailing Wage Coordinator a list of all subcontractors including the name, address, and telephone number for each.
 - 1. Contractors are responsible for their subcontractors' compliance with requirements of Chapter 4115 of the Ohio Revised Code.



Division of Industrial Compliance

- G. Before employees start work on the project, supply them with written notification of their job classification, prevailing wage rate, fringe benefit amounts, and the name of the Prevailing Wage Coordinator for the project. A copy of the completed signed notification should be submitted to Prevailing Wage Coordinator.
- H. Supply all subcontractors with the Prevailing Wage Rates and changes.
- Submit certified payrolls within two (2) weeks after the initial pay period. Payrolls must include the following information:
 - 1. Employees' names, addresses, and social security numbers.
 - a. Corporate officers/owners/partners and any salaried personnel who do physical work on the project are considered employees. All rate and reporting requirements are applicable to these individuals.
 - 2. Employees' work classification.
 - a. Be specific about the laborers and/or operators (Group)
 - b. For all apprentices, show level/year and percent of journeyman's rate
 - 3. Hours worked on the project for each employee.
 - a. The number of hours worked in each day and the total number of hours worked each week.
 - 4. Hourly rate for each employee.
 - a. The minimum rate paid must be the wage rate for the appropriate classification. The Department's Wage Rate Schedule sets this rate.
 - b. All overtime worked is to be paid at time and one-half for all hours worked more than forty (40) per week.
 - 5. Where fringes are paid into a bona fide plan instead of cash, list each benefit and amount per hour paid to program for each employee.
 - a. When the amount contributed to the fringe benefit plan and the total number of hours worked by the employee on all projects for the year are documented, the hourly amount is calculated by dividing the total contribution of the employer by the total number of hours worked by the employee.
 - b. When the amount contributed to the fringe benefit is documented but not the total hours worked, the hourly amount is calculated by **dividing the total yearly contribution by 2080.**
 - 6. Gross amount earned on all projects during the pay period.
 - 7. Total deductions from employee's wages.
 - 8. Net amount paid.
- J. The reports shall be certified by the contractor, subcontractor, or duly appointed agent stating that the payroll is correct and complete; and that the wage rates shown are not less than those required by the O.R.C. 4115.
- K. Provide a Final Affidavit to the Prevailing Wage Coordinator upon the completion of the project.

PREVAILING WAGE NOTIFICATION to EMPLOYEE

4115.05... the contractor or subcontractor shall furnish each employee NOT covered by a collective bargaining agreement written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed.

Project Name:					Job Numb	oer:
Contractor:						
Project Location:						
Prevailing Wage Coor	dinator			Er	nployee	
Public Authority:			Name:			
Name of PWC:			Street:			
Street:			City:			
City:			State/Zip:		- AHAMBEY	
State/Zip:			Phone:			
			Email:			
Phone:			Last 4 Digits o	of SS#:		
You will be performing work on this projetype of work you are performing.	ect that falls u	ınder these	classifications. `	ou will be	oaid the appr	opriate rate for the
Classification:		iling Wage tal Package:		s your enefits *:	Your hourly base rate and overtime:	
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Hourly fringe benefits paid on your beha	lf by this con	npany (Yea	rly amount the co	mpany pa	ys divided by	[,] 2080):
Fringe	Amo	unt		Fringe		Amount
Health Insurance			Vacation			
Life Insurance			Holiday			
Pension			Sick Pay			
Other (Specify)			Training			
Other (Specify)			Total Hourly	Fringes	*	
Contractor's Signature:						Date:
Employee's Signature:						Date:

INSTRUCTIONS FOR PREPARING CERTIFIED PAYROLL REPORTS

General

Contractors and subcontractors are required by law to submit certified payroll reports for work on projects covered by Ohio's Prevailing Wage Law. This form meets the reporting requirements established by Ohio Revised Code Chapter 4115. The use of this form is not mandatory; employers may submit their own forms provided that all of the required information is included. This form may be reproduced, or additional copies obtained from:

Ohio Department of Commerce
Division of Industrial Compliance and Labor
Bureau of Wage & Hour Administration
6606 Tussing Rd, P. O. Box 4009
Reynoldsburg, OH 43068-9009
Phone: (614) 644-2239
www.com.ohio.gov

Certified Payroll Heading

Employer name and address: Company's full name and address... Indicate if the company is a subcontractor.

Subcontractor: Check and list the name of the General Contractor or Prime.

Project: Name and location of the project, including county.

Contracting Public Authority: Name and address of the contracting public authority... (Owner of the project).

Week Ending: Month, day, and year for the last day of the reporting period.

Payroll #: Indicate first, second, third, etc. payroll filed by the company for the project.

Page Indicator: number of pages included in the report.

Project Number: Determined by the public authority... if there is no number leave it blank.

Payroll Information by Column

- Employee Name, Address and Social Security number: This information must be provided for all employees that perform physical labor on the project.
 Corporate officers, partners, and salaried employees are considered employees and must be paid the prevailing rate. Individual sole proprietors do not have to pay themselves prevailing rate but must report their hours on the project.
- Work Class: List classification of work actually performed by employee. If unsure of work classification, consult the Ohio department of Commerce, Wage
 and Hour Bureau. Employees working more than one classification should have separate line entries for each classification. Indicate what year/level for
 Apprentices. Be specific when using laborer and operator classifications; for example, Backhoe Operator or Asphalt Laborer.
- 3. Hours Worked, Day & Date: In the first row of column 3 enter days of pay period example; M T W TH F S S. The second row is for the date that corresponds with each day for the pay period. In the employee information section enter the number of hours worked on the prevailing wage project and which day the hours were worked. Separate rows are labeled for (ST) straight time hours and (OT) overtime hours. All hours worked after 40, must be paid at the appropriate overtime rate.
- 4. Project Total Hours: Total the hours entered for pay period.
- 5. Base Rate: Enter actual rate per hour paid to the employee. The overtime hourly rate is time and one-half the base rate listed in the prevailing wage schedule plus fringe benefits at straight time rate. The prevailing wage schedule lists the base rate plus fringe benefit amounts. These amounts added together equal the total prevailing wage rate. Employers must pay this total amount in one of three ways.
 - a. Total rate may be paid in entirety in the base rate to the employee; in which case, the cash designation will be checked for fringe benefits.
 - b. Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
 - c. Total rate may be paid with a combination of base rate and fringe payments to approved plans in amounts other than those listed in schedule.
- 6. Project Gross: Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 7. Fringes: If fringe benefits are paid in the hourly base rate, indicate this by marking the Cash space. If fringe benefits are paid to approved plans as listed in the prevailing wage rate schedule, mark the space Approved Plans. If fringe benefits are paid partially in the base rate and partially to approved plans, mark the space Cash & Approved plans. List the hourly amount paid to approved plans for each fringe. If payments are not made on a per hour basis, calculate the hourly fringe credit by dividing the yearly employer contribution by the lesser of: hours actually worked in the year (these must be documented) or 2080. Fringe benefits include: Employer's share of health insurance, life insurance, retirement plan, bonus/profit sharing, sick pay, holiday pay, personal leave, vacation, and education/training programs. If unsure of a possible fringe benefit, contact the Ohio Department of Commerce Division of Industrial Compliance and Labor Bureau of Wage & Hour Administration.
- 8. Total Hours All Jobs: Total all hours worked during the pay period including non-prevailing wage jobs.
- 9. Total Gross All Jobs: Gross amount earned in the pay period for all hours worked.
- Self explanatory.
- 11. Self explanatory

Certified Payroll Report

2.Work 3.Prev Class ³⁾ Hours V Class 3.7 Clas	If Sub, GC/Prime Contractor Name:							
TO TS TO								
TO TO TO		Project Name & Location:	Location:		5	Week Ending:		
TO TO TO	Public Authority (Owner):					Ch. 2.2.2)		
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TO TO TO	3.Prevailing Wage Project 4.Total Hours Worked - Day & Date Hours	5.Base Rate	6.Project 7. Fringes: Ca	Cash	☐ Approved Plans	۸	Weekly Payroll Amount	4mount
TO TS TO			Fringe Rate Yo	Fringe Rate Your Company Pays Per Hour	Per Hour	8.Total 9.	9. Total	11. Net
TO TO TO			H&W Pens	Vac Hol (Other Total	all Jobs		Deductions Jobs
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Date	
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Signatu	
Type or Print Name and Title	

11/14 jc

²⁾Attach additional sheets as necessary.

³⁾Type in continuous line, text will wrap.

¹⁾ By signing below, I certify that: (1) I pay, or supervise the payment of the employees shown above; (2) during the pay period reported on this form, all hours worked on this project have been paid at the appropriate prevailing wage rate for the class of work done; (3) the fringe benefits have been paid as indicated above; (4) no rebates or deductions have been or will be made, directly from the total wages earned, other than permissable deductions as defined in ORC Chapter 4115; and (5) apprentices are registered with the U.S. Dept. of Labor, Bureau of Apprenticeship and Training. I understand that the willful falsification of any of the above statements may subject the Contractor or Subcontractor to civil or criminal prosecution.

Pay on All Jobs 1) By signing below, I certify that: (1) pay, or supervise the payment of the employees shown above; (2) during the pay period reported on this form, all hours worked on this project have been paid at the appropriate prevailing wager rate for the class of work done; (3) the finge benefits have been paid as indicated above; (4) no rebates or deductions have been or will be made, directly or indirectly from the total wages earned, other than permissable deductions as defined in ORC Chapter 4115; and (5) apprentices are registered with the U.S. Dept. of Labor, Bureau of Apprenticeship and Training, I understand that the willful falsification of any of the above statements may subject the Contractor difference paid and the total hours being corrected. Provide check# 11. Net The net paid will be the total of Difference in base rate & corrected base rate if applicable in the margin. Weeldy Payroll Amount Total ³⁾Type in continuous line, text will wrap. ថ Date ₽. Gross on All Jobs 9. Total Date Week Ending: Payroll No: 8.Total Hrs for Sheet²⁾ Total corrected for this indiv. Approved Plans Fringe Rate Your Company Pays Per Hour **Total Hours being** Holother Cash & Approved Plans 2) Attach additional sheets as necessary. Difference in fringes & corrected fringes if applicable. Vac Cash Pens Project Name & Location: H8W 7. Frings Certified Payroll Report Sign ÿ Contract No: 6. Pr *** CORRECTED *** 5.Base Rate Signature 4 Total Hours If Sub, GC/Prime Contractor Name: Check if Subcontractor 13 corrected, i.e.: Oct 26 to Nov 02, Public Authority (Owner): Put the period that is being Individual weekly dates Hours Worked - Day & Date 3. Prevailing Wage Project Complete Fill out all other areas of the form as S 6 S 6 S ь Ş 6 β Ь or Subcontractor to civil or criminal prosecution. Class Class 2.Work Type or Print Name and Title usual Address, & SS# (Last 4 1. Employee Name. dgits if permitted) Address Last 4 SSN City, State, Zip Report for: Company: 13 Phone No: Address: 11/14 jc

SUBMIT A CORRECTED REPORT

DO NOT REDO FORM AND CHANGE RATES IF AN ERROR HAS BEEN MADE!

Send cover letter stating what happened along with a signed letter from the employee acknowledging that they were underpaid, received payment, check or transaction number. Contractor provided cancelled endorsed bank check. IMPORTANT NOTICE - This process may be different if the Public Authority is using LCPtracker or some other online system to collect Certified Payroll Report from the contractors.



Division of Industrial Compliance

Affidavit of Compliance

Prevailing Wages

I ₁		
(Name of person sign	ning affidavit) (Title)
do hereby certify that the wages paid to all employee	es of	
(Company	/ Name)	
for all hours worked on the		•
(Project name	and location)	
project, during the period from(Project	to Dates)	are in
compliance with prevailing wage requirements of Ch		
certify that no rebates or deductions have been or w	ill be made, directly	y or indirectly, from any wages
paid in connection with this project, other than those	provided by law.	
(Signature of O	fficer or Agent)	
(olginatal of o		
Sworn to and subscribed in my presence this	day of	, 20
		(Notary Public)

The above affidavit must be executed and sworn to by the officer or agent of the contractor or subcontractor who supervises the payment of employees. This affidavit must be submitted to the owner (public authority) before the surety is released or final payment due under the terms of the contract is made.

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Prevailing Wage Determination Cover Letter

County:

WARREN

₹

Determination Date:

05/11/2020

Expiration Date:

08/11/2020

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract..."

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: "On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed."

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.) wh1500

Name of Union: Asbestos Local 50 Zone 1

Change #: LCN01-2020fbLoc50

Craft: Asbestos Worker Effective Date: 03/25/2020 Last Posted: 03/25/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fur		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification				·							
Asbestos Insulation Mechanic	\$3.	2.33	\$7.45	\$7.24	\$0.44	\$0.00	\$2.50	\$0.15	\$0.00	\$0.00	\$50.11	\$66.28
Firestop Technician	\$3	2.33	\$7.45	\$7.24	\$0.44	\$0.00	\$2.50	\$0.15	\$0.00	\$0.00	\$50.11	\$66.28
Apprentice	Per	cent										
1st year	52.83	\$17.08	\$7.21	\$0.00	\$0.40	\$0.00	\$0.00	\$0.15	\$0.00	\$0.00	\$24.84	\$33.38
2nd year	63.23	\$20.44	\$7.21	\$0.91	\$0.40	\$0.00	\$0.00	\$0.15	\$0.00	\$0.00	\$29.11	\$39.33
3rd year	72.65	\$23.49	\$7.21	\$1.81	\$0.40	\$0.00	\$0.30	\$0.15	\$0.00	\$0.00	\$33.36	\$45.10
4th year	83.05	\$26.85	\$7.21	\$1.81	\$0.40	\$0.00	\$0.30	\$0.15	\$0.00	\$0.00	\$36.72	\$50.15

Special Calculation Note: Other is Industry Fund.

Ratio:

4 Journeymen to 1 Apprentice Company Wide Mechanic

Jurisdiction (* denotes special jurisdictional note):

ATHENS, AUGLAIZE, BUTLER*, CLINTON, except no apprentice may work on the jobsite without a CRAWFORD, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GUERNSEY, HARDIN, HOCKING, KNOX, LICKING, LOGAN, MADISON, MARION, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, ROSS, SHELBY, UNION, VINTON, WARREN*

Special Jurisdictional Note: Township of Butler County-Townships of Lemon and Madison, Warren County-Township of Cleer Creek, Franklin, Massie, Turtle Creek and Wayne

Name of Union: Asbestos Local 8 Heat & Frost Insulators

Change #: LCN01-2020fbAsbLoc8

Craft: Asbestos Worker Effective Date: 03/01/2020 Last Posted: 02/26/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		41-11-21
Class	sification											
Asbestos Insulators	\$30	0.07	\$6.89	\$9.35	\$0,41	\$0,00	\$2.10	\$0.00	\$0.00	\$0.00	\$48.82	\$63,86
Apprentice	Per	cent										
1st year	45.90	\$13.80	\$6.89	\$5.10	\$0.41	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$28.30	\$35,20
2nd year	53.20	\$16.00	\$6.89	\$6.65	\$0.41	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$32.05	\$40.05
3rd year	58.20	\$17.50	\$6.89	\$6.65	\$0.41	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$33.55	\$42.30
4th year	63.20	\$19.00	\$6.89	\$6.65	\$0.41	\$0.00	\$2.10	\$0.00	\$0.00	\$0.00	\$35.05	\$44.56

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

- 1 Journeymen to 1 Apprentice
- 2 Journeymen to 2 Apprentice
- 3 Journeymen to 3 Apprentice
- 3 Journeymen to 1 Apprentice there After

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER*, CLERMONT, HAMILTON, HIGHLAND, WARREN*

Special Jurisdictional Note: In Butler County:townships of

Fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, St. Clair, Union & Wayne. In Warren County: Townships of Deerfield, Hamilton, Harlan, Salem, Union & Washington

Details:

All work in connection with Asbestos Removal, Abatement, Encapsulation, Lead Abatement, Hazardous Materials and Fire Stopping which is performed by employees in the Mechanic or Apprentice Classification shall be covered under the terms of this Agreement.

Name of Union: Asbestos Local 207 OH

Change #: LCN01-2018fbLoc207OH

Craft: Asbestos Worker Effective Date: 08/23/2018 Last Posted: 08/23/2018

	BHR		Frii	ıge Bene	fit Paym	ents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification										
Asbestos Abatement	\$25.50	\$7.25	\$6.45	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$39.92	\$52.67
Trainee	\$16.50	\$7.25	\$1.50	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$25.97	\$34.22

Special Calculation Note:

Ratio:

3 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA*, ATHENS, AUGLAIZE, BROWN, BUTLER*, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARDIN, HARRISON, HIGHLAND, HOCKING, HOLMES, HURON, KNOX, LAKE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PORTAGE, PREBLE, RICHLAND, ROSS, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN*, WAYNE

Special Jurisdictional Note: Butler County: (townships of

Fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, StClair, Union & Wayne.) (Lemon & Madison) Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington). (Clear Creek, Franklin, Mossie, Turtle Creek & Wayney). Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneaut, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe, Morgan, New Lyme, North Kingsville, Orwell, Pierpoint, Richmond Rock Creek, Rome, Shefield, Trumbull, Wayne, Williamsfield & Windsor) Erie County: (post offices & townships of Berlin, Berlin Heights, Birmingham, Florence, Huron, Milan, Shinrock & Vermilion)

Details:

Asbestos & lead paint abatement including, but not limited to the removal or encapsulation of asbestos & lead paint, all work in conjunction with the preparation of the removal of same & all work in conjunction with the clean up after said removal. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) is recognized as being the exclusive work of the Asbestos Abatement Workers.

On all mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) that are going to be demolished, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the Laborers. An Abatement Journeyman is anyone who has more than 300 hours in the Asbestos Abatement field.

Name of Union: Boilermaker Local 105

Change # : LCN02-2013fbLoc 105

Craft: Boilermaker Effective Date: 10/01/2013 Last Posted: 09/25/2013

	BI	HR		Fring	ge Bene				Irrevo Fur	ıd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classi	ification											
Boilermaker	\$35	5.26	\$7.07	\$13.28	\$0.89	\$0.00	\$3.00	\$0.55	\$0.00	\$0.00	\$60.05	\$77.68
Apprentice	Per	cent										
1st 6 months	70.03	\$24.69	\$7.07	\$11.30	\$0.89	\$0.00	\$2.10	\$0.55	\$0.00	\$0.00	\$46.60	\$58.95
2nd 6 months	75.02	\$26.45	\$7.07	\$11.30	\$0.89	\$0.00	\$2.25	\$0.55	\$0.00	\$0.00	\$48.51	\$61.74
3rd 6 months	80.00	\$28.21	\$7.07	\$11.30	\$0.89	\$0.00	\$2.40	\$0.55	\$0.00	\$0.00	\$50.42	\$64.52
4th 6 months	85.02	\$29.98	\$7.07	\$11.30	\$0.89	\$0.00	\$2.55	\$0.55	\$0.00	\$0.00	\$52.34	\$67.33
5th 6 months	87.52	\$30.86	\$7.07	\$13.28	\$0.89	\$0.00	\$2.63	\$0.55	\$0.00	\$0.00	\$55.28	\$70.71
6th 6 months	90.03	\$31.74	\$7.07	\$13.28	\$0.89	\$0.00	\$2.70	\$0.55	\$0.00	\$0.00	\$56.23	\$72.11
7th 6 months	92.50	\$32.62	\$7.07	\$13.28	\$0.89	\$0.00	\$2.78	\$0.55	\$0.00	\$0.00	\$57.19	\$73.49
8th 6 months	95.00	\$33.50	\$7.07	\$13.28	\$0.89	\$0.00	\$2.85	\$0.55	\$0.00	\$0.00	\$58.14	\$74.89

Special Calculation Note: Other is Supplemental Health and Welfare

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5 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ATHENS, BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GREENE, GUERNSEY, HAMILTON, HIGHLAND, HOCKING, JACKSON, LAWRENCE, LICKING, MADISON, MEIGS, MIAMI, MONTGOMERY, MORGAN, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PREBLE, ROSS, SCIOTO, VINTON, WARREN

Special Jurisdictional Note:

Name of Union: Boilermaker Local 154

Change #: LCN01-2012kpLoc 154

Craft: Boilermaker Effective Date: 03/22/2012 Last Posted: 03/22/2012

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Boilermaker	\$3	6.17	\$8.57	\$11.28	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$62.56	\$80.65
Trainee 60%	\$2.	3,25	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$41.95	\$53.57
Trainee 70%	\$2	7.13	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$45.83	\$59.40
Trainee 80%	\$3	1.00	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$49.70	\$65.20
Trainee 90%	\$34	4,88	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$53.58	\$71.02
Apprentice Registered After 11/01/2005	Per	cent						-				
1st 6 months	60.00	\$21.70	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$40.40	\$51.25
2nd 6 months	65.00	\$23.51	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$42.21	\$53.97
3rd 6 months	70.00	\$25.32	\$8.57	\$3.59	\$0,55	\$0.00	\$4.25	\$0.34	\$0.00	\$1,40	\$44.02	\$56.68
4th 6 months	75.00	\$27.13	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$45.83	\$59.39
5th 6 months	80.00	\$28,94	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$47.64	\$62.10
6th 6 months	85.00	\$30,74	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$49,44	\$64.82
7th 6 months	90.00	\$32.55	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$51.25	\$67.53
8th 6 months	95,00	\$34.36	\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0,34	\$0.00	\$1.40	\$53.06	\$70.24

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

5 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note): BUTLER, COLUMBIANA, FAYETTE, JEFFERSON, LAWRENCE, MERCER, WARREN, WASHINGTON

Special Jurisdictional Note:

Details:

Work includes but not limited to: boiler making, acetylene burning, riveting, chipping, caulking, rigging, fitting-up, grinding, reaming, impact machine operating, unloading, and handling of boilermaker's material and equipment. Boilermakers, Blacksmiths, Forgers, Iron Shipbuilders

Name of Union: Bricklayer Local 18

Change #: LCN01-2019fbLoc18

	BH	ffective IR			ge Bene				Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classi	fication											
Bricklayer	\$28	.66	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.32	\$57.65
Stone Mason	\$28	.66	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.32	\$57.65
Pointer Caulker Cleaner	\$28	3.66	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.32	\$57.65
Refractory Workers	\$29).66	\$8.75	\$5.38	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.31	\$59.14
Refractory Worker Hot Pay	\$31	.66	\$8.75	\$5.38	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.31	\$62.14
Sawman	\$28	3.91	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.57	\$58.03
Layout Man	\$28	3.91	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.57	\$58.03
Free Standing Chimney	\$29	\$29.16		\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.82	\$58.40
Apprentice	Per	cent										
1st 6 months	60.00	\$17.20	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.86	\$40.45
2nd 6 months	65.00	\$18.63	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.29	\$42.60
3rd 6 months	70.00	\$20.06	\$8.75	\$5.38	\$0.53	<u> </u>	<u> </u>	\$0.00	\$0.00	\$0.00	\$34.72	\$44.75
4th 6 months	75.00	\$21.50	\$8.75	\$5.38	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.16	\$46.90
5th 6 months	80.00	\$22.93	\$8.75	\$5.38	\$0.53	<u></u>]	\$0.00		\$0.00	\$37.59	\$49.05
6th 6 months	85.00	\$24.36	\$8,75	\$5.38	\$0.53			\$0.00		\$0.00	\$39.02	\$51.20
7th 6 months	90.00	\$25.79	\$8.75	\$5.38		\$0.00		\$0.00		\$0.00	\$40.45	\$53.35
8th 6 months	95.00	\$27,23	\$8.75	\$5,38		\$0.00		\$0.00		\$0.00	\$41.89	\$55.50
MASON FINISHER 1st 180 Days	45.00	\$12.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.90	\$19.35
	45.00	\$12.90	\$8.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.65	\$28.10

1st Year H&W after 6 months	,					- 4444	,					
2nd Year	50.00	\$14.33	\$8.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.08	\$30.25

Special Calculation Note: **In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.

Ratio:

- 1-2 Journeyman to 1 Apprentice
- 3-4 Journeyman to 2 Apprentice
- 5-6 Journeyman to 2 Apprentice
- 7-10 Journeyman to 3 Apprentice
- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprenticepermits 2 Mason Trainees
- 4 Apprentice permits 2 Mason Trainees

For each additional 5 Journeyman to 1 Apprentice, for every 3 additional Apprentices, 1 Mason Finisher may be added Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE*, WARREN

Special Jurisdictional Note : In Preble County the following townships are included: (Dixon, Gasper, Graits, Israel, Lanier and Somers)

Details:

MASON FINISHER:duties shall be to work in all aspects of Masonry construction taking direction from the employer and the Journeyman Bricklayer & Stone Mason's working on the job. Mason Finisher's may work on job site only when a registered apprentice is on job and the ratios in table above will strictly be enforced.

Refractory work is classified as working with any of the following materials: Acid brick, carbon black brick or carbon black block, firebrick grinding, plastics (with a gun) and any resinous cement.

Fifty cents (\$0.50) per hour above scale shall be paid to employees working on free standing industrial or institutional chimneys which are completely detached from any building structure.

Name of Union: Bricklayer Local 18 Tile Finisher

Change #: LCN01-2019fbLoc18

Craft: Bricklayer Effective Date: 09/04/2019 Last Posted: 09/04/2019

Tale: Brief		łR			ge Bene	fit Payn	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classific	cation											
Bricklayer Tile Marble Terrazzo Finisher	\$24.69		\$9.22	\$5.10	\$0.50	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$39.51	\$51.86
Terrazzo Base Grinder	\$25.19		\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.01	\$52.61
Marble Sander Polisher	\$24	1.79	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.61	\$52.01
Apprentices	Per	cent										
1st 6 months 0-600 hrs	60.00	\$14.81	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.63	\$37.04
2nd 6 months 601-1200 hrs	65.00	\$16.05	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.87	\$38.89
3rd 6 months 1201-1800 hrs	70.00	\$17.28	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.10	\$40.74
4th 6 months 1801-2400 hrs	75.00	\$18.52	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.34	\$42.60
5th 6 months 2401-3000 hrs	80.00	\$19.75	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57	\$44.45
6th 6 months 3001-3600	90.00	\$22,22	\$9.22	\$5.10	\$0.50	\$0.00	\$0.00	\$0.00	\$0,00	\$0.00	\$37.04	\$48.15
1-30 Days Prior to Entering Apprenticeship	50.00	\$12.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.35	\$18,52

Special Calculation Note: Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page. **In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.**

Ratio:

- 1 Journeyman to 1 Apprentice
- 5 Journeymen to 1 Apprentice
- 10 Journeymen to 2 Apprentices
- 15 Journeymen to 3 Apprentices
- 20 Journeymen to 4 Apprentices
- 25 Journeymen to 5 Apprentices

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER, CLERMONT, GALLIA, HAMILTON, LAWRENCE, PREBLE*, SCIOTO,

WARREN, WARREN*

Special Jurisdictional Note: Warren in the townships of Dixon, Gasper, Isrsel, Somers & Gratis in Prebble County

Name of Union: Bricklayer Local 18 Tile Mechanic

Change #: LCN01-2019fbLoc18

Craft: Bricklayer Effective Date: 09/04/2019 Last Posted: 09/04/2019

	BI	HR			ige Bene				Irrevo Fu		Total PWR	Overtime Rate
Westerdiness			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification											
Bricklayer Tile Terrazzo Marble Mason Mechanic	\$29	9.24	\$9.22	\$5.10	\$0.54	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$44.10	\$58.72
Marble Layout Work	\$29	9.74	\$9.22	\$5.10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.60	\$59.47
Swing Scaffold Worker	\$30	0.74	\$9.22	\$5.10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.60	\$60.97
Apprentice after 2 years (2400 hrs) as Apprentice Finisher												
5th/6 Months 0-600 hrs.	70.00	\$20.47	\$9.22	\$5.10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.33	\$45.56
6th/6 months 601-1200 hrs.	75,00	\$21.93	\$9.22	\$5.10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.79	\$47.75
7th/6 months 1201-1800 hrs.	80.00	\$23.39	\$9.22	\$5,10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.25	\$49.95
8th/6 months 1801-2400 hrs.	90.00	\$26.32	\$9.22	\$5.10	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00	\$41.18	\$54.33

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local. Note that the classification description is clarified after the local union number at the top of the page.

Ratio:

- 1 Journeyman to 1 Apprentice
- 5 Journeymen to 1 Apprentice
- 10 Journeymen to 2 Apprentices
- 15 Journeymen to 3 Apprentices
- 20 Journeymen to 4 Apprentices
- 25 Journeymen to 5 Apprentices

Jurisdiction (* denotes special jurisdictional note): ADAMS, BROWN, BUTLER, CLERMONT, GALLIA,

HAMILTON, LAWRENCE, PREBLE*, SCIOTO, WARREN

Special Jurisdictional Note: In Preble County the Townships of Dixon, Israel, Gasper, Lanier, Somers and Gratis.

^{**}In order to utilize a Pre-Apprentice, you must have 1 Registerd Apprentice in your employ.**

Name of Union: Carpenter & Pile Driver SW District HevHwy

Change #: LCN01-2020fbLoc126

Craft: Carpenter Effective Date: 05/07/2019 Last Posted: 05/07/2020

Crait: Ca		HR			***************************************	fit Payr			Irrevo	cable	Total	Overtime
									Fui		PWR	Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification		·									
Carpenter	\$3	1.01	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$49.19	\$64.70
Pile Driver	\$29.34		\$6.63	\$6.95	\$0.40	\$0.00	\$1.97	\$0.10	\$0.00	\$0.00	\$45.39	\$60.06
Apprentice	Pei	rcent										
1st 6 Months	60.00	\$18.61	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$36.79	\$46.09
2nd 6 Months is 1st year	65.00	\$20,16	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$38.34	\$48,41
3rd 6 Months	70.00	\$21.71	\$7.89	\$6,95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$39.89	\$50.74
4th 6 Months is 2 years	75.00	\$23.26	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$41.44	\$53.07
5th 6 Months	80.00	\$24.81	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$42.99	\$55.39
6th 6 Months is 3 years	85.00	\$26.36	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$44.54	\$57.72
7th 6 Months	90.00	\$27.91 ⁻	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$46.09	\$60.04
8th 6 Months is 4 years	95.00	\$29.46	\$7.89	\$6.95	\$0.40	\$0.00	\$2.82	\$0.12	\$0.00	\$0.00	\$47.64	\$62.37

Special Calculation Note: Other is UBC National Fund.

Ratio:

1 Journeymen to 1 Apprentice

An employer shall have the right to employ one (1) Apprentice for one (1) Journeyman Carpenter in its employment for the first Apprentice employed, and 1 (1) Apprentice for two (2) Journeyman Carpenter for additional Apprectices employed.

Thereafter, every third additional carpenter hired shall be

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY, WARREN an apprentice, if available, and if practical for the type of work being performed.

Special Jurisdictional Note:

Details:

Highway Construction, Airport Construction, Heavy Construction but not limited to:(tunnels,subways,drainage projects,flood control,reservoirs). Railroad Construction,Sewer Waterworks & Utility Construction but not limited to: (storm sewers, waterlines, gaslines). Industrial & Building Site, Power Plant, Amusement Park, Athletic Stadium Site, Sewer and Water Plants.

When the Contractor furnishes the necessary underwater gear for the Diver, the Diver shall be paid one and one half (1&1/2) times the journeyman rate for the time spent in the water.

Name of Union: Carpenter & Pile Driver SW Zone 2

Change # : LCN01-2020fbLoc126

Craft: Carpenter Effective Date: 06/18/2020 Last Posted: 06/18/2020

	Bl	HR		Fring	ge Bene	fit Payn	ients		Irrevo Fur	31	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Carpenter	\$2	7.87	\$7.81	\$6.95	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$44.82	\$58.76
Pile Driver	\$2:	5.84	\$6.62	\$6,95	\$0.40	\$0.00	\$0.91	\$0.10	\$0.00	\$0.00	\$40.82	\$53.74
Apprentice												
1st 3 Months	60.00	\$16.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.72	\$25.08
2nd 3 Months	60,00	\$16.72	\$7.81	\$0.00	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$26.72	\$35.08
2rd 6 Months	60.00	\$16.72	\$7.81	\$0.00	\$0.38	\$0.00	\$1.64	\$0.17	\$0,00	\$0.00	\$26.72	\$35.08
3rd 6 Months	65.00	\$18.12	\$7.81	\$0.00	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$28.12	\$37.17
4th 6 Months	65,00	\$18.12	\$7.81	\$0.00	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$28.12	\$37.17
5th 6 Months	70.00	\$19.51	\$7.81	\$6.95	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$36.46	\$46.21
6th 6 Months	75.00	\$20.90	\$7.81	\$6.95	\$0.38	\$0,00	\$1.64	\$0.17	\$0.00	\$0.00	\$37.85	\$48.30
7th 6 Months	80.00	\$22.30	\$7.81	\$6.95	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$39.25	\$50.39
8th 6 Months	85,00	\$23.69	\$7.81	\$6.95	\$0.38	\$0.00	\$1.64	\$0.17	\$0.00	\$0.00	\$40.64	\$52.48

Special Calculation Note: Other is for UBC National Fund.

Ratio:

1 Journeyman to 1 Apprentice

3 Journeyman to 1 Apprentice

5 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Carpenter duties shall include but not limited to: Pile driving,

milling,fashioning,joining,assembling,erecting,fastening, or dismantling of all material of wood,plastic,metal,fiber,cork,and composition, and all other substitute materials: pile driving,cutting,fitting,and placing of lagging, and the handling,cleaning,erecting,installing,and dismantling of machinery,equipment,and erecting pre-engineered metal buildings.

Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling, and reloading all equipment that is used for pile driving including pile butts. pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The diver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete, or composite that is jetted, driven, or vibrated onto the ground by conventional pile driving equipment for the purpose of supporting a future load that may be permanent or temporary. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite. loading, unloading, erecting, framing, dismantling, moving, and handling of pile driving equipment. piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams, and the erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed.

Rate shall include carpenters, acoustic, and ceiling installers, drywall installers, pile drivers, and floorlayers.

Name of Union: Carpenter Floorlayer SW District G

Change #: LCR01-2020fbLocSWDayton

Craft: Carpenter Effective Date: 09/10/2020 Last Posted: 09/10/2020

	В	FR		Frin	ge Bene	fit Payn	nents		Irrevo Fur		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification	·										
Carpenter Floorlayer	\$2	6.36	\$7.80	\$6.95	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$43.33	\$56.51
Apprentice												
1st 3 months	60.00	\$15.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.82	\$23.72
2nd 3 months	60,00	\$15.82	\$7.80	\$0.00	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$25.84	\$33.74
2nd 6 months	60,00	\$15.82	\$7.80	\$0.00	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$25.84	\$33,74
3rd 6 months	60.00	\$15.82	\$7.80	\$0.00	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$25.84	\$33.74
4th 6 months	65.00	\$17.13	\$7.80	\$0.00	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$27.15	\$35.72
5th 6 months	70.00	\$18.45	\$7.80	\$6.95	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$35.42	\$44.65
6th 6 months	75.00	\$19.77	\$7.80	\$6.95	\$0.40	\$0.00	\$1.70	\$0.12	\$0,00	\$0.00	\$36.74	\$46.63
7th 6 months	80.00	\$21.09	\$7.80	\$6.95	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$38.06	\$48.60
8th 6 months	85.00	\$22,41	\$7.80	\$6.95	\$0.40	\$0.00	\$1.70	\$0.12	\$0.00	\$0.00	\$39.38	\$50,58

Special Calculation Note: Other fs for UBC National Fund and Install

Ratio:

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY, WARREN

Special Jurisdictional Note:

Details:

Scope of work shall include, but not be limited to: receiving,unloading,handling,distribution and installation of all carpeting materials,carpet padding or matting materials and all resilient materials whether for use on walls,

floors, counter, sink, table and all preparation work necessary in connection therewith, including sanding work. the installation of nonstructural under-layment and the work of removing, cleaning waxing of any of the above. Carpeting shall include any floor covering composed of either natural or synthetic fibers that are made in breadths to be sewed, fastened or directly glued to floors or over cushioning sound-proofing materials. Resilient Floors shall consist of and include the laying of all special designs of wood, wood block, wood composition, cork, linoleum, asphalt, mastic, plastic, rubber tile, whether nailed or glued.

Name of Union: Carpenter Millwright Local 1090 SW Zone I

Change #: LCN01-2020fbLoc1066

Craft: Carpenter Effective Date: 09/10/2020 Last Posted: 09/10/2020

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		ш		FIII	ge Dene	efit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Carpenter Millwright	\$3	2.00	\$7.78	\$6.95	\$0.44	\$0.00	\$6.73	\$0.25	\$0.00	\$0.00	\$54.15	\$70.15
Apprentice	Pe	rcent .										
1st 6 months	60.00	\$19.20	\$7.78	\$4.27	\$0.44	\$0.00	\$4.04	\$0.25	\$0.00	\$0.00	\$35.98	\$45.58
2nd 6 months	65.00	\$20.80	\$7.78	\$4.61	\$0.44	\$0.00	\$4.37	\$0.25	\$0.00	\$0.00	\$38.25	\$48.65
3rd 6 months	70.00	\$22,40	\$7.78	\$4.94	\$0.44	\$0.00	\$4.71	\$0.25	\$0.00	\$0.00	\$40.52	\$51.72
4th 6 months	75.00	\$24.00	\$7.78	\$5.28	\$0.44	\$0.00	\$5.05	\$0.25	\$0.00	\$0.00	\$42.80	\$54.80
5th 6 months	80.00	\$25.60	\$7.78	\$5,61	\$0.44	\$0.00	\$5.38	\$0.25	\$0.00	\$0.00	\$45.06	\$57.86
6th 6 months	85.00	\$27.20	\$7.78	\$5.95	\$0.44	\$0.00	\$5.72	\$0.25	\$0.00	\$0.00	\$47.34	\$60.94
7th 6 months	90.00	\$28.80	\$7.78	\$6,28	\$0.44	\$0.00	\$6.06	\$0.25	\$0.00	\$0.00	\$49.61	\$64.01
8th 6 months	95.00	\$30,40	\$7.78	\$6.62	\$0.44	\$0.00	\$6.39	\$0.25	\$0.00	\$0.00	\$51.88	\$67.08

Special Calculation Note: Other (\$0.25) \$0.10 National Fund, \$0.10. Drug Safety Program \$0.10 and National Millwright Fund \$0.05

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3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Name of Union: Carpenter NE District Industrial Dock & Door

Change #: LCN01-2014fbCarpNEStatewide

Craft: Carpenter Effective Date: 03/05/2014 Last Posted: 03/05/2014

	Bì	HR		Fring	ge Bene	fit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	H&W Pension App Vac. Annuity Other Tr.						MISC (*)		
Cla	essification											
Carpenter	\$19	9.70	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.90	\$35,75
Trainee	Percent											
1st Year	60.00 \$11.82		\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.02	\$23.93
2nd Year	80.20	\$15.80	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.00	\$29.90

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note: Industrial Dock and Door is the installation of overhead doors, roll up doors and dock leveling equipment

Details:

10/27/10 New Contract jc

Name of Union: Cement Mason Bricklayer Local 97 HevHwy A

Change #: LCN01-2020fbHvyHwy

Craft: Bricklayer Effective Date: 06/01/2020 Last Posted: 05/21/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fur		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	Classification						L.					
Cement Mason Bricklayer Sewer Water Works A	\$2	9.96	\$9.50	\$6.77	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.70	\$61.68
Apprentice	Pei	rcent										
1st year	50.00 \$14.98		\$9.50	\$6.77	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.72	\$39.21
2nd year	70.00	\$20.97	\$9.50	\$6.77	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.71	\$48.20
3rd year	90.00	\$26,96	\$9.50	\$6.77	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00	\$43.70	\$57.19

Special Calculation Note: NOT FOR BUILDING CONSTRUCTION.

Ratio:

3 Journeymen to 1 Apprentice 6 Journeymen to 2 Apprentice 9 Journeymen to 3 Apprentice 12 Journeymen to 4 Apprentice 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Name of Union: Cement Mason Bricklayer Local 97 HevHwy B

Change #: LCN01-2020fbHvyHwy

Craft: Bricklayer Effective Date: 06/01/2020 Last Posted: 05/21/2020

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	Classification											
Cement Mason Bricklayer Power Plants Tunnels Amusement Parks B		0.95	\$9.50	\$6.77	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.70	\$63.17
Apprentice	Percent											
1st year	50.00	\$15.48	\$9.50	\$6.77	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.23	\$39.96
2nd year	70,00	\$21.66	\$9.50	\$6.77	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.42	\$49.25
3rd year	90.00	\$27.85	\$9.50	\$6.77	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.60	\$58.53

Special Calculation Note: NOT FOR BUILDING CONSTRUCTION.

Ratio:

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 2 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON. JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING. PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT,

TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Name of Union: Cement Mason Local 132 (Cincinnati)

Change #: LCN01-2019fbLoc132

Craft: Cement Effective Date: 06/05/2019 Last Posted: 06/05/2019

	В	HR		Fring	ge Bene	fit Pay	ments		Irrevo Fur		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	LECET (*)	MISC (*)			
Class	sification											
Cement Mason	\$24	4.50	\$6.70	\$6.50	\$0.60	\$0.00	\$0.80	\$0.00	\$0.00	\$0.00	\$39.10	\$51.35
Apprentice	Per	cent										
1st yr	70.00 \$17.15		\$6.70	\$6.50	\$0.60	\$0.00	\$0.80	\$0.00	\$0.00	\$0.00	\$31.75	\$40.32
2nd yr	80.00	\$19.60	\$6.70	\$6.50	\$0.60	\$0.00	\$0.80	\$0.00	\$0.00	\$0.00	\$34.20	\$44.00
3rd yr	90.00	\$22.05	\$6.70	\$6.50	\$0.60	\$0.00	\$0.80	\$0.00	\$0.00	\$0.00	\$36.65	\$47.68

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 1 Apprentice

4 Journeymen to 2 Apprentice

7 Journeymen to 3 Apprentice

10 Journeymen to 4 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

Special Jurisdictional Note:

- *Cement Masons working on silo & slip form work shall receive \$.50 per hour over Journeyman scale.
- *Cement Masons working on swinging scaffolds shall receive \$.50 per hour over Journeyman scale.
- *Cement Masons working on high lifts from 20' and above shall receive \$.50 per hour over Journeyman scale.

Name of Union: Cement Mason Statewide HevHwy Exhibit A District II

Change #: LCN01-2020fbCementHevHwy

Craft: Cement Mason Effective Date: 05/01/2020 Last Posted: 04/30/2020

	В	HR		Frin	fit Payn	nents		Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$3	0.11	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$48.41	\$63,46
Apprentice	Per	cent										
1st Year	70.00	\$21.08	\$8.25	\$7.15	\$0.65	\$0.00	\$2,25	\$0.00	\$0.00	\$0.00	\$39.38	\$49.92
2nd Year	80.00	\$24.09	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$42.39	\$54.43
3rd Year	90.00	\$27.10	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$45.40	\$58,95

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 1 Apprentice 2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, COLUMBIANA, DEFIANCE, ERIE, HAMILTON, HIGHLAND, HURON, LORAIN, MAHONING, MEDINA, OTTAWA, PAULDING, PORTAGE, SANDUSKY, SENECA, STARK, SUMMIT, TRUMBULL, WARREN, WILLIAMS

Special Jurisdictional Note : (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work.

Name of Union: Cement Mason Statewide HevHwy Exhibit B District II

Change #: LCN01-2019fbCementHevHwy

Craft: Cement Mason Effective Date: 05/01/2020 Last Posted: 04/30/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	H&W Pension App Vac. Annuity Other Tr.						MISC (*)		
Classification												
Cement Mason	. \$30	0.98	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$49.28	\$64.77
Apprentice	Per	cent										
1st Year	70.00	\$21.69	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$39.99	\$50.83
2nd Year	80.00	\$24.78	\$8.25	\$7.15	\$0.65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$43.08	\$55.48
3rd Year	90,00	\$27.88	\$8.25	\$7.15	\$0,65	\$0.00	\$2.25	\$0.00	\$0.00	\$0.00	\$46.18	\$60.12

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeymen to 1 Apprentice 2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, COLUMBIANA, DEFIANCE, ERIE, HAMILTON, HIGHLAND, HURON, LORAIN, MAHONING, MEDINA, OTTAWA, PAULDING, PORTAGE, SANDUSKY, SENECA, STARK, SUMMIT, TRUMBULL, WARREN, WILLIAMS

Special Jurisdictional Note: (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Name of Union: Electrical Local 71 High Tension Pipe Type Cable

Change #: LCN01-2019fbLoc7

Craft: Lineman Effective Date: 04/24/2019 Last Posted: 04/24/2019

	ВН	R		Fring	ge Benef	·			Irrevo Fur	d	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classit	ication											
Electrical Lineman	\$43.	48	\$6.00	\$1.30	\$0.43	\$0.00		\$0.35	\$0.00	\$0.00	\$61.56	\$83.30
Certified Lineman Welder	\$43.	48	\$6.00	\$1.30	\$0.43	!		\$0.35	\$0.00	\$0.00	\$61.56	\$83.30
Certified Cable Splicer	\$43.	.48	\$6.00	\$1.30		\$0.00		\$0.35	\$0.00	\$0.00	\$61.56	\$83.30
Operator A	\$39	.02	\$6.00	\$1.17	\$0.39	\$0.00	\$8.97	\$0.35	\$0.00	\$0.00	\$55.90	\$75.41
Operator B	\$34	.60	\$6.00	\$1.04	\$0.35	\$0,00	\$7.96	\$0.35	\$0.00	\$0.00	\$50.30	\$67.60
Operator C	\$27	.93	\$6.00	\$0.84	\$0.28	\$0.00	\$6.42	\$0.35	\$0.00	\$0.00	\$41.82	\$55.79
Groundman 0-12 months Exp	\$21	.74	\$6.00	\$0.65	\$0.22	\$0.00	\$5.00	\$0.35	\$0.00	\$0.00	\$33.96	\$44.83
Groundman 0-12 months Exp w/CDL	\$23	.91	\$6.00	\$0.72	\$0.24	\$0.00	\$5.50	\$0.35	\$0.00	\$0.00	\$36.72	\$48.68
Groundman 1 yr or more	\$23	.91	\$6.00	\$0.72	\$0.24	\$0.00	\$5.50	\$0.35	\$0.00	\$0.00	\$36.72	\$48.68
Groundman 1 yr or more w/CDL	\$28	3.26	\$6.00	\$0.85	\$0.28	\$0.00	\$6.50	\$0.35	\$0.00	\$0.00	\$42.24	\$56.37
Equipment Mechanic A	\$34	1.60	\$6.00	\$1.04	\$0.35	\$0.00	\$7.96	\$0.35	\$0.00	\$0.00	\$50.30	\$67.60
Equipment Mechanic B	\$31.26		\$6.00	\$0.94	\$0.31	\$0.00	\$7.19	\$0.35	\$0.00	\$0.00	\$46.05	\$61.68
Equipment Mechanic C	\$27.93		\$6.00	\$0.84		\$0.00		\$0.35		\$0.00	\$41.82	\$55.79
X-Ray Technician	\$43	3.48	\$6.00	\$1.30	\$0.43	\$0.00	\$10.00	\$0.35	\$0.00	\$0.00	\$61.56	\$83.30
Apprentice	Per	cent						<u> </u>	_	<u> </u>		<u> </u>
1st 1000 hrs	60.00	\$26.09	\$6.00	\$0.78	\$0.26	\$0.00	\$6.00	\$0.35	\$0.00	\$0.00	\$39.48	\$52.52

2nd 1000 hrs	65.00	\$28,26	\$6.00	\$0.85	\$0.28	\$0.00	\$6.50	\$0.35	\$0.00	\$0.00	\$42.24	\$56.37
3rd 1000 hrs	70.00	\$30.44	\$6.00	\$0.91	\$0.30	\$0.00	\$7.00	\$0.35	\$0.00	\$0.00	\$45,00	\$60.21
4th 1000 hrs	75.00	\$32.61	\$6.00	\$0.98	\$0.33	\$0.00	\$7.50	\$0.35	\$0.00	\$0.00	\$47.77	\$64.07
5th 1000 hrs	80.00	\$34.78	\$6.00	\$1.04	\$0.35	\$0.00	\$8.00	\$0.35	\$0.00	\$0.00	\$50.52	\$67.92
6th 1000 hrs	85.00	\$36.96	\$6.00	\$1.11	\$0.37	\$0.00	\$8.50	\$0.35	\$0.00	\$0.00	\$53.29	\$71.77
7th 1000 hrs	90.00	\$39.13	\$6.00	\$1.17	\$0.39	\$0.00	\$9.00	\$0.35	\$0.00	\$0.00	\$56.04	\$75.61

Special Calculation Note: Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

*All Operators of cranes 45 ton or larger shall be paid the journeyman rate of pay. \$0.30 is for Health Retirement Account.

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Name of Union: Electrical Local 71 Outside Cincinnati

Change #: LCN01-2020fbLoc71Cincinnati

	BHR		Frin	ge Bene	fit Payn	nents		Irrevo Fui	11	Total PWR C	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classifi	cation										
Electrical Lineman	\$39,23	\$6.50	\$1.18	\$0.39	\$0.00	\$7.06	\$0.06	\$0.00	\$0.00	\$54.42	\$74.04
Traffic Signal & Lighting Journeyman	\$37.73	\$6.50	\$1.13	\$0.38	\$0.00	\$6.79	\$0.06	\$0.00	\$0.00	\$52.59	\$71.45
Equipment Operator	\$34.46	\$6.50	\$1.03	\$0.34	\$0.00	\$6.20	\$0.06	\$0.00	\$0.00	\$48.59	\$65.82
Groundman 0-12 months (W/O CDL)	\$20.90	\$6.50	\$0.63	\$0.21	\$0.00	\$3.76	\$0.06	\$0.00	\$0.00	\$32.06	\$42.51
Groundman 0-21 Months (W/CDL)	\$22.83	\$6.50	\$0.68	\$0.23	\$0.00	\$4.11	\$0.06	\$0.00	\$0.00	\$34.41	\$45.82
Groundman 1 Year or More (W/CDL)	\$24.77	\$6.50	\$0.74	\$0.25	\$0.00	\$4.46	\$0.06	\$0.00	\$0.00	\$36.78	\$49.17
Traffic Signal Apprentices											
1st 1,000 hours	\$22.64	\$6.50	\$0.68	\$0.23	\$0.00	\$4.08	\$0.06	\$0.00	\$0.00	\$34.19	\$45.51
2nd 1,000 hours	\$24.52	\$6,50	\$0.74	\$0.25	\$0.00	\$4.41	\$0.06	\$0.00	\$0.00	\$36,48	\$48.74
3rd 1,000 hours	\$26.41	\$6.50	\$0.79	\$0.26	\$0.00	\$4.75	\$0.06	\$0.00	\$0.00	\$38.77	\$51.98
4th 1,000 hours	\$28.30	\$6,50	\$0.85		\$0.00	\$5.09	\$0.06	\$0.00	\$0.00	\$41.08	\$55.23
5th 1,000 hours	\$30.18	\$6.50	\$0.91		\$0.00	\$5.43	\$0.06	\$0.00	\$0.00	\$43.38	\$58.47
6th 1,000 hours	\$33.96	\$6.50	\$1.02	\$0.34	\$0.00	\$6.11	\$0.06	\$0.00	\$0.00	\$47.99	\$64.97

Apprentice Lineman	Per	cent										
1st 1,000 Hours	60.00	\$23.54	\$6.50	\$0.71	\$0.24	\$0.00	\$4.24	\$0.06	\$0.00	\$0.00	\$35.29	\$47.06
2nd 1,000 Hours	65.00	\$25.50	\$6.50	\$0.77	\$0.26	\$0.00	\$4.59	\$0.06	\$0.00	\$0.00	\$37.68	\$50.43
3rd 1,000 Hours	70.00	\$27.46	\$6.50	\$0.82	\$0.27	\$0.00	\$4.94	\$0.06	\$0.00	\$0.00	\$40.05	\$53.78
4th 1,000 Hours	75.00	\$29.42	\$6.50	\$0.88	\$0.29	\$0.00	\$5.30	\$0.06	\$0.00	\$0.00	\$42.45	\$57.16
5th 1,000 Hours	80.00	\$31.38	\$6.50	\$0.94	\$0.31	\$0.00	\$5.65	\$0.06	\$0.00	\$0.00	\$44.84	\$60.54
6th 1,000 Hours	85.00	\$33.35	\$6.50	\$1.00	\$0.33	\$0.00	\$6.00	\$0.06	\$0.00	\$0.00	\$47.24	\$63.91
7th 1,000 Hours	90.00	\$35.31	\$6.50	\$1.06	\$0.35	\$0.00	\$6,36	\$0.06	\$0.00	\$0.00	\$49.64	\$67.29

Special Calculation Note: Other is Safety & Education Fund.

Ratio:

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

A groundman when directed shall assist a Journeyman in the performance of his/her work on the ground, including the use of hand tools. A Groundman under no circumstances shall climb poles, towers, ladders, or work from an elevated platform or bucket truck.

No more than three (3) Groundmen shall work alone. Jobs with more that three Groundmen shall be supervised by a Groundcrew Foreman, Journeyman Lineman, Journeyman Traffic Signal Technician or an Equipment Operator.

Scope of Work: installation and maintenance of highway and street lighting, highway and street sign lighting, electronic message boards and traffic control systems, camera systems, traffic signal work, substation and line construction including overhead and underground projects for private and industrial work as in accordance with the IBEW Constitution. This Agreement includes the operation of all tools and equipment necessary for the installation of the above projects.

Name of Union: Electrical Local 71 Outside Utility Power

Change #: LCN01-2019fbLoc7

	ВІ	IR		Fring	ge Bene	fit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Electrical Lineman	\$41	.22	\$6.00	\$1.24	\$0.41	\$0.00	\$9.48	\$0.35	\$0.00	\$0.00	\$58.70	\$79.31
Substation Technician	\$41	.22	\$6.00	\$1.24	\$0.41	\$0.00	\$9.48	\$0.35	\$0.00	\$0.00	\$58.70	\$79.31
Cable. Splicer	\$43	.14	\$6.00	\$1.29	\$0.43	\$0.00	\$9.92	\$0.35	\$0.00	\$0.00	\$61.13	\$82.70
Operator A	\$37	' .00	\$6.00	\$1.11	\$0.37	\$0.00	\$8.51	\$0.35	\$0.00	\$0.00	\$53.34	\$71.84
Operator B	\$32	.78	\$6.00	\$0.98	\$0.33	\$0.00	\$7.54	\$0.35	\$0.00	\$0.00	\$47.98	\$64.37
Operator C	\$26	.44	\$6.00	\$0.79	\$0.26	\$0.00	\$6.08	\$0.35	\$0.00	\$0.00	\$39.92	\$53.14
Groundman 0-12 months Exp	\$20).61	\$6.00	\$0.62	\$0.21	\$0.00	\$4.74	\$0.35	\$0.00	\$0.00	\$32.53	\$42.84
Groundman 0-12 months Exp w/CDL	\$22	2.67	\$6.00	\$0.68	\$0.23	\$0.00	\$5.21	\$0.35	\$0.00	\$0.00	\$35.14	\$46.48
Groundman 1 yr or more	\$22	2.67	\$6.00	\$0.68	\$0.23	\$0.00	\$5.21	\$0.35	\$0.00	\$0.00	\$35.14	\$46.48
Groundman 1 yr or more w/CDL	\$26	5.80	\$6.00	\$0.80	\$0.27	\$0.00	\$6.16	\$0.35	\$0.00	\$0.00	\$40.38	\$53.78
Equipment Mechanic A	\$32	2.78	\$6.00	\$0.98	\$0.33	\$0.00	\$7.54	\$0.35	\$0.00	\$0.00	\$47.98	\$64.37
Equipment Mechanic B	\$29).62	\$6.00	\$0.89	\$0.30	\$0.00	\$6.81	\$0.35	\$0.00	\$0.00	\$43.97	\$58.78
Equipment Mechanic C	\$26	5.44	\$6.00	\$0.79	\$0.26	\$0.00	\$6.08	\$0.35	\$0.00	\$0.00	\$39.92	\$53.14
Line Truck w/uuger	\$29	9.17	\$6.00	\$0.88	\$0.29	\$0.00	\$6.71	\$0.35	\$0.00	\$0.00	\$43.40	\$57.99
Apprentice	Per	cent										
1st 1000 hrs	60,00	\$24.73	\$6.00	\$0.74	\$0.25	\$0.00	\$5.69	\$0.35	\$0.00	\$0.00	\$37.76	\$50.13

2nd 1000 hrs	65.00	\$26.79	\$6.00	\$0.80	\$0.27	\$0.00	\$6.16	\$0.35	\$0.00	\$0.00	\$40.37	\$53.77
3rd 1000 hrs	70,00	\$28.85	\$6.00	\$0.87	\$0.29	\$0.00	\$6.64	\$0.35	\$0.00	\$0.00	\$43.00	\$57.43
4th 1000 hrs	75.00	\$30.91	\$6.00	\$0.93	\$0.31	\$0.00	\$7.11	\$0.35	\$0.00	\$0.00	\$45.62	\$61.07
5th 1000 hrs	80.00	\$32.98	\$6.00	\$0.99	\$0.33	\$0.00	\$7.59	\$0.35	\$0.00	\$0.00	\$48.24	\$64.72
6th 1000 hrs	85.00	\$35.04	\$6.00	\$1.05	\$0.35	\$0.00	\$8.06	\$0.35	\$0.00	\$0.00	\$50.85	\$68.37
7th 1000 hrs	90.00	\$37.10	\$6.00	\$1.11	\$0.37	\$0.00	\$8.53	\$0.35	\$0.00	\$0.00	\$53.46	\$72.01

Special Calculation Note: Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

Ratio:

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note: 0.30 is for Health Retirement Account.

Details:

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Name of Union: Electrical Local 71 Voice Data Video Outside

Change #: LCR01-2017fbLoc71VDV

Craft: Voice Data Video Effective Date: 10/18/2017 Last Posted: 10/18/2017

	BHR		Frin	ge Bene	fit Payn	nents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classific	ation										
Electrical Installer Technician I	\$23.46	\$5,50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69
Installer Technician II	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator I	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator II	\$18.43	\$5.50	\$0.55	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$24.78	\$33.99
Installer /Repair Outside	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Ground Driver W/CDL	\$15.83	\$5.50	\$0.47	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$22.10	\$30.01
Groundman	\$13.24	\$5.50	\$0.40	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$19.44	\$26.06
Cable Splicer	\$23.46	\$5.50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69

Special Calculation Note:

Ratio:

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT,

TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note:

Details:

Cable Splicer: Inspect and test lines or cables, analyze results, and evaluate transmission characteristics. Cover conductors with insulation or seal splices with moisture-proof covering. Install, splice, test, and repair cables using tools or mechanical equipment. This will include the splicing of fiber.

Journeyman Technician I: Must know all aspects of telephone and cable work. This is to include aerial, underground, and manhole work. Must know how to climb and run bucket. Must have all the tools required to perform these tasks. Must be able to be responsible for the safety of the crew at all times. Must also have CDL license and have at least 5 years experience.

Installer/Repairman: Perform tasks of repairing, installing, and testing phone and CATV services.

Technician II: Have at least three years of telephone and CATV experience. Must have the knowledge of underground, aerial, and manhole work. Must be able to climb and operate bucket. Must have CDL. Must have all tools needed to perform these tasks.

Equipment Operator I: Able to operate a digger derrick or bucket truck. Have at least 5 years of experience and must have a valid CDL license.

Equipment Operator II: Able to operate a digger derrick or bucket truck. Have at least 3 years of experience and must have a valid CDL license.

Groundman W/CDL: Must have a valid CDL license and be able to perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Must have at least 5 year's experience.

Groundman: Perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Experience 0-5 years.

Name of Union: Electrical Local 82 Inside

Change #: LCN01-2020fbLoc82in

Craft: Electrical Effective Date: 11/30/2020 Last Posted: 11/18/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Electrician	\$3	2.15	\$7.45	\$9.31	\$0.55	\$0.00	\$3.20	\$0.00	\$0.00	\$0.00	\$52.66	\$68.73
Apprentice	Per	rcent										
1st period 0 - 1000 hrs	42.00	\$13.50	\$4.07	\$0.61	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.41	\$25.16
2nd period 1001-2000 hrs	42.00	\$13.50	\$4.07	\$0.61	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.41	\$25.16
3rd period 2001-3500 hrs	47.00	\$15.11	\$6.92	\$4.37	\$0.26	\$0.00	\$1.50	\$0.00	\$0.00	\$0.00	\$28.16	\$35.72
4th period 3501-5000 hrs	52.00	\$16.72	\$6.97	\$4.84	\$0.28	\$0.00	\$1.66	\$0.00	\$0,00	\$0.00	\$30.47	\$38.83
5th period 5001-6500 hrs	62.00	\$19.93	\$7.07	\$5.78	\$0.34	\$0.00	\$1.98	\$0.00	\$0.00	\$0.00	\$35.10	\$45.07
6th period 6501-8000 hrs	77.00	\$24.76	\$7.22	\$7.17	\$0.42	\$0.00	\$2.46	\$0.00	\$0.00	\$0.00	\$42.03	\$54.40

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 to 3 Journeymen to 3 Apprentices 4 to 6 Journeymen to 6 Apprentices per job site

Jurisdiction (* denotes special jurisdictional note):

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note : The following townships in Warren County are included: Clearcreek, Franklin and Wayne.

Details:

Only correction made on 6-19-19 was the 5th year Apprentice fb.

Name of Union: Electrical Local 82 Lightning Rod

Change #: LCR01-2020fbLoc82

Craft: Electrical Effective Date: 11/30/2020 Last Posted: 11/25/2020

	BHR		Frin	ge Bene	fit Payn	nents		Irrevo Fui		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Cla	ssification										
Electrical Lightning Rod Technican	\$30.79	\$7,45	\$9.27	\$0.00	\$0.00	\$3.20	\$0.00	\$0.00	\$0.00	\$50.71	\$66.10

Special Calculation Note: No Apprentice approved by OSAC.

Ratio:

Jurisdiction (* denotes special jurisdictional note):

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note : The following townships in Warren County are included: (Clearcreek, Franklin and Wayne)

Details:

Name of Union: Electrical Local 648 Voice Date Video

Change #: LCR01-2020fbLoc648VDV

Craft: Voice Data Video Effective Date: 12/03/2020 Last Posted: 12/03/2020

	BHR		Frin	ge Bene	efit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification										***************************************
Electrical Installer Technician A	\$25.10	\$6.60	\$0.75	\$0.48	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$37.33	\$49.88
Electrical Installer Technician B	\$23.85	\$6.60	\$0.72	\$0.45	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$36.02	\$47.95
JW Installer Technician B	\$22.59	\$6.60	\$0.68	\$0.43	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$34.70	\$46.00
Non BICSI Installer	\$16.32	\$3.00	\$0.49	\$0.31	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$22.12	\$30.28
Apprentice Indentured AFTER 09- 03-2018											
1 st Period 0-800 Hrs	\$13.81	\$3.00	\$0.41	\$0.26	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$17.73	\$24.64
2nd Period 801-1600 Hrs	\$13.81	\$3.00	\$0,41	\$0.26	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$17.73	\$24.64
3rd Period 1601-2400 Hrs	\$16.32	\$6.50	\$0.49	\$0.31	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$28.02	\$36.18
4th Period 2401-3200 Hrs	\$16.32	\$6.50	\$0.49	\$0,31	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$28.02	\$36.18
5th Period 3201-4000 Hrs	\$18.83	\$6.53	\$0.56	\$0.36	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$30.68	\$40.10
6th Period 4001-4800 Hrs	\$18.83	\$6.53	\$0.56	\$0.36	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$30.68	\$40.10
7th Period	\$20.08	\$6.54	\$0.60	\$0.38	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$32.00	\$42.04

11112020						Omnou L	01101-2020		1			
4801-5600 Hrs												
8th Period 5601-6400	\$20	0.08	\$6.54	\$0.60	\$0.38	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$32.00	\$42.04
Cable Puller	\$12	2.55	\$3,00	\$0.38	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$16.43	\$22.71
Apprentice Indentured PRIOR to 09-03-2018	Per	cent										
1st period 0-800 hrs	50.00	\$12.55	\$6.50	\$0.37	\$0.23	\$0.00	\$0,25	\$0.00	\$0.00	\$0.00	\$19.90	\$26.18
2nd period 801-1600 hrs	50.00	\$12.55	\$6.50	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$19.90	\$26.18
3rd period 1601-2400 hrs	60.00	\$15.06	\$6,50	\$0.44	\$0.28	\$0.00	\$4.40	\$0.00	\$0.00	\$0,00	\$26.68	\$34.21
4th period 2401-3200 hrs	65.00	\$16.32	\$6.50	\$0.47	\$0.30	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$27.98	\$36.14
5th period 3201-4000 hrs	70.00	\$17.57	\$6.50	\$0.51	\$0.32	\$0.00	\$4.40	\$0.00	\$0,00	\$0.00	\$29.30	\$38.09
6th period 4001-4800 hrs	75.00	\$18.83	\$6,50	\$0.55	\$0.35	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$30.63	\$40.04
Cable Puller	50.00	\$12.55	\$3.00	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$16.40	\$22.68

Special Calculation Note:

Ratio:

Jurisdiction (* denotes special jurisdictional note):

1Technician to 2 Apprentice

BUTLER, WARREN*

Special Jurisdictional Note: The following townships In Warren County are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

Details:

The following work is excluded from the Teledata Technician work scope:

- *The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems.
- *The installation of conduit and/or raceways shall be installed by Inside Wireman. On sites where there is no Inside Wireman employed, the

Teledata Technician may install raceway or conduit not greater than 10 ft.

- *Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit
- *All HVAC control work.

Name of Union: Electrical Local 648 Inside

Change #: LCN01-2019fbLoc648in

Craft: Electrical Effective Date: 09/11/2019 Last Posted: 09/11/2019

Craft : Ele		HIR			ge Bene	*			Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Electrician	\$30	0.00	\$7.10	\$8.90	\$0.45	\$0.00	\$2.50	\$0.90	\$0.00	\$0.00	\$49.85	\$64.85
Apprentice	. Per	cent										
1st period 0-1000 hrs	45.00	\$13.50	\$4.07	\$0.00	\$0.20	\$0.00	\$2.50	\$0.41	\$0.00	\$0.00	\$20.68	\$27.43
2nd period 1001- 2000 hrs	45.00	\$13.50	\$4.07	\$0.00	\$0.20	\$0.00	\$2.50	\$0.41	\$0.00	\$0.00	\$20.68	\$27.43
3rd period 2001- 3500 hrs	50.00	\$15.00	\$7.10	\$4.45	\$0.23	\$0.00	\$2.50	\$0.45	\$0.00	\$0.00	\$29.73	\$37.23
4th period 3501- 5000 hrs	55.00	\$16.50	\$7.10	\$4.90	\$0.25	\$0.00	\$2.50	\$0.50	\$0.00	\$0.00	\$31.75	\$40.00
5th period 5001- 6500 hrs	62.00	\$18.60	\$7.10	\$5.52	\$0.28	\$0.00	\$2.50	\$0.56	\$0.00	\$0.00	\$34.56	\$43.86
6th period 6501- 8000 hrs	71,00	\$21.30	\$7.10	\$6.32	\$0.32	\$0.00	\$2.50	\$0.64	\$0.00	\$0.00	\$38.18	\$48.83

Special Calculation Note: Other is NEBF (Natioanl Electrical Benifit Fund.)

Ratio:

Jurisdiction (* denotes special jurisdictional note):

3 Journeyman to 2 Apprentices or fraction thereof:

BUTLER, WARREN*

- 1-3 Journeymen to 2 Apprentice
- 4-6 Journeymen to 4 Apprentice
- 7-9 Journeymen to 6 Apprentice

first person assigned to any job site shall be a journeyman

Special Jurisdictional Note : In Warren County the following townships are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

Details:

Electricians while splicing cable shall receive \$.50 an hour above the regular electrical rate.

All work that requires the use of gas masks or respirators, shall be paid 50% above the appropriate rate of pay. Work up to & including 40 feet shall be paid \$.50 over the journeyman rate. All work from a Boatswain Chair, Swinging Scaffold, or Barrel shall be at double the Journeyman rate. Workmen required to work 50 feet or more below the surface of the earth will be paid 50% above the Journeyman rate.

Name of Union: Electrical Local 82 Inside Lt Commercial South West

Change #: LCNO1-2020fbLoc82in

Craft: Electrical Effective Date: 10/21/2020 Last Posted: 10/21/2020

	В	HR		Frin	ge Bene	fit Payn	nents		Irrevo Fu	1	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Electrician	\$3	1.15	\$6.15	\$9.03	\$0.67	\$0.00	\$3.20	\$0.00	\$0.00	\$0.00	\$50.20	\$65,77
CE-3 12,001- 14,000	\$2	2.45	\$6.15	\$0.67	\$0.67	\$0.00	\$0.65	\$0.00	\$0.00	\$0.10	\$30.69	\$41.92
CE-2 10,001- 12,000 Hrs	\$1	7.64	\$6.15	\$0.52	\$0.67	\$0.00	\$0.51	\$0.00	\$0.00	\$0.10	\$25.59	\$34.41
CE-1 8,001- 10,000 Hrs	\$1	6.04	\$6.15	\$0.48	\$0.67	\$0.00	\$0.47	\$0.00	\$0.00	\$0.10	\$23.91	\$31.93
CW-4 6,001- 8,000 Hrs	\$1	4,43	\$6.15	\$0,43	\$0.67	\$0.00	\$0.42	\$0.00	\$0.00	\$0.10	\$22.20	\$29.42
CW-3 4,001- 6,000 Hrs	\$1	2.83	\$6.15	\$0.38	\$0.67	\$0.00	\$0.37	\$0.00	\$0.00	\$0.10	\$20.50	\$26.92
CW-2 2,001- 4,000 Hrs	\$1	2.03	\$6.15	\$0.36	\$0.67	\$0.00	\$0.35	\$0.00	\$0.00	\$0.10	\$19.66	\$25.68
CW-1 0- 2,000 Hrs	\$1	1.22	\$6.15	\$0.33	\$0.67	\$0.00	\$0.33	\$0.00	\$0.00	\$0.10	\$18.80	\$24.41
Apprentice	Pei	rcent										
1st period 0 - 1000 hrs	42.00	\$13.08	\$3.82	\$0.20	\$0.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.32	\$23.86
2nd period 1001-2000 hrs	42.00	\$13.08	\$3.82	\$0.20	\$0.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.32	\$23.86
3rd period 2001-3500 hrs	47.00	\$14.64	\$6.67	\$3.81	\$0.25	\$0.00	\$1.50	\$0.00	\$0.00	\$0.00	\$26.87	\$34.19
4th period 3501-5000 hrs	52.00	\$16.20	\$6.72	\$4.21	\$0.28	\$0.00	\$1.66	\$0.00	\$0.00	\$0.00	\$29.07	\$37.17
5th period 5001-6500	62,00	\$19.31	\$6.82	\$5.02	\$0.33	\$0.00	\$1.98	\$0.00	\$0.00	\$0.00	\$33.46	\$43,12

										_			
	hrs												
	6th period 6501-8000	1	\$23.99	\$7.20	\$6.24	\$0.41	\$0.00	\$2.46	\$0.00	\$0.00	\$0.00	\$40.30	\$52.29
١	hrs								<u> </u>			<u> </u>	

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 to 3 Journeymen to 3 Apprentices 4 to 6 Journeymen to 6 Apprentices per job site

Construction Electrician and Construction Wireman Ratio There shall be a minimum ratio of one inside Journeyman to every (4) employees of different classification per jobsite. An inside Journeyman

Wireman is required on the project as the fifth (5th) worker or when apprentices are used.

Jurisdiction (* denotes special jurisdictional note) :

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE, WARREN*

Special Jurisdictional Note: The following townships in Warren County are included: Clearcreek, Franklin and Wayne.

The scope of work for the light commercial agreement shall apply to the following facilities not to exceed 200,000 square feet; office buildings, shopping centers, auto sales agencies and garages, churches, funeral homes, nursing homes, hotels, retail and wholesale facilities, small stand-alone manufacturing facilities when free standing and not part of a larger facility (not to exceed 50,000 square fee), solar projects (500 panels or less) unless otherwise covered under the agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures, warehouses, gas stations, food service centers, restaurants, entertainment facilities, hospitals, clinics, motels, residential buildings.

Details:

Name of Union: Electrical Local 648 Lt Commercial South West

Change #: LCN01-2019fbLoc648in

Craft: Electrical Effective Date: 12/24/2019 Last Posted: 12/24/2019

	B)	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr,	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Electrician	\$30	0.00	\$7.10	\$8.90	\$0.45	\$0.00	\$2,50	\$0,90	\$0.00	\$0.00	\$49.85	\$64,85
CE-3 12,001- 14,000 Hrs	\$22	2.45	\$6.15	\$0.67	\$0.67	\$0.00	\$0.67	\$0.00	\$0.00	\$0.00	\$30.61	\$41.84
CE-2 10,001- 12,000 Hrs	\$17	7.64	\$6.15	\$0.53	\$0.67	\$0.00	\$0.53	\$0.00	\$0.00	\$0.00	\$25.52	\$34.34
CE-1 8,001- 10,000 Hrs	\$16	5.04	\$6.15	\$0.48	\$0.67	\$0.00	\$0.48	\$0.00	\$0.00	\$0.00	\$23.82	\$31.84
CW-4 6,001-8,000 Hrs	\$14	4.43	\$6.15	\$0.43	\$0.67	\$0.00	\$0.43	\$0.00	\$0.00	\$0.00	\$22.11	\$29.33
CW-3 4,001-6,000 Hrs	\$12	2.83	\$6.15	\$0.38	\$0.67	\$0.00	\$0.38	\$0.00	\$0.00	\$0.00	\$20.41	\$26.83
CW-2 2,001-4,000 Hrs	\$12	2.03	\$6.15	\$0.36	\$0.67	\$0.00	\$0.36	\$0.00	\$0.00	\$0.00	\$19.57	\$25.58
CW-1 0-2,000 Hrs	\$1	1,22	\$6.15	\$0.34	\$0.67	\$0.00	\$0.34	\$0.00	\$0.00	\$0.00	\$18.72	\$24.33
Apprentice Indentured AFTER 9/1/2006	Per	cent	ALEXANDER OF THE PROPERTY OF T									
1st period 0-1000 hrs	45.00	\$13.50	\$4.07	\$0.00	\$0.20	\$0.00	\$2.50	\$0.41	\$0.00	\$0.00	\$20.68	\$27,43
2nd period 1001- 2000 hrs	45.00	\$13.50	\$4.07	\$0.00	\$0.20	\$0.00	\$2.50	\$0.41	\$0.00	\$0.00	\$20.68	\$27.43
3rd period 2001- 3500 hrs	50.00	\$15.00	\$7.10	\$4.45	\$0.23	\$0.00	\$2.50	\$0.45	\$0.00	\$0.00	\$29.73	\$37.23
4th period 3501- 5000 hrs	55.00	\$16.50	\$7.10	\$4.90	\$0.25	\$0.00	\$2.50	\$0.50	\$0.00	\$0.00	\$31.75	\$40.00
5th period 5001- 6500 hrs	62.00	\$18.60	\$7.10	\$5.52	\$0.28	\$0.00	\$2.50	\$0,56	\$0.00	\$0.00	\$34.56	\$43.86
6th period 6501- 8000 hrs	71.00	\$21.30	\$7.10	\$6.32	\$0.32	\$0.00	\$2.50	\$0.64	\$0.00	\$0.00	\$38.18	\$48.83

Special Calculation Note: Other is for NEBF (National Electrical Benifit Fund)

Ratio:

Jurisdiction (* denotes special jurisdictional note):
BUTLER, WARREN*

1-3 Journeymen to 2 Apprentice

4-6 Journeymen to 4 Apprentice

7-9 Journeymen to 6 Apprentice

first person assigned to any job site shall be a journeyman

Construction Electrician and Construction Wireman Ratio There shall be a minimum ratio of one inside Journeyman to every (4) employees of different classification per jobsite. An inside Journeyman Wireman is required on the project as the fifth (5th) worker or when apprentices are used

Special Jurisdictional Note : In Warren County the following townships are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

The scope of work for the light commercial agreement shall apply to the following facilities not to exceed 200,000 square feet; office buildings, shopping centers, auto sales agencies and garages, churches, funeral homes, nursing homes, hotels, retail and wholesale facilities, small stand-alone manufacturing facilities when free standing and not part of a larger facility (not to exceed 50,000 square fee), solar projects (500 panels or less) unless otherwise covered under the agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures, warehouses, gas stations, food service centers, restaurants, entertainment facilities, hospitals, clinics, motels, residential buildings.

Details:

Electricians while splicing cable shall receive \$.50 an hour above the regular electrical rate.

All work that requires the use of gas masks or respirators, shall be paid 50% above the appropriate rate of pay. Work up to & including 40 feet shall be paid \$.50 over the journeyman rate. All work from a Boatswain Chair, Swinging Scaffold, or Barrel shall be at double the Journeyman rate. Workmen required to work 50 feet or more below the surface of the earth will be paid 50% above the Journeyman rate.

Name of Union: Electrical Local 648 Voice Date Video

Change # : LCR01-2019fbLoc648VDV

	e Data Video E BHR				fit Payr			Irrevo Fui	cable	Total PWR	Overtime Rate
•		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classifi	ication										
Electrical Installer Technician A	\$24.35	\$6.50	\$0.73	\$0.46	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$36.44	\$48.62
Electrical Installer Technician B	\$23.13	\$6.50	\$0.69	\$0.44	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$35.16	\$46.72
JW Installer Technician B	\$21.92	\$6.50	\$0.66	\$0.42	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$33.90	\$44.86
Non BICSI Installer	\$15.83	\$3.00	\$0.47	\$0.30	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$21.60	\$29.51
Apprentice Indentured AFTER 09- 03-2018											
1 st Period 0-800 Hrs	\$13.14	\$3.00	\$0.38	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$17.02	\$23.59
2nd Period 801-1600 Hrs	\$13.14	\$3.00	\$0.38	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$17.02	\$23.59
3rd Period 1601-2400 Hrs	\$15.83	\$6.00	\$0.47	\$0.30	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$26.60	\$34.52
4th Period 2401-3200 Hrs	\$15.83	\$6.00	\$0.47	\$0.30	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$26.60	\$34.52
5th Period 3201-4000 Hrs	\$18.26	\$6.03	\$0.55	\$0.35	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$29.19	\$38.32
6th Period 4001-4800 Hrs	\$18.26	\$6.03	\$0.55	\$0.35	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00		\$38.32
7th Period 4801-5600 Hrs	\$19.48	\$8.04	\$0.58	\$0.30	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$32.40	\$42.14
8th Period 5601-6400	\$19.48	\$8.04	\$0.58	\$0.37			\$0.00		\$0.00	\$32,47	\$42.21
Cable Puller	\$12.18	\$3.00	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$16.03	\$22.12

Apprentice Indentured PRIOR to 09-03-2018	Per	cent										
1st period 0-800 hrs	50.00	\$12.18	\$6.50	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$19.53	\$25.61
2nd period 801-1600 hrs	50.00	\$12.18	\$6.50	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$19.53	\$25.61
3rd period 1601-2400 hrs	60.00	\$14.61	\$6.50	\$0.44	\$0.28	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$26.23	\$33.54
4th period 2401-3200 hrs	65.00	\$15.83	\$6.50	\$0.47	\$0.30	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$27.50	\$35.41
5th period 3201-4000 hrs	70.00	\$17.04	\$6.50	\$0.51	\$0.32	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$28.77	\$37.30
6th period 4001-4800 hrs	75.00	\$18.26	\$6.50	\$0.55	\$0.35	\$0.00	\$4.40	\$0.00	\$0.00	\$0.00	\$30.06	\$39.19
Cable Puller	50.00	\$12.18	\$3.00	\$0.37	\$0.23	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$16.02	\$22.11

Special Calculation Note:

Ratio:

Jurisdiction (* denotes special jurisdictional note):

1Technician to 2 Apprentice

BUTLER, WARREN*

Special Jurisdictional Note : The following townships In Warren County are included: (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union, and Washington)

Details:

The following work is excluded from the Teledata Technician work scope:

- *The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems.
- *The installation of conduit and/or raceways shall be installed by Inside Wireman. On sites where there is no Inside Wireman employed, the

Teledata Technician may install raceway or conduit not greater than 10 ft.

*Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit *All HVAC control work.

Name of Union: Elevator Local 11

Change #: LCN01-2020fbLoc11

Craft: Elevator Effective Date: 01/05/2021 Last Posted: 01/05/2021

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevocable Fund ther LECET MISO		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classi	Classification											
Elevator Mechanic	\$48.82		\$15.88	\$10.46	\$0.64	\$3.91	\$8.85	\$1.56	\$0.00	\$0.00	\$90.12	\$114.53
Probationary Apprentice	50.00	\$24.41	\$0.00	\$0.00	\$0.00	\$1.46	\$0.00	\$0.78	\$0.00	\$0.00	\$26.65	\$38.86
1st year	55,00	\$26.85	\$15.88	\$10.46	\$0.64	\$1.61	\$8,85	\$0.86	\$0.00	\$0.00	\$65.15	\$78.58
2nd year	65.00	\$31.73	\$15.88	\$10.46	\$0.64	\$1.90	\$8.85	\$1.02	\$0.00	\$0.00	\$70.48	\$86.35
3rd year	70.00	\$34.17	\$15.88	\$10.46	\$0.64	\$2.05	\$8.85	\$1.09	\$0.00	\$0.00	\$73.14	\$90.23
4th year	80.00	\$39.06	\$15.88	\$10.46	\$0.64	\$2.34	\$8.85	\$1.25	\$0.00	\$0.00	\$78.48	\$98.00
Helper	70.00	\$34.17	\$15.88	\$10.46	\$0.64	\$2.05	\$8.85	\$1.09	\$0.00	\$0.00	\$73.14	\$90.23
Assistant Mechanic	80.00	\$39.06	\$15.88	\$10.46	\$0.64	\$2.34	\$8.85	\$1.25	\$0.00	\$0.00	\$78.48	\$98.00

Special Calculation Note: Other is Holiday Pay. Vacation calcuated at 6%.

Ratio:

The total number of Helpers & Apprentices employed shall not exceed the number of Mechanics on any one job, except on jobs where (2) teams or more are working, (1) extra Helper or Apprentice may be employed for the first (2) teams and an extra Helper or Apprentice for each additional (3) teams.

- 1 Journeymen to 1 Apprentice
- 2 Journeymen to 5 Apprentice
- 3 Journeymen to 6 Apprentice

Special Jurisdictional Note:

Details:

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, HIGHLAND, MIAMI, MONTGOMERY, PREBLE, SCIOTO, SHELBY, WARREN

Name of Union: Glazier Local 387

Change # : LCN01-2020fbLoc387

Craft: Glazier Effective Date: 11/01/2020 Last Posted: 10/28/2020

	В	IR		Frin	ge Bene	fit Payn	nents		Irrevo Fur	1	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Glazier	\$2′	7.93	\$5.67	\$10.10	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.95	\$57.92
Apprentice	Per	cent										
1st 6 months	53.70	\$15.00	\$5.67	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.92	\$28.42
2nd 6 months	65.00	\$18.15	\$5.67	\$6.19	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.26	\$39.34
3rd 6 months	70.00	\$19.55	\$5.67	\$6.71	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.18	\$41.96
4th 6 months	75.00	\$20.95	\$5.67	\$6.85	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.72	\$44,19
5th 6 months	80.00	\$22.34	\$5.67	\$7.43	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.69	\$46.87
6th 6 months	85.00	\$23.74	\$5.67	\$7.57	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.23	\$49.10
7th 6 months	90.00	\$25,14	\$5.67	\$8.09	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.15	\$51.72
8th 6 months	95.00	\$26.53	\$5.67	\$8.68	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.13	\$54.40

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

Jurisdiction (* denotes special jurisdictional note):

Each employer may employ and train Apprentices in the ADAMS, BROWN, BUTLER, CHAMPAIGN, following ratio to journeymen workers employed.

CLARK, CLERMONT, CLINTON, DARKE,

1 Journeymen to 1 Apprentice

CLARK, CLERMONT, CLINTON, DARKE, FAYETTE*, GREENE, HAMILTON, HIGHLAND, MIAMI, MONTGOMERY, PREBLE, SHELBY*, WARREN

Special Jurisdictional Note: Fayette County: Eastern portion of route #41 being the dividing line between locals 372 and 387. Local 387 has jurisdiction of projects built on property which borders route #41 East. Shelby County: Southern portion of routes #47 & 29.

Details:

Name of Union: Ironworker Local 44

Change # : LCNO1-2019fbLoc44

Craft: Ironworker Effective Date: 06/05/2019 Last Posted: 06/05/2019

	BI	łR		Fring	e Bene	fit Pay	ments		Irrevo Fun		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification	n											
Ironworker Reinforcing	\$29).87	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$51.36	\$66.29
Structural	\$29).37	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Ornamental	\$29).37	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Machine Mover/Rigger	\$29	0.37	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65,54
Conveyer Mechanic	\$29	\$29.37 \$29.37		\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Maintenance/Heavy Hwy	\$29	0.37	\$8,20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Welder A	\$29	9,62	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$51.11	\$65.92
Welder B	\$29	9.87	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$51.36	\$66.29
Sheeter	\$29).37	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Fence Erector	\$27	7.90	\$8.20	\$9.50	\$0.60	\$0.00	\$3.00	\$0.19	\$0.00	\$0.00	\$49.39	\$63.34
Ironworker	\$29	0.37	\$8.20	\$9.50	\$0.60	\$0.00	\$3,00	\$0.19	\$0.00	\$0.00	\$50.86	\$65.54
Apprentice	Per	cent										
Apprentice												
lst yr A	55.00	\$16.43	\$8.20	\$9.50	\$0.60	\$0.00	\$0.75	\$0.19	\$0.00	\$0.00	\$35.67	\$43.88
1st yr B	60.00	\$17.92	\$8.20	\$9.50	\$0.60	\$0.00	\$0.75	\$0.19	\$0.00	\$0.00	\$37.16	\$46.12
1st yr C	65.00	\$19.42	\$8.20	\$9.50	\$0.60	\$0.00	\$0.75	\$0.19	\$0.00	\$0.00	\$38.66	\$48.36
2nd yr A	70.00	\$20.91	\$8.20	\$9.50	\$0.60	\$0.00	\$0.75	\$0.19	\$0.00	\$0.00	\$40.15	\$50.60
2nd yr B	75.00	\$22.40	\$8.20	\$9.50	\$0.60	\$0.00	\$0.75	\$0.19	\$0.00	\$0.00	\$41.64	\$52.84
3rd yr A	80.00	\$23.90	\$8.20	\$9.50	\$0.60	\$0.00	\$1.50	\$0.19	\$0.00	\$0.00	\$43.89	\$55.83
3rd yr B	85.00	\$25.39	\$8.20	\$9.50	\$0.60	\$0.00	\$1.50	\$0.19	\$0.00	\$0.00	\$45.38	\$58.07
4th yr A	90.00	\$26.88	\$8.20	\$9.50	\$0.60	\$0.00	\$2.25	\$0.19	\$0.00	\$0.00	\$47.62	\$61.06
4th yr B	95.00	\$28.38	\$8.20	\$9.50	\$0.60	\$0.00	\$2.25	\$0.19	\$0.00	\$0.00	\$49.12	\$63.30
4th yr C	100.00	\$29.87	\$8.20	\$9.50	\$0.60	\$0.00	\$2.25	\$0.19	\$0.00	\$0.00	\$50.61	\$65.54

Special Calculation Note: Other is Impact Fund Training

Ratio:

1 Journeymen to 1 Apprentice 2 Journeymen to 2 Apprentice 10 Journeymen to 4 Apprentices Jurisdiction (* denotes special jurisdictional note):

ADAMS*, BROWN, BUTLER*, CLERMONT, CLINTON*, HAMILTON, HIGHLAND*, WARREN*

Special Jurisdictional Note: Adams County Twps included: Bratton, Scott, Winchester, Wayne. Butler County Twps included: Oxford, St. Clair, Fairfield, Morgan, Liberty, Union, Ross, Reily, Hanover. West Chester. In Clinton County, Manchester and South West Borrow. Highland County Twps included: Dotson, Salem, Clay, White Oak, Hamer, New Market, Concord, Jackson, Washington. Warren County Twps included: Harlan, Deerfield, Hamilton.

Details:

Structural Iron Work but not limited to:field fabrication, all loading to and including the erecting,rigging,assembly,dismantling, placing, temporary and permanent securing by any means of all structural iron,steel,ornamental lead,bronze,brass,copper,aluminum,glass all ferrous and non ferrous metal and composite material, precast prestressed and post-stressed concrete structures. Bridges and bridge rails,bridge viaducts,bucks bulkheads,bumper and bumper post,canopies and unistrut canopies,corrugated ferrous and non ferrous sheets when attached to steel frames,columns,beams,bar-joists,trusses,grinders,roof decking,electrical supports,elevator cars,elevator fronts and enclosures,erection of steel towers,flag poles, gymnasium equipment,stadium and arena seating,jail cell work,jail cell beds,benches,bunks,chairs,tables,mirrors,jail cell access doors,rigging and installation of machinery and equipment(erecting,aligning,anchoring and dismantling, erection and dismantling of tower cranes,derrick monorail systems, Chicago booms,overhead cranes,gantries,material and personnel hoists,tanks,hoppers and conveyors. All pre-engineered metal buildings and their entirety including siding,roofing, gutters, downspouts and erection of all.

Ornamental Iron Work but not limited to:all work in connection with field fabrication,handling including loading/off loading,sorting,cutting,fastening,anchoring,bending,hoisting,placing,burning,welding,and tying,dismantling of all materials used in miscellaneous iron or steel, for stairs,hand railings,rolling doors, rolling gates,rolling shutters,fence,windows,curtain wall,erection and welding of all metal, sash,architectural and ornamental treatments, but not necessarily limited to all sizes and types of ornamental,steel iron,lead,bronze,brass,copper,aluminum,all ferrous and non ferrous metals and composite materials

Fence Erector Iron Worker but not limited to: All work in connection with the field fabrication and erection of chain link fence, which includes but not limited to the loading and of the fence fabric and posts also the installation of the above.

Name of Union: Ironworker Local 290

Change # : LCN01-2021fbLoc290

Craft: Ironworker Effective Date: 01/27/2021 Last Posted: 01/27/2021

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Ironworker Structural	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Welder	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Fence Erector	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Reinforcing Rods	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Machinery Mover	\$29.68		\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Sheeter	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Metal Building Erector	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Rigger & Erector	\$2	9.68	\$8.30	\$9.50	\$0.65	\$0.00	\$4.45	\$0.02	\$0.00	\$0.00	\$52.60	\$67.44
Apprentice	Per	rcent										
1st year	65.05	\$19.31	\$8.30	\$9.50	\$0.65	\$0.00	\$2.95	\$0.02	\$0.00	\$0.00	\$40.73	\$50.38
2nd year	75.07	\$22.28	\$8.30	\$9.50	\$0.65	\$0.00	\$2.95	\$0.02	\$0.00	\$0.00	\$43.70	\$54.84
3rd year	85.05	\$25.24	\$8.30	\$9.50	\$0.65	\$0.00	\$2.95	\$0.02	\$0.00	\$0.00	\$46.66	\$59.28
4th year	95.05	\$28.21	\$8.30	\$9.50	\$0.65	\$0.00	\$2.95	\$0.02	\$0,00	\$0.00	\$49.63	\$63.74

Special Calculation Note: Other is for Industry Fund.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ALLEN*, AUGLAIZE, BUTLER*, CHAMPAIGN*, CLARK, CLINTON, DARKE, FAYETTE*, GREENE, HARDIN*, HIGHLAND*, LOGAN*, MADISON*, MERCER*, MIAMI, MONTGOMERY, PREBLE, SHELBY, VAN WERT*, WARREN*

Special Jurisdictional Note: Allen County Twps included are: Auglaize, Perry, Shawnee, Amanda, Spencer, Marion, Sugar Creek, American, Bath, Jackson. Butler County Twps included are: Milford, Wayne, Madison, Lemon. Champaign Cnty Twps included are: Union, Urbana, Jackson, Concord, Salem, Mad River, Johnson, Harrison, Adams. Fayette County Twps included are: Green, Jasper,

Concord, Jefferson. Hardin County Twps included are: Round Head, Marion, Liberty. Highland County Twps included are: Fairfield, Penn, Union, Marshall, Liberty, Paint, Brush Creek. Logan County Twps included are: Richland, Stokes, Bloomfield, Washington, Harrison, McArthur, Lake, Liberty, Pleasant, Miami. Madison County Twps included are: Stokes. Mercer County Twps included are: Dublin, Washington, Jefferson, Recovery, Gibson, Union, Liberty, Butler, Granville, Center, Hopewell, Franklin, Marion. VanWert County Twps included are: Jennings. Warren County Twps included are: Franklin, Clear Creek, Turtle Creek, Wayne, Massie, Washington, Salem, Union.

Details:

Structural Iron Work but not limited to:field fabrication, all loading to and including the erecting,rigging,assembly,dismantling, placing, temporary and permanent securing by any means of all structural iron,steel,ornamental lead,bronze,brass,copper,aluminum,glass all ferrous and non ferrous metal and composite material, precast prestressed and post-stressed concrete structures. Bridges and bridge rails,bridge viaducts,bucks bulkheads,bumper and bumper post,canopies and unistrut canopies,corrugated ferrous and non ferrous sheets when attached to steel frames,columns,beams,bar-joists,trusses,grinders,roof decking,electrical supports,elevator cars,elevator fronts and enclosures,erection of steel towers,flag poles, gymnasium equipment,stadium and arena seating,jail cell work,jail cell beds,benches,bunks,chairs,tables,mirrors,jail cell access doors,rigging and installation of machinery and equipment(erecting,aligning,anchoring and dismantling, erection and dismantling of tower cranes,derrick monorail systems, Chicago booms,overhead cranes,gantries,material and personnel hoists,tanks,hoppers and conveyors. All pre-engineered metal buildings and their entirety including siding,roofing, gutters, downspouts and erection of all.

Ornamental Iron Work but not limited to:all work in connection with field fabrication,handling including loading/off loading,sorting,cutting,fastening,anchoring,bending,hoisting,placing,burning,welding,and tying,dismantling of all materials used in miscellaneous iron or steel, for stairs,hand railings,rolling doors, rolling gates,rolling shutters,fence,windows,curtain wall,erection and welding of all metal, sash,architectural and ornamental treatments, but not necessarily limited to all sizes and types of ornamental,steel iron,lead,bronze,brass,copper,aluminum,all ferrous and non ferrous metals and composite materials

Fence Erector Iron Worker but not limited to: All work in connection with the field fabrication and erection of chain link fence, which includes but not limited to the loading and of the fence fabric and posts also the installation of the above.

Name of Union: Labor HevHwy 3

Change #: LCN01-2020fbLocalHevHwy3

Craft: Laborer Group 1 Effective Date: 05/14/2020 Last Posted: 05/14/2020

	В	HR		Frin	ge Bene	fit Payı	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	sification											
Laborer Group 1	\$32	2.62	\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$43.97	\$60.28
Group 2	\$32.79 \$33.12		\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$44.14	\$60.54
Group 3			\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$44.47	\$61.03
Group 4	\$33.57		\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$44.92	\$61.71
Watch Person	\$25,35		\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$36.70	\$49.38
Apprentice	Per	cent										
0-1000 hrs	60.00	\$19.57	\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$30.92	\$40.71
1001-2000 hrs	70.00	\$22.83	\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$34.18	\$45.60
2001-3000 hrs	80.00	\$26.10	\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$37.45	\$50.49
3001-4000 hrs	90.00	\$29.36	\$7.00	\$3.80	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$40.71	\$55.39
More than 4000 hrs	100.00	\$32.62	\$7.00	\$3.80	\$0,45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$43.97	\$60.28

Special Calculation Note: Watchmen have no Apprentices. Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate.

Ratio:

- 1 Journeymen to 1 Apprentice
- 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN,

MORROW, MUSKINGUM, NOBLE, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SCIOTO, SENECA, SHELBY, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WYANDOT

Special Jurisdictional Note: Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site, Sewer Plant, Waste Water Treatment Facilities Construction

Details:

Group 1

Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, *Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating, Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control.

*Bridge Man will perfomr work as per the October 31, 1949, memorandum on concrete forms, byand between the United Brotherhood of Caprpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by memebers of the Laborers' International Union of North America."

Group 2

Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C)

***Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process.

Group 3

Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarner, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling.

Group 4

Miner, Welder, Gunite Nozzle Person

A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc.

The responsibility of a watchperson is to see that the equipment, job and office trailer etc. are secure.

Name of Union: Labor Local 534 Building

Change #: LCNO1-2019fbLoc534

Craft: Laborer Effective Date: 06/01/2019 Last Posted: 05/23/2019

	BE	IR		Fring	e Bene				Irrevo Fur	ıd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Laborer Group 1	\$27	.59	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$38.84	\$52.64
Laborer Group 2	\$27	.69	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$38.94	\$52.79
Laborer Group 3	\$27.79 \$27.92		\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.04	\$52.94
Laborer Group 4	\$27.92		\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.17	\$53.13
Laborer Group 5	\$28.17		\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.42	\$53.51
Laborer Group 6	\$27	7.94	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$39.19	\$53.16
Laborer Group 7	\$27	'.14	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$38,39	\$51.96
Apprentice	Per	cent										
0-1000 hrs	60.00	\$16.55	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$27.80	\$36.08
1001-2000 hrs	70.00	\$19.31	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$30.56	\$40.22
2001-3000 hrs	80.00	\$22.07	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$33.32	\$44.36
3001-4000	90.00	\$24.83	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$36.08	\$48.50
4001	100.00	\$27.59	\$7.00	\$3.70	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$38.84	\$52.64

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

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1 Journeman to 1 Apprentice

3 Journeman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BUTLER, WARREN

Special Jurisdictional Note:

Details:

Note:

Group 1: Building & Common Laborer; All general laborers work including all forms of landscaping, Rough Rider - all pump's 4 inch or smaller, Small Pump Portable Generators-Bobcat to Cleanup, Firewatch and Monitor, (Safety Person)

Group 2: Asphalt Raker, Tamper, Smoother, Hand Air Pump, Hand air Tamper, Chisel, Power Tamper, Operator, Switch, Assemblies, Handling & Laying Precast Concrete Floors & Deck Tool Repairman.

Group 3: Concrete Specialist; Skid Steers (with attachments to perform Laborer's duties) Jack Hammer * Concrete Busterman, Barco Tamper Man, Power Georgia Buggy Man, Power Sweeper Man, Vibrator, Concrete Saw Man, Rail Spikers, Acetylene Burner, Pipelayers, Bos'n Cradleman, Bottom Man, Chipping Hammer Grade Checker, Radio Operator, Form Cleanout & blowout Man, Red Concrete Coloring Man (Electrical Safety)

Group 4: Mason Tender, Mortar Mixers & Scaffold Builders

Group 5: Fork Lift for Mason, all work involving Refractory Materials Including Demolition of Refractory Materials.

Asbestos Removal and Hazardous Waste Removal (handling, control, removal abatement, encapsulation or disposal of asbestos & hazardous waste),

Group 6: Gunnite Man, Sand Blaster, Concrete & Grout Pump & Hose Man, Blast Trac, Miners & Muckers, Free Air, Powderman or Blaster, Mortar or Gypsum Machineman, Welder, Scuba Diver.

Group 7: Watchman & Tool Checker/Toolroom Man

Name of Union: Operating Engineers - Building Local 18 - Zone III

Change #: LCN01-2020fbLoc18zone3

Craft: Operating Engineer Effective Date: 05/14/2020 Last Posted: 05/14/2020

	В	HR				fit Payr	nents		Irrevo Fui	cable	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	sification											
Operator Class 1	\$3	8.24	\$8.51	\$6,00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.69	\$72.81
Class 2	\$3	8.12	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.57	\$72.63
Class 3	\$3	7.08	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$52.53	\$71.07
Class 4	\$3	5.90	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$51.35	\$69.30
Class 5	\$3	0.44	\$8.51	\$6,00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$45.89	\$61.11
Class 6	\$3	8.49	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.94	\$73.18
Class 7	\$3	8.74	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.19	\$73.56
Class 8	\$3	9.24	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.69	\$74.31
Class 9	\$3	9.49	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.94	\$74.68
Apprentice	Per	rcent										
1st Year	50.00	\$19.12	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$34.57	\$44.13
2nd Year	60.00	\$22.94	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$38.39	\$49.87
3rd Year	70.00	\$26.77	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$42.22	\$55.60
4th Year	80.00	\$30.59	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$46.04	\$61.34
Field Mechanic Trainee												
1st Year	50.00	\$19.12	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$34.57	\$44.13
2nd Year	60,00	\$22.94	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$38.39	\$49.87
3rd Year	70.00	\$26.77	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$42.22	\$55.60
4th Year	80,00	\$30.59	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$46.04	\$61.34

Special Calculation Note: Other: Education & Safety \$0.09

Ratio:

For every (3) Operating Engineer Journeymen employed by the company there may be employed (1) Registered Apprentice or trainee Engineer through the referral when they are available. An apprenice, while employed as part of a crew per Article VIII, paragraph DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE,

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COSHOCTON, CRAWFORD, DARKE, FRANKLIN, FULTON, GALLIA, GREENE,

77, will not be subject to the apprenticeship ratios in this collective bargaining agreement

GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WYANDOT

Special Jurisdictional Note:

Details:

**Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% increase if required to have CDL

Class 1 - Barrier Moving Machine; Boiler Operators or Compressor Operators, when compressor or boiler is mounted on crane (Piggyback Operation); Boom Trucks (all types); Cableways Cherry Pickers; Combination - Concrete Mixers & Towers; All Concrete Pumps with Booms; Cranes (all types) Derricks (all types); Draglines Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Gradalls; Helicopter Operators; hoisting building materials; Helicopter Winch Operators, Hoisting building materials; Hoes (All types); Hoists (with two or more drums in use): Hydraulic Gantry (lift system); Laser Finishing Machines; Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Engineers (Mechanic and/or Welder); Mixers, paving (multiple drum); Mobile Concrete Pumps, with booms, Panelboards, (all types on site); Pile Drivers; Power Shovels; Prentice Loader; Rail Tamper (with automatic lifting and aligning device); Rotary Drills (all) used on caissons for foundations and sub-structure work; Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Tug Boats. Horizontal Directional Drill, Rough Terrain Fork-lift with Winch/Hoist, Laser Screed, and Like equipment; Compact Cranes, track or rubber over 4,000 pound capacity, self-erecting cranes: stationary, track or truck (all configurations) bucket trench machines (over 24 " wide).

Class 2 - Asphalt Pavers; Bobcat-type and/or skid steer loader with hoe attachment greater than 7000 lbs. Bulldozers; CMI type Equipment; Endloaders; Hydro Milling Machine; Kolman-type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Pettibone-Rail Equipment; Power Graders; Power Scoops; Power Scrapers; Push Cats; Vermeer Type Concrete Saw; All rotomills, grinders & planers of all types. Articulating/end dumps (minus \$4.00/hour from Class 2 rate)

Class 3 - A Frames; Air Compressors, Pressurizing Shafts or Tunnels; All Asphalt Rollers; Bobcat-type and/or skid steer loader with or without attachments; Boilers (15 lbs pressure and over); All concrete Pumps (without booms with 5 inch system); Fork Lifts (except masonry); Highway Drillers - all types (with integral power); Hoists (with one drum); House Elevators (except those automatic call button controlled); Man lifts; Mud Jacks; Pressure Grouting; Pump Operators (installing or operating Well Points or other types of Dewatering Systems); Pumps (4 inches and over discharge); Railroad Tie Inserter/Remover; Rotator (Lime-Soil Stabilizer); Submersible Pumps (4 inches and over discharge); Switch & Tie Tampers (without lifting and aligning device); Trench Machines (24 inches and under); Utility Operators; Material hoist/elevators.

Class 4 - Ballast Re-locator; Backfillers and Tampers; Batch Plant Operators; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Clefplanes; Compressors, on building construction; Concrete Spreader; Conveyors, used for handling building materials; Concrete Mixers, one bag capacity (side loader); Concrete Mixers, capacity more than one bag; Crushers; Deck Hands; Drum Fireman (in Asphalt Plant); Farm type tractors pulling attachments; Finishing Machines; Form Trenchers; Generators: Gunite Machines; Hydro-

Seeders; Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Pressure Pumps (over 1/2 inch discharge); Road Widening Trenchers; Rollers (except asphalt); All Concrete pumps (without Boom with 4 inch or smaller systems); Self-Propelled Power Spreaders; Concrete Spreaders; Self-Propelled Sub-graders; Shotcrete Machines; Tire Repairmen; Tractors, pulling sheepfoot rollers or graders; VAC/ALLS; Vibratory Compactors, with integral power; Welder Operators.

Class 5 - Boilers (less than 15 lbs. pressure); Inboard/outboard Motor Boat Launches; Light Plant Operators; Masonry Fork Lifts; Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalmen, Submersible Pumps (under 4 inch discharge). Directional Drill Locator and Allen Screed Concrete Paver. Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hour), compact cranes; track or rubber under 4,000 pounds.

Class 6 - Master Mechanic

Class 7 - Boom & Jib 150 - 180 feet

Class 8 - Boom & Jib 180 - 249 feet

Class 9 - Boom & Jib 250 - or over

Name of Union: Operating Engineers - HevHwy Zone II

Change #: LCN01-2020fbLoc18hevhwyll

Craft: Operating Engineer Effective Date: 05/14/2020 Last Posted: 05/14/2020

	В	HR		Frin	ge Bene	fit Payr	nents		Irrevo Fui		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			
Clas	sification											
Operator Class 1	\$3	8,24	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.69	\$72.81
Class 2	\$3	8.12	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.57	\$72.63
Class 3	\$3	7.08	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$52.53	\$71.07
Class 4	\$3	5.90	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$51.35	\$69.30
Class 5	\$3	\$30.44		\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$45.89	\$61.11
Class 6	\$38.49		\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$53.94	\$73.18
Apprentice	ntice Percent			·								
1st Year	50.00	\$19.12	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$34.57	\$44.13
2nd Year	60,00	\$22.94	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$38.39	\$49.87
3rd Year	70.00	\$26.77	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$42.22	\$55.60
4th Year	80.00	\$30.59	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$46.04	\$61.34
Field Mech Trainee Class 2												
1st year	49.85	\$19.06	\$8.51	\$6.00	\$0.85	\$0,00	\$0.00	\$0.09	\$0.00	\$0.00	\$34.51	\$44.04
2nd year	59.80	\$22.87	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$38.32	\$49.75
3rd year	69.77	\$26.68	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0,00	\$42.13	\$55.47
4th year	79.75	\$30.50	\$8.51	\$6.00	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$45.95	\$61.19

Special Calculation Note: Other: Education & Safety Fund is \$0.09 per hour.

Ratio:

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) AUGLAIZE, BELMONT, BROWN, BUTLER, Registered Apprentice or Trainee Engineer through the CARROLL, CHAMPAIGN, CLARK, CLERMONT, referral when they are available. An apprentice, while employed as part of a crew per Article VIII paragraph 65, will not be subject the apprenticeship ratios in this collective bargaining agreement.

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ATHENS, CLINTON, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN. HARRISON, HENRY, HIGHLAND, HOCKING. HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

**Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% increase if they are required to have CDL.

Class 1 - Air Compressors on Steel Erection; Barrier Moving Machine; Boiler Operators, on Compressors or Generators, when mounted on a rig: Cableways, Combination Concrete mixers & Towers; Concrete Pumps; Concrete Plants (over 4 yd capacity); Cranes (all types, including Boom Trucks, Cherry Pickers); Derricks; Draglines, Dredgers (dipper, clam or suction); Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls, Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial - Type Tractors; Jet Engine Dryers (D8 or D9), Diesel Tractors; Locomotives (standard gage); Maintenance Operators (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Side Booms; Slip Form Pavers; Tower Dericks; Tree Shredders; Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators. Rough Terrain Fork-lift with Winch/Hoist; Compact Cranes, track rubber over 4,000 pound capacity, self-erecting cranes; stationary, track or truck (all configurations) Bucket trench machines (over 24 inches wide).

Class 2 - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or skid steer loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Endloaders; Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Maintenance Operators, Class B (Portage and Summit Counties only); Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Trench Machines (24inch wide and under); Vermeer Type Concrete saw. Material Transfer Equipment (Shuttle buggy) Asphalt; All rotomills, grinders and planers of all types. Horizontal Directional Drill (Over 50,000 ft.lbs.thrust and over)

Class 3 - A-Frames; Air Compressors, on tunnel work (low Pressure); Asphalt Plant Engineers; Bobcat-type and/or skid steer loader with or without attachments; Power Boilers (15 lbs pressure and over); Highway Drills (all types); Rollers, asphalt; Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rotator (lime-soil Stabilizer), Switch & Tie Tampers (without lifting and aligning device); Locomotives (narrow gage); Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Utilities Operators, (small equipment); Welding Machines; Material hoist/elevators. Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

Class 4 -Ballast Re-locator; Backfillers, Batch Plants; Bar and Joint Installing Machines; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yd and under); Conveyors (highway); Concrete Saws (multiple); Crushers; Deckhands; Farm type tractors, with attachments (highway), except masonry; Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway); Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers; Plant Mixers; Post Drivers; Post Hole Diggers (power auger); Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-

Graders; Tractors, pulling sheepsfoot rollers or graders; Steam Firemen; Vibratory Compactors, with integral power.

Class 5 - Compressors (portable, Sewer, Heavy and Highway); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oilers/Helpers; Power Driven Heaters; Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalmen; Drum Fireman (in Asphalt Plant); Oil Heaters (Asphalt Plant); Tire Repairmen; VAC/ALLS; Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/ hour), compact cranes: track or rubber under 4,000 pounds.

Class 6 - Master Mechanic

Name of Union: Painter Locals 123 & 238

Change #: LCR01-2020fbLoc123-238

Craft: Drywall Finisher Effective Date: 05/14/2020 Last Posted: 05/14/2020

	BHR		Frii	ıge Bene	efit Payn	1ents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Clas	ssification						·				
Painter Drywall Finisher	\$25.30	\$5.69	\$5.40	\$0,31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.70	\$49.35
Tapers and Finishers	\$25.30	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.70	\$49.35
Apprentice											
1st Year	\$14.19	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.49	\$29.58
2nd Year	\$16.88	\$5,69	\$2.30	\$0,31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.18	\$33.62
3rd Year	\$19.57	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.87	\$37.66
4th Year	\$20.92	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.22	\$39.68

Special Calculation Note: Apprentices shall be paid the proper % of the classification above.

Ratio:

1 Journeyman to 1 Apprentice per job

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

Name of Union: Painter Locals 123 & 238 Commercial & Industrial

Change #: LCR01-2020fbLoc123

Craft: Painter Effective Date: 05/14/2020 Last Posted: 05/14/2020

	BHR		Fri	nge Ben	efit Payn	nents		Irrevo		Total	Overtime
			1					Fu	nd	PWR	Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Cla	ssification										1
Painter Brush Roll	\$25.30	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.70	\$49.35
Paper Hanger	\$25.30	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.70	\$49.35
Spray Painter	\$25.80	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.20	\$50.10
Sand Blaster Water Blaster	\$26.05	\$5.69	\$5.40	\$0.31	\$0.00	. \$0.00	\$0.00	\$0.00	\$0.00	\$37.45	\$50.48
Elevated Tanks	\$26.30	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.70	\$50.85
Apprentice											
1st Year	\$14.19	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.49	\$29.58
2nd Year	\$16.88	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.18	\$33.62
3rd Year	\$19.57	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.87	\$37.66
4th Year	\$20.92	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.22	\$39.68

Special Calculation Note: Apprentices shall be paid the proper % of the classification above.

Ratio:

(1) Journeymen to (1) Apprentice per jobsite

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the

industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

Name of Union: Painter Local 123 & 238 Hvy Hwy

Change # : LCR01-2020fbLoc123

Craft: Painter Effective Date: 05/14/2020 Last Posted: 05/14/2020

	BHR		Ective Date: 05/14/2020 Last Posted: 0 Fringe Benefit Payments						ocable nd	Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classifi	cation										
Painter Bridge Class 1	\$33.00	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.40	\$60.90
Bridge Painter, Rigger, Containment Builder, Spot Blaster Class 2	\$27.00	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.40	\$51.90
Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control, Boat Person Class 3	\$27.00	\$5.69	\$5,40	\$0.31	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$38.40	\$51.90
Concrete Sealing, Concrete Blasting/Power Washing, Etc. Class 4	\$27.00	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.40	\$51.90
Quality Control/Quality Assurance, Traffic Safety, Competent Person Class 5	\$26.00	\$5.69	\$5.40	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.40	\$50.40
Apprentice										,	
1st Year	\$17.13	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.43	\$34.00
2nd Year	\$20.25	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.55	\$38.67
3rd Year	\$23.36	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.66	\$43.34
4th Year	\$24.92	\$5.69	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.22	\$45.68

Special Calculation Note: Apprentices shall be paid proper % of the classification above...

Ratio:

Jurisdiction (* denotes special jurisdictional note):

1 Journeyman to 1 Apprentice

BROWN, BUTLER, CLERMONT, CLINTON, HAMILTON, WARREN

Special Jurisdictional Note:

Details:

Industrial Work paid as commercial work above for each class which includes, Industrial Plants, repair garages, processing plants, storage tanks, warehouses, skeletons structures, bridges unless highest point of clearance is 60 feet or more whether new or old construction offices and office buildings in industrial sites are at industrial rates. Heavy & Highway Bridges-GuardRails- Light Poles. A hazardous steeplejack rate shall apply on radio towers, stacks, light towers, water towers, steeples, skeleton steel, and exterior industrial conveyors over 25 feet, where such items require steeplejack methods and the rate of pay shall be a \$1.00 per hour above the industrial rate. Steeplejack rate to apply to bridges where highest point of clearance is 60 feet.

- Class 1 Abrasive blasting of any kind.
- Class 2 Bridge painting, coating application of any kind. All steel surface preparation other than abrasive blasting. All necessary rigging and containment building. All remedial/spot blasting.
- Class 3 Tend to all equipment including but not limited to abrasive basting, power washing, spray painting, forklifts, hoists, trucks, etc. Load and unload trucks, handle materials, man safety boats, handle traffic control, clean up/vacuum abrasive blast materials and related tasks.
- Class 4 All aspects of concrete coating/ sealing including but not limited to preparation, containment, etc.
- Class 5 Verify and record that all work is completed according to job specifications. Assure that all health and safety standards are adhered to. Assure all traffic is safely handled.

Name of Union: Painter Local 639

Change #: LCNO1-2015fbLoc639

Craft: Painter Effective Date: 06/10/2015 Last Posted: 06/10/2015

,	BHR		Frin	ge Bene	fit Payn	nents		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		979
Classifica	ation										
Painter Metal Finisher/Helpers											
Top Helper Class A	\$19.09	\$3.65	\$0.00	\$0.00	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$23.40	\$32.94
Top Helper Class B	\$19.09	\$3.65	\$0.65	\$0.00	\$1.03	\$0.00	\$0.37	\$0.00	\$0.00	\$24.79	\$34.33
Top Helper Class C	\$19.09	\$3.65	\$1.00	\$0.00	\$1.76	\$0.00	\$0.37	\$0.00	\$0.00	\$25.87	\$35.41
Helper Class A	\$14.69	\$3.65	\$0.00	\$0.00	\$0.51	\$0.00	\$0.00	\$0.00	\$0.00	\$18.85	\$26.19
Helper Class B	\$14.69	\$3.65	\$0.65	\$0.00	\$0.79	\$0.00	\$0.28	\$0.00	\$0.00	\$20.06	\$27.40
Helper Class C	\$14.69	\$3.65	\$1.00	\$0.00	\$1.64	\$0.00	\$0.28	\$0.00	\$0.00	\$21.26	\$28.60
New Hire 90 Days	\$11.00	\$3.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.65	\$20.15

Special Calculation Note: Other is Sick and Personal Time

Ratio:

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY,

SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARÁWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Top Helper: Shall perform the responsibilities of a Helper and be responsible for the setup, break down, safety and quality of the company's product.

Helper: Shall be responsible for performing tasks in refinishing, compliance with safety procedures, setting up and breaking down job sites, scaffolding and swing stages and preparing surfaces for refinishing including but not limited to, masking and stripping and cleaning, oxidizing, polishing and scratch removal on various surfaces

Class A Workers: Less than 1 Year of Service.

Class B Workers: More than 1 and less than 8 Years of Service.

Class C Workers: More than 8 Years of Service.

Metal Polisher Scope of Work: Polishing, buffing, stripping, coloring, lacquering, spraying, cleaning and maintenance of ornamental and architectural metals, iron, bronze, nickel, aluminum and stainless steel and in mental specialty work, various stone finishes, stone specialty work and any other work pertaining to the finishing of metal, stones, woods, and any window washing/cleaning done in conjunction with this work, using chemicals, solvents, coatings and hand applied lacquer thinner, removing scratches from mirrow finished metals, burnishing of bronze, statuary finishes on exterior and interior surfaces and the use of all tools required to perform such work, including but not limited to polishes, spray equipment and scaffolding.

Swing State Rate: All work on scaffold 4 sections or higher, including any boom lifts and swing stage scaffolds including the rigging and derigging of hanging/suspended swing stage systems and rappelling/bolson chair work, ADD \$1.50 per hour.

Name of Union: Painter Local 639 Zone 2 Sign

Change #: LCN01-2016fbLoc639

Craft: Painter Effective Date: 08/03/2016 Last Posted: 08/03/2016

	BHR		Fr	inge Benef	it Payme	nts		Irrevo Fu		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	fication										
Painter Sign Journeyman Fech/Team Leader Class A	\$21.25	\$1,33	\$0.14	\$0.00	\$0.00	\$0.00	\$0.57	\$0.00	\$0.00	\$23.29	\$33.92
Painter Sign Journeyman Fech/Team Leader Class B	\$21.25	\$1,33	\$0.14	\$0.00	\$0.41	\$0.00	\$0.57	\$0.00	\$0.00	\$23.70	\$34.32
Painter Sign Journeyman Tech/Team Leader Class C	\$21.25	\$1.33	\$0.14	\$0.00	\$0.82	\$0.00	\$0.57	\$0.00	\$0.00	\$24.11	\$34.74
Painter Sign Journeyman Tech/Team Leader Class D	\$21,25	\$1.33	\$0.14	\$0.00	\$1.23	\$0.00	\$0.57	\$0.00	\$0.00	\$24.52	\$35.14
Sign Journeyman Class A	\$20.98	\$1.33	\$0.14	\$0.00	\$0.00	\$0.00	\$0.56	\$0.00	\$0.00	\$23.01	\$33.50
Sign Journeyman Class B	\$20.98	\$1.33	\$0.14	\$0.00	\$0.40	\$0.00	\$0.56	\$0.00	\$0.00	\$23.41	\$33.90
Sign Journeyman Class C	\$20.98	\$1.33	\$0.14	\$0.00	\$0.81	\$0.00	\$0.56	\$0.00	\$0.00	\$23.82	\$34.31
Sign Journeyman Class D	\$20.98	\$1.33	\$0.14	\$0.00	\$1.21	\$0.00	\$0.56	\$0.00	\$0.00	\$24.22	\$34.71
Tech Sign Fabrication/ Erector Class A	\$15.90	\$1.33	\$0.14	\$0.00	\$0.00	\$0.00	\$0.43	\$0.00	\$0.00	\$17.80	\$25.75
Tech Sign Fabrication/ Erector Class B	\$15.90	\$1.33	\$0.14	\$0.00	\$0.31	\$0.00	\$0.43	\$0.00	\$0.00	\$18.11	\$26.06
Tech Sign Fabrication/ Erector Class C	\$15.90	\$1.33	\$0.14	\$0.00	\$0.61	\$0.00	\$0.43	\$0.00	\$0.00	\$18.41	\$26.36
Tech Sign Fabrication/ Erector Class D	\$15.90	\$1.33	\$0.14	\$0.00	\$0.92	\$0.00	\$0.43	\$0.00	\$0.00	\$18.72	\$26.67

Special Calculation Note: Other is for paid holidays.

Ratio	:

Jurisdiction (* denotes special jurisdictional note):
ADAMS, ALLEN, AUGLAIZE, BROWN, BUTLER,
CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON,
COLUMBIANA, COSHOCTON, CRAWFORD, DARKE,
DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE,
FRANKLIN, FULTON, GREENE, HAMILTON, HANCOCK,
HARDIN, HENRY, HIGHLAND, HOLMES, HURON,
JACKSON, KNOX, LICKING, LOGAN, LORAIN, LUCAS,
MADISON, MAHONING, MARION, MERCER, MIAMI,
MONTGOMERY, MORROW, MUSKINGUM, OTTAWA,
PAULDING, PERRY, PICKAWAY, PIKE, PREBLE,
PUTNAM, ROSS, SANDUSKY, SCIOTO, SENECA,
SHELBY, STARK, TRUMBULL, TUSCARAWAS, UNION,
VAN WERT, WARREN, WAYNE, WILLIAMS, WOOD,

Special Jurisdictional Note:

Details:

Class A: less that 1 year. Class B: 1-3 years. Class C; 3-10 years.

Class D: More than 10 years.

Name of Union: Plasterer Local 132 (Cincinnati)

Change # : LCN01-2016fbLoc132

Craft: Plasterer Effective Date: 06/24/2016 Last Posted: 06/24/2016

	BI	HR		Fring	e Bene	fit Pay	ments		Irrevo Fur	- 1	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	ification											
Plasterer	asterer \$23.61		\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$36.45	\$48.25
Apprentice	Per	cent										
1st 900 hours	55,00	\$12.99	\$5.59	\$0.00	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$19.68	\$26.17
2nd 900 hours	60.00	\$14.17	\$5.59	\$0.00	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$20.86	\$27.94
3rd 900 hours	65.00	\$15.35	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$28.19	\$35.86
4th 900 hours	70.00	\$16.53	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$29.37	\$37.63
5th 900 hours	80.00	\$18.89	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$31.73	\$41.17
6th 900 hours	85.00	\$20.07	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$32.91	\$42.94
7th 900 hours	90.00	\$21.25	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$34.09	\$44.71
8th 900 hours	95.00	\$22.43	\$5.59	\$6.15	\$0.50	\$0.00	\$0.60	\$0.00	\$0.00	\$0.00	\$35.27	\$46.48

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeyman to 1 Apprentice

4 Journeyman to 2 Apprentice

7 Journeyman to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

Special Jurisdictional Note:

Details:

Apprentice and Shop Hand Pension are \$1.00 less than Journeyman.

Name of Union: Plumber Pipefitter Local 392

Change # : LCN01-2019-fbLoc392

Craft: Plumber/Pipefitter Effective Date: 06/05/2019 Last Posted: 06/05/2019

	B)	HR		Fring	e Bene	fit Pay	ments		Irrevocable Fund		Total PWR	Overtime Rate
		·	H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Plumber Pipefitter	\$32	2.81	\$7.40	\$12.39	\$0.50	\$0.00	\$0.00	\$0.98	\$0.00	\$0.00	\$54.08	\$70.48
Plumber Helper	\$2	1.33	\$7.30	\$6.59	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.72	\$46.38
Apprentice	Per	'cent										
lst yr	46.50	\$15,26	\$7.20	\$0.40	\$0.50	\$0.00	\$0.00	\$0.48	\$0.00	\$0.00	\$23.84	\$31.46
2nd yr	51.53	\$16.91	\$7.20	\$0.40	\$0.50	\$0.00	\$0.00	\$0.48	\$0.00	\$0.00	\$25.49	\$33.94
3rd yr	56.53	\$18.55	\$7.20	\$6.59	\$0.50	\$0.00	\$0.00	\$0.48	\$0.00	\$0.00	\$33.32	\$42.59
4th yr	61.53	\$20.19	\$7.20	\$6.59	\$0.50	\$0.00	\$0.00	\$0.48	\$0.00	\$0.00	\$34.96	\$45.05
5th yr	76.53	\$25.11	\$7.20	\$12.39	\$0.50	\$0.00	\$0.00	\$0.48	\$0.00	\$0.00	\$45.68	\$58.23

Special Calculation Note: OTHER IS: SUPPLEMENTAL UNEMPLOYMENT BENEFITS.

Ratio:

1 Journeymen to 1 Apprentice

2 Journeymen to 4 Apprentices

3 Journeymen to 6 Apprentices

Jurisdiction (* denotes special jurisdictional note):

BROWN, BUTLER, CLERMONT, HAMILTON, WARREN

When more than twenty (20) Journeymen are employed additional apprentices may be acquired at a ratio of one (1) apprentice to four (4) journeymen.

Special Jurisdictional Note:

Details:

Helpers shall be permitted to work on ONLY, Exterior Sewers, Concrete, Vitrified Clay or PVC Pipe and Digging and Backfilling for Piping Work. The ratio shall not exceed 2 helpers to 1 Journeymen when performing the scope of work listed above

Name of Union: Roofer Local 42

Change #: LCNO2-2019fbLoc42

Craft: Roofer Effective Date: 09/19/2019 Last Posted: 09/19/2019

	Bl	HR		Fring	ge Bene	fit Payı	ments		Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	LECET (*)	MISC (*)			
Class	sification										1	
Roofer	\$23	8.25	\$7.87	\$7.55	\$0.32	\$0.00	\$0.50	\$0.06	\$0.00	\$0.00	\$44.55	\$58.67
Tradesmen	\$22	2.60	\$7.87	\$6.04	\$0.00	\$0.00	\$0.50	\$0.03	\$0.00	\$0.00	\$37.04	\$48.34
Apprentice	Per	cent										
1st period	60.00	\$16.95	\$7.87	\$4.53	\$0.03	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$29.88	\$38.35
2nd period	70.00	\$19.77	\$7.87	\$5.28	\$0.03	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$33.46	\$43.34
3rd period	80,00	\$22.60	\$7.87	\$6.04	\$0.03	\$0.00	\$0,50	\$0.00	\$0.00	\$0.00	\$37.04	\$48.34

Special Calculation Note: Other is Education and Safety.

Journeymen shall receive \$1.00 per hour above journeyman rate for work with pitch material.

Ratio:

Employer may employ 1 apprentice for every 2 journeymen in his employment.

Jurisdiction (* denotes special jurisdictional note):

ADAMS, BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

Special Jurisdictional Note:

Details:

Any Tradesman Worker completing 2,000 hours in (2) years may move to Journeyman status by utilizing the Training Yard to improve their skills. Tradesman Workers will be tested at these yards to determine their competency for Journeyman status. Tradesman Workers must schedule and successfully complete the industry test battery in order to gain journeyman status.

Name of Union: Sheet Metal Local 24 (Dayton)

Change #: LCR02-2019fbLoc24(Day)

Craft: Sheet Metal Worker Effective Date: 06/19/2019 Last Posted: 06/19/2019

	ВІ	IR	ý	Fring	ge Bene				Irrevo Fui	ıd	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classi	fication											
Sheet Metal Worker	\$27	7.72	\$8.52	\$14.46	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.55	\$65.41
Apprentice	Per	cent										
Apprentice												
5th Year B	80.00	\$22.18	\$8.26	\$11.56	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.85	\$53.93
5th Year A	75.00	\$20.79	\$8.20	\$10.85	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.69	\$51.09
4th Year B	70.00	\$19.40	\$8,13	\$10.13	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.51	\$48.22
4th Year A	65.00	\$18.02	\$8.07	\$9.40	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.34	\$45.35
3rd year B	60.00	\$16.63	\$8.01	\$8.68	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.17	\$42,49
3rd Year A	55.00	\$15.25	\$7.94	\$7.95	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.99	\$39.61
2 Year B	53.78	\$14.91	\$7.90	\$7.02	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.68	\$38.13
2 Year A	52.69	\$14.61	\$7.88	\$6.49	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.83	\$37.13
Probationary 1 Year	51.13	\$14.17	\$7.85	\$5.87	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.74	\$35.83

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

1 Journeyman to 1 Apprentice then,

1 Apprentice for every 2 Journeymen thereafter

Jurisdiction (* denotes special jurisdictional note):

ALLÉN, AUGLAIZE, BUTLER, CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HARDIN, LOGAN, MERCER, MIAMI, MONTGOMERY, PREBLE, SHELBY, VAN WERT, WARREN, WYANDOT

Special Jurisdictional Note:

Details:

Name of Union: Sprinkler Fitter Local 669

Change #: LCN01-2020fbLoc669

Craft: Sprinkler Fitter Effective Date: 04/08/2020 Last Posted: 04/08/2020

	В	HR		Frin	ge Bene	efit Payr	nents		Irrevo Fu		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	Classification											
Sprinkler Fitter	\$4	0.40	\$10.23	\$6.80	\$0.52	\$0.00	\$5.12	\$0.10	\$0.00	\$0.00	\$63.17	\$83.37
Apprentice Indentured after April 1, 2013		rcent			,							
CILASS 1	45,00	\$18.18	\$7.75	\$0.00	\$0.52	\$0.00	\$0.00	\$0.10	\$0.00	\$0.00	\$26.55	\$35.64
CLASS 2	50.00	\$20.20	\$7.75	\$0.00	\$0.52	\$0.00	\$0.00	\$0.10	\$0.00	\$0.00	\$28.57	\$38.67
CLASS 3	54.38	\$21.97	\$10.23	\$6.80	\$0.52	\$0.00	\$1.15	\$0.10	\$0.00	\$0.00	\$40.77	\$51.75
CLASS 4	59.38	\$23.99	\$10.23	\$6.80	\$0.52	\$0.00	\$1.15	\$0.10	\$0.00	\$0.00	\$42.79	\$54.78
CLASS 5	64,38	\$26.01	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$45.06	\$58.06
CLASS 6	69.38	\$28.03	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$47.08	\$61.09
CLASS 7	74.38	\$30.05	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$49.10	\$64.12
CLASS 8	79.38	\$32.07	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$51.12	\$67.15
CLASS 9	84,38	\$34.09	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$53.14	\$70.18
CLASS 10	89.38	\$36.11	\$10.23	\$6.80	\$0.52	\$0.00	\$1.40	\$0.10	\$0.00	\$0.00	\$55.16	\$73.21

Special Calculation Note: \$0.10 for Other is National Fire Sprinkler Association

Ratio:

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW,

MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

Sprinkler Fitter work shall consist of the installation, dismantling, maintenance, repairs, adjustments, and corrections of all fire protection and fire control systems including the unloading, handling by hand, power equipment and installation of all piping or tubing, appurtenances and equipment pertaining thereto, including both overhead and underground water mains, fire hydrants and hydrant mains, standpipes and hose connections to sprinkler systems used in connection with sprinkler and alarm systems. Also all tanks and pumps connected thereto, also included shall be CO-2 and Cardox Systems, Dry Chemical Systems, Foam Systems and all other fire protection systems.

Name of Union: Truck Driver Bldg & HevHwy Class 1 Locals 20,40,92,92b,100,175,284,438,377,637,908,957

Change #: OCRO1-2019fbBldgHevHwy

Craft: Truck Driver Effective Date: 09/11/2019 Last Posted: 09/11/2019

	BH	IR		Fring	ge Bene	fit Payı	ments		Irreyo Fur	- 1	Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Class	Classification											
Truck Driver CLASS 1 4 wheel service, dump, and batch trucks, Oil Distributor - Asphalt Distributor- Tandems	\$28	.04	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.14	\$57.16
Apprentice	Per	cent										
First 6 months	80.00	\$22.43	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.53	\$48.75
7-12 months	85.00	\$23.83	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.93	\$50.85
13-18 months	90.00	\$25.24	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.34	\$52.95
19-24 months	95.00	\$26.64	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.74	\$55.06
25-30 months	100.00	\$28.04	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.14	\$57.16

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN,

HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

** Asphalt - Oil spray bar man when operating from cab shall receive \$0.20 cents per hour above their Basic Hourly Rate.

Name of Union: Truck Driver Bldg & HevHwy Class 2 Locals 20,40,92,92b,100,175,284,438,377,637,908,957

Change #: LCRO1-2019-fbBldgHevHwy

Craft: Truck Driver Effective Date: 10/16/2019 Last Posted: 10/16/2019

	ВН	R	Fringe Benefit Payments Irrevoca					ıd	Total PWR	Overtime Rate		
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classific	cation	· . · ·										
Truck Driver CLASS 2 Tractor Trailer-Semi Tractor Trucks-Pole Trailers- Ready Mix Trucks-Fuel Trucks- Asphalt-Oil Spray bar men- 5 Axle & Over -Belly Dumps-End Dumps- Articulated Dump Trucks- Low boys- Heavy duty Equipment (irrespective of load carried) when used exclusively for transportation- Truck Mechanics (when needed)	\$28	.46	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.56	\$57.79
Apprentice	Perc		<u></u>					.		40.00	007.05	440.05
First 6 months	80.00	\$22.77	\$7.00	\$7.90		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.87	\$49.25
7-12 months	85.00	\$24.19	\$7.00	\$7.90	·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.29	\$51.39
13-18 months	90.00	\$25.61	\$7.00	\$7.90	ı ————	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.71	\$53.52
19-24 months	95.00	\$27.04	\$7.00	\$7.90	·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.14	\$55.66
25-30 months	100.00	\$28.46	\$7.00	\$7.90	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.56	\$57.79

Special Calculation Note: No special calculations for this skilled craft wage rate are required at this time.

Ratio:

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note):

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note:

Details:

** Asphalt - Oil spray bar man when operating from cab shall receive \$0.20 cents per hour above their Basic Hourly Rate.

SECTION M SPECIAL PROVISIONS/TECHNICAL

SPECIFICATIONS

The 2019 Ohio Department of Transportation Construction and Material Specifications and the Supplemental Specifications shall govern this project unless stated otherwise by the Warren County Engineer, herein referred to as "Engineer", "Project Engineer" and "County Engineer".

It is required that the bidder be an ODOT pre-qualified Contractor to complete the construction work required in these Bid Documents. The Contractor, Sub-Contractor, and Fabricators must meet or exceed the ODOT Minimum Skills Requirements for all Work Types involved in this project.

Conflicting Items in Bid Documents

Whenever the Technical Specifications and Bid Proposal Quantities differ from the Construction Plans, the Technical Specifications and Bid Proposal Quantities shall control for the bidding of this project.

Construction Engineering and Project Inspection

The Warren County Engineer will provide all construction engineering and project inspection for the construction of this project.

Operations Schedule

The Contractor shall advise and coordinate all work with the Engineer. A detailed schedule of operations shall be furnished by the Contractor to the Engineer and shall list the order of operations and the time frame for the completion of each item of work. The Engineer and the Owner prior to the beginning of the work shall approve the schedule of operations. Changes to said schedule are to be issued in writing and approved by the Engineer before operations are changed or rescheduled. The Contractor shall schedule operations so that the improved areas have had sufficient time to cure, set and/or harden before the area is opened to traffic or use. The Contractor shall be responsible for the immediate repair of the improved area if any damage is done by traffic. The Contractor shall also be responsible for the immediate rectification of problems created in areas outside of the improved areas attributable to the failure of the improved area, i.e., the tracking of materials into unimproved areas.

Preconstruction Meeting

Prior to the commencement of the construction activities, the Warren County Engineer will arrange a meeting between the Contractor and the Warren County Engineer. The time, date, and location of said meeting will be determined after the awarding of the contract. All parties will be notified by the Warren County Engineer. At the preconstruction meeting the Contractor shall submit to the Project Manager a construction schedule, list of subcontractors, and list of suppliers.

Project Start Date

The Contractor shall begin the construction once a written notice-to-proceed has been given by the Board of Warren County Commissioners and a preconstruction meeting with the Warren County Engineer has been held. To accommodate the local farmer, the first day of construction is set to begin on or after May 31st, 2021.

Completion Time

All work shall be completed within 12 weeks after the written notice-to-proceed has been issued by the Board of Warren County Commissioners, a preconstruction meeting has been held, and construction has started. The contractor shall plan construction so that all work shall be completed and the road open on or prior to September 24th, 2021. Liquidated damages for non-completion beyond September 24th, 2021 or the 12 weeks shall follow the CMS 108.07. Once work has started it shall be expected that work will be performed every work day on the project in an expeditious manner until the project is complete unless of inclimate weather.

Working Restrictions

No work shall be done between 6:00 p.m Friday and 7:00 a.m. Monday or during holidays, unless approved by the County Engineer. In addition, night work of any type shall be strictly prohibited, unless approved by the County Engineer.

Payment of Work

Contractor Estimates shall not be submitted more than once a month to the County Engineer for work included in the Contract between the County Commissioners and the Contractor.

Retainage and Affidavits

The contractor shall provide the County Engineer with affidavits stating that all subcontractors and suppliers for this project have been paid in full in accordance with CMS 109.08. A percentage of the original contract bid amount shall be retained on this project. Until 50% of the original contract has been performed, 8% of the amount of work performed will be retained. Once 50% of the contract has been performed and thereafter, a total of 4% of the original contract bid amount will be retained. The entire retainage will be released to the Contractor after the final inspection has been performed, after the County Engineer has accepted the construction, and after all affidavits have been submitted to the County Engineer by the Contractor.

Change Orders

No change orders involving performance or nonperformance contract quantities of project materials shall be processed without direct approval by the Warren County Engineer.

Storage of Construction Materials

The Contractor shall obtain prior approval of the Owner and/or Engineer for the locations to be used for the temporary storage of construction materials, tools, and/or machinery. All such materials, tools, and machinery shall be neatly and compactly piled in such a manner as to cause the least inconvenience to the property owners and to traffic. Under no circumstances shall existing drainage courses be blocked or water hydrants, valves, or meter pits covered. Per the local farmer, no material or equipment is allowed in the farm fields.

Protection of Areas Outside of Work Limits

The Contractor shall be responsible for the protection of areas outside of the designated work limits, but which may be adjacent to those work limits. This will include those areas used by construction traffic for access to and from the work areas. Where the Engineer determines that the Contractor's operations have been responsible for damage to areas outside of the work limits, the Contractor shall be responsible for the repair of the area subject to the approval of the Engineer. No additional compensation will be due to the Contractor for any repair of these areas. Per the local farmer, no material or equipment is allowed in the farm fields.

Debris Removal

The Contractor shall be responsible for removal from the site of all construction debris material. All debris material shall be disposed of in a proper manner and shall be as directed by any applicable local, state or federal regulations. Contractor shall take precautions to avoid any demolition debris from entering the stream. Any material that does fall into the stream shall be removed as soon as possible.

Debris Containment

The Contractor shall prevent all material, bridge sealers, and other construction debris from falling into the stream during the entire project. Any material which falls into the stream shall be removed immediately.

Utility Notification

The Contractor shall notify at least 48 hours before breaking ground all public and/or private service corporation having wires, poles, conduits, manholes, or other structures that may be affected by the construction on this project, including all structures which are affected and not shown on the plans. Owners of underground utilities, which are members of OUPS, can be notified by calling 1-800-362-2764. Non-member underground utility owners must be called directly.

Utility Adjustments and Verification

The Contractor shall adjust to proposed grade all existing utility facilities, i.e. manholes, catch basins, valves, boxes, etc., prior to the commencement of paving operation. This shall include utility facilities, not shown on the plan, which may be found to be located within the pavement area. Work performed on the utility facilities shall be in strict accordance with the specifications of the applicable utility owner and shall be performed under the direction, supervision and inspection of said owner.

The contractor shall take precaution while excavating near existing utilities. If necessary, the contractor shall hand dig in areas near an existing utility. The Contractor shall hold Warren County harmless of liabilities which may arise from the damaging of existing utilities. The payment for hand digging in areas near existing utilities shall be paid for under the unit bid price for the pertinent item.

Existing Pipe

The location, size, type and depth of all existing pipe are shown as according to the best information. The Engineer will not be responsible for any variations found during construction. Where the plans provide for conduit to be connected to, or to cross either over or under, or close to an existing underground structure, it shall be the responsibility of the Contractor to locate the existing structure, both as to line and grade, before he starts to lay the proposed conduit, in order to assure compatibility of line and grade of the proposed conduit. Payment for all operations described above shall be included in the unit price bid for the pertinent conduit item.

Maintenance of Sewer Flows

The Contractor shall conduct his operations so as to maintain at all times storm water and sewer flows through existing facilities to remain in place and through existing facilities to be replaced until new facilities are completed and placed in use.

Testing of Construction Materials

The Engineer may select a testing firm for this project. The Engineer will notify the Contractor of the selected firm. The Engineer shall be responsible for the costs incurred in the testing of the construction materials both on site and at the plant. However, the Contractor shall note that they will be responsible for any and all costs incurred by the scheduling and/or rescheduling of the testing firm's activities by the Contractor and the subsequent delay and/or cancellation of said activities due to the delay and/or cancellation of the scheduled construction by the Contractor.

Item 201 - Clearing and Grubbing

Although there are no trees or stumps specifically marked for removal within the limits of the project, a Lump Sum quantity is included in the bid proposal for Item 201 Clearing and Grubbing. Any necessary clearing and grubbing within the limits of construction, except such objects as are to remain or are to be removed in accordance with other sections of these

specifications shall be the responsibility of the Contractor. The Contractor shall keep clearing to a minimum removing only what is necessary to complete construction. It is anticipated that the Contractor will need to perform some tree trimming around the bridge for the crane work. There is an oak tree on the south east side of the bridge. We ask that you trim as little as possible on this tree. Payment for the work listed above shall be included in the Lump Sum bid price for Item 201 Clearing and Grubbing.

<u>Item 202 – Removals</u>

This work shall consist of the removal, wholly or in part, and satisfactory disposal of all buildings, fences, guardrails, structures, old pavements, abandoned pipe lines, storage tanks, septic tanks, privy vaults, and any other obstructions which are not designated or permitted to remain, except for the obstructions to be removed and disposed of under other items in the contract. It shall also include the salvaging of designated materials and backfilling the resulting trenches, holes, and pits.

Item 202 - Portions of Structure Removed, Over 20 Foot Span, As Per Plan

The Contractor shall be responsible for all the equipment, materials, and labor necessary in the removal of the bridge rail, concrete box beams, and portions of the reinforced concrete abutments as detailed in the plans. The Contractor shall take into consideration the deterioration and condition of the existing concrete box beams when planning means and methods of removing asphalt wearing surface. The bridge is currently posted for reduced weights based on number of axels per vehicle. The Contractor shall perform the work carefully during the removal to protect portions of the bridge that are to be salvaged and incorporated into the proposed structure. The Contractor shall replace or repair all items that are damaged by the removal operations at no cost to Warren County. Payment for the work listed above shall be included in the Lump Sum bid price for Item 202 Portions of Structure Removed, Over 20 Foot Span, As Per Plan.

Item 203 - Excavation including Pavement Removal

All excavation work shall comply with Item 203 Excavation in the 2019 ODOT Construction and Materials Specifications. Payment for the excavation work including the existing asphalt pavement removal and saw cutting, as detailed in the plans shall be included in bid price per CY for Item 203 Excavation including Pavement Removal. The Contractor shall saw cut the pavement areas before removing to obtain a uniform edge.

Existing Bridge Shop Drawings

The Warren County Engineer can provide the existing bridge concrete box beam shop drawings to the Contractor at their request.

<u>Item 254 – Pavement Planing</u>

This work shall conform to the 2019 Ohio Department of Transportation Construction and Material Specifications and shall be completed as directed by the Engineer. A butt joint shall be constructed at each start/stop locations. Each butt joint shall provide a smooth transition and shall also be properly sealed. The Contractor shall be responsible for removing and disposing of the cuttings. The cost of this work shall be paid for at the unit price bid per SY of Item 254 Pavement Planing.

Item 304 – Aggregate Base

Where areas are in need of roadway fill due to excavation for structure removal and substructure construction, Item 304 Aggregate Base shall be used as directed by the Engineer. Item 304 Aggregate Base shall be placed and compacted in the excavated areas in compliance with section 304.05 of the ODOT Construction and Material Specifications. Payment for this work shall be included in the bid price per CY for Item 304 Aggregate Base.

Item 407 - Tack Coat

Item 407 Tack Coat shall be applied at a rate of 0.10 gallon per square yard as directed by the Engineer. The application of the tack coat shall be applied to the entire width of the roadway immediately prior to the paving operation. Payment for the work listed above shall be included in the bid price per Gallon for Item 407 Tack Coat.

Asphalt Concrete

All material furnished and work performed shall conform to the 2019 Ohio Department of Transportation Construction and Material Specifications (ODOT CMS) for Item 301 Asphalt Concrete Base, Item 441 Asphalt Concrete Surface Course, and Item 441 Asphalt Concrete Intermediate Course.

The Contractor shall supply the County Engineer with a weigh ticket for each load of material placed. Periodic asphalt samples will be obtained for test purposes and an independent testing laboratory will perform tests.

No material shall be placed upon collected water. Asphalt surfaces shall be clear of dirt and debris prior to the placing of each subsequent lift. The Contractor shall adhere to the judgment of the Warren County Engineer's designated representatives.

The Contractor's attention is directed to Section 401.14 of the ODOT Specifications and he is hereby instructed that requirements for preparation of asphalt pavement to be resurfaced will be adhered to, and cost of any and all cleaning is to be included in the unit price bid for Item 301 and Item 441.

<u>Butt Joints</u> - A butt joint shall be constructed by grinding/planing existing pavement at each start/stop location. All grinding/ planing shall be in accordance with Item 254 Pavement Planing. The butt joints shall be constructed by grinding/planing the existing pavement for a length of 6

feet, varying in depth from 2" to 0". The newly formed joint shall be properly installed so as to provide a smooth transition and shall also be properly sealed. The cost of constructing each butt joint by pavement planing/grinding shall be included and paid for in Item 441 Asphalt Concrete Surface Course.

Item 503 - Unclassified Excavation

The Contractor shall be responsible for all the labor and equipment necessary in excavating the roadway material behind the existing concrete abutments for removal of portions of the existing bridge and for construction of the new bridge structure. Payment for the work listed above shall be included in the Lump Sum bid price for Item 503 Unclassified Excavation.

Item 511 - Class QC 1 Concrete, Abutment

The Contractor shall be responsible for all the labor and material necessary in constructing the abutments as detailed in the plans. Concrete shall meet all requirements of Item 511 Concrete for Structures. Concrete shall be Class "QC 1" (28 day compressive strength = 4000 psi). The Contractor shall follow section 499.03 for concrete slump. Payment for the work listed above shall be included in the bid price per CY for Item 511 Class QC 1 Concrete, Abutment.

Item 511 - Class QC 2 Concrete, Superstructure

The Contractor shall be responsible for all the labor and material necessary in constructing the concrete superstructure as detailed in the plans. Concrete shall meet all requirements of Item 511 Concrete for Structures. Concrete shall be Class "QC 2" (28 day compressive strength = 4500 psi). A corrosion inhibitor admixture per ODOT Specification 515.15 shall be added to the concrete mix at the dosage recommended by the manufacturer. Contractor shall follow section 499.03 for concrete slump, section 511.14 for time duration of removing false work and opening to traffic, and section 511.17 for sawing grooves into the concrete deck. Payment for the work listed above including the expanded polystyrene filler shall be included in the bid price per CY for Item 511 Class QC 2 Concrete, Superstructure.

Item 512 - Sealing of Concrete Surfaces (Epoxy Urethane)

The Contractor shall seal portions of the concrete box beams and concrete bridge deck as detailed in the plans as well as all exposed portions of the concrete stub abutments with an epoxy urethane sealant after the concrete has cured. The sealing of concrete surfaces shall be in accordance with section 512.03. The Contractor shall take precautions to keep spillage and overspray from entering the stream. The color of the sealant shall be FED# 36492 (gray) or approved equal. Payment for the work listed above shall be included in the bid price per SY for Item 512 Sealing of Concrete Surfaces (Epoxy Urethane).

Item 512 - Treating of Concrete Bridge Deck with SRS

The Contractor shall treat the portion of the concrete bridge deck as detailed in the plans with a soluble reactive silicate sealer after the concrete has cured. The sealing of concrete surfaces shall be in accordance with section 512.05. The Contractor shall take precautions to keep spillage and overspray from entering the stream. The Contractor shall flush the concrete bridge deck with water after the application has had time to dry (see manufacture's recommendation) prior to striping or opening to traffic. Payment for the work listed above shall be included in the price bid per SY for Item 512 Treating of Concrete Bridge Deck with SRS.

Item 515 - Prestressed Concrete Composite Box Beam Bridge Members, Level 1, CB21-48

The Contractor shall be responsible for all the equipment, materials, and labor necessary in setting the six (6) – CB 21" x 48", Prestressed Concrete Box Beam Members. The beams shall conform to the details in the plan set as well as meet the current specifications set forth in the "State of Ohio Department of Transportation Construction and Material Specifications" for Item 515 and Standard Drawings PSBD-2-07 (sheets 1-4) dated 1-21-11. Shop drawings shall be submitted to Dominic Brigano, Warren County Engineer's Office, 210 W. Main Street, Lebanon, Ohio 45036 (Dominic Brigano@co.warren.oh.us) for review and approval. Payment for the work listed above shall be included in the bid price per Each for Item 515 Prestressed Concrete Composite Box Beam Bridge Members, Level 1, CB21-48.

Item 518 - Special - Steel Drip Strip

The Contractor shall install steel drip strips on both sides of the bridge for the entire length per ODOT Standard Drawing DS-1-92. This work shall include the separate guardrail pieces. Payment for the work listed above shall be included in the bid price per FT for Item 518 Special - Steel Drip Strip.

Item 614 - Maintaining Traffic

Traffic control shall be the sole responsibility of the Contractor. The County of Warren shall be held harmless from liabilities caused by improper traffic control by the Contractor. The contractor shall indemnify Warren County from any and all liabilities due to improper maintenance of traffic. All road construction signs shall also be the responsibility of the Contractor. All traffic control shall conform to the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) as well as the Ohio Department of Transportation Standards at all times.

Any devices that are determined by the Engineer to be substandard shall be repaired to the satisfaction of the Engineer or shall be immediately removed from the site and replaced with acceptable devices. Any temporary traffic control devices that are determined by the Engineer to become substandard during the course of the project shall be removed from the jobsite and immediately replaced by devices meeting the approval of the Engineer.

The Contractor shall provide and maintain all signs, barricades, labor, flagmen, steel plates, etc. for all work on this project. The Contractor shall notify the Warren County Engineer two (2)

weeks prior to any road closure. The Contractor shall provide a minimum of two (2) Type III Barricades on each end of the closed section of Springboro Road. The barricades shall be chain linked together and fixed to the ground or some other object overnight. The Contractor shall maintain access to all driveways in the work area for the duration of the project. The Contractor shall provide alternatives to garbage collection services and emergency rescue services for all residents within the closed portions of roadway during the road closures. Any conflicting markings shall be removed or covered in accordance with Item 614.

Two notice of road closure signs shall be erected by the Contractor two weeks in advance of the road closure. The signs shall be erected on the right hand side of the road facing traffic and shall be located in the field so as not to interfere with any permanent signs. The notice of closure signs shall be W20-H13-60 signs and shall state the following......SPRINGBORO ROAD WILL BE CLOSED FOR 12 WEEKS STARTING (EXACT CLOSURE DATE). Methods of maintaining traffic shall conform to the Manual of Uniform Traffic Control Devices and Item 614 of the ODOT Specifications. Payment for the work listed above shall be included in the Lump Sum price bid for Item 614 Maintaining Traffic.

Item 623 - Construction Layout Stakes and Surveying

All centerline of survey and property corner monumentation that is disturbed during construction shall be reset by a Professional Surveyor. Payment for the construction layout and work listed above shall be included in the Lump Sum bid price for Item 623 Construction Layout Stakes.

Pavement Marking

All pavement marking material and work shall comply with Item 641 Pavement Marking-General, Item 642 Traffic Paint, Type 1, and Item 646 Epoxy Pavement Marking in the 2019 ODOT Construction and Materials Specifications.

Item 832 - Erosion Control

The Contractor shall furnish and install temporary sediment and erosion control best management practices required prior to any earth disturbing activity in accordance with Supplemental Specification 832. All pollution prevention measures must be maintained for the duration of construction. The Contractor shall remove all best management practices before the project is accepted. Payment for this work shall be included in the bid price per Each for Item 832 Erosion Control. This price is standard for all bidders, set at \$1.00 Each for a total of \$2,500.00.

INVITATION TO BIDDERS

Separate sealed bids for the Springboro Road Bridge #41-2.49 Rehabilitation Project will be received by the Warren County Board of Commissioners at the Office of the Warren County Commissioners, 406 Justice Drive, Lebanon, Ohio 45036, until 9:00 a.m., March 2, 2021, and then at said time publicly opened and read aloud.

Bid documents and specifications are available online at the Warren County's Website at www.co.warren.oh.us/commissioners/bids. Questions regarding the technical specifications should be directed to Dominic Brigano, Warren County Engineer's Office, at (513) 695-3313. Each contractor shall be ODOT prequalified. Each bid shall contain the full name of each person or company submitting the bid and be accompanied by a bid bond for the full amount of the bid or a certified check in the amount equal to ten (10) percent of the bid.

To access bid project information, under the "Your Government" heading click on the "Board of Commissioners" tab, then click on the "Bid Projects" tab and choose the project you wish to obtain information about. Please contact the Warren County Commissioners Office at (513) 695-1250 if you have trouble with this procedure or if you need additional information on accessing bid project information on our website.

If the contractor would like to bid the project, they must contact <u>Kiana.Hawk@co.warren.oh.us</u> to be put on the bidders list. Please be aware that if you are downloading this document to bid this project, addendums to the scope may be issued prior to the bid date. In order to stay updated on any change, please email Kiana Hawk in the Commissioners' Office at <u>Kiana.Hawk@co.warren.oh.us</u> with your contact information.

A Bid guaranty, as required by Ohio Revised Code, Section 153.54, shall accompany each proposal submitted, as follows:

1. A Certified check, cashiers check, or letter of credit equal to ten (10) percent of the bid. A letter of credit may only be revocable by the Owner. Upon entering into a contract with the Owner, the contractor must file a performance bond for the amount of the contract, and the bid guaranty will then be returned to the successful and unsuccessful bidders upon contract execution.

OR

2. A form of bid guaranty bond (attached) for the full amount of the bid. Such bond is retained for the successful bidder, but returned to unsuccessful bidders after the contract is executed.Attention of bidders is called to all of the requirements contained in the bid packet. No bidder may withdraw his/her bid within sixty (60) days after the actual date of the opening thereof. All bids shall be properly signed by an authorized representative of the bidder.

All bids shall be sealed and plainly marked "Bid Opening – SPRINGBORO ROAD BRIDGE #41-2.49 REHABILITATION PROJECT, MARCH 2, 2021 @ 9:00 A.M."

Warren County reserves the right to reject any or all bids submitted, to waive any irregularities in bids, and enter into a contract with the Bidder who in Warren County's consideration offered the lowest and best bid.

By order of the Board of County Commissioners, County of Warren, State of Ohio.

Tina Osborne,	Clerk	