



**BOARD OF COUNTY COMMISSIONERS**  
**WARREN COUNTY, OHIO**

406 Justice Drive, Lebanon, Ohio 45036

[www.co.warren.oh.us](http://www.co.warren.oh.us)

[commissioners@warrencountyohio.gov](mailto:commissioners@warrencountyohio.gov)

Telephone (513) 695-1250

Facsimile (513) 695-2054



SHANNON JONES  
DAVID G. YOUNG  
TOM GROSSMANN

**ENTERING INTO CONTRACT WITH FORD DEVELOPMENT CORPORATION FOR THE MASON MORROW MILLGROVE ROAD BRIDGE #38-0.37 REPLACEMENT PROJECT**

WHEREAS, pursuant to Resolution #25-0077, adopted January 21, 2025, this Board approved a Notice of Intent to Award Contract for the Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project to Ford Development Corporation, for a total contract price of \$2,083,092.70; and

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

NOW THEREFORE BE IT RESOLVED, to enter into contract with Ford Development Corporation, 11148 Woodward Lane, Cincinnati, Ohio 45241, for a total bid price of \$2,083,092.70; as attached hereto and made a part hereof.

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

Mr. Grossmann – yea

Mr. Young – yea

Mrs. Jones – yea

Resolution adopted this 11<sup>th</sup> day of February 2025.

BOARD OF COUNTY COMMISSIONERS

---

Krystal Powell, Clerk

KP

cc: c/a— Ford Development Corporation  
Engineer (file)  
OMB Bid file



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**SHANNON JONES  
DAVID G. YOUNG  
TOM GROSSMANN**

**APPROVING NOTICE OF INTENT TO AWARD BID TO FORD DEVELOPMENT CORPORATION FOR THE MASON MORROW MILLGROVE ROAD BRIDGE #38-0.37 REPLACEMENT PROJECT**

WHEREAS, bids were closed at 10:30 a.m., on January 21, 2025, and the bids received were opened and read aloud for the Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project, and the results are on file in the Commissioners' Office; and

WHEREAS, upon review of such bids by Roy Henson, Bridge Engineer, Ford Development Corporation has been determined to be the lowest and best bidder.

NOW THEREFORE BE IT RESOLVED, upon recommendation of the Warren County Engineer, that it is the intent of this Board to award the contract to Ford Development Corporation, 11148 Woodward Lane, Cincinnati, Ohio 45241, for a total bid price of \$2,083,092.70; and

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

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

Mr. Grossmann – absent

Mrs. Jones – yea

Mr. Young – yea

Resolution adopted this 21<sup>st</sup> day of January 2025.

**BOARD OF COUNTY COMMISSIONERS**

---

Krystal Powell, Clerk

cc: Engineer (file)  
OMB Bid file





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***TOM GROSSMANN  
SHANNON JONES  
DAVID G. YOUNG***

**BID OPENING**

January 14, 2025

**BID OPENING – MASON MORROW MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT**

Bids were closed at 10:30 a.m. this 14<sup>th</sup> day of January and the following bids were received, opened, and read aloud for Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project for the Warren County Engineer's Office.

KT Holden Construction Lebanon, Ohio	\$2,214,760.80
Eagle Bridge Sidney, Ohio	\$2,615,819.40
Brumbaugh Construction Arcanum, Ohio	\$2,140,000.00
Ford Development Corp. Cincinnati, Ohio	\$2,083,092.72
Sunesis Construction West Chester, Ohio	\$2,522,319.53
John R. Jurgensen Cincinnati, Ohio	\$2,424,540.56

Roy Henson, Bridge Engineer, will review bids for a recommendation at a later date.

cc: Bid File

OMB

Engineer (file)



January 8, 2025

**Re: Addendum No. 1 – Mason-Morrow-Millgrove Road Bridge #38-0.37 Replacement Project**

Dear Prospective Bidder:

Listed below is Addendum No. 1 for the referenced project. Please note the following clarifications/modifications to be included in your bid price. The bid opening for this project will remain as scheduled on Tuesday, January 14, 2025, at 10:30 am at the Warren County Commissioners, 406 Justice Drive, Lebanon, Ohio 45036.

**ADDENDUM NO. 1**

**1. Clarification/Modification: (Plan)**

The diaphragm guide as detailed on sheet 22 only shows a rub plate on the Beam 2 side, per the ODOT Standard Drawing SICD-2-14, on bridges without skew, rub plates shall be installed on both sides of the diaphragm guide. Adjust unit bid price of Item 511 Semi-integral Diaphragm Guide, As Per Plan to include rub plates on the Beam 2 and 3 sides.

**2. Provided: (Bid Proposal)**

An electronic bid proposal unit cost spreadsheet is attached to this Addendum No. 1 email. The bidder may use the provided spreadsheet in creating an electronic unit cost Bid Proposal to include in the bid or complete by hand if preferred. Both methods of completing the unit cost Bid Proposal shall be accepted. The original electronic bid proposal spreadsheet that was shared with a group of potential bidders a few days prior to advertisement has been updated. The City of Mason decided to remove bid Item 607 Fence, Temporary Snow, As Per Proposal Note 1,300 FT and replace it with Item 607 Fence, Temporary Chain Link, As Per Proposal Note 1,170 FT.

**3. Clarification/Modification: (Bid Proposal)**

The quantity for Item 202 Fence Removed and Replaced, As Per Plan has been increased from 1,203 FT to 1,233 FT. A revised bid proposal is part of this addendum. Please remove and discard the original bid proposal that was included with the bid documents.

**4. Clarification/Modification: (Plan)**

Replace the current plan note for Item 202 Fence Removed and Replaced, As Per Plan with the follow plan note:

“THE EXISTING FENCE FRONTING MASON-MORROW-MILLGROVE ROAD SHALL BE REMOVED AND REPLACED AS DETAILED IN THE PLANS. THE EXISTING PANELS, POSTS, AND FOUNDATIONS SHALL BE REMOVED AND DISPOSED. NEW PANELS AND POSTS SHALL BE ORDERED AND INSTALLED WITH NEW CONCRETE FOUNDATIONS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. MATERIALS NEEDED FROM THE MANUFACTURER (AMERISTAR) TO COMPLETE THE WORK, SHALL MEET THE FOLLOWING SPECIFICATIONS:

**WARREN COUNTY ENGINEER'S OFFICE**

ADMINISTRATION and ENGINEERING  
210 W Main St. Lebanon, OH 45036  
Telephone (513) 695-3301 Fax (513) 695-7714

HIGHWAY MAINTENANCE, PERMITS, and INSPECTION  
105 Markey Rd. Lebanon, OH 45036  
Telephone (513) 695-3336 Fax (513) 695-3323

STYLE: MONTAGE II, CLASSIC, FOUR RAIL PANELS, FLUSH BOTTOM  
COLOR: BLACK  
DIMENSIONS: FENCE HEIGHT = 8 FT, POST SPACING = 8 FEET ONCENTER, PICKET  
SPACING =  $3 \frac{15}{16}$  INCHES ON CENTER  
PICKET TOPS: EXTENDED WITH ARROW-POINTED SPEARS

MANUFACTURER INFO: 1555 N. MINGO, TULSA OK. 74116  
(888) 333-3422

ALL LABOR, EQUIPMENT AND MATERIALS NEEDED TO COMPLETE THE ABOVE  
DESCRIBED WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202 –  
FENCE REMOVED AND REPLACED, AS PER PLAN”

Addendum No. 1 shall be signed and included with the submission of the bid. Please sign below and enter the date you received this addendum. **Any bid submitted without the signed Addendum No. 1 shall be rejected.** If you have any questions, please call me at 513-695-3310.

Sincerely,

Kurt E. Weber, P.E., P.S.  
WARREN COUNTY ENGINEER



Roy G. Henson, P.E., P.S.  
Chief Deputy Engineer

cc: file

\_\_\_\_\_  
Received by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

\_\_\_\_\_  
Date

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
<b>BRIDGE REPLACEMENT ITEMS</b>					
<b>ROADWAY</b>					
201	Clearing and Grubbing, As Per Proposal Note	1	Lump		
202	Pavement Removed	1,851	SY		
202	Guardrail Removed	645	FT		
203	Excavation	460	CY		
203	Embankment	772	CY		
606	Guardrail, Type MGS	62.5	FT		
606	Anchor Assembly, MGS Type E	2	Each		
606	Anchor Assembly, MGS Type T	2	Each		
606	MGS Bridge Terminal Assembly, Type 1	2	Each		
606	MGS Bridge Terminal Assembly, Type 1, As Per Plan	1	Each		
606	MGS Bridge Terminal Assembly, Type 2	1	Each		
609	Curb, Type 4-C	19	FT		
609	Curb, Type 6	26	FT		
				<b>Sub-Total =</b>	
<b>EROSION CONTROL</b>					
601	Rock Channel Protection, Type A With Filter	222	CY		
601	Rock Channel Protection, Type C With Filter	2	CY		
659	Topsoil	143	CY		
659	Seeding and Mulching	1,287	SY		
659	Commercial Fertilizer	0.17	Ton		
659	Lime	0.27	Acre		
659	Water	7	MGAL		
670	Ditch Erosion Protection, Type B	36	SY		
832	Erosion Control, As Per Proposal Note	2,500	Each	\$ 1.00	\$ 2,500.00
				<b>Sub-Total =</b>	
<b>DRAINAGE</b>					
602	Concrete Masonry	0.54	CY		
605	6" Shallow Pipe Underdrains	173	FT		
611	12" Conduit, Type B	37	FT		
611	12" Conduit, Type C	31	FT		
611	6" Conduit, Type F For Underdrain Outlets	45	FT		

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
611	18" Conduit, Type C	69	FT		
611	Catch Basin, No. 3A	1	Each		
611	Catch Basin, No. 2-2B	2	Each		
611	Precast Reinforced Concrete Outlet	4	Each		
				<b>Sub-Total =</b>	
	<b>PAVEMENT</b>				
204	Subgrade Compaction	1,804	SY		
204	Proof Rolling	1	Hour		
252	Full Depth Pavement Sawing	78	FT		
301	Asphalt Concrete Base, PG64-22, (449)	331	CY		
304	Aggregate Base	286	CY		
407	Non-Tacking Tack Coat, As Per Proposal Note	175	GAL		
441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	14	CY		
442	Asphalt Concrete Intermediate Course, 19mm, Type A (449)	73	CY		
826	Asphalt Concrete Surface Course, 442 12.5mm, (449) Fiber Type C	63	CY		
				<b>Sub-Total =</b>	
	<b>TRAFFIC CONTROL</b>				
626	Barrier Reflector, Type 2	10	Each		
630	Removal of Ground Mounted Sign and Storage	2	Each		
630	Removal of Ground Mounted Sign and Reerection	1	Each		
630	Removal of Ground Mounted Post Support and Disposal	2	Each		
630	Removal of Ground Mounted Post Support and Reerection	1	Each		
630	Ohio Public Works Commission Standard Sign, As Per Proposal Note	1	Each		
644	Lane Arrow, Type 1	2	Each		
644	Edge Line, 4"	0.169	Mile		
644	Center Line	0.084	Mile		
646	Edge Line, 4"	0.048	Mile		
646	Center Line	0.024	Mile		
644	Channelizing Line, 8"	72	FT		
				<b>Sub-Total =</b>	
	<b>BRIDGE</b>				
202	Portions of Structure Removed, Over 20 Foot Span, As Per Plan	1	Lump		

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>
202	Wearing Course Removed	192	SY		
503	Cofferdams and Excavating Bracing	1	Lump		
503	Unclassified Excavation, As Per Plan	1	Lump		
509	Epoxy Coated Steel Reinforcement	42,400	Pound		
511	Class QC2 Concrete, Superstructure, As Per Proposal Note	46	CY		
511	Semi-Integral Diaphragm Guide, As Per Plan	2	Each		
511	Class QC2 Concrete, Bridge Deck, As Per Proposal Note	121	CY		
511	Class QC1 Concrete, Abutment Including Footing, As Per Proposal Note	114	CY		
511	Class QC2 Concrete, Sidewalk, As Per Proposal Note	37	CY		
511	Class QC1 Concrete, Misc.: (Paved Gutter)	4	CY		
512	Sealing of Concrete Surfaces (Non-Epoxy)	180	SY		
512	Sealing of Concrete Surfaces (Epoxy-Urethane), As Per Proposal Note	390	SY		
512	Treating of Concrete Bridge Deck With SRS, As Per Proposal Note	398	SY		
515	Draped Strand Prestressed Concrete Bridge I-Beam Members, Level 3, Type WF42-49 (86'-8" Length), As Per Proposal Note	5	Each		
515	Intermediate Diaphragms	12	Each		
516	1" Preforced Expansion Joint Filler	27	SF		
516	2" Preforced Expansion Joint Filler	29	SF		
516	Semi-Integral Abutment Expansion Joint Seal	120	FT		
516	Elastomeric Bearing With Internal Laminates and Load Plate (Neoprene), As Per Plan (2 9/16" x 2'-4" x 10" With W-Section)	10	Each		
517	Railing (Twin Steel Tube)	92	FT		
517	Railing (Concrete Parapet With Twin Steel Tube Railing)	128	FT		
518	Porous Backfill With Geotextile Fabric	81	CY		
518	Special - Steel Drip Strip, As Per Proposal Note	101	FT		
518	6" Perforated Corrugated Plastic Pipe	106	FT		
518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	37	FT		
524	Drilled Shafts, 30" Diameter, Into Bedrock	96	FT		
524	Drilled Shafts, 36" Diameter, Above Bedrock	185	FT		
524	Drilled Shafts, Misc.: Coring, As Per Plan	3	Each		
526	Reinforced Concrete Approach Slabs (T=13"), As Per Plan	183	SY		
				<b>Sub-Total =</b>	
	<b>MISCELLANEOUS</b>				
614	Maintaining Traffic, As Per Proposal Note	1	Lump		

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
623	Construction Layout Stakes and Surveying, As Per Proposal Note	1	Lump		
624	Mobilization	1	Lump		
				<b>Sub-Total =</b>	
				<b>Bridge Replacement Total =</b>	
<b>SHARED USE PATH ITEMS</b>					
	<b>ROADWAY</b>				
201	Clearing and Grubbing	1	Lump		
202	Fence Removed and Replaced, As Per Plan	1,233	FT		
202	Brick Pillar Removed, As Per Plan	2	Each		
202	Mailbox Removed	1	Each		
203	Excavation	634	CY		
203	Embankment	416	CY		
204	Subgrade Compaction	1,962	SY		
204	Proof Rolling	1	Hour		
601	Dumped Rock Fill, Misc.: Washed River Stone Bed	73	CY		
607	Fence, Temporary Chain Link, As Per Proposal Note	1,170	FT		
611	Manhole Adjusted To Grade	1	Each		
638	Valve Box Adjusted To Grade	1	Each		
SPEC	Special - Mailbox Support System, Single	1	Each		
				<b>Sub-Total =</b>	
	<b>EROSION CONTROL</b>				
659	Topsoil	417	CY		
659	Seeding and Mulching	3,748	SY		
659	Repair Seeding and Mulching	187	SY		
659	Inter-Seeding	187	SY		
659	Commercial Fertilizer	0.51	Ton		
659	Lime	0.77	Acre		
659	Water	21	MGAL		
670	Ditch Erosion Protection	724	SY		
832	Storm Water Pollution Prevention Plan	1	Lump		
832	Erosion Control, As Per Proposal Note	5,000	Each	\$ 1.00	\$ 5,000.00
				<b>Sub-Total =</b>	

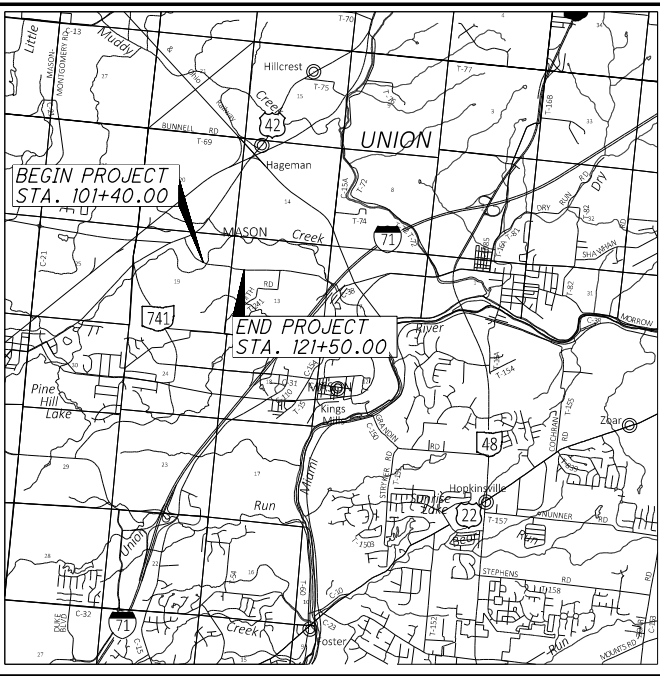


**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
	<b>DRAINAGE</b>				
601	Tied Concrete Block Mat With Type 1 Underlayment	2	SY		
605	4" Base Pipe Underdrain	1,608	FT		
611	6" Conduit, Type F for Underdrain Outlets	86	FT		
611	12" Conduit, Type B	94	FT		
611	Catch Basin, No. 2-2B	1	Each		
611	Precast Reinforced Concrete Outlet	2	Each		
				<b>Sub-Total =</b>	
	<b>PAVEMENT</b>				
301	Asphalt Concrete Base, PG64-22, (449)	199	CY		
304	Aggregate Base	218	CY		
407	Non-Tacking Tack Coat, As Per Proposal Note	179	GAL		
441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	100	CY		
				<b>Sub-Total =</b>	<b>\$ -</b>
	<b>TRAFFIC CONTROL</b>				
630	Ohio Public Works Commission Standard Sign, As Per Proposal Note	1	Each		
				<b>Sub-Total =</b>	<b>\$ -</b>
	<b>LANDSCAPING</b>				
661	Deciduous Tree	22	Each		
SPEC	Landscaping (Allowance)	25,000	Each	\$ 1.00	\$ 25,000.00
				<b>Sub-Total =</b>	
	<b>MISCELLANEOUS</b>				
614	Mobilization	1	Lump		
623	Construction Layout Stakes and Surveying, As Per Proposal Note	1	Lump		
SPEC	As-Built Drawings - Storm Only, As Per Proposal Note	1	Lump		
SPEC	Contingency (Shared Use Path), As Per Proposal Note	40,000	Each	\$ 1.00	\$ 40,000.00
				<b>Sub-Total =</b>	
				<b>Shared Use Path Total =</b>	

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

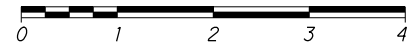
Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
<b>GCWW WATER MAIN ITEMS</b>					
	<b>WATER MAIN</b>				
638	Furnishing and Laying 12" Ductile Iron Pipe and Fittings	218	FT		
511	Concrete, Class "C"	57	CY		
203	Additional Excavation	5	CY		
203	Exploratory Excavation	5	CY		
509	Uncoated Steel Reinforcement	5,765	Pound		
602	Brick Masonry	1	CY		
Special	Sheeting and Bracing Ordered Left in Place	1	MFBM		
					<b>GCWW Water Main Total =</b>
					<b>Project Total =</b>



LOCATION MAP

LATITUDE: 39°22'27" LONGITUDE: 84°16'30"

SCALE IN MILES



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

DESIGN DESIGNATION

CURRENT ADT (2023)	5700
TRUCKS (24 HOUR B&C)	5%
DESIGN YEAR ADT (2043)	6771
DIRECTIONAL DISTRIBUTION	55%
DESIGN SPEED	35
LEGAL SPEED	35
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR (URBAN)	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

**UNDERGROUND UTILITIES**  
 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:



# WAR-CR38-00.37

## MASON-MORROW-MILLGROVE ROAD

### CITY OF MASON

### WARREN COUNTY

INDEX OF SHEETS:

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TRAFFIC CONTROL	15
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SHARED USE PATH	38-59

PROJECT DESCRIPTION

IMPROVEMENTS ALONG MASON-MORROW-MILLGROVE ROAD INCLUDE REPLACEMENT OF AN EXISTING STRUCTURE WITH A SINGLE SPAN BRIDGE ON DEEP FOUNDATIONS AND CONSTRUCTION OF A NEW SHARED USE PATH FROM MASON SPORTS PARK TO FAWN CROSSING DRIVE.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.30 ACRES  
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.25 ACRES  
 NOTICE OF INTENT EARTH DISTURBED AREA: 0.55 ACRES

2023 SPECIFICATIONS

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

ENGINEERS SEAL: FOR ROADWAY  SIGNED: _____ DATE: 7-9-2024	ENGINEERS SEAL: FOR SHARED USE PATH  SIGNED: _____ DATE: _____
ENGINEERS SEAL: FOR STRUCTURE  SIGNED: <i>Bradley M. Garrison</i> DATE: 7-9-2024	

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ WARREN COUNTY COMMISSIONER

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ WARREN COUNTY COMMISSIONER

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ WARREN COUNTY COMMISSIONER

APPROVED \_\_\_\_\_  
 DATE \_\_\_\_\_ WARREN COUNTY ENGINEER

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP - 3.1	REVISED 01/19/24	TC - 41.20	REVISED 10/18/13	800 1/19/24	
BP - 5.1	REVISED 07/15/22	TC - 42.20	REVISED 10/18/13	832 7/21/23	
MGS - 1.1	REVISED 07/16/21	TC - 52.10	REVISED 10/18/13		
MGS - 2.1	REVISED 01/19/18	TC - 52.20	REVISED 01/15/21		
MGS - 3.1	REVISED 01/19/18	MT - 101.60	REVISED 04/21/23		
MGS - 3.2	REVISED 01/18/13				
MGS - 4.2	REVISED 07/19/13	AS-1-15	REVISED 01/20/23		
RM - 1.1	REVISED 01/20/23	BR-2-15	REVISED 01/21/22		
RM - 5.2	REVISED 07/21/23	DS-1-92	REVISED 07/15/22		
HW - 2.1	REVISED 07/15/22	PSID-1-13	REVISED 01/20/23		
HW - 2.2	REVISED 07/20/18	TST-1-99	REVISED 01/15/21		
DM - 1.1	REVISED 07/17/20				
DM - 1.2	REVISED 07/16/21				
DM - 4.4	REVISED 01/15/16				
CB - 2-2ABC	REVISED 01/20/23				
CB - 3A	REVISED 07/16/21				

FEDERAL PROJECT NO.

PID NO.

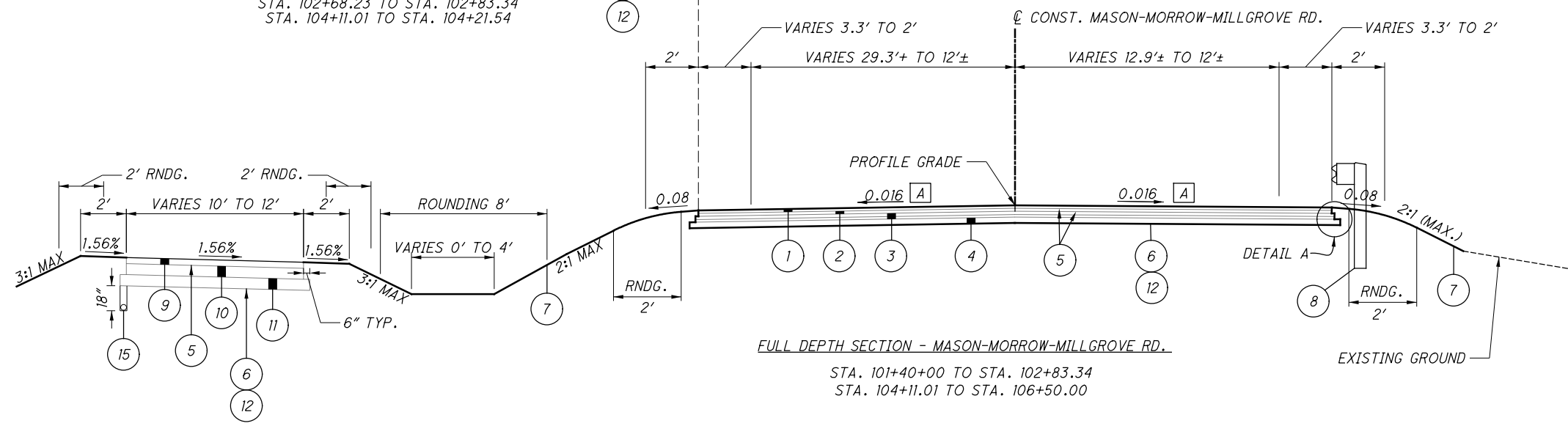
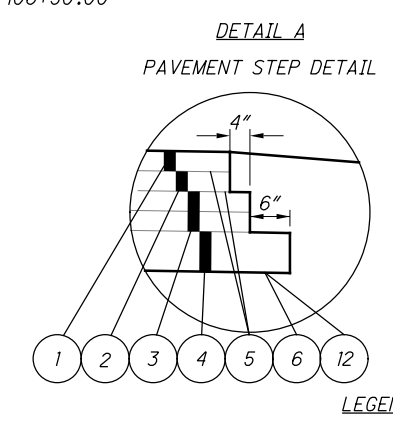
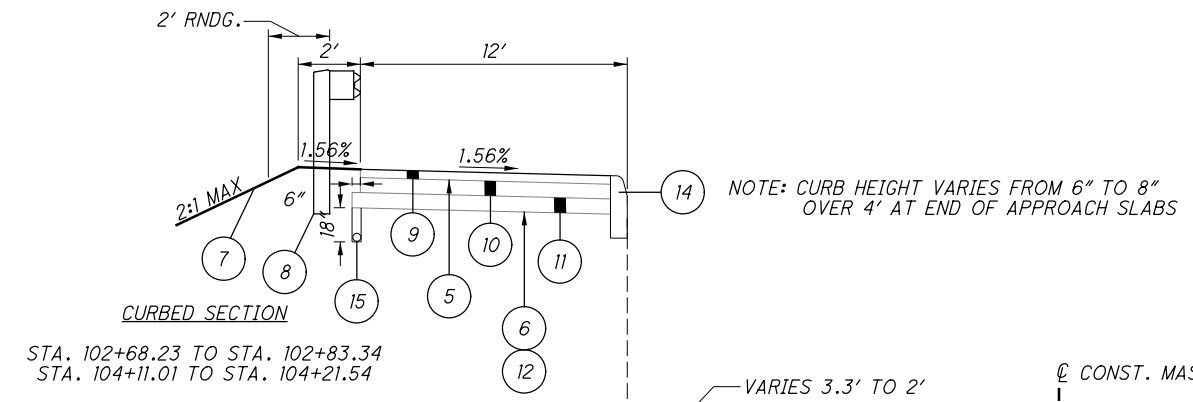
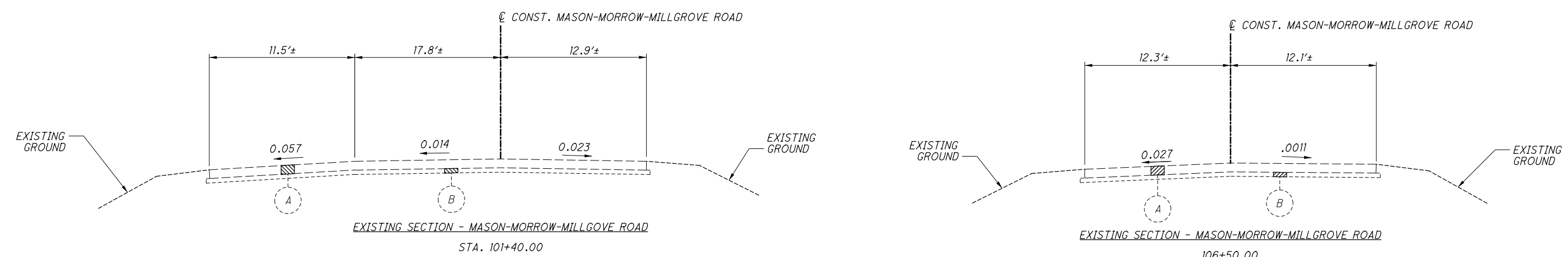
CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT

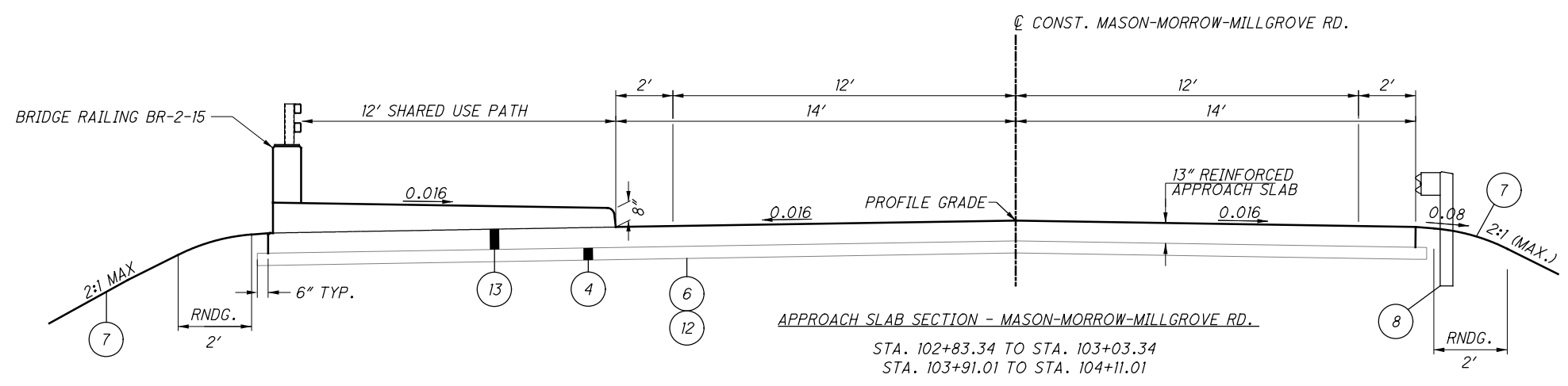
NONE

WAR - CR38 - 00.37

Z:\2022\221322\CAD\0D0T\221322\Design\Roadway\Sheets\221322\_G1001.dgn Sheet 7/9/2024 10:39:00 AM jpcarroll



- (A) 6-8" EXISTING ASPHALT PAVEMENT
- (B) 3-4" AGGREGATE BASE
- (1) ITEM 826 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 442 12.5MM, (448), FIBER TYPE C
- (2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 442 19MM, (448) TYPE A
- (3) ITEM 301 - 8" ASPHALT CONCRETE BASE, PG64-22 (2 LIFTS)
- (4) ITEM 304 - 6" AGGREGATE BASE
- (5) ITEM 407 - NON-TRACKING TACK COAT (0.10 GAL/SQ YD)
- (6) ITEM 204 - SUBGRADE COMPACTION
- (7) ITEM 659 - SEEDING AND MULCHING
- (8) ITEM 606 - GUARDRAIL, TYPE MGS
- (9) ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
- (10) ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22
- (11) ITEM 304 - 4" AGGREGATE BASE
- (12) ITEM 204 - PROOF ROLLING
- (13) ITEM 526 - 13" REINFORCED CONCRETE APPROACH SLAB
- (14) ITEM 609 - CURB, TYPE 6
- (15) ITEM 605 - 6" SHALLOW PIPE UNDERDRAIN
- [A] TRANSITION TO EXISTING CROSS SLOPES OVER 25' AT STA. 101+40.00 AND STA. 106+50.00



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**UTILITIES**

LISTED BELOW ARE ALL UTILITY OWNERS LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS:

**BRIGHTSPEED/LUMEN:**  
20 N MECHANICS ST.  
LEBANON, OH 45036  
JORDAN LANGSTON: 513-885-9444

**SPECTRUM:**  
10920 KENWOOD RD  
CINCINNATI, OH 45242  
KENT RIEGER: 513-386-5499, 513-233-5678 (MOBILE)

**DUKE GAS:**  
139 E. 4TH ST  
CINCINNATI, OH 45202  
MARK BRANSCOM: 513-287-2517

**GREATER CINCINNATI WATER WORKS:**  
4747 SPRING GROVE AVE  
CINCINNATI, OH 45232  
KYLE BUCKLEY: 513-591-7874

**CITY OF MASON:**  
6000 MASON-MONTGOMERY ROAD  
MASON, OH 45040  
STEVE HARTKE: 513-229-8520

**CINCINNATI BELL:**  
221 EAST 4TH STREET, BLDG 121-900  
CINCINNATI, OH 45202  
BRECK COWAN: 513-565-7187

**DUKE ELECTRIC**  
7600 COLERAIN AVE.  
CINCINNATI, OH 45027  
NICK HAMILTON: 513-514-8214

**AT&T TRANSMISSION:**  
5101 THATCHER RD.  
DOWNERS GROVE, IL 60515  
JASON STERENBURG: 708-240-9085

**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.

**SEEDING AND MULCHING**

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

ITEM 659, SEEDING AND MULCHING 1287 SY

ITEM 659, TOPSOIL 143 CY  
(1287 SY) X (111 CY / 1000 SY) = 142.857 CY

ITEM 659, LIME 0.27 ACRE  
(1287 SY) X (9 CY / 43560 SWFT) = 0.27 ACRE

ITEM 659, COMMERCIAL FERTILIZER 0.17 TON  
(1287 SY) X (1 TON / 7410 SY) = 0.17 TON

ITEM 659, WATER 7 MGAL  
(1287 SY) X (0.0054 MGAL / SY) = 6.95 MGAL

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

**ROUNDING**

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

**SURVEYING PARAMETERS**

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON THIS PROJECT. SEE THIS SHEET 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 CAPPED TRAVERSE POINTS

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88  
GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)  
ELLIPSOID: GRS80  
MAP PROJECTION: LAMBERT CONFORMAL CONIC  
COORDINATE SYSTEM: OHIO STATE PLANE SOUTH ZONE  
COMBINED SCALE FACTOR: 0.99990860 (GROUND TO GRID)  
ORIGIN OF COORDINATE SYSTEM: 0,0,0

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 CMS 623.

UNITS ARE IN U.S. SURVEY FEET

**CLEARING AND GRUBBING**

REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED:

6" X 1 TREES

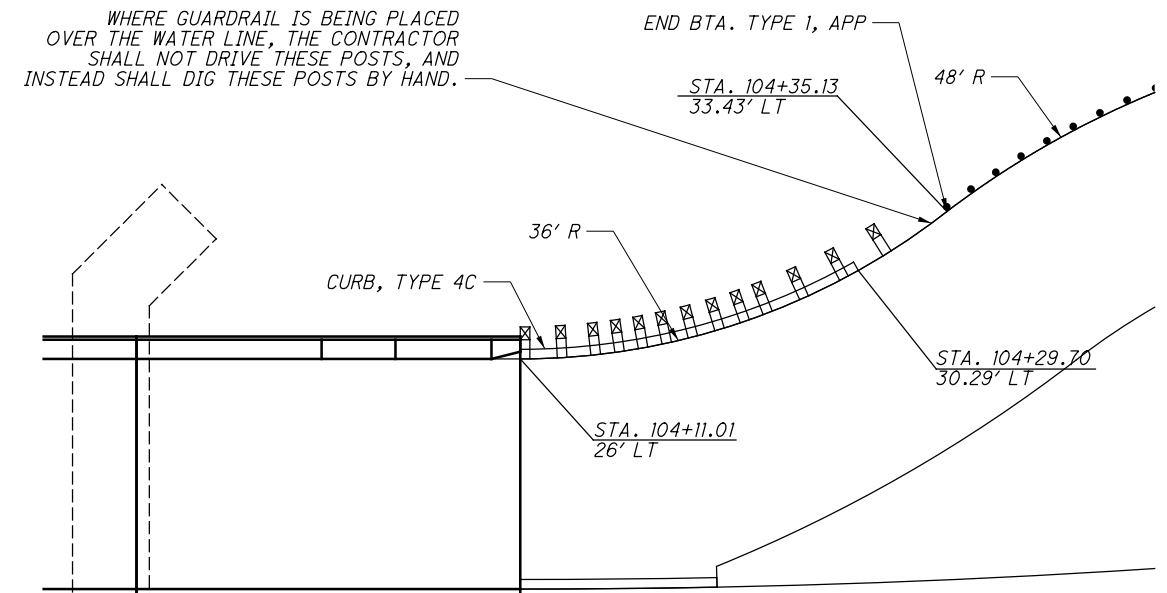
16" X 2 TREES

20" X 1 TREE

**ITEM 606 - MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN**

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING AN MGS BRIDGE TERMINAL ASSEMBLY AS PER THE DETAILS BELOW. ALL OTHER REQUIREMENTS OF ODOT CMS ITEM 606 GUARDRAIL AND SCD MGS-3.1 SHALL APPLY.

PAYMENT FOR THIS WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN, EACH AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE WORK.



**BENCHMARK DATA**

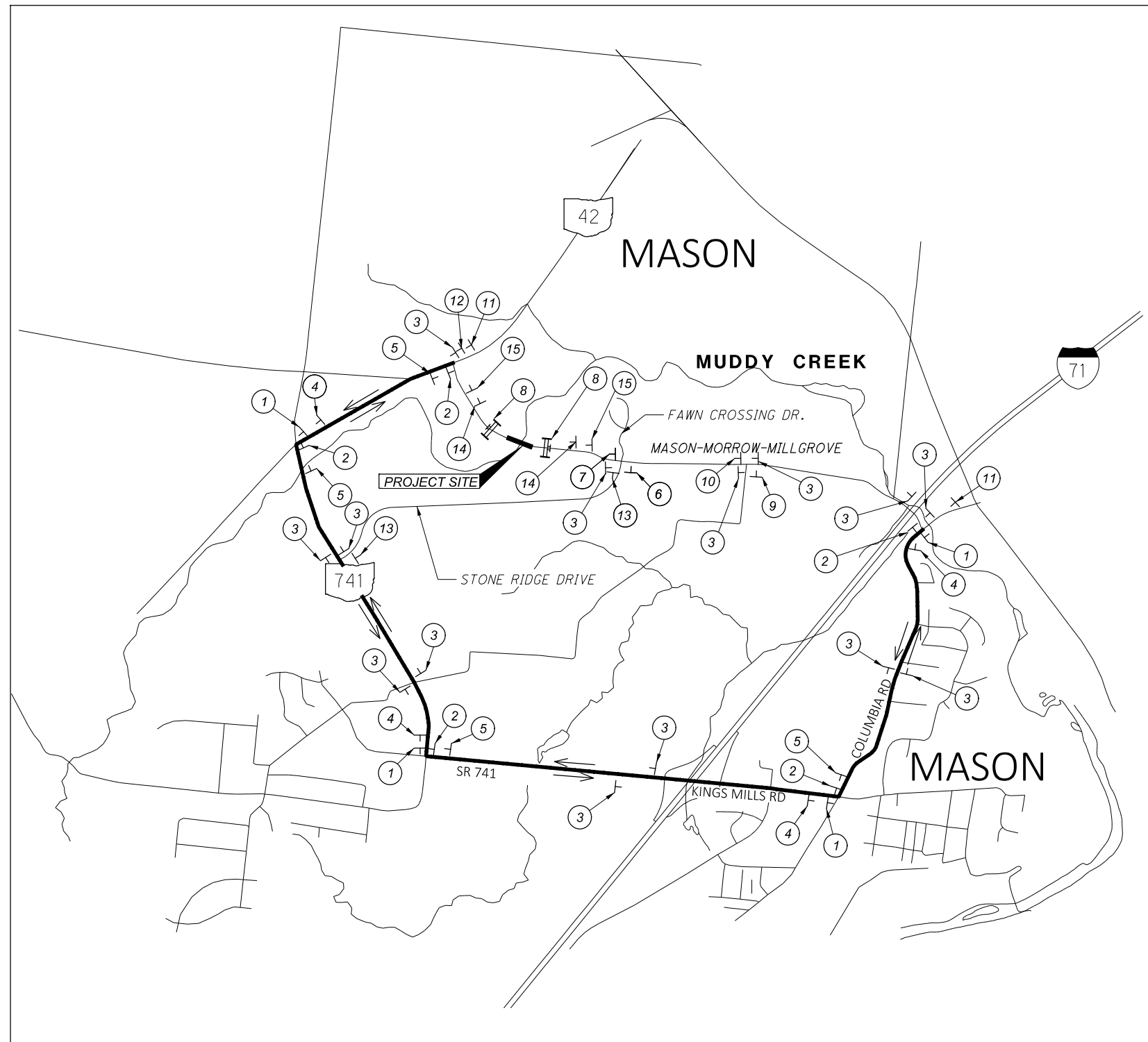
POINT	NORTHING	EASTING	STATION	OFFSET	ELEVATION	DESCRIPTION
BM #1	505443.9386	1466809.5801	101+90.25	49.49' RT	677.91	SAN MH RIM
BM #2	505456.5431	1466950.6366	103+13.68	16.14' LT	678.57	CHISELED SQUARE ON WINGWALL
BM #3	505399.7303	1467001.3728	103+81.16	19.21' RT	677.61	CHISELED SQUARE ON WINGWALL
CP101	505477.2610	1466913.3970	102+71.29	23.37' LT	677.24	IRON PIN SET
CP102	505401.7040	1467007.833	103+86.51	15.09' RT	677.44	IRON PIN SET

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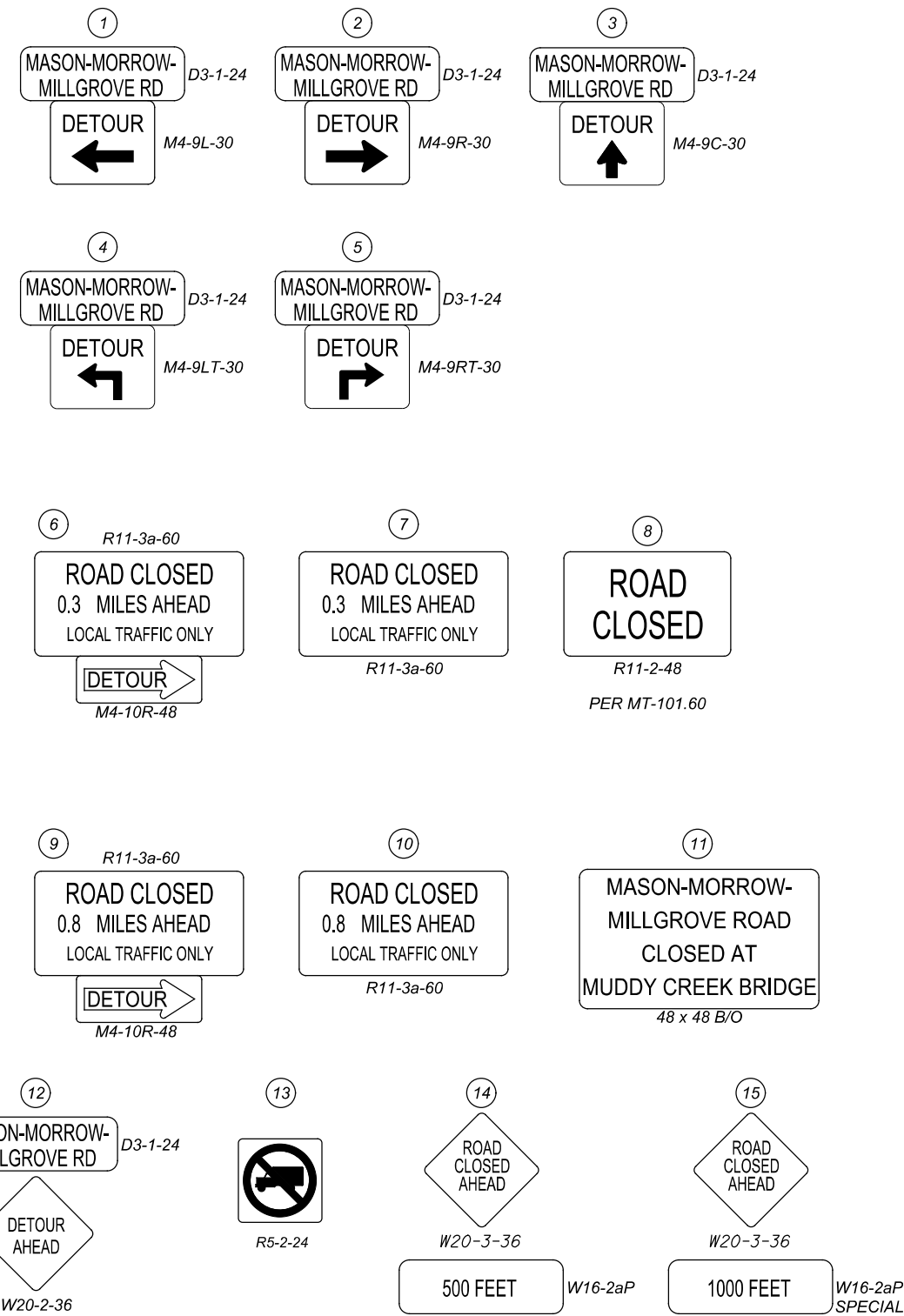
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**GENERAL NOTES**

**WAR - CR38 - 00.37**



**MAINTENANCE OF TRAFFIC DETOUR SIGN LEGEND**



**DETOUR PLAN LEGEND**

- SINGLE POST, ONE SET OF SIGNS
- TYPE III BARRICADE
- DETOUR ROUTE
- TRAFFIC FLOW

**MOT PLAN NOTES**

1. SIGNS 6, 7, 8, 9 AND 10 SHALL BE MOUNTED ON TYPE III BARRICADES WITH TYPE B FLASHING (YELLOW) WARNING LIGHT(S) AS PER SCD MT-101.60.



**DETOUR PLAN**

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SHEET NUMBER				ITEM	ITEM EXT.	UNIT	TOTAL	DESCRIPTION	SEE SHEET NO.
3	6	14	21						
<b>ROADWAY</b>									
				201	11000	LS	LS	CLEARING AND GRUBBING	
	1851			202	23000	SY	1851	PAVEMENT REMOVED	
	645			202	38000	FT	645	GUARDRAIL REMOVED	
		460		203	10000	CY	460	EXCAVATION	
		772		203	20000	CY	772	EMBANKMENT	
	62.50			606	15050	FT	62.50	GUARDRAIL, TYPE MGS	
	2			606	26150	EACH	2	ANCHOR ASSEMBLY, MGS TYPE E	
	2			606	26550	EACH	2	ANCHOR ASSEMBLY, MGS TYPE T	
	2			606	35002	EACH	2	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
	1			606	35003	EACH	1	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	
	1			606	35102	EACH	1	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
	19			609	24510	FT	19	CURB, TYPE 4-C	
	26			609	26000	FT	26	CURB, TYPE 6	
<b>EROSION CONTROL</b>									
	222			601	32000	CY	222	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER	
	2			601	32200	CY	2	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
143				659	00300	CY	143	TOPSOIL	
		1287		659	10000	SY	1287	SEEDING AND MULCHING	
0.17				659	20000	TON	0.17	COMMERCIAL FERTILIZER	
0.27				659	31000	ACRE	0.27	LIME	
7				659	35000	MGAL	7	WATER	
	36			670	00730	SY	36	DITCH EROSION PROTECTION MAT, TYPE B	
<b>DRAINAGE</b>									
	0.54			602	20000	CY	0.54	CONCRETE MASONRY	
	173			605	11100	FT	173	6" SHALLOW PIPE UNDERDRAIN	
	45			611	00510	FT	45	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
	37			611	04400	FT	37	12" CONDUIT, TYPE B	
	31			611	04600	FT	31	12" CONDUIT, TYPE C	
	69			611	07600	FT	69	18" CONDUIT, TYPE C	
	1			611	98180	EACH	1	CATCH BASIN, NO. 3A	
	2			611	98470	EACH	2	CATCH BASIN, NO. 2-2B	
	2		2	611	99710	EACH	4	PRECAST REINFORCED CONCRETE OUTLET	
<b>PAVEMENT</b>									
	1804			204	10000	SY	1804	SUBGRADE COMPACTION	
	1			204	45000	hour	1	PROOF ROLLING	
	78			252	01500	FT	78	FULL DEPTH PAVEMENT SAWING	
	331			301	56000	CY	331	ASPHALT CONCRETE BASE, PG64-22 (449)	
	286			304	20000	CY	286	AGGREGATE BASE	
	175			407	20000	GAL	175	NON-TRACKING TACK COAT	
	14			441	50000	CY	14	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
	73			442	20200	CY	73	ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448)	
	63			826	10640	CY	63	ASPHALT CONCRETE SURFACE COURSE, 442 12.5MM, (448) FIBER TYPE C	
<b>TRAFFIC CONTROL</b>									
	10			626	00110	EACH	10	BARRIER REFLECTOR, TYPE 2	
	2			630	85000	EACH	2	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	
	1			630	85100	EACH	1	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
	2			630	86002	EACH	2	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
	1			630	86010	EACH	1	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
	0.169			644	00100	MILE	0.169	EDGE LINE, 4"	
	0.084			644	00300	MILE	0.084	CENTER LINE	
	72			644	00400	FT	72	CHANNELIZING LINE, 8"	
	2			644	01300	EACH	2	LANE ARROW	
	0.048			646	10000	MILE	0.048	EDGE LINE, 4"	
	0.024			646	10200	MILE	0.024	CENTERLINE	
<b>STRUCTURE (WAR-CR38-00.370)</b>									18
<b>INCIDENTALS</b>									
				614	11000	LS		MAINTAINING TRAFFIC	
				623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
				624	10000	LS		MOBILIZATION	

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GENERAL SUMMARY			
WAR - CR38 - 00.37			
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59			



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ESTIMATED PAVEMENT QUANTITIES														
STATION LIMITS	SIDE	AREA (SF)	PAVEMENT REMOVED	SUBGRADE COMPACTION	PROOF ROLLING	FULL DEPTH PAVEMENT SAWING	8" ASPHALT CONCRETE BASE, PG64-22, (449) (2 LIFTS)	4" ASPHALT CONCRETE BASE, PG64-22	4" AGGREGATE BASE	6" AGGREGATE BASE	NON-TRACKING TACK COAT	2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448)	1.5" ASPHALT CONCRETE SURFACE COURSE, 442 12.5MM, (448), FIBER TYPE C
			SY	SY	HOUR	FT	CY	CY	CY	CY	GAL	CY	CY	CY
<b>MMM - West Approach</b>														
101+40.00		103+13.16	5916.59	793.73		47.71					65.74		27.39	27.39
101+40.00		102+83.30	5216.36				64.40			48.30				
	LIFT 1													
	LIFT 2		5320.69	591.19	0.30		65.69			49.27				
<b>MMM - East Approach</b>														
103+81.66		106+50.00	7608.66	1056.76		30.12					84.54		35.23	35.23
104+11.01		106+50.00	6911.14				85.32			63.99				
	LIFT 1													
	LIFT 2		7049.37	783.26	0.39		87.03			65.27				
<b>APPROACH SLABS</b>														
			1646.66	182.96	0.09					30.49				
<b>SUP - WEST OF APPROACH SLAB</b>														
101+71.61		102+83.34	1315.17	146.13	0.07		16.24	16.24		14.61	8.12	6.09		
<b>SUP - EAST OF APPROACH SLAB</b>														
104+11.01		105+00	902.33	100.26	0.05		11.14	11.14		10.03	5.57	4.18		
<b>SUBTOTALS</b>			1850.49	1803.80	0.90	77.83	302.44	27.38	27.38	257.32	174.92	13.69	72.88	62.62
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>			1851	1804	1	78	303	28	28	258	175	14	73	63

ESTIMATED TRAFFIC CONTROL QUANTITIES													
SHEET	STATION		SIDE	644	644	646	646	644	644	REMOVAL OF GROUND MOUNTED SIGN FOR STORAGE	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION
	FROM	TO		EDGE LINE, 4"	CENTER LINE	EDGE LINE, 4"	CENTER LINE	CHANNELIZING LINE, 8"	LANE ARROW	EACH	EACH	EACH	EACH
			MILE	MILE	MILE	MILE	FEET	EACH	EACH	EACH	EACH	EACH	EACH
	101+40	106+50		0.169		0.048		2	2	1	2	1	
			LT/RT										
			LT		0.084		0.024						
			LT				71.27						
<b>SUBTOTALS</b>				0.169	0.084	0.048	0.024	71.27	2	2	1	2	1
<b>SUBTOTALS CARRIED TO GENERAL SUMMARY</b>				0.169	0.084	0.048	0.024	72	2	2	1	2	1

ESTIMATED ROADWAY QUANTITIES														
REF NO.	SHEET	STATION		SIDE	GUARDRAIL REMOVED	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BTA, TYPE 1, AS PER PLAN	MGS BTA, TYPE 1	MGS BTA, TYPE 2	GUARDRAIL, TYPE MGS	CURB, TYPE 6	CURB, TYPE 4-C	BARRIER REFLECTOR, TYPE 2
		FROM	TO		FT	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	EACH
R-1		101+85.40	105+01.31	RT	320									
R-2		101+52.22	104+80.21	LT	325									
<b>WEST APPROACH</b>														
GR-1		102+00.03	103+03.80	RT		1			1		25.00			3
GR-2		102+59.09	102+86.80	LT			1			1	12.50			2
<b>EAST APPROACH</b>														
GR-3		103+90.55	104+80.51	RT		1			1		12.50			3
GR-4		104+11.01	104+59.65	LT			1	1			12.50			2
C-1		102+68.23	102+83.34	LT								15.14		
C-2		104+11.01	104+21.54	LT								10.24		
C-3		104+11.01	104+29.70	LT									18.15	
<b>SUBTOTALS</b>					644.36	2	2	1	2	1	62.50	25.38	18.15	10
<b>SUBTOTALS CARRIED TO GENERAL SUMMARY</b>					645	2	2	1	2	1	62.50	26	19	10

ESTIMATED DRAINAGE QUANTITIES															
SHEET	STATION		SIDE	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	CATCH BASIN, NO. 3A	CATCH BASIN, NO. 2-2B	12" CONDUIT, TYPE B	12" CONDUIT, TYPE C	18" CONDUIT, TYPE C	PRECAST REINFORCED CONCRETE OUTLET	6" SHALLOW PIPE UNDERDRAINS	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	CONCRETE MASONRY	DITCH EROSION PROTECTION MAT, TYPE B
	FROM	TO		CY	CY	EACH	EACH	FT	FT	FT	EACH	FT	FT	FT	CY
7	101+75.00		LT				1								
7	102+87.29		LT												
7	104+12.81		LT			1									
7	104+50.00		LT				1								
7	101+75.00	102+45.48	LT							69				0.33	
	102+45.48	103+00													35.83
7	102+99.97		LT							1			22		
7	104+16.42		LT							1					
7	103+97.21	104+50.00	LT	222	2			37	31					0.21	
7	101+92.63	102+87.29	LT									103			
7	103+97.21	104+99.82	LT									69	23		
<b>SUBTOTALS</b>				222	2.00	1	2	37	31	69	2	173	45	0.54	35.83
<b>SUBTOTALS CARRIED TO GENERAL SUMMARY</b>				222	2	1	2	37	31	69	2	173	45	0.54	36

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ESTIMATED QUANTITIES

WAR - CR38 - 00.37

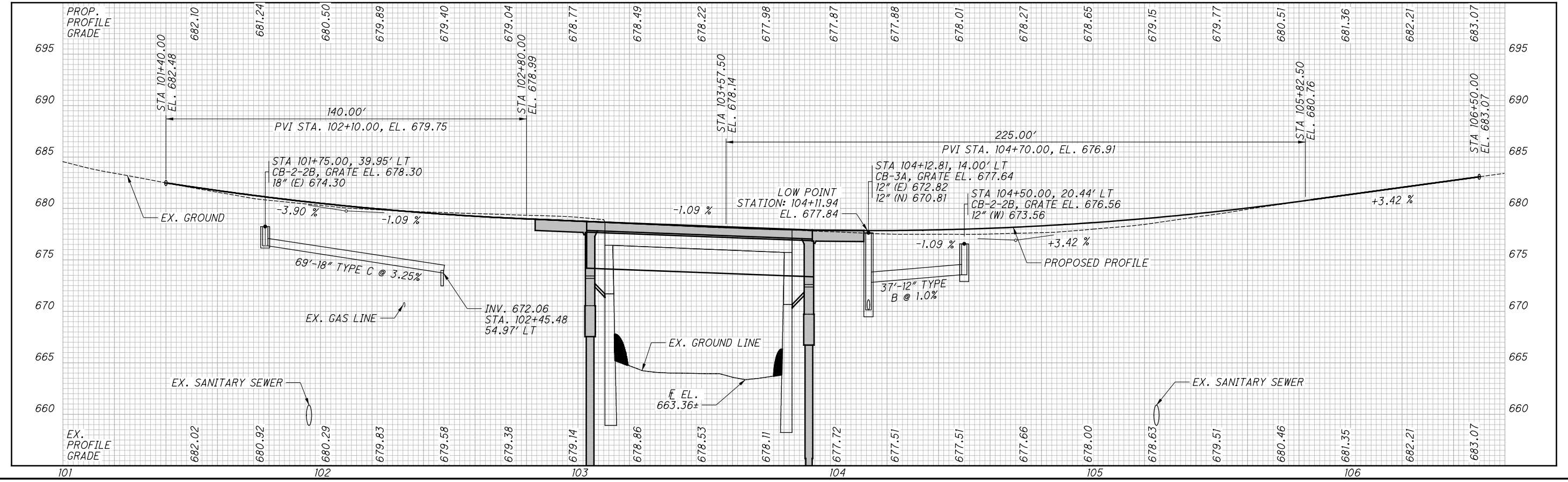
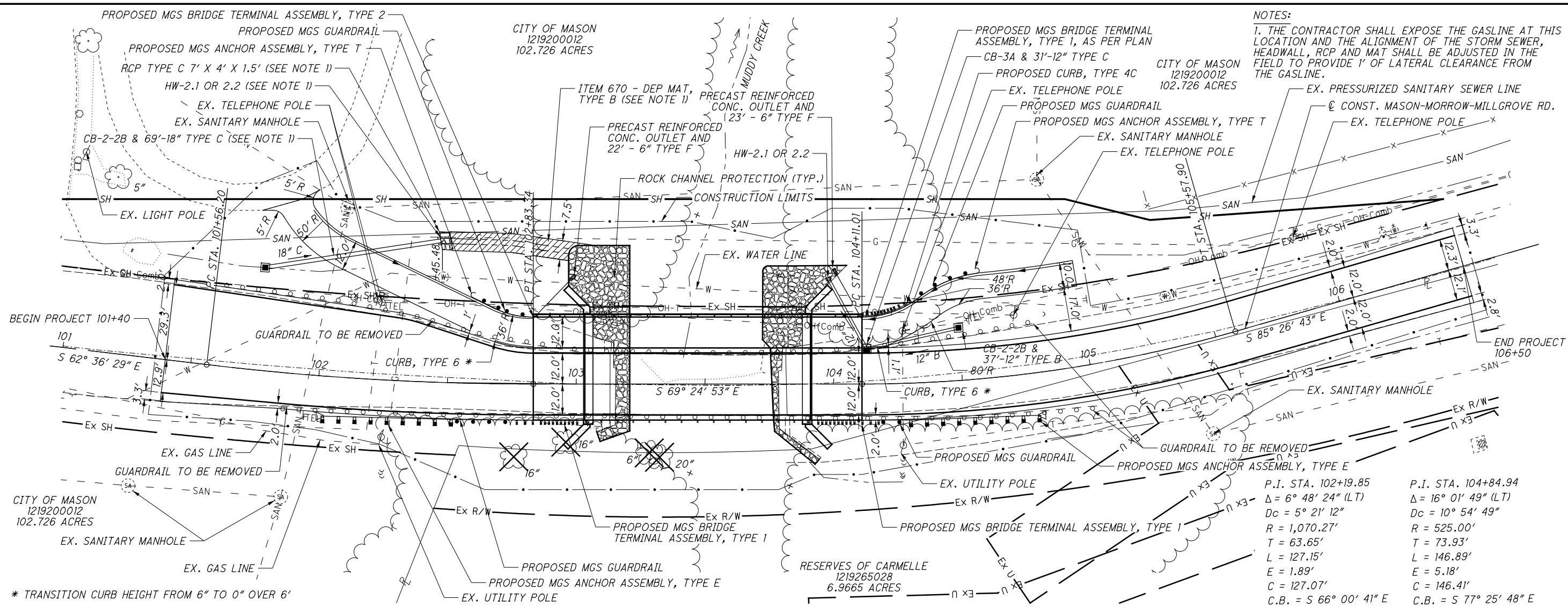


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**PLAN AND PROFILE  
STA. 101+40 TO 106+50**

**WAR-CR38-00.37**

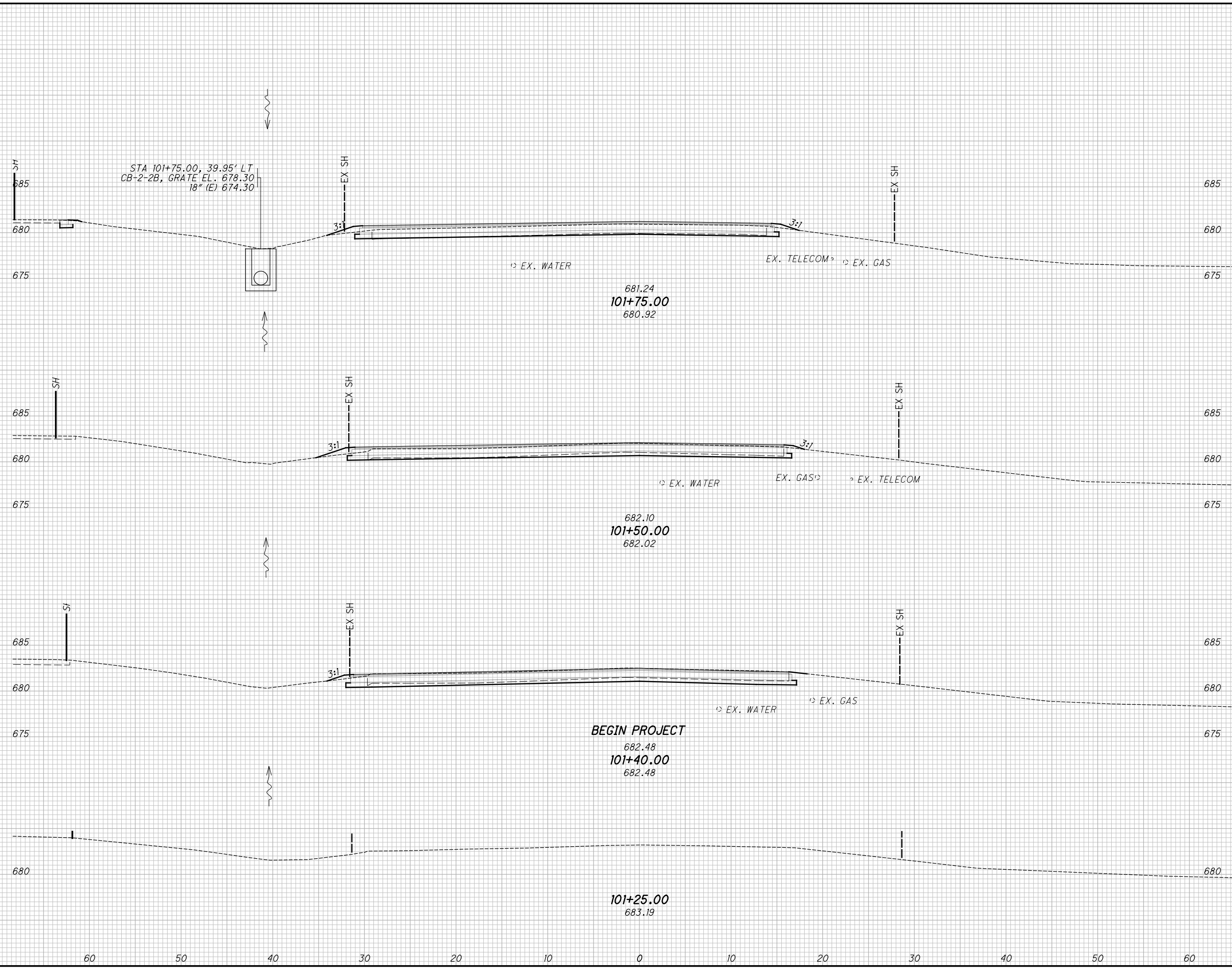
**NOTES:**  
1. THE CONTRACTOR SHALL EXPOSE THE GASLINE AT THIS LOCATION AND THE ALIGNMENT OF THE STORM SEWER, HEADWALL, RCP AND MAT SHALL BE ADJUSTED IN THE FIELD TO PROVIDE 1' OF LATERAL CLEARANCE FROM THE GASLINE.



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SEEDING	
END WIDTH	SO. YDS.
33	



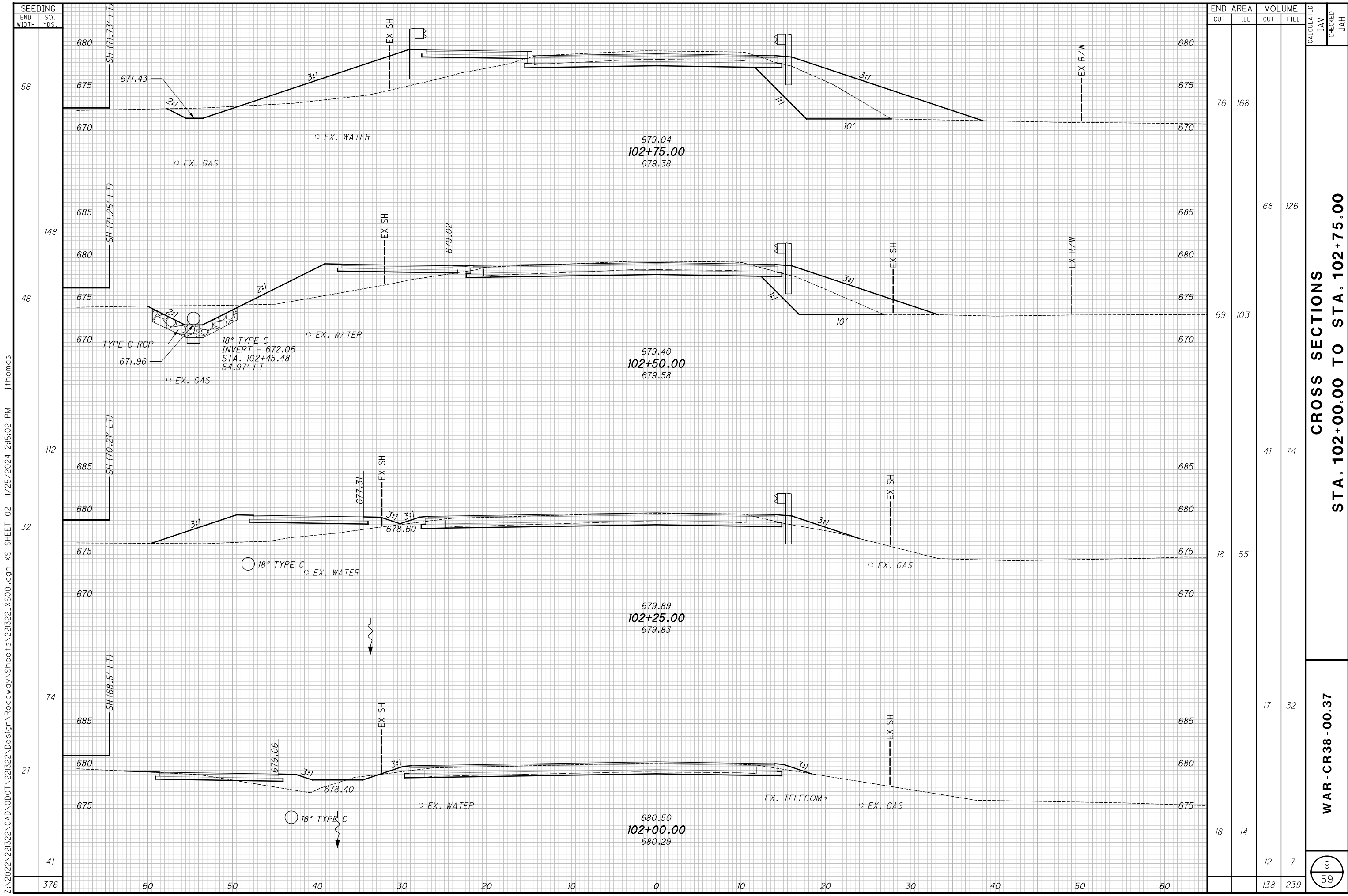
END AREA		VOLUME	
CUT	FILL	CUT	FILL
6	1		
13	3		
19	1		
0	0		
		21	4

CALCULATED	
IAY	CHECKED

**CROSS SECTIONS**  
**STA. 101+25.00 TO STA. 101+75.00**

WAR - CR38 - 00.37

8  
59



SEEDING	END SO.	
	WIDTH	YDS.
58	71.73	171
148	71.25	171
48	70.21	171
32	70.21	171
74	68.5	171
21	68.5	171
41	68.5	171
376		

END AREA	VOLUME		CALCULATED	CHECKED
	CUT	FILL		
76	168			
69	103			
18	55			
17	32			
18	14			
	138	239		

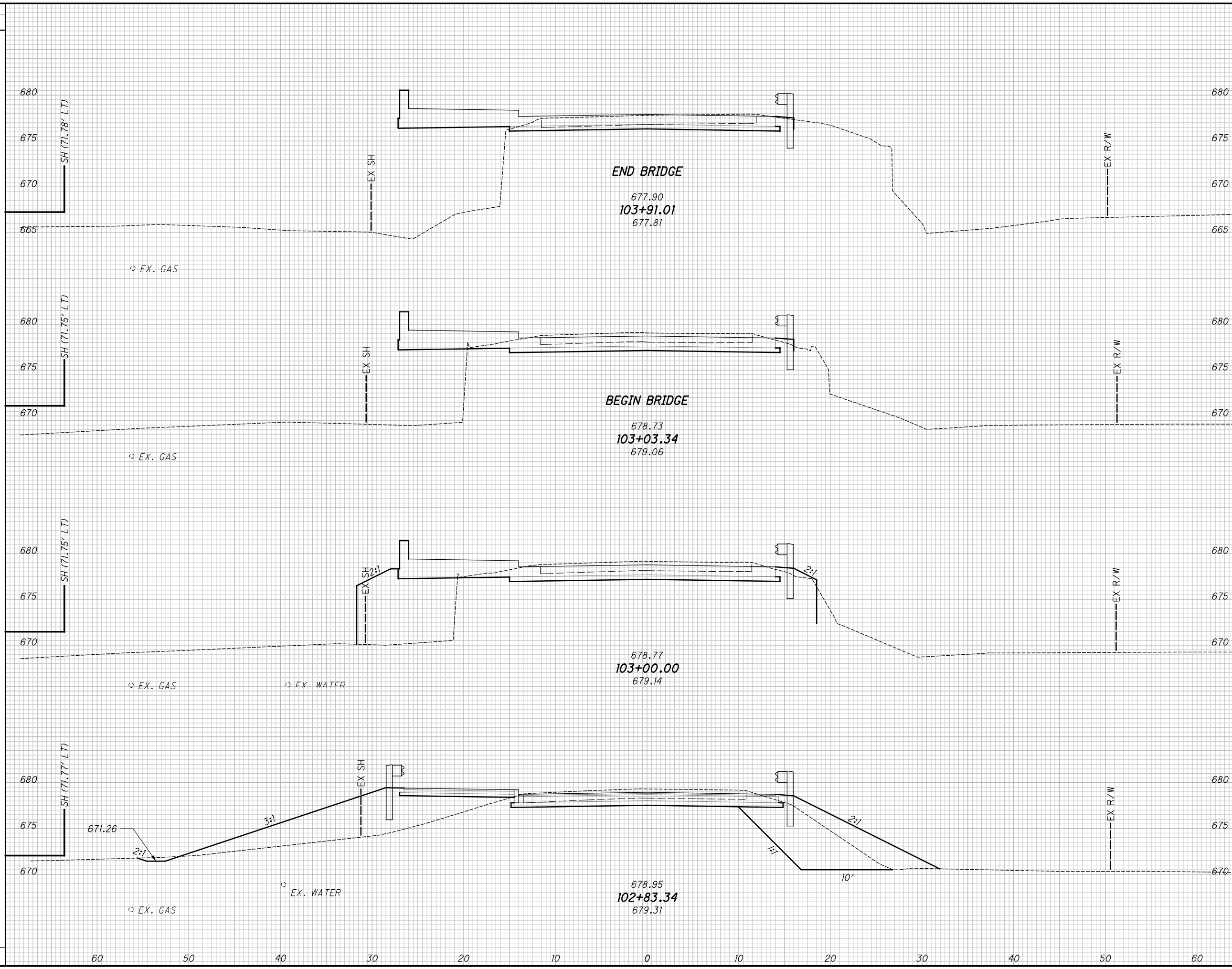
**CROSS SECTIONS**  
**STA. 102+00.00 TO STA. 102+75.00**

**WAR - CR38 - 00.37**

9  
 59

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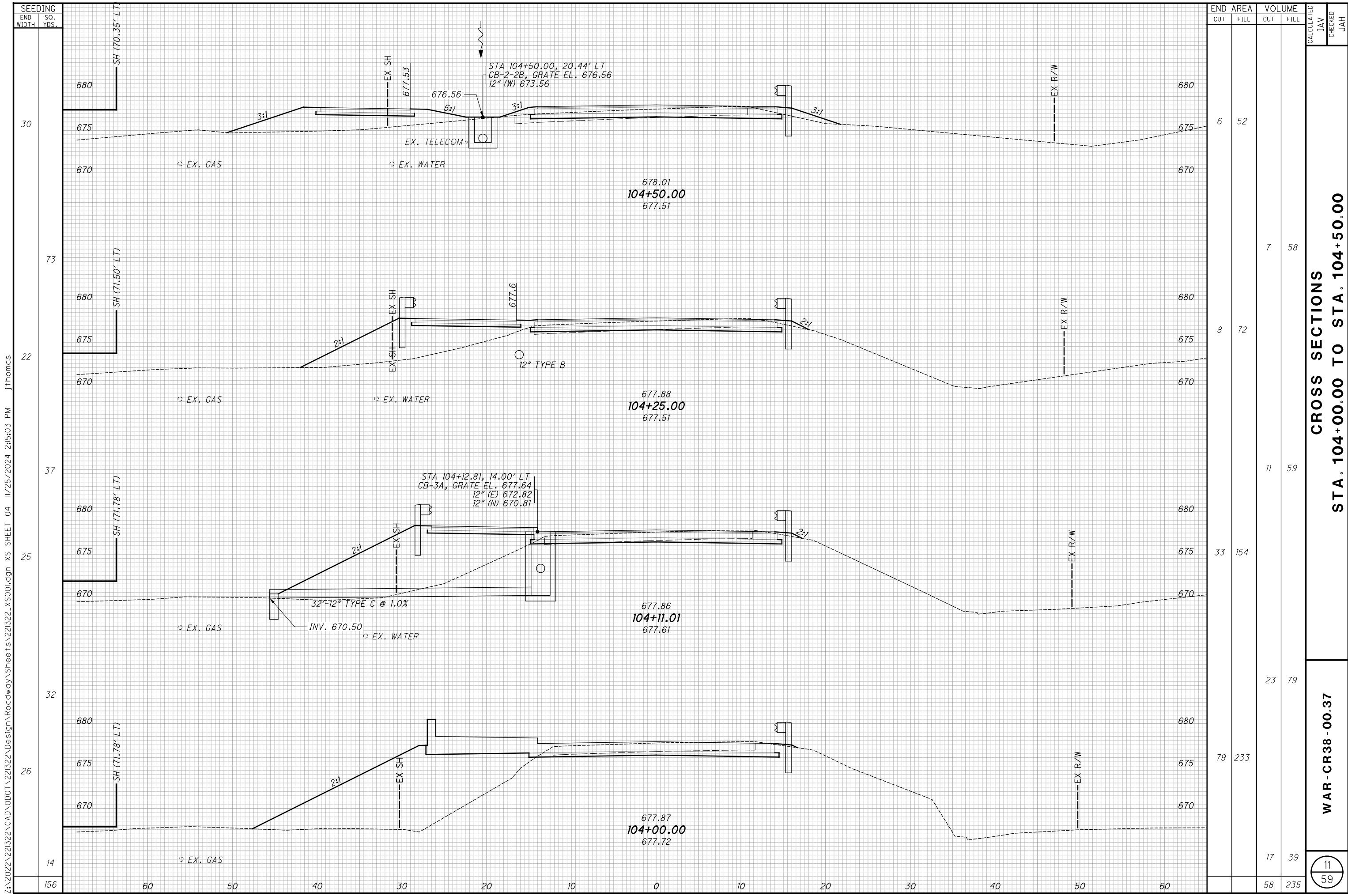
STATION	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
103+91.01	20	1	88	4
103+03.34	34	1	5	6
103+00.00	34	80	35	79
102+83.34	79	174	24	53
<b>TOTAL</b>	<b>131</b>	<b>152</b>	<b>142</b>	<b>132</b>

**CROSS SECTIONS**  
**STA. 102+83.34 TO STA. 103+91.01**

**WAR - CR38 - 00.37**

CALCULATED	JAV
CHECKED	JAH

10
59



SEEDING	
END WIDTH	SO. YDS.
60	30
60	73
60	22
60	37
60	25
60	32
60	26
14	14
156	156

END AREA		VOLUME		CALCULATED	
CUT	FILL	CUT	FILL	IAY	CHECKED
6	52				
		7	58		
8	72				
		11	59		
33	154				
		23	79		
79	233				
		17	39		
		58	235		

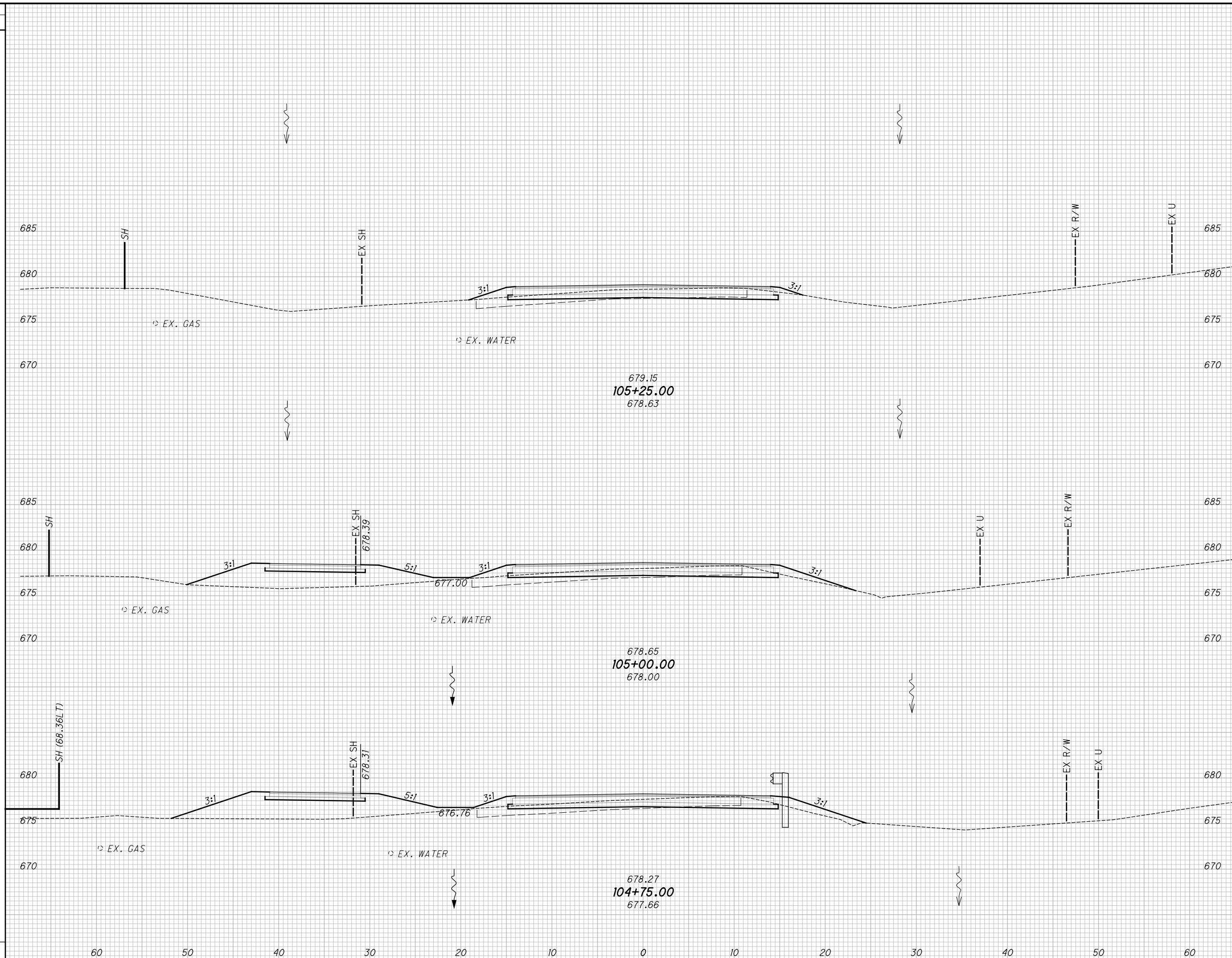
**CROSS SECTIONS**  
**STA. 104+00.00 TO STA. 104+50.00**

**WAR - CR38 - 00.37**

11  
 59

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END AREA	VOLUME	CALCULATED	CHECKED		
				CUT	FILL
14	5				
9	28				
5	55				
5	57				
5	67				
6	56				
20	141				

**CROSS SECTIONS**  
**STA. 104+75.00 TO STA. 105+25.00**

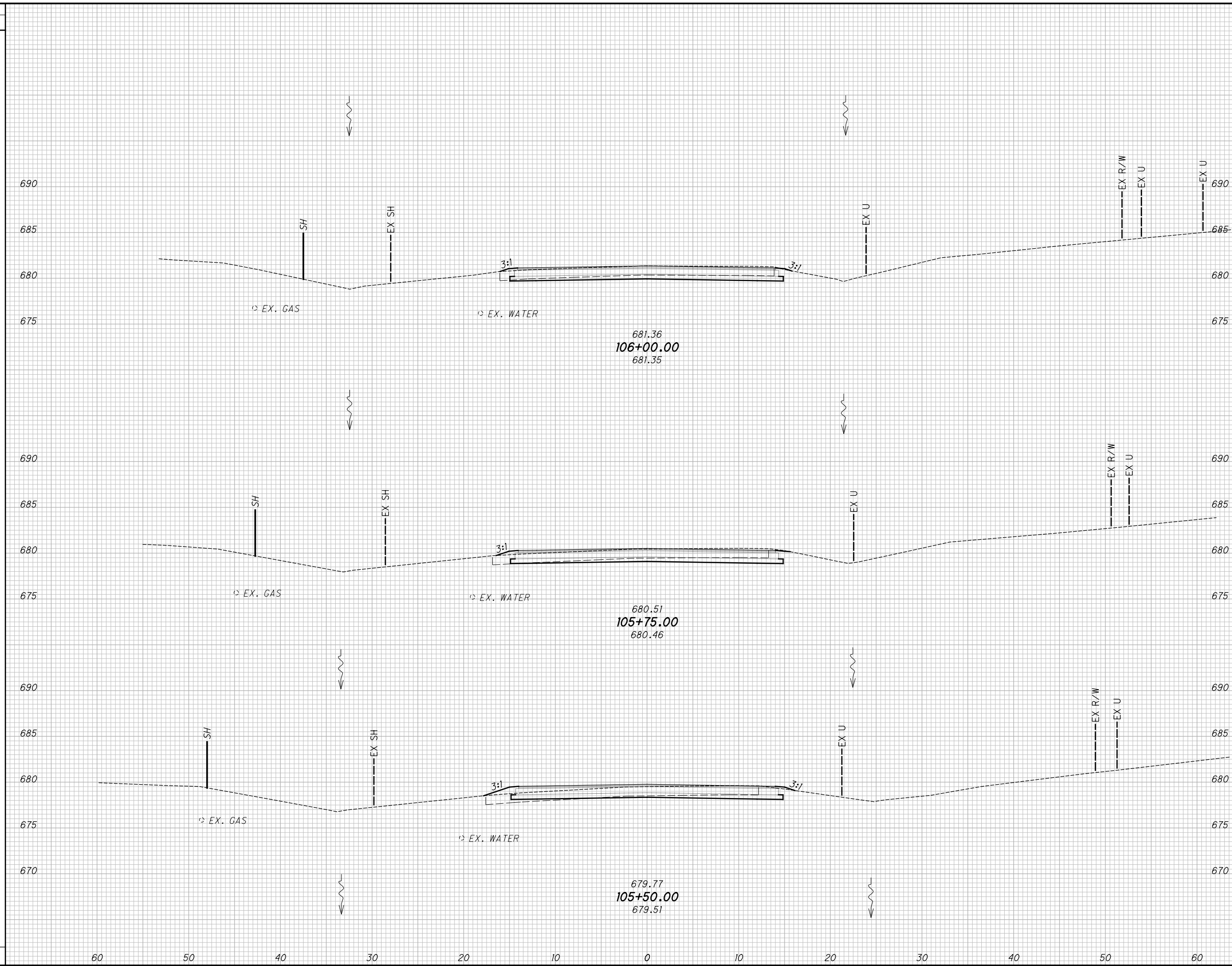
**WAR - CR38 - 00.37**

12  
59



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SEEDING	
END WIDTH	SO. YDS.
53	
7	
5	
4	
23	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
12	1	13	1
14	1	13	2
12	2	13	4
		39	7

**CROSS SECTIONS**  
**STA. 105+50.00 TO STA. 106+00.00**  
 CALCULATED IAV  
 CHECKED JAH  
 WAR - CR38 - 00.37  
 13  
 59

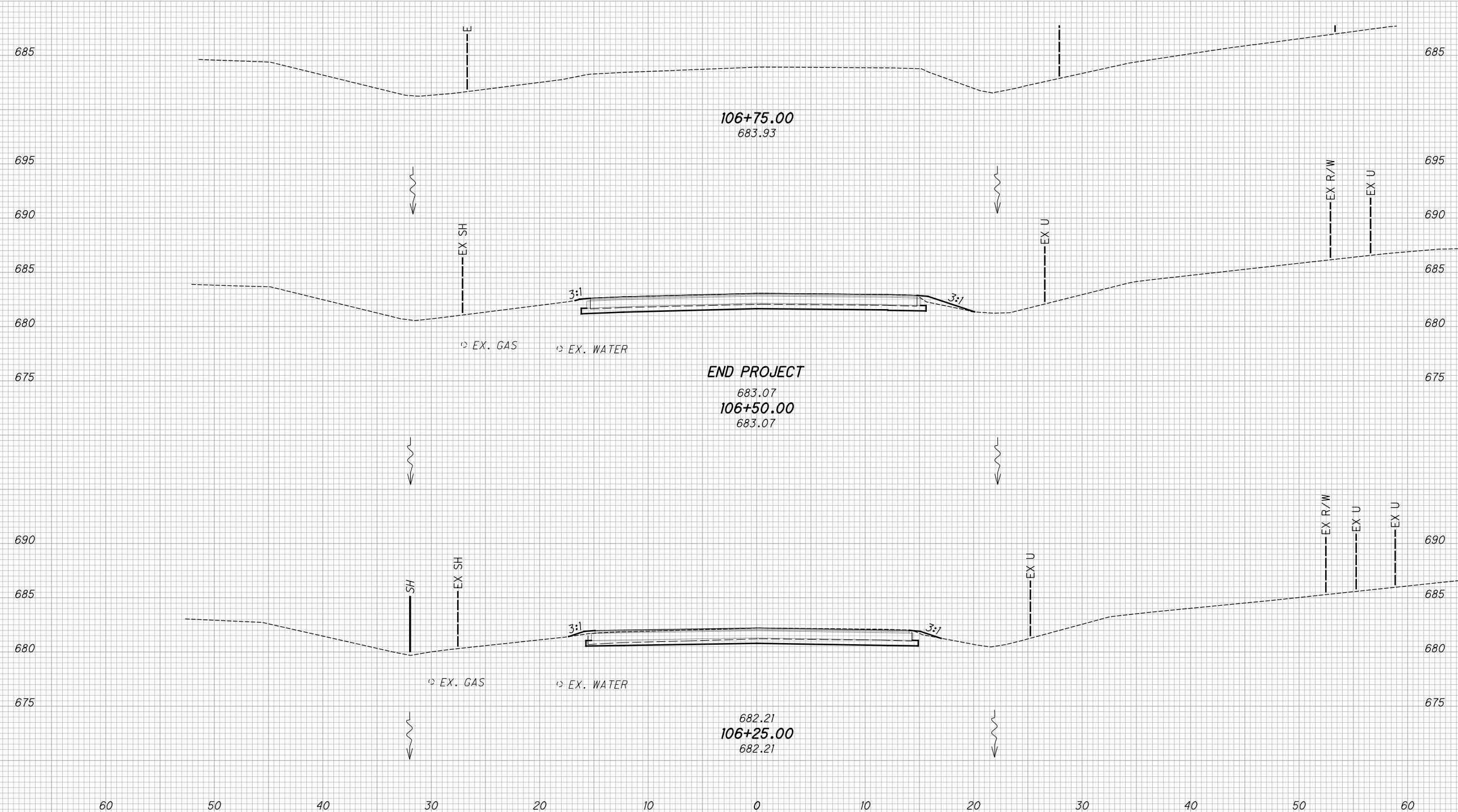
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SEEDING	
END WIDTH	SO. YDS.

EARTHWORK SUBSUMMARY		
QUANTITIES FROM SHEET	ITEM 203 (CY)	
	EXCAVATION	EMBANKMENT
8	21	4
9	138	239
10	152	142
11	58	235
12	20	141
13	39	7
THIS SHEET	32	4
<b>TOTALS</b>	<b>460</b>	<b>772</b>

SEEDING SUBSUMMARY	
QUANTITIES FROM SHEET	ITEM 659 (SY)
	SEEDING AND MULCHING
8	33
9	376
10	131
11	156
12	495
13	53
THIS SHEET	43
<b>TOTALS</b>	<b>1287</b>

END AREA	VOLUME	CALCULATED / JAV	CHECKED / JAH
0	0		
14	2		
12	1		
32	4		



**CROSS SECTIONS**  
**STA. 105+50.00 TO STA. 106+75.00**

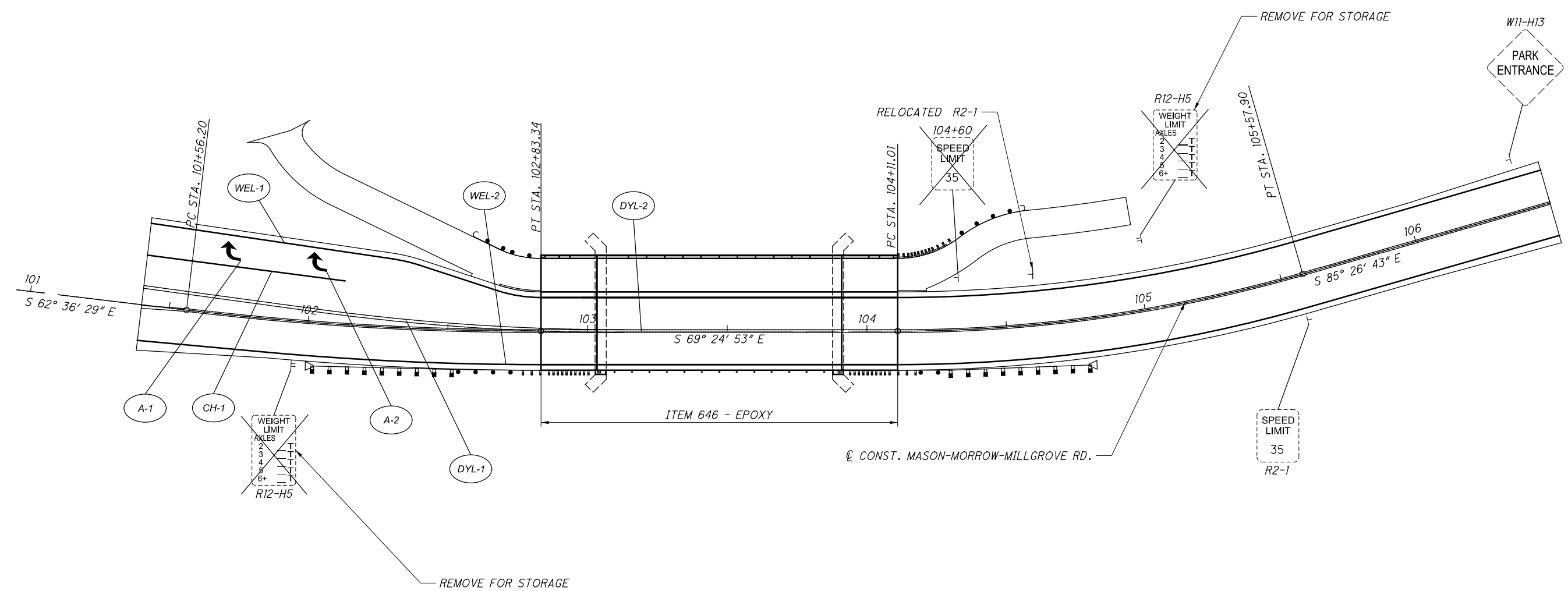
**WAR - CR38 - 00.37**

14  
59

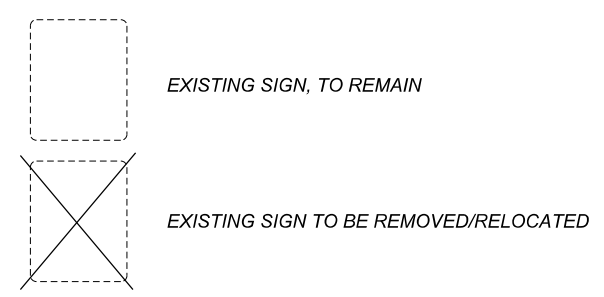
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CALCULATED  
IAV  
CHECKED  
JAH

0 20 40  
HORIZONTAL  
SCALE IN FEET



**LEGEND**



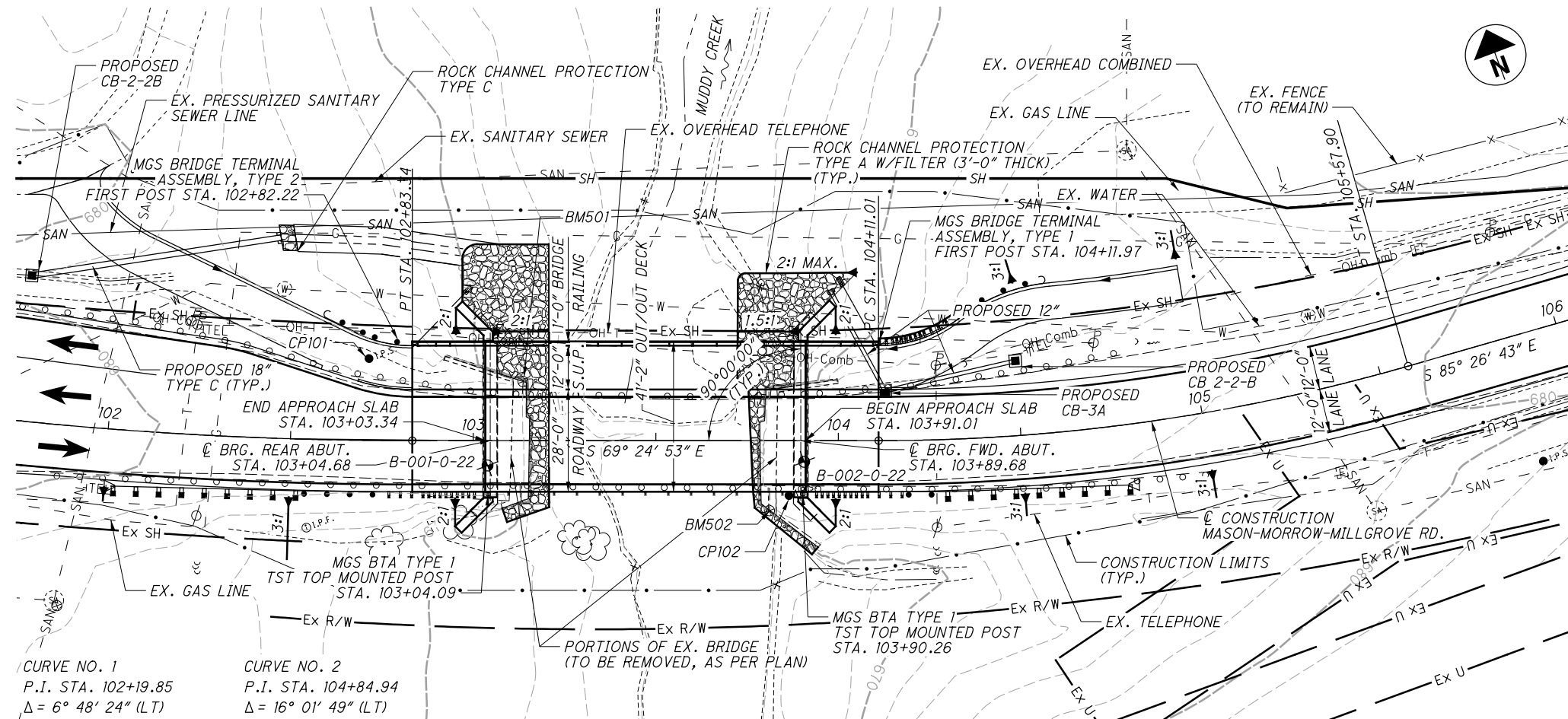
- (WEL-\*) EDGE LINE, 4" (WHITE)
- (DYL-\*) CENTERLINE (DOUBLE YELLOW)
- (CH-\*) CHANNELIZING LINE, 8"
- (A-\*) LANE ARROW

NOTE:  
USE ITEM 644 THERMOPLASTIC ON ASPHALT  
USE ITEM 646 EPOXY ON CONCRETE DECK/APPROACH SLABS

**TRAFFIC CONTROL PLAN**

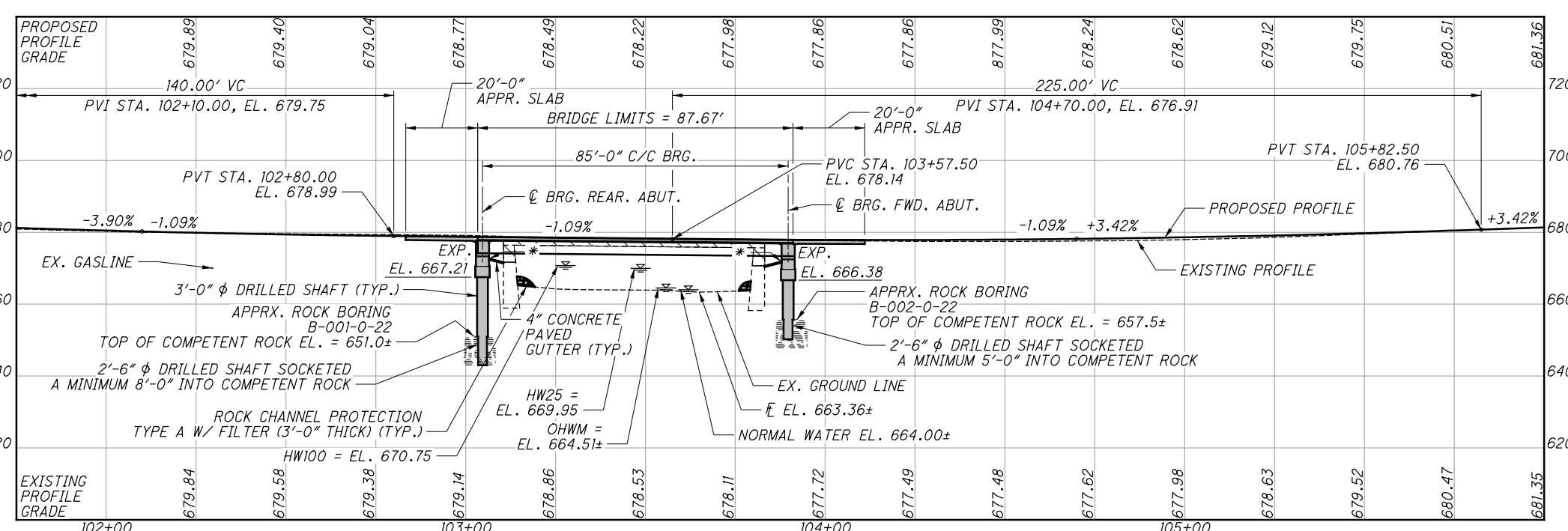
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CURVE NO. 1	CURVE NO. 2
P.I. STA. 102+19.85	P.I. STA. 104+84.94
$\Delta = 6^\circ 48' 24''$ (LT)	$\Delta = 16^\circ 01' 49''$ (LT)
$D_c = 5^\circ 21' 12''$	$D_c = 10^\circ 54' 49''$
$R = 1,070.27'$	$R = 525.00'$
$T = 63.65'$	$T = 73.93'$
$L = 127.15'$	$L = 146.89'$
$E = 1.89'$	$E = 5.18'$
$C = 127.07'$	$C = 146.41'$
C.B. = S 66° 00' 41" E	C.B. = S 77° 25' 48" E

PLAN



PROFILE ALONG  $\phi$  CONSTRUCTION MASON-MORROW-MILLGROVE ROAD

**BENCHMARK DATA**

CP101, STA. 102+71.29, EL. 677.24, OFFSET 23.37' LT. IRON PIN SET  
 CP102, STA. 103+86.51, EL. 677.44, OFFSET 15.09' RT. IRON PIN SET  
 BM501, STA. 103+13.68, EL. 678.57, OFFSET 16.14' LT. CHISELED SQUARE ON WINGWALL  
 BM502, STA. 103+81.16, EL. 677.61, OFFSET 19.21' RT. CHISELED SQUARE ON WINGWALL

FOR ADDITIONAL BENCHMARK INFORMATION, SEE SHEET 3/37

**NOTES:**

- EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
- FOR DEFINITION OF COMPETENT ROCK, SEE GENERAL NOTES SHEET 2/22.

**DESIGN TRAFFIC:**

2023 ADT = 5,700      2023 ADTT = 285  
 2043 ADT = 6,771      2043 ADTT = 339  
 DIRECTIONAL DISTRIBUTION = 0.55

**LEGEND:**

- PROJECT BORING LOCATION
- = EL. 672.11 R.A. & EL. 671.29 F.A.
- PORTIONS OF EXISTING STRUCTURE TO BE REMOVED

**HYDRAULIC DATA:**

DRAINAGE AREA = 10.6 SQ. MILES  
 $Q(25) = 4,322$  CFS     $V(25) = 10.88$  FT/S  
 $Q(100) = 5,532$  CFS     $V(100) = 12.73$  FT/S  
 STRUCTURE CLEARS THE 25 YEAR DESIGN HW BY 3.12 FEET.

**BORING LOCATIONS**

BORING	STATION	OFFSET
B-001-0-22	103+04.00	6.86' RT.
B-002-0-22	103+90.67	5.83' RT.

FOR EXPLORATORY BORING AND SOUNDING INFORMATION SEE S&ME GEOTECHNICAL REPORTED DATED 6/30/23

**EXISTING STRUCTURE**

TYPE: SINGLE SPAN NON-COMPOSITE PRESTRESSED CONCRETE BOX BEAM SUPERSTRUCTURE ON UNKNOWN FOUNDATIONS  
 SPANS: 68'-0"± C/C BEARING  
 ROADWAY: 24'-0"± F/F RAILING  
 LOADING: HS-22 40  
 SKEW: NONE  
 APPROACH SLABS: NONE  
 WEARING SURFACE: 2"± ASPHALT WEARING SURFACE  
 ALIGNMENT: TANGENT  
 CROWN: 0.016± FT/FT  
 STRUCTURAL FILE NUMBER: 8331219  
 DATE BUILT: 1962, REHABILITATION 1990  
 DISPOSITION: STRUCTURE TO BE REPLACED

**PROPOSED STRUCTURE**

TYPE: SINGLE SPAN PRESTRESSED CONCRETE I-BEAM SUPERSTRUCTURE WITH COMPOSITE CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS WITH DRILLED SHAFTS  
 SPANS: 85'-0" C/C BEARING  
 ROADWAY: 28'-0" TOE OF CURB TO FACE OF RAILING  
 LOADING: HL-93 AND 60 PSF FUTURE WEARING SURFACE  
 SKEW: NONE  
 APPROACH SLABS: 20'-0" LONG, 13" THICK (AS-I-15)  
 ALIGNMENT: TANGENT  
 CROWN: 0.016 FT/FT  
 WEARING SURFACE: 1" MONOLITHIC CONCRETE  
 COORDINATES: LATITUDE 39° 22' 26.75" N  
 LONGITUDE 84° 16' 29.53" W  
 DECK AREA: 3,609 SF

DESIGN AGENCY: **fishbeck** FISHBEEK 10856 REED HARTMAN HWY CINCINNATI, OH 45242

DATE: 9/11/23

REVIEWED: JPC

STRUCTURE FILE NUMBER: 8331220

DRAWN: CAS

CHECKED: BMG

DESIGNED: CAS

WARREN COUNTY

STA. 103+03.34

STA. 103+91.01

SITE PLAN

WAR-CR0038-00.37

MASON-MORROW-MILLGROVE ROAD OVER MUDDY CREEK

WAR - CR38 - 00.37

PID No. N/A

1 / 22

16 / 59

**STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS**  
REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	01/20/23
BR-2-15	REVISED	01/21/22
DS-1-92	REVISED	07/15/22
PSID-1-13	REVISED	01/20/23
TST-1-99	REVISED	01/15/21

**DESIGN SPECIFICATIONS**

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

**OPERATIONAL IMPORTANCE**

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

**DESIGN LOADING**

VEHICULAR LIVE LOAD = HL-93  
FUTURE WEARING SURFACE (FWS) = 0.060 KSF

**DESIGN DATA**

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE CLASS QC5, WITH 3/8-IN. MAX. AGGREGATE SIZE - COMPRESSIVE STRENGTH 4.5 KSI (DRILLED SHAFT)

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI

STRUCTURAL STEEL - ASTM A709 - YIELD STRENGTH 50 KSI

CONCRETE FOR PRESTRESSED BEAMS:  
COMPRESSIVE STRENGTH (FINAL) - 8.0 KSI  
COMPRESSIVE STRENGTH (RELEASE) - 6.0 KSI

WELDED WIRE FABRIC:  
YIELD STRENGTH - 70 KSI

PRESTRESSING STRAND:  
AREA = 0.217 SQ. IN.  
ULTIMATE STRENGTH = 270 KSI  
INITIAL STRESS = 202.5 KSI (LOW RELAXATION STRANDS)

**MONOLITHIC WEARING SURFACE**

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

**EXISTING STRUCTURE VERIFICATION**

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

**ROCK-SOCKETED DRILLED SHAFTS**

THE MAXIMUM FACTORED LOAD TO BE SUPPORTED BY EACH DRILLED SHAFT IS 423 KIPS AT THE REAR ABUTMENT AND 353 KIP AT THE FORWARD ABUTMENT. THIS LOAD IS RESISTED BY SIDE RESISTANCE WITHIN A PORTION OF THE BEDROCK SOCKET AND BY TIP RESISTANCE. AT THE REAR ABUTMENT, THE FACTORED SIDE RESISTANCE IS 47 KIPS ASSUMED TO ACT ALONG THE BOTTOM 6 FEET OF THE BEDROCK SOCKET, AND THE FACTORED TIP RESISTANCE IS 393 KIPS. AT THE FORWARD ABUTMENT, THE FACTORED SIDE RESISTANCE IS 24 KIPS ASSUMED TO ACT ALONG THE BOTTOM 3 FEET OF THE BEDROCK SOCKET, AND THE FACTORED TIP RESISTANCE IS 393 KIPS.

COMPETENT BEDROCK IS DEFINED AS ROCK THAT DOES NOT CONTAIN ADVERSE JOINTING, OPEN SOLUTION CAVITIES, OR JOINTS THAT ARE FILLED WITH WEATHERED MATERIAL THAT WOULD AFFECT THE BEARING RESISTANCE OF THE ROCK, WITHIN A DISTANCE EQUAL TO TWO SOCKET DIAMETERS BELOW THE TIP OF THE DRILLED SHAFT ROCK SOCKET.

**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 FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR THE SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN PARAMETERS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.27 KIPS.

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

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

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

FOLLOW C&MS 202 EXCEPT AS NOTED, REMOVE PORTIONS OF THE EXISTING REAR ABUTMENT, FORWARD ABUTMENT AND WING WALLS BY METHOD OF SAWCUT TO THE ELEVATION DESCRIBED IN THE PLANS. THE EXISTING ABUTMENTS AND WING WALLS BELOW THE DESCRIBED SAWCUT ELEVATION SHALL REMAIN IN PLACE.

**ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN**

UNCLASSIFIED EXCAVATION SHALL BE IN ACCORDANCE WITH 503 EXCEPT THAT BACKFILL MATERIAL PLACED BEHIND ABUTMENTS SHALL BE 703.17 MATERIAL PLACED IN 6 INCH LIFTS AS PER 304.05.

**ITEM 511 - CLASS QC1 MISC.: PAVED GUTTER**

FURNISH THE PAVED CONCRETE GUTTER MEETING THE REQUIREMENTS OF CLASS QC1 CONCRETE. THE PAVED CONCRETE GUTTER SHALL EXTEND FROM THE FRONT OF THE NEW ABUTMENT TO THE BACKSIDE OF THE EXISTING ABUTMENT TO THE LIMITS SHOWN IN THE PLANS. THE GUTTER SHALL BE SLOPED FROM THE NEW ABUTMENT TOWARD THE EXISTING ABUTMENT AS PER THE PLANS. COST OF BOTH ADJACENT 1" PEJF SHALL BE INCLUDED IN THIS PAY ITEM.

**ITEM 524 - DRILLED SHAFTS, MISC.: CORING, AS PER PLAN**

EXISTING PLANS THAT DOCUMENT THE TYPE, SIZE, AND LOCATION OF THE EXISTING ABUTMENT AND WINGWALL FOOTINGS ARE NOT AVAILABLE, THE FOUNDATIONS ARE UNKNOWN. IN ADDITION TO BORINGS, GEOTECHNICAL SOUNDINGS WERE OBTAINED TO HELP LOCATE AND POTENTIALLY CORE THROUGH THE EXISTING FOOTINGS. EXISTING CONCRETE FOOTINGS WERE NOT ENCOUNTERED DURING THE SOUNDINGS. THE LOCATIONS OF THE DRILLED SHAFTS WERE PLACED OUTSIDE THE OBTAINED BORINGS AND SOUNDINGS. IF THE EXISTING FOOTINGS ARE ENCOUNTERED DURING THE INSTALLATION OF THE DRILLED SHAFTS, THE CONTRACTOR SHALL VERIFY THE EXTENTS OF THE EXISTING FOOTINGS WITHIN THE LIMITS OF THE DRILLED SHAFTS. THE CONTRACTOR SHALL REMOVE PORTIONS OF THE EXISTING FOOTING WITHIN CONFLICT OF THE DRILLED SHAFT THROUGH CORE METHODS BY DRILLING THROUGH THE UNKNOWN FOOTING TYPE AND SIZE FOR THE INSTALLATION OF THE DRILLED SHAFTS. THE COST TO PERFORM REMOVAL OF THE EXISTING FOOTING BY THIS REMOVAL METHOD SHALL BE INCLUDED AND PAID FOR AS AN IF AUTHORIZED COST UNDER ITEM 524, DRILLED SHAFTS, MISC.: CORING.

**ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN**

ALL EQUIPMENT, LABOR AND MATERIALS NEEDED TO CONSTRUCT THE APPROACH SLABS AS SHOWN IN THESE PLANS SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 526, REINFORCED CONCRETE APPROACH SLABS, AS PER PLAN. THIS SHALL INCLUDE, BUT NOT LIMITED TO, ALL CONCRETE AND STEEL REINFORCEMENT IN THE APPROACH SLAB AND APPROACH SLAB SIDEWALK. BRIDGE RAILING CONCRETE AND STEEL REINFORCEMENT WITHIN THE RAILING SHALL BE PAID FOR SEPARATELY. SEALING OF CONCRETE SURFACES SHALL BE INCLUDED WITH ITEM 512 FOR PAYMENT. THE ADDITIONAL APPROACH SLAB SIDEWALK STEEL REINFORCEMENT NOT COVERED IN AS-1-15 IS DETAILED AND INCLUDED IN THE STEEL REINFORCEMENT BAR LIST.

**ABBREVIATIONS**

ABUT. - ABUTMENT  
APPR. - APPROACH  
ADT - AVERAGE DAILY TRAFFIC  
ADTT - AVERAGE DAILY TRUCK TRAFFIC  
BRG. - BEARING  
BOT. - BOTTOM  
BTA - BRIDGE TERMINAL ASSEMBLY  
C/C - CENTER-TO-CENTER  
CLR. - CLEAR/CLEARANCE  
CMS/C&MS - CONSTRUCTION AND MATERIALS SPECIFICATIONS  
C.J. - CONSTRUCTION JOINT  
CFS - CUBIC FEET PER SECOND  
φ - DIAMETER  
DWG. - DRAWING  
E.F. - EACH FACE  
EL. - ELEVATION  
EQ. - EQUAL  
EX. - EXISTING  
EXP. - EXPANSION  
F/F - FACE TO FACE  
F.F. - FAR FACE  
FT/S - FEET PER SECOND  
FL - FLOWLINE  
FWD. - FORWARD  
F.A. - FORWARD ABUTMENT  
FWS - FUTURE WEARING SURFACE  
IN/FT - INCHES PER FOOT  
LT. - LEFT  
MGS - MIDWEST GUARDRAIL SYSTEM  
MIN. - MINIMUM  
N.F. - NEAR FACE  
NPCPP - NON-PERFORATED CORRUGATED PLASTIC PIPE  
OHWM - ORDINARY HIGH WATER MARK  
PCPP - PERFORATED CORRUGATED PLASTIC PIPE  
PEJF - PREFORMED EXPANSION JOINT FILLER  
Q - FLOW  
R.A. - REAR ABUTMENT  
REQ'D - REQUIRED  
RT. - RIGHT  
SER. - SERIES  
S.O. - SERIES OF  
S.U.P. - SHARED USE PATH  
SHLDR. - SHOULDER  
SRS - SOLUBLE REACTIVE SILICATE  
SPA. - SPACE(S)/SPACING  
SQ. - SQUARE  
SF - SQUARE FEET  
STD. DWG. - STANDARD DRAWING  
STA. - STATION  
TYP. - TYPICAL  
U.N.O. - UNLESS NOTED OTHERWISE  
V - VELOCITY  
WWR - WELDED WIRE REINFORCEMENT  
W/ - WITH

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fishbeck 1085 REED HARTMAN HWY CINCINNATI, OH 45242	DESIGN AGENCY
	DATE 9/11/23
REVIEWED JPC	STRUCTURE FILE NUMBER 8331220
DRAWN BMG	CHECKED REVISED
DESIGNED BMG	TLC
GENERAL NOTES	
WAR-CR0038-00.37	
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK	
WAR - CR38 - 00.37	PID No. N / A
2 / 22	17 / 59

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MADE BY: MLF		DATE: 5/26/2023		ESTIMATED QUANTITIES					STRUCTURAL FILE NUMBER: 8331220	
CHECKED BY: BMG		DATE: 7/7/2023								
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	SUPER.	GEN.	REFERENCE SHEET NO.		
202	11203	LUMP		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN			LUMP			
202	23500	192	SY	WEARING COURSE REMOVED			192			
503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING			LUMP			
503	21301	LUMP		UNCLASSIFIED EXCAVATION, AS PER PLAN			LUMP			
509	10000	42,400	LB	EPOXY COATED STEEL REINFORCEMENT	8,189	34,211				
511	33416	46	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE		46				
511	33501	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN	2			7/22		
511	34444	121	CY	CLASS QC2 CONCRETE, BRIDGE DECK		121				
511	43510	114	CY	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	114					
511	51510	37	CY	CLASS QC2 CONCRETE, SIDEWALK		54				
511	53010	4	CY	CLASS QC1 CONCRETE, MISC.: (PAVED GUTTER)	4					
512	10050	180	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)		180				
512	10100	390	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	90	300				
512	10400	398	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS		398				
515	15080	5	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF42-49 (86'-8" LENGTH)		5				
515	20000	12	EACH	INTERMEDIATE DIAPHRAGMS		12				
516	13600	27	SF	1" PREFORMED EXPANSION JOINT FILLER		27				
516	13900	29	SF	2" PREFORMED EXPANSION JOINT FILLER	29					
516	14020	120	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	120					
516	44101	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2 9/16" x 2'-4" x 10" WITH W-SECTION)		10		9/22		
517	70000	92	FT	RAILING (TWIN STEEL TUBE)		92				
517	75120	128	FT	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING)		128				
518	21200	81	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	81					
518	22300	101	FT	SPECIAL - STEEL DRIP STRIP		101				
518	40000	106	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	106					
518	40010	37	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	37					
524	94604	96	FT	DRILLED SHAFTS, 30" DIAMETER, INTO BEDROCK	96					
524	94702	185	FT	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK	185					
524	95100	3	EACH	DRILLED SHAFTS, MISC.: CORING, AS PER PLAN	3			2/22		
526	15001	183	SY	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN			183	2/22		

**ESTIMATED QUANTITIES**  
WAR-CR0038-00.37  
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK

**WAR - CR 38 - 00.37**  
PID No. N / A

3 / 22

18  
59

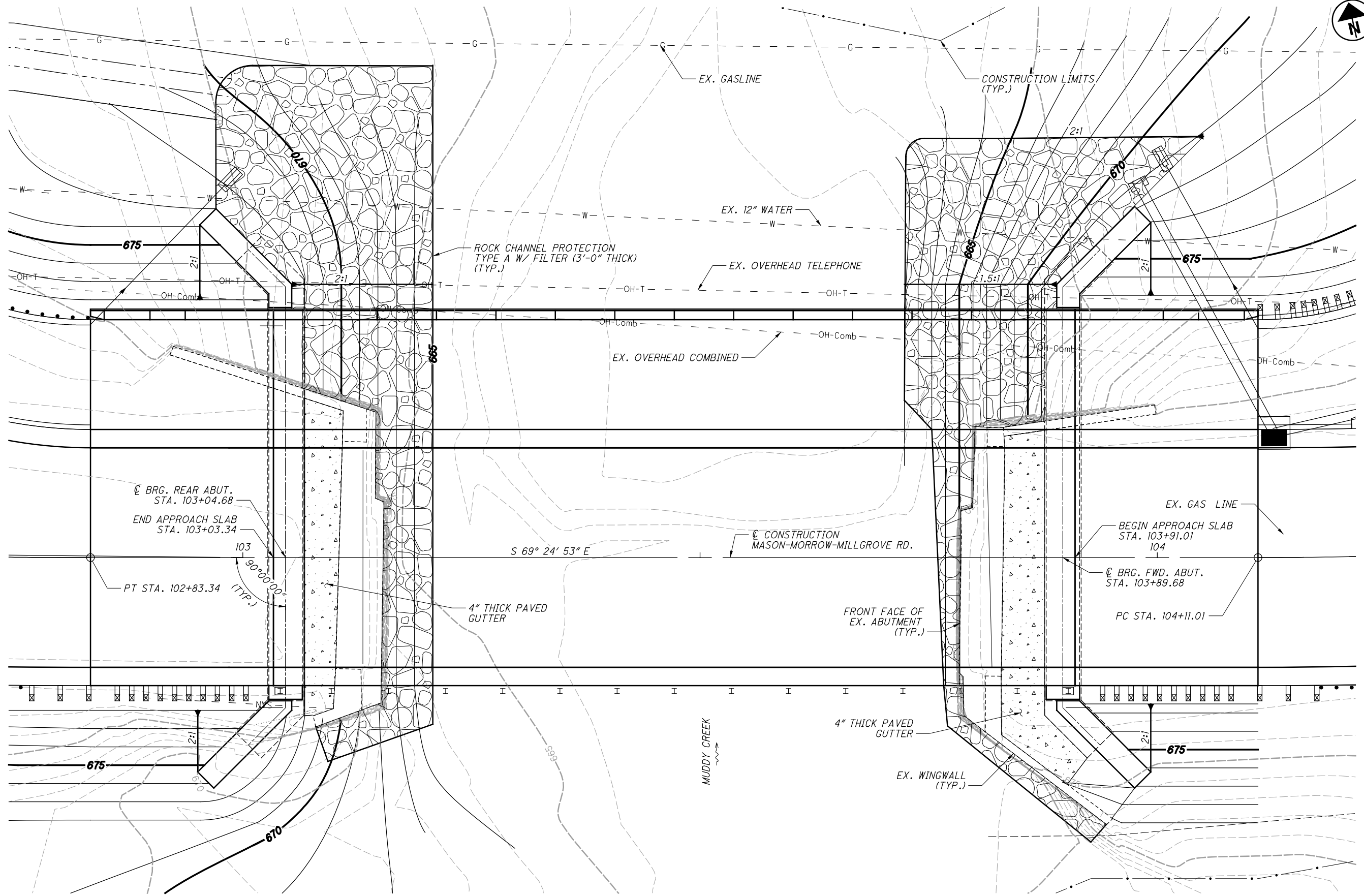
DESIGN AGENCY  
**fishbeck**  
10856 REED HARTMAN HWY  
CINCINNATI, OH 45242

REVIEWED DATE 9/11/23  
JPC STRUCTURE FILE NUMBER 8331220

DRAWN MLF  
MLF REVISOR

DESIGNED MLF  
MLF CHECKED BMG

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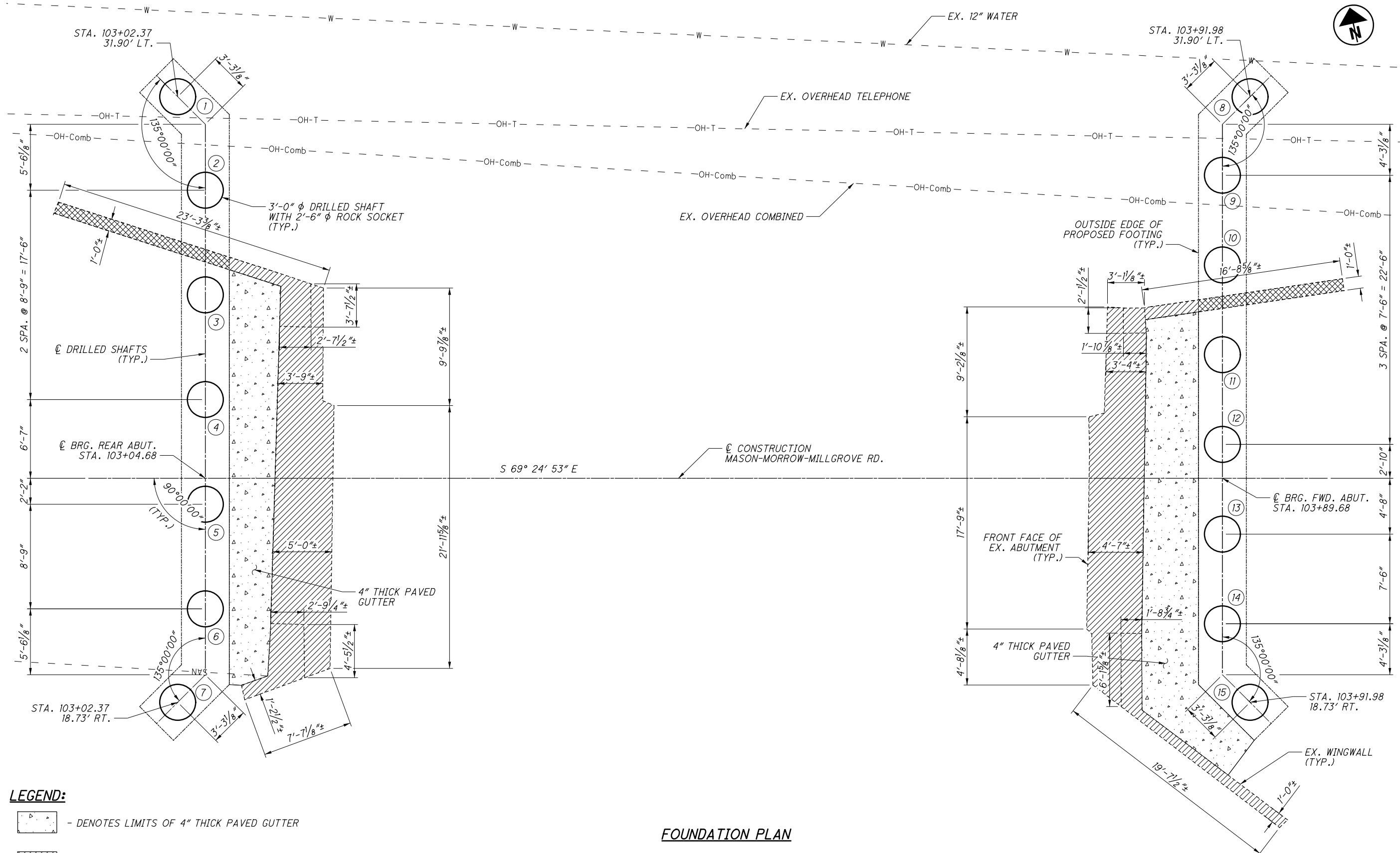
**PROPOSED GRADING PLAN**






<b>WAR - CR38 - 00.37</b> PID No. N / A	<b>GRADING PLAN</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK		DESIGN AGENCY <b>fishbeck</b> <small>FISHBECK          10856 REED HARTMAN HWY          CINCINNATI, OH 45242</small>
	4 / 22	DESIGNED BMG CHECKED TLC	DRAWN BMG REVISIONS
			DATE 9/11/23



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**LEGEND:**

-  - DENOTES LIMITS OF 4" THICK PAVED GUTTER
-  - DENOTES EXISTING STRUCTURE REMOVAL LIMITS TO ELEVATION 672.00 (R.A.) AND ELEVATION 671.00 (F.A.). REMOVAL LIMITS TO BE PAID FOR UNDER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN. CUT ALL EXISTING STEEL REINFORCEMENT FLUSH WITH TOP OF CONCRETE.
-  - DENOTES EXISTING STRUCTURE REMOVAL LIMITS TO THE PROPOSED BOTTOM OF FOOTING ELEVATION 667.21 (R.A.) AND ELEVATION 666.38 (F.A.). REMOVAL LIMITS TO BE PAID FOR UNDER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN. CUT ALL EXISTING STEEL REINFORCEMENT FLUSH WITH TOP OF CONCRETE.

**FOUNDATION PLAN**

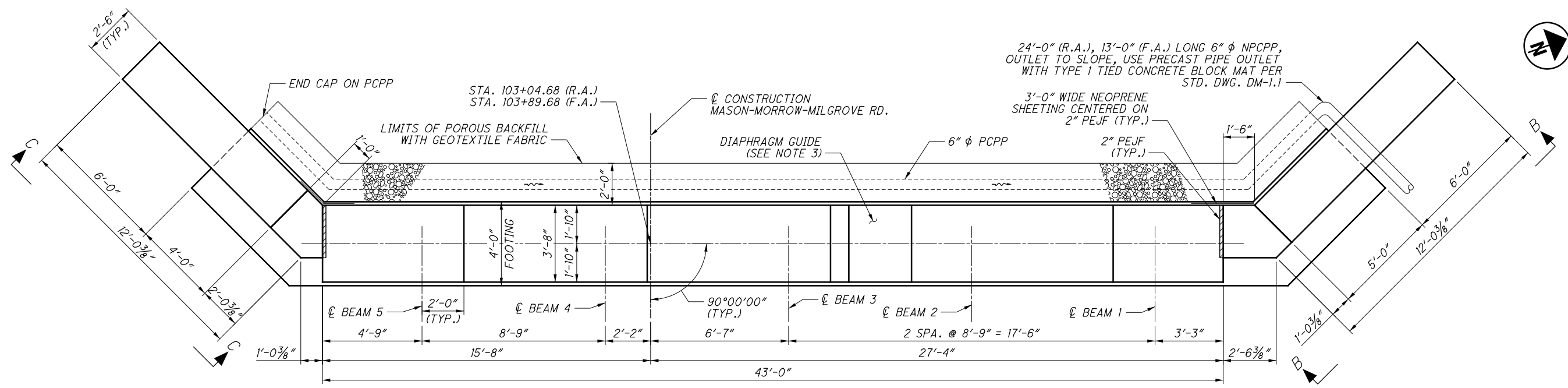
**NOTES:**

1. LIMITS OF EXISTING BRIDGE SUBSTRUCTURE UNITS AND FOUNDATIONS ARE BASED ON FIELD SURVEY INFORMATION.
2. REMOVAL LIMITS SHALL BE VERIFIED IN THE FIELD BASED ON PROPOSED DRILLED SHAFT AND FOOTING LOCATIONS.
3. SEE GENERAL NOTES, SHEET 2/22, FOR GUIDANCE ON POTENTIAL EXISTING FOOTING CONFLICT IN RELATION TO THE DRILLED SHAFT LOCATIONS SPECIFIED.

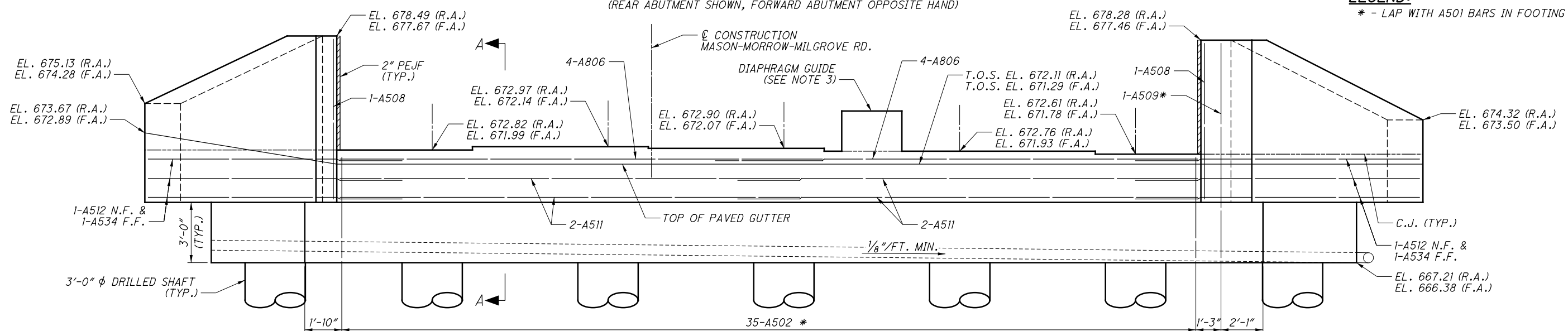


<p><b>WAR - CR38 - 00.37</b> PID No. N/A</p>	<p><b>FOUNDATION PLAN AND REMOVAL DETAILS</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED</td> <td>BMG</td> <td>CHECKED</td> <td>TLC</td> </tr> <tr> <td>DRAWN</td> <td>BMG</td> <td>REVISED</td> <td></td> </tr> <tr> <td>REVIEWED</td> <td>JPC</td> <td>STRUCTURE FILE NUMBER</td> <td>8331220</td> </tr> <tr> <td>DATE</td> <td>9/11/23</td> <td></td> <td></td> </tr> </table>	DESIGNED	BMG	CHECKED	TLC	DRAWN	BMG	REVISED		REVIEWED	JPC	STRUCTURE FILE NUMBER	8331220	DATE	9/11/23			<p>DESIGN AGENCY <b>fishbeck</b> FISHBECK REED HARTMAN HWY CINCINNATI, OH 45242</p>
DESIGNED	BMG	CHECKED	TLC																
DRAWN	BMG	REVISED																	
REVIEWED	JPC	STRUCTURE FILE NUMBER	8331220																
DATE	9/11/23																		

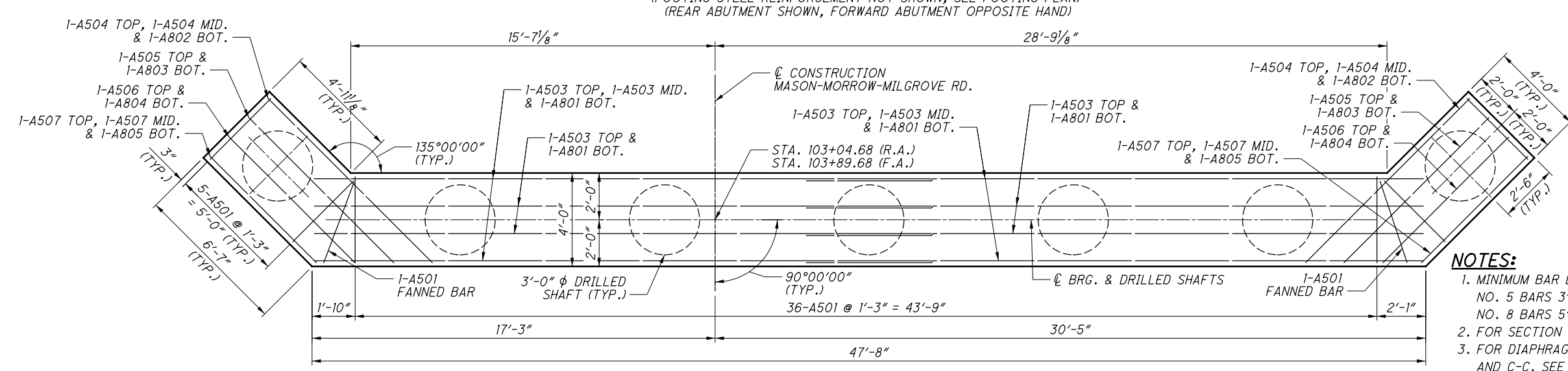
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**PLAN**  
(REAR ABUTMENT SHOWN, FORWARD ABUTMENT OPPOSITE HAND)



**ELEVATION**  
(FOOTING STEEL REINFORCEMENT NOT SHOWN, SEE FOOTING PLAN)  
(REAR ABUTMENT SHOWN, FORWARD ABUTMENT OPPOSITE HAND)

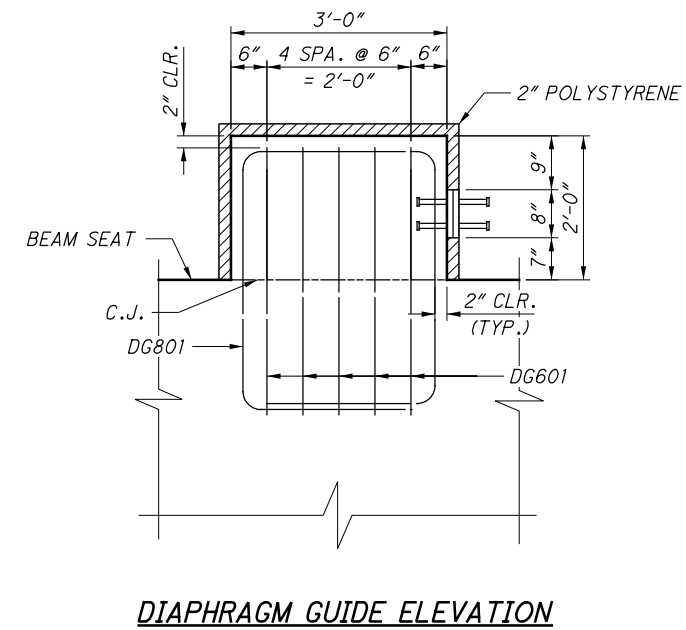
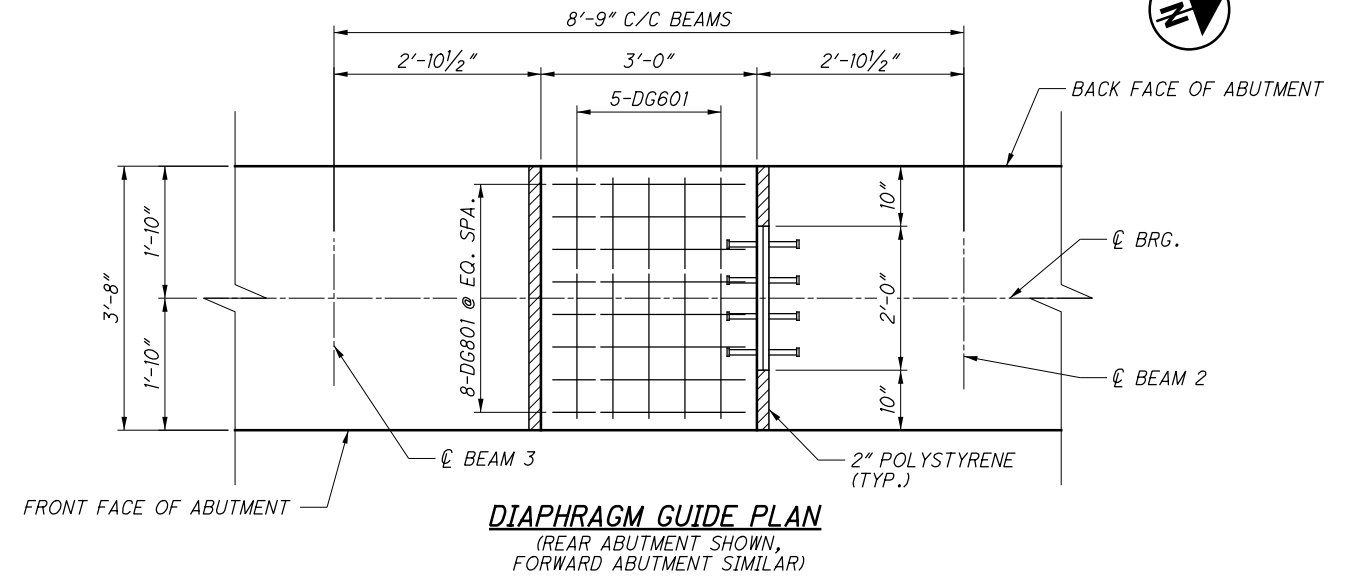
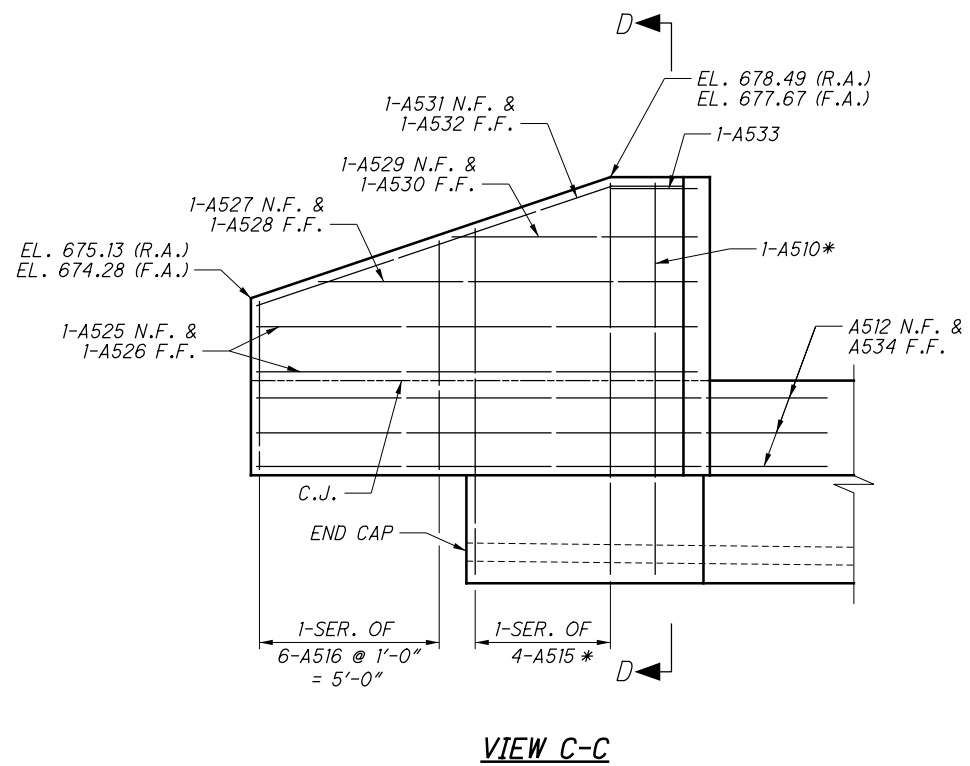
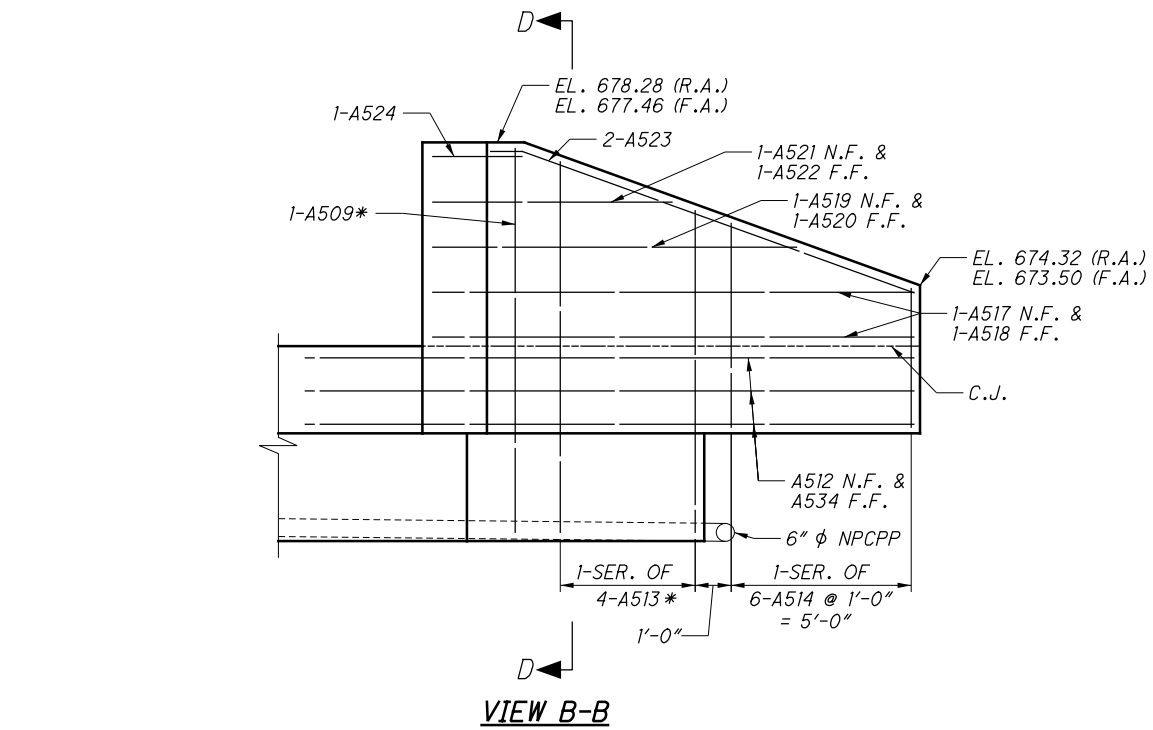


**FOOTING PLAN**  
(REAR ABUTMENT SHOWN, FORWARD ABUTMENT OPPOSITE HAND)

- NOTES:**
1. MINIMUM BAR LAPS  
NO. 5 BARS 3'-1"  
NO. 8 BARS 5'-4"
  2. FOR SECTION A-A, SEE SHEET **8/22**.
  3. FOR DIAPHRAGM GUIDE DETAILS AND VIEW B-B AND C-C, SEE SHEET **7/22**.
  4. FOR FOUNDATION PLAN, SEE SHEET **5/22**.
  5. FOR ABUTMENT DIAPHRAGM DETAILS, SEE SHEET **17/22**.

	DESIGN AGENCY	FISHBECK 10856 REED HARTMAN HWY CINCINNATI, OH 45242
	REVIEWED	JPC
	DATE	9/11/23
	STRUCTURE FILE NUMBER	8331220
DESIGNED	BMG	TLC
DRAWN	BMG	REVISED
CHECKED	TLC	
<b>ABUTMENT PLAN AND ELEVATION</b> WAR-CR0038-00.37 MASON-MORROW-MILGROVE RD. OVER MUDDY CREEK		
<b>WAR - CR38 - 00.37</b> PID No. N / A		
6 / 22		
21 59		

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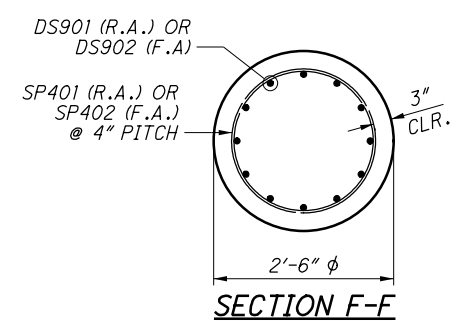
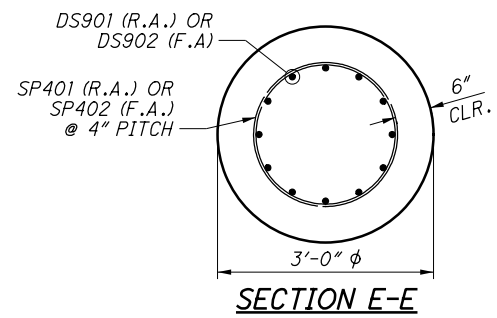
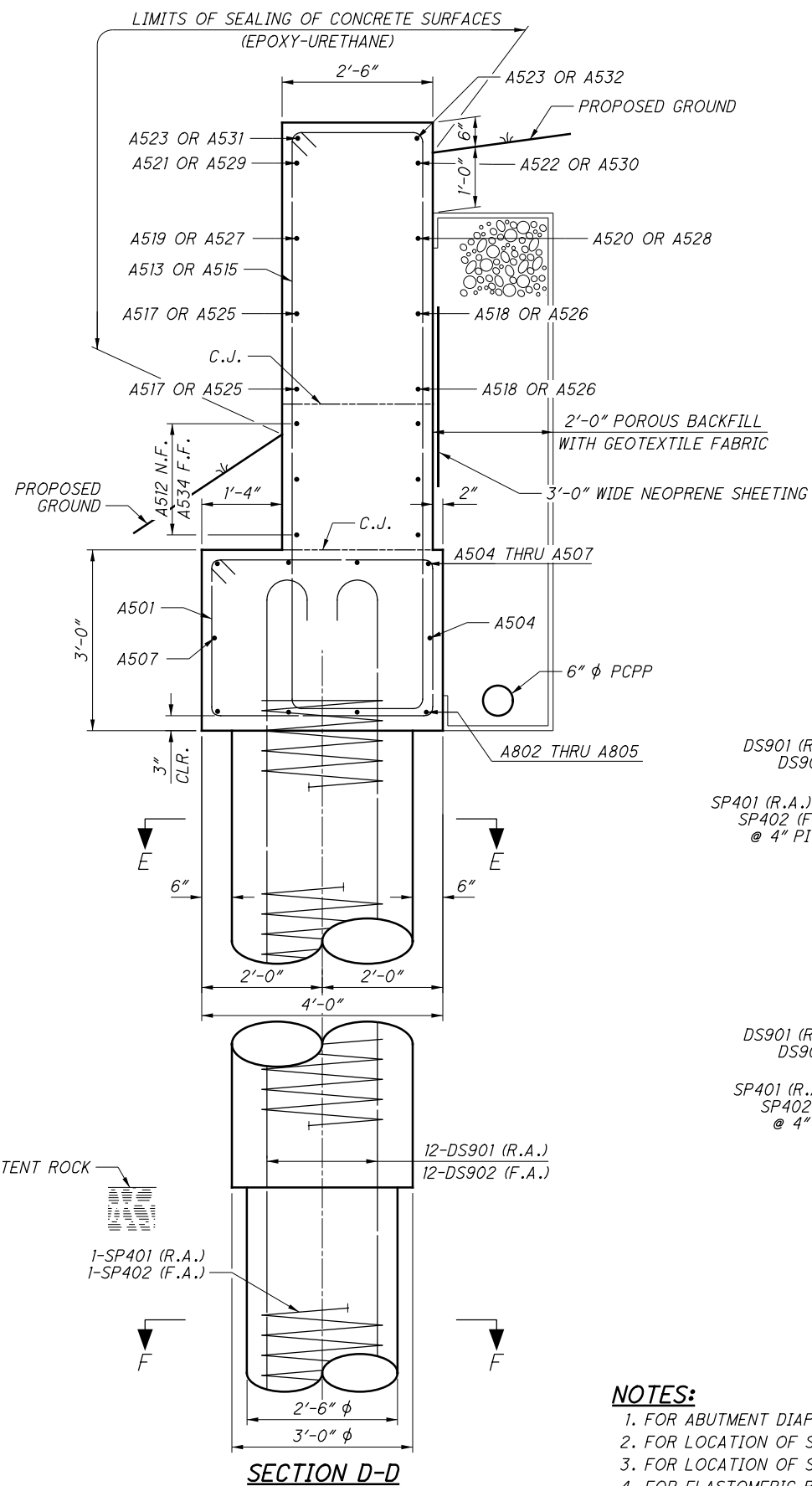
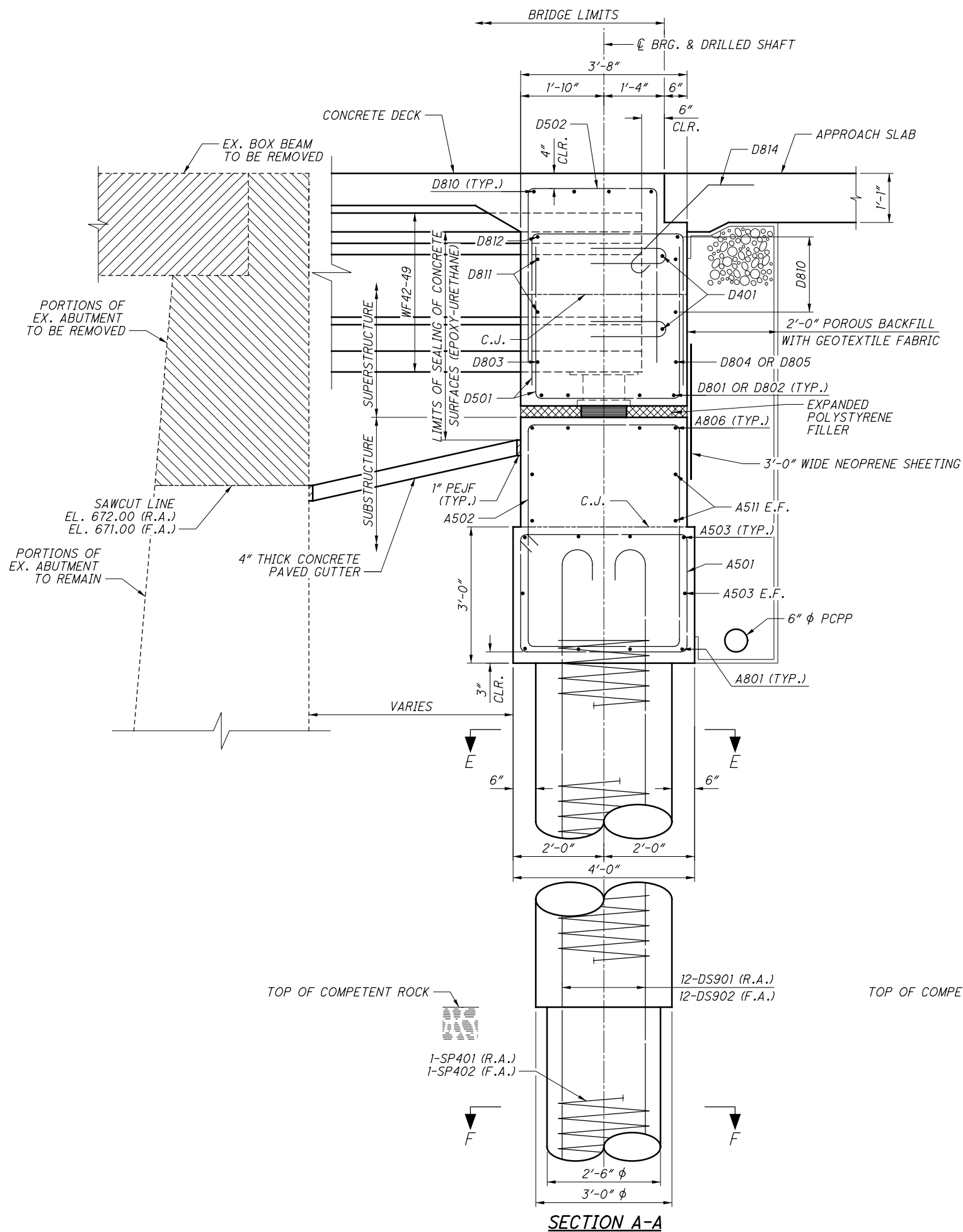
**LEGEND:**  
\* - LAP WITH A501 BARS IN FOOTING

**NOTES:**  
1. FOR SECTION D-D, SEE SHEET 8/22.  
2. FOR ADDITIONAL DIAPHRAGM GUIDE NOTES AND DETAILS, SEE ODOT STD. DWG. SICD-2-14.  
3. DIAPHRAGM GUIDE CAULK, POLYSTYRENE, CONCRETE, REINFORCEMENT AND RUB PLATES SHALL BE INCLUDED WITH ITEM 511 - SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN.

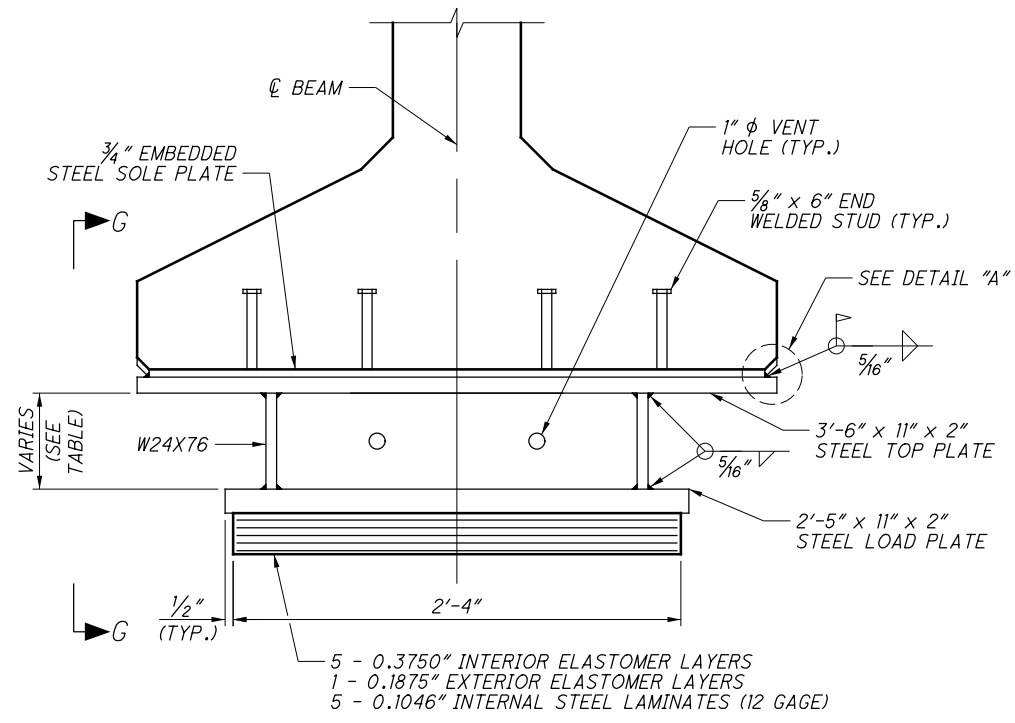


DESIGN AGENCY	fishbeck
DESIGNED BY	BMG
CHECKED BY	TLC
DRAWN BY	BMG
REVIEWED BY	JPC
DATE	9/11/23
STRUCTURE FILE NUMBER	8331220
DESIGN AGENCY	FISHBECK REED HARTMAN HWY CINCINNATI, OH 45242
<b>ABUTMENT DETAILS (1 OF 2)</b>	
WAR-CR0038-00.37	
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK	
WAR-CR38-00.37	PID No. N/A
7/22	22/59

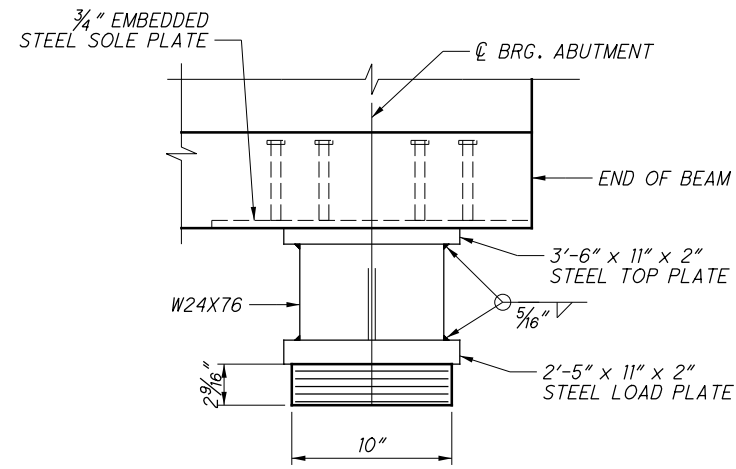
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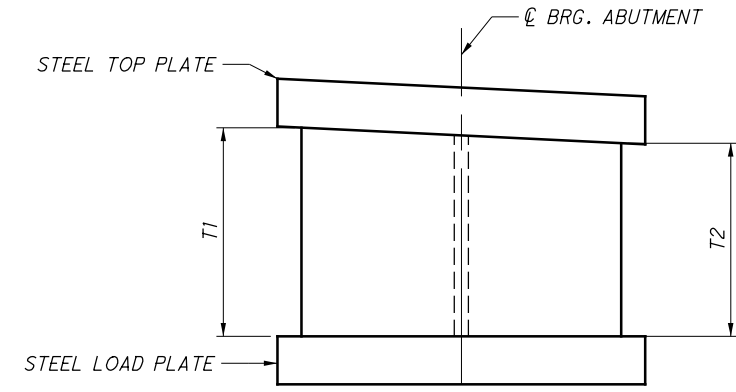
- NOTES:**
1. FOR ABUTMENT DIAPHRAGM DETAILS, SEE SHEET [17/22](#).
  2. FOR LOCATION OF SECTION A-A, SEE SHEET [6/22](#).
  3. FOR LOCATION OF SECTION D-D, SEE SHEET [7/22](#).
  4. FOR ELASTOMERIC BEARING DETAILS, SEE SHEET [9/22](#).



**ABUTMENT BEARINGS**

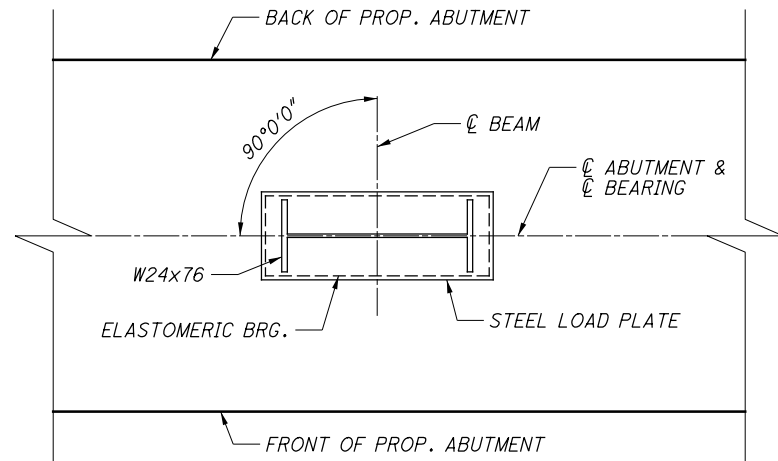


**VIEW G-G**



**BEVELED W SHAPE DETAIL**

BEVELED W SHAPE HEIGHT TABLE		
BEARING LOCATION	DOWNSTATION (T1)	UPSTATION (T2)
R.A	6"	6"
F.A	6 3/16"	6"



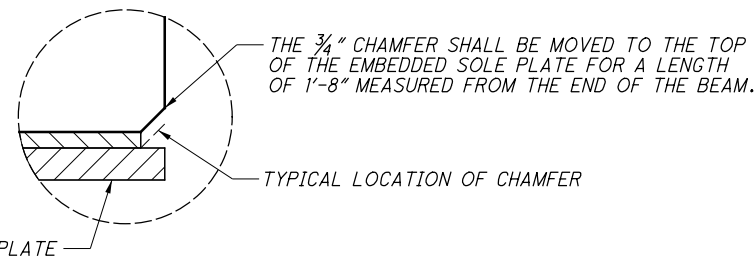
**ABUTMENT BEARING PLAN**

(REAR ABUTMENT SHOWN, FORWARD ABUTMENT SIMILAR)

LAMINATED ELASTOMERIC BEARING DATA					
BEARING LOCATION	BEARING TYPE	NUMBER REQUIRED	DEAD LOAD (KIPS)	LIVE LOAD (KIPS)	TOTAL LOAD (KIPS)
R.A	EXPANSION	5	167.45	49.82	217.27
F.A	EXPANSION	5	167.45	49.82	217.27

**NOTES:**

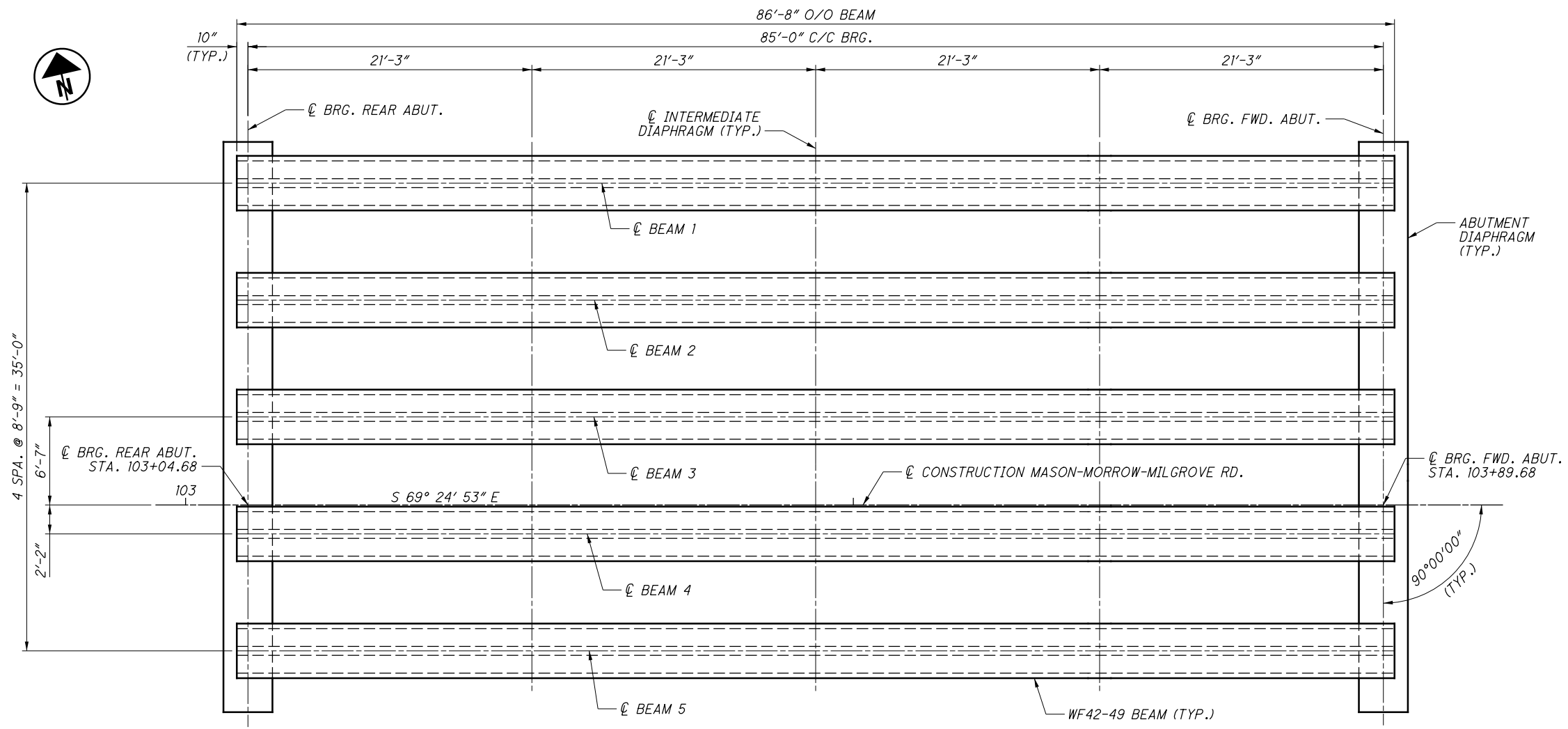
- ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
- ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE AND A DIRECTION ARROW THAT POINTS UPSTATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.
- ALL STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50 STEEL AND SHALL BE GALVANIZED ACCORDING TO C&MS 711.02.
- THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. CONTROL WELDING SO THAT THE PLATE TEMPERATURE AT THE ELASTOMER BONDED SURFACE DOES NOT EXCEED 300°F AS DETERMINED BY THE USE OF PYROMETRIC STICKS OR OTHER TEMPERATURE MONITORING DEVICES.
- TOTAL DESIGN LOAD FOR BEARINGS EQUALS THE SUM OF THE DEAD LOADS AND LIVE LOADS TABULATED IN THE BEARING TABLE. LOADS ARE UNFACTORED.
- LOCATE HEADED STUDS IN THE I-BEAM TO AVOID PRESTRESSING STRANDS. DETAILED SHOP DRAWINGS SHALL BE SUBMITTED BY THE PRESTRESS BEAM MANUFACTURER FOR THE EMBEDMENT PLATE.
- ALL HEADED STUDS SHALL BE 5/8" DIAMETER, ASTM A108 AND SHALL BE GALVANIZED ACCORDING TO C&MS 711.02.
- BASIS OF PAYMENT: THE UNIT BID PRICE SHALL INCLUDE ALL MATERIALS, LABOR, TESTING AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS, STEEL LOAD PLATES, AND STEEL W SHAPES. PAYMENT WILL BE MADE AT THE CONTRACT PRICE FOR ITEM 516, EACH, ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN.
- FOR ADDITIONAL NOTES AND DETAILS SEE STD. DWG. PSID-1-13.



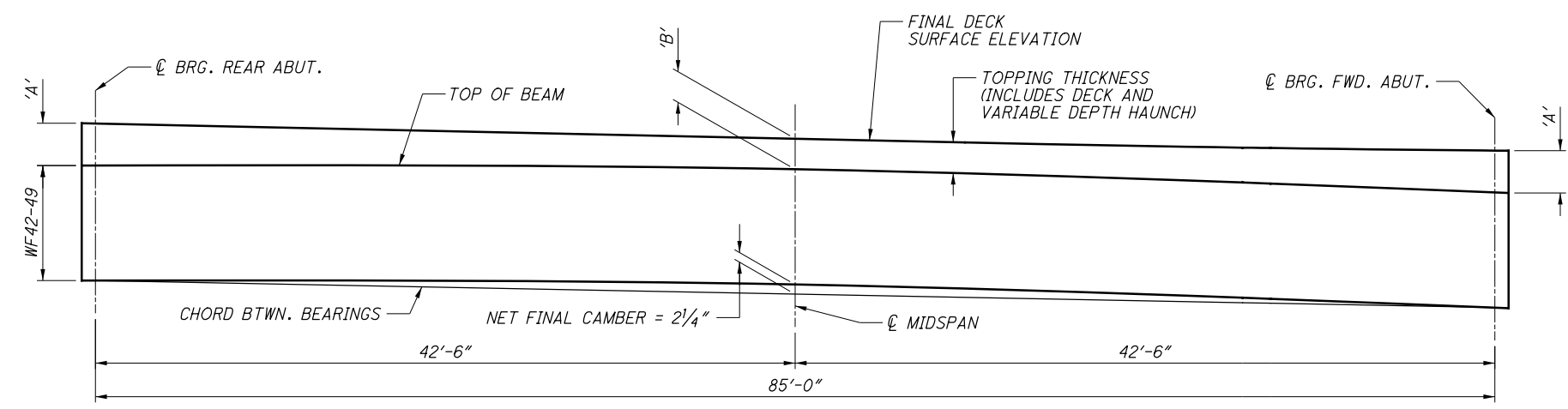
**DETAIL "A"**

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**FRAMING PLAN**



**CAMBER DIAGRAM**

TOPPING THICKNESS		
BEAM	'A'	'B'
B1	14.04"	11.08"
B2	13.90"	11.08"
B3	13.90"	11.08"
B4	13.90"	11.08"
B5	13.96"	11.08"

**NOTES:**

- FOR CONCRETE INTERMEDIATE DIAPHRAGM DETAILS AND NOTES, SEE SHEET [12/22].
- FOR END DIAPHRAGM DETAILS, SEE SHEET [17/22].
- FOR BEAM DETAILS, SEE SHEET [11/22].
- CAMBER:  
ESTIMATED CAMBER AT DAY 0 (D0) IS 2.33 INCHES.  
ESTIMATED CAMBER AT DAY 30 (D30) IS 3.84 INCHES.  
DEFLECTION DUE TO REMAINING DEAD LOAD (E.G. CONCRETE DECK, CROSS-FRAMES, DIAPHRAGMS, BRIDGE RAILING, UTILITIES, ETC.) IS 1.52 INCHES FOR BEAM 1, 1.65 INCHES FOR BEAMS 2 THRU 4, AND 1.6 INCHES FOR BEAM 5. THE BEAM SEAT ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 3.21 INCHES.
- DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES A VARIABLE HAUNCH THICKNESS THAT PROVIDES AN ALLOWANCE FOR: VERTICAL GRADE ADJUSTMENT, BEAM CAMBER AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.

DESIGN AGENCY: **fishbeck** FISHBECK 10856 REED HARTMAN HWY CINCINNATI, OH 45242

DATE: 9/11/23

REVIEWED: JPC

STRUCTURE FILE NUMBER: 8331220

DESIGNED: MLF

CHECKED: BMG

FRAMING PLAN & CAMBER DIAGRAM

WAR-CR0038-00.37

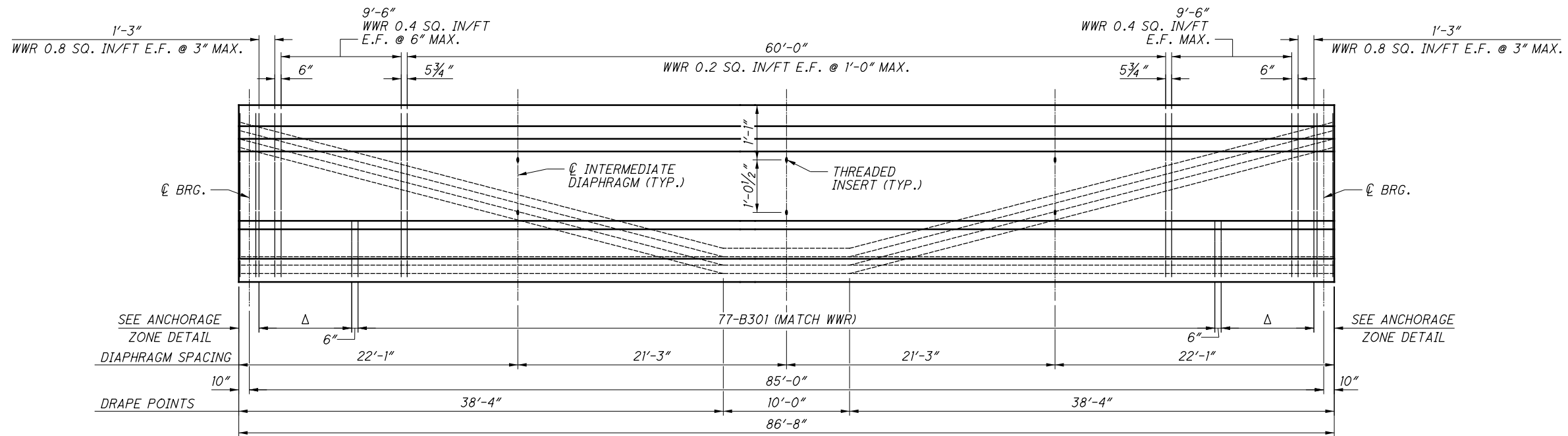
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK

WAR - CR 38 - 00.37

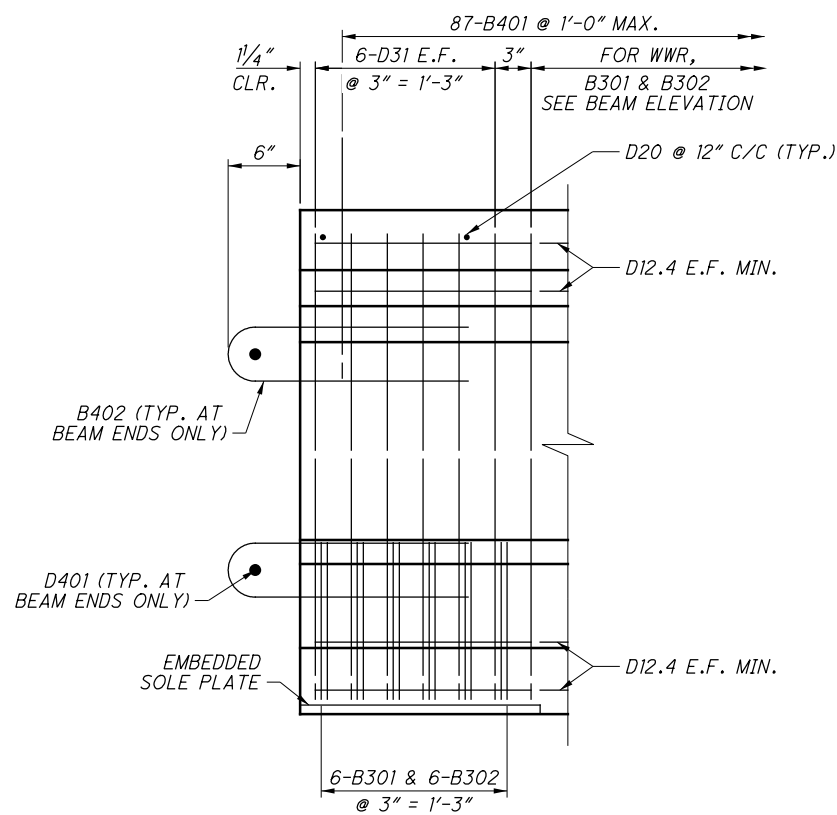
PID No. N / A

10 / 22

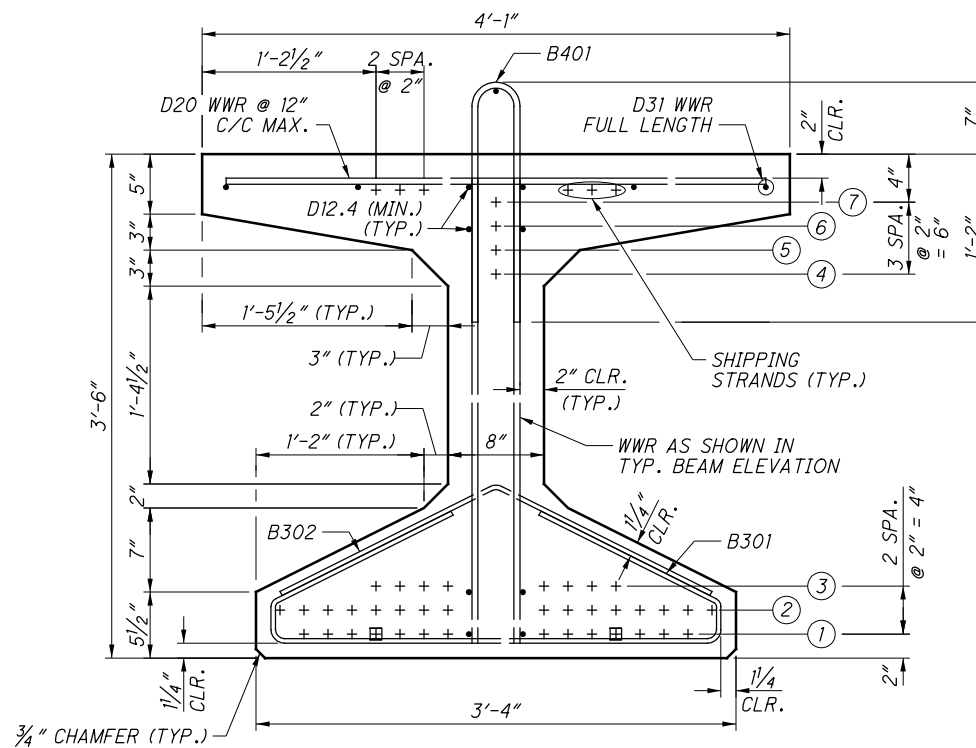
25 / 59



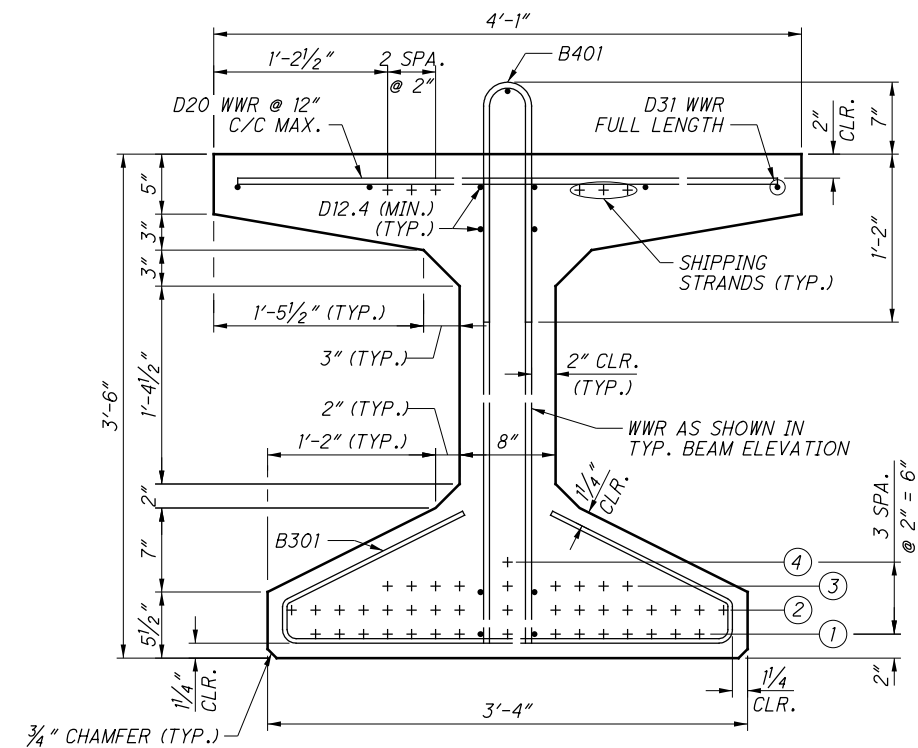
**BEAM ELEVATION**



**ANCHORAGE ZONE REINFORCEMENT DETAIL**  
(STRANDS NOT SHOWN FOR CLARITY)



**WF42-49 BEAM SECTION**  
(AT BEAM ENDS)



**WF42-49 BEAM SECTION**  
(AT MID SPAN)

**LEGEND:**

- Δ - 15-B301 & B302 @ 6" MAX.
- - 4'-0" DEBONDED STRAND LENGTH EACH END
- ⊕ - INDICATES STRAND ROW

**REINFORCING STEEL NOTES:**

1. THE B401 AND B402 BARS SHALL BE EPOXY COATED.
2. ALL REINFORCING STEEL MAY BE REPLACED WITH EQUIVALENT WWR.
3. THE REQUIRED LAP LENGTHS ARE AS FOLLOWS:  
2'-0" MIN. LAP FOR D20 WWR  
2'-6" MIN. LAP FOR D31 WWR

**NOTES:**

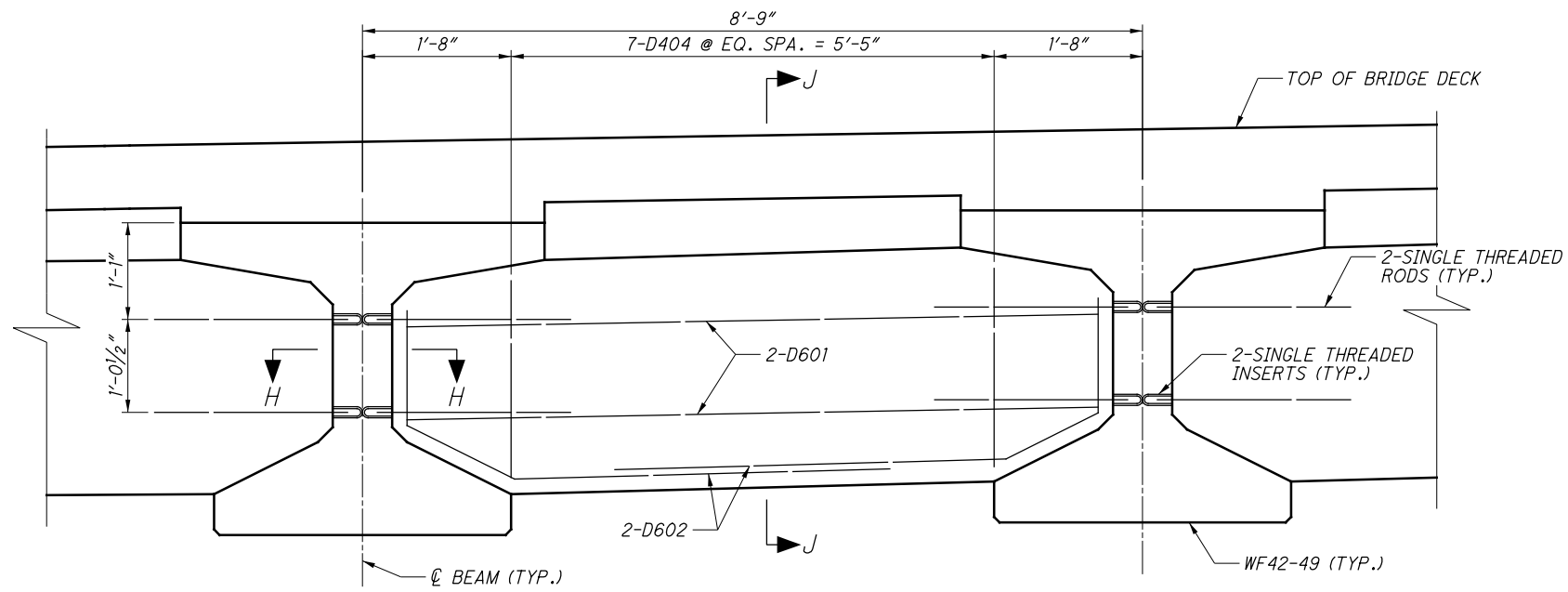
1. SHIPPING STRANDS SHALL BE CUT ACCORDING TO CMS 515.16 AFTER ALL HANDLING OPERATIONS ARE COMPLETE. FOR ADDITIONAL DETAILS AND NOTES, SEE ODDOT STD. DWG. PSID-1-13.
2. ADJUST SPACING OF STEEL REINFORCING AS REQUIRED TO CLEAR EMBEDDED STEEL PLATE END WELDED STUDS.
3. WWR DENOTES WELDED WIRE REINFORCEMENT.
4. ALL PRESTRESSING STRANDS SHALL CONFORM TO CMS 711.27, GRADE 270, SEVEN WIRE, UNCOATED, LOW RELAXATION STRAND, WITH A DIAMETER OF 0.6 INCHES AND A NORMAL AREA OF 0.217 SQUARE INCHES.
5. INITIAL FORCE PER STRAND = 43,950 POUNDS/STRAND  
TOTAL HOLD-DOWN CAPACITY REQUIRED = 12,035 POUNDS.
6. FOR BEAM CAMBER DIAGRAM, SEE SHEET [10/22].

**BEAM PRESTRESSING STRANDS, MATERIALS, AND REINFORCEMENT**

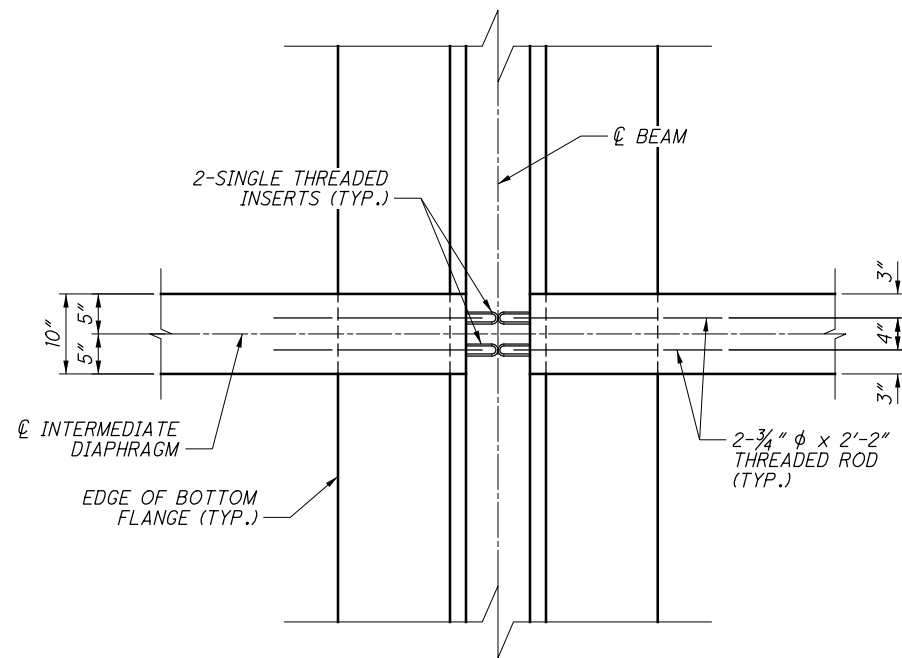
BEAM MARK	NUMBER OF STRANDS PER ROW										TOTAL STRANDS	CONCRETE STRENGTHS		B301 BARS REQ'D	B302 BARS REQ'D	B401 BARS REQ'D	B402 BARS REQ'D	BEAM WEIGHT (LBS)	
	END					MID-SPAN						f'ci	f'c						
	①	②	③	④	⑤	①	②	③	④										
B1-B5	14	16	8	1	1	1	1	15	17	9	1	42	6.0 KSI	8.0 KSI	119	42	87	4	83,625

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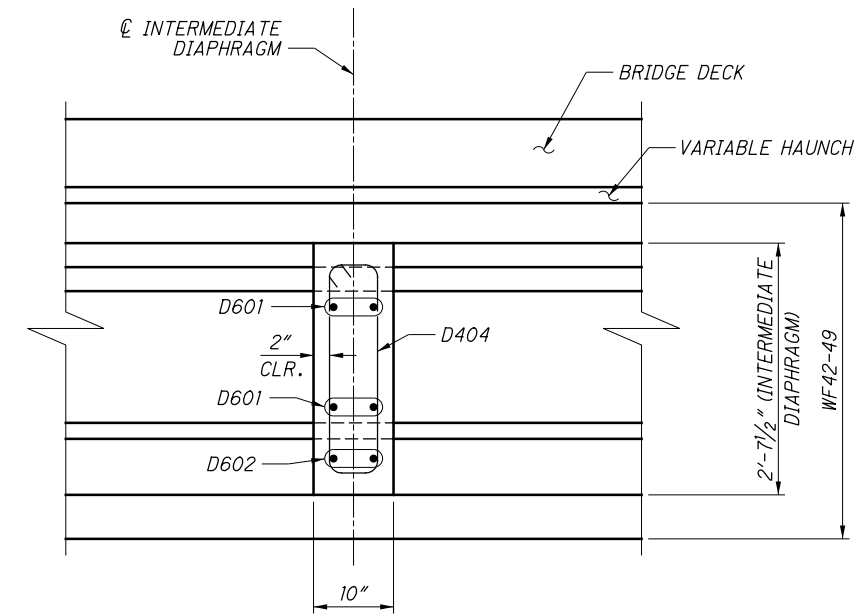
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**INTERMEDIATE DIAPHRAGM PARTIAL ELEVATION**



**SECTION H-H**



**SECTION J-J**

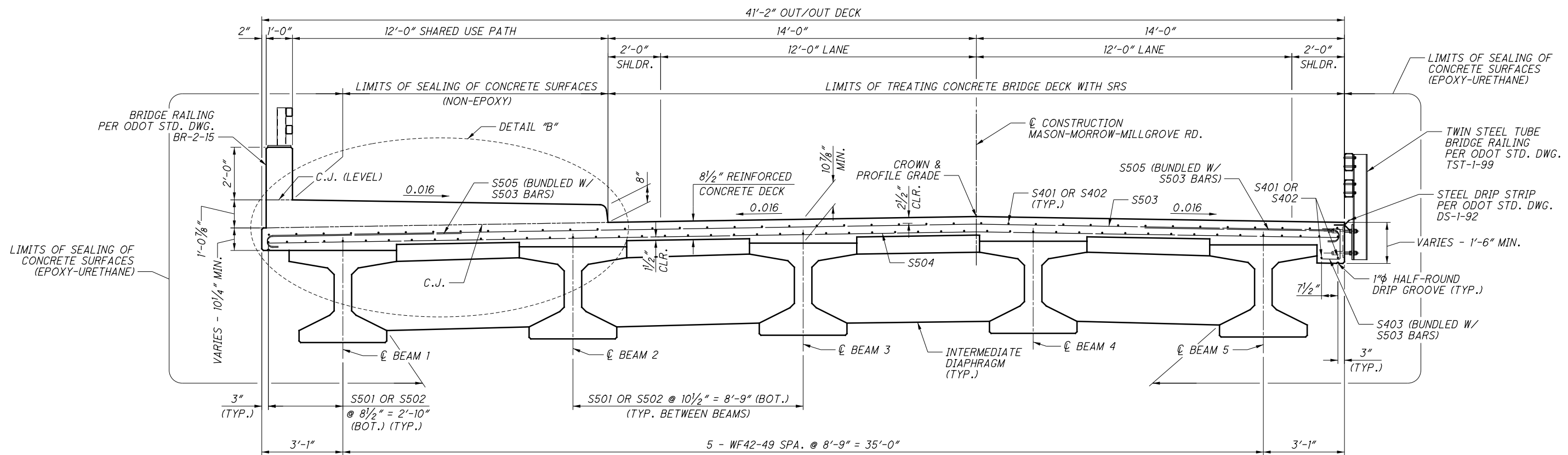
**NOTES:**

1. FOR ADDITIONAL DETAILS AND NOTES, SEE ODDOT STD. DWG. PSID-1-13.
2. FOR FRAMING PLAN, SEE SHEET 10/22.

<b>WAR - CR38 - 00.37</b> PID No. N / A	<b>INTERMEDIATE DIAPHRAGM DETAILS</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK		DESIGNED TLC CHECKED BMG	DRAWN TLC REVISED	REVIEWED JPC STRUCTURE FILE NUMBER 8331220	DATE 9/11/23	DESIGN AGENCY <b>fishbeck</b> <small>FISHBECK REED HARTMAN HWY          CINCINNATI, OH 45242</small>
	12 / 22	27 / 59					

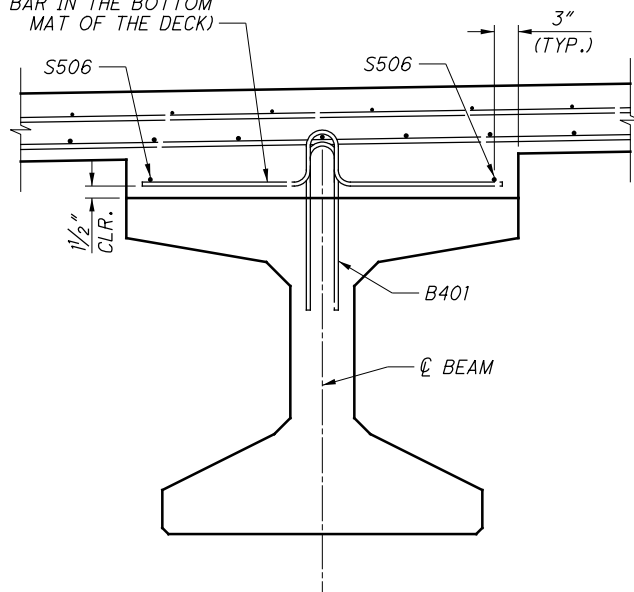


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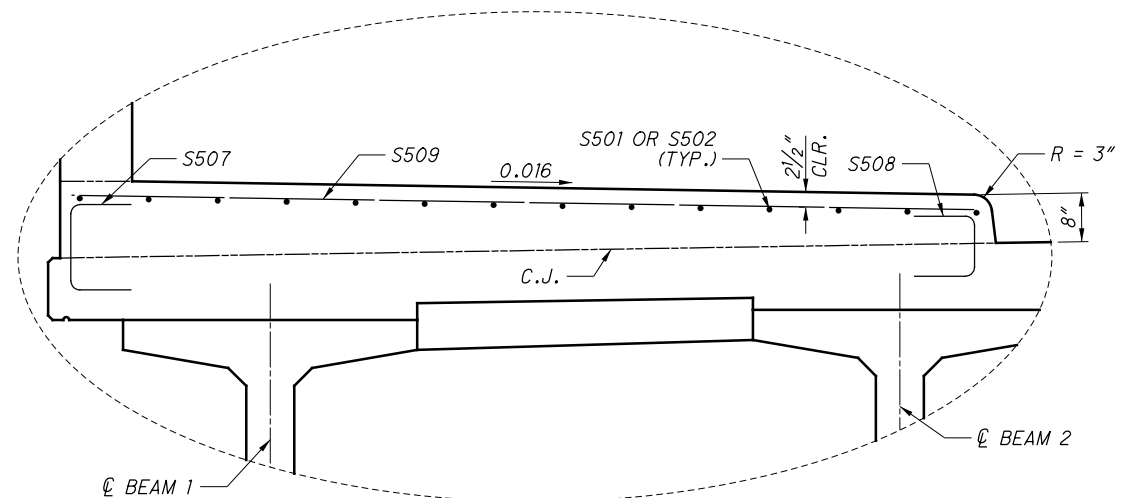


**TRANSVERSE SECTION**

S404 SUPPLEMENTAL HAUNCH BAR (SPA. TO MATCH B401 BAR, BUT LAP SPLICE WITH B401 BAR IS NOT REQUIRED. SUPPLEMENTAL BAR MAY BE TIPPED OVER FROM VERTICAL 4:1 MAX. (V:H) TO ACCOMODATE PLACEMENT. TOP OF SUPPLEMENTAL BAR SHALL BE HOOKED OVER A LONGITUDINAL BAR IN THE BOTTOM MAT OF THE DECK)



**HAUNCH REINFORCEMENT DETAIL**



**DETAIL "B"**

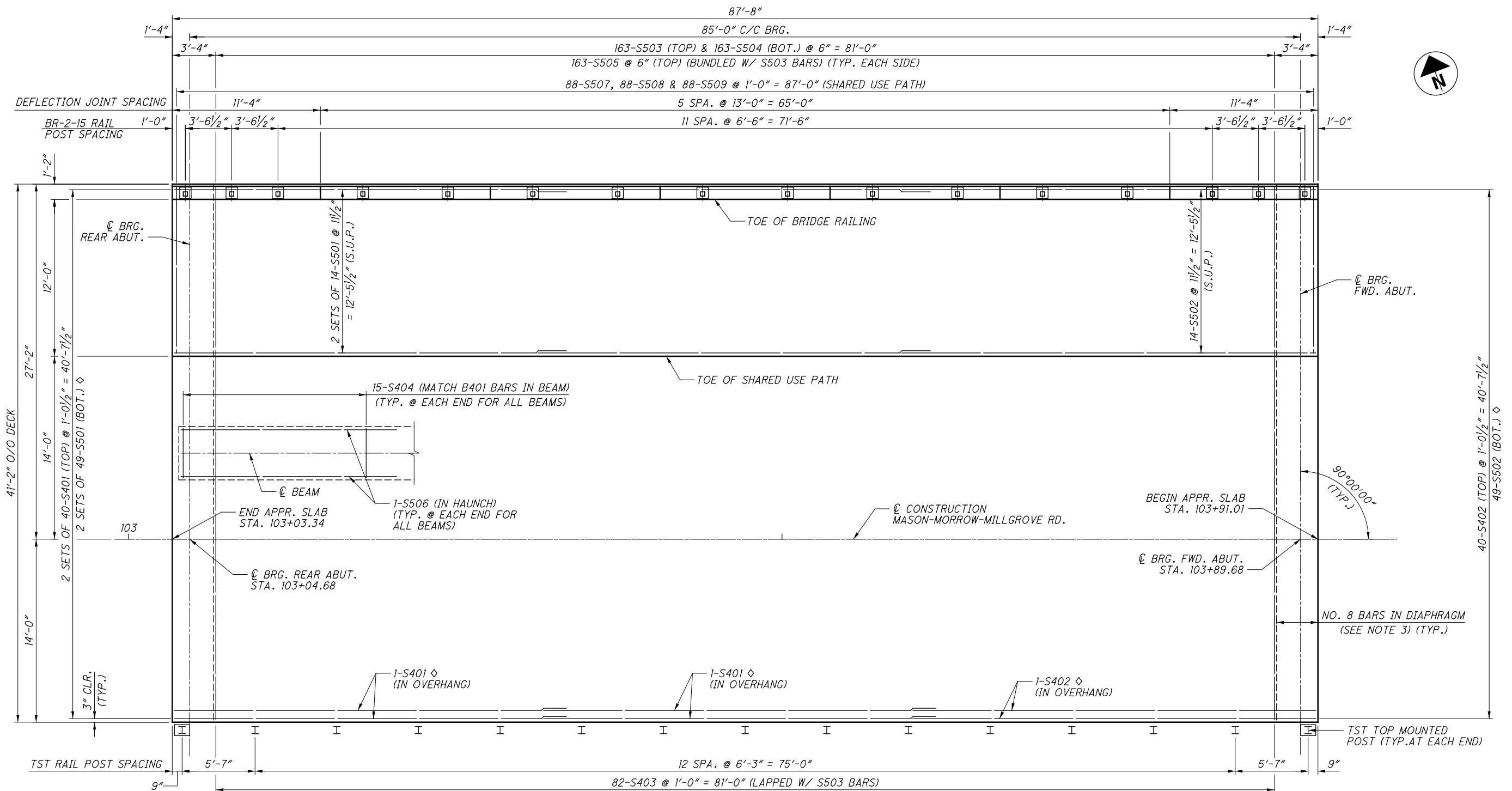
(DECK AND RAILING STEEL REINFORCEMENT NOT SHOWN FOR CLARITY)

**NOTES:**

1. DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES VARIABLE HAUNCH THICKNESS THAT PROVIDES AN ALLOWANCE FOR: BEAM CAMBER, VERTICAL GRADE ADJUSTMENT AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.
2. FOR DECK PLAN, SEE SHEET 14/22.
3. FOR INTERMEDIATE DIAPHRAGM DETAILS, SEE SHEET 12/22.
4. FOR FINAL DECK, SCREED AND TOP OF HAUNCH ELEVATIONS, SEE SHEETS 15/22 AND 16/22.
5. FOR BRIDGE RAILING DETAILS, SEE SHEET 18/22.

DESIGN AGENCY	fishbeck
DESIGNED BY	BMG
CHECKED BY	TLC
DRAWN BY	BMG
REVIEWED BY	JPC
DATE	9/11/23
STRUCTURE FILE NUMBER	8331220
TRANSVERSE SECTION	WAR-CR0038-00.37
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK	
WAR - CR38 - 00.37	PID No. N / A
13 / 22	28 / 59

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**DECK PLAN**

**LEGEND:**

◇ - SPACED AS SHOWN IN TRANSVERSE SECTION

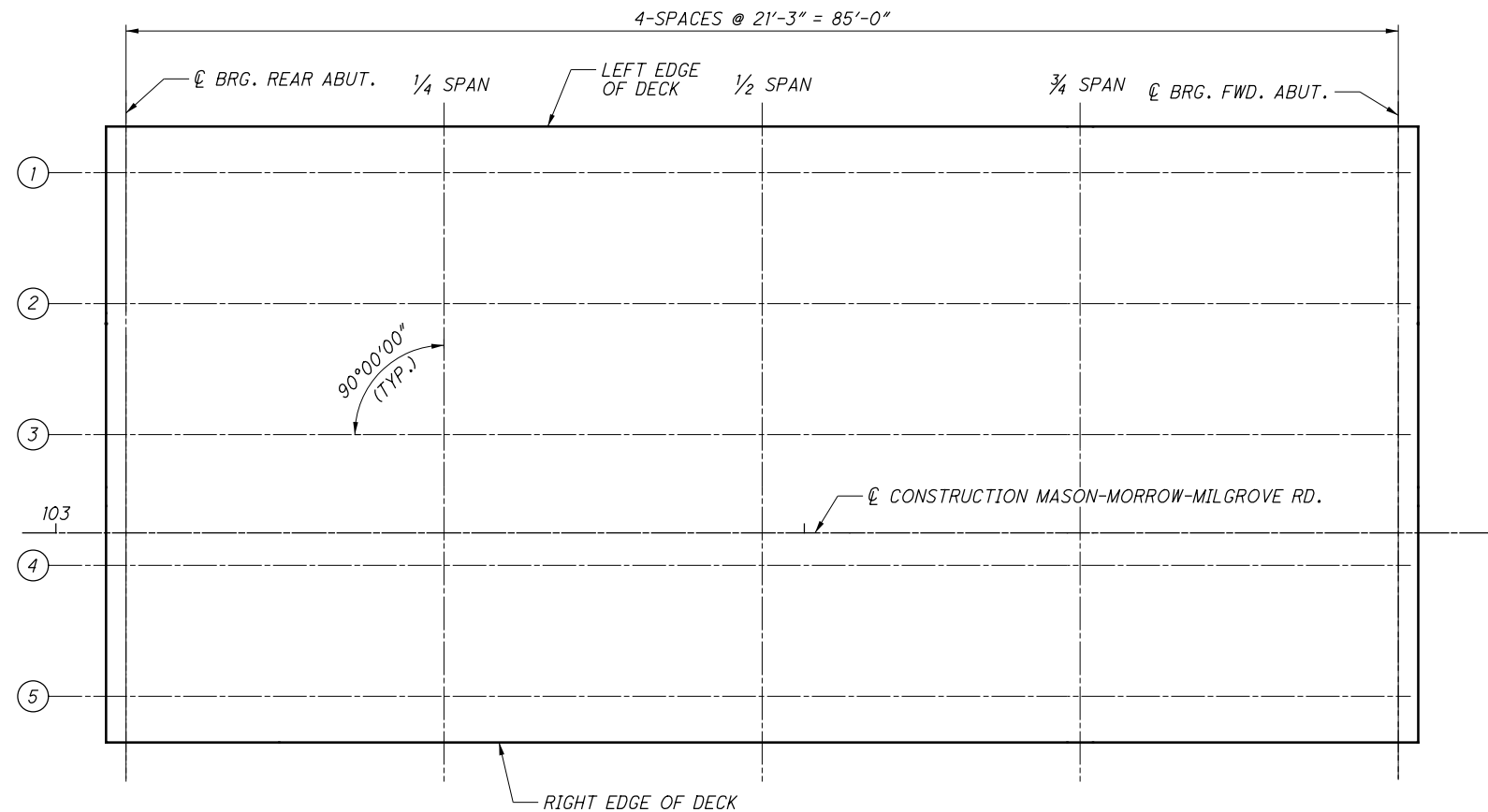
**NOTES:**

1. MINIMUM BAR LAPS  
NO. 4 BARS - 1'-9"  
NO. 5 BARS - 2'-2"
2. FOR TRANSVERSE SECTION AND HAUNCH REINFORCEMENT DETAIL, SEE SHEET 13/22.
3. FOR SEMI-INTEGRAL DIAPHRAGM DETAILS, SEE SHEET 17/22.
4. FOR NORTH SIDE BRIDGE RAILING DETAILS, SEE SHEET 18/22.
5. FOR FINAL DECK, SCREED AND TOP OF HAUNCH ELEVATIONS, SEE SHEETS 15/22 AND 16/22.

DESIGN AGENCY		fishbeck	
DESIGNED	BMG	CHECKED	TLC
DRAWN	BMG	REVIEWED	JPC
DATE	9/11/23	STRUCTURE FILE NUMBER	8331220
WAR-CR38-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK			
WAR-CR38-00.37		PID No. N/A	
14/22		29/59	

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FINAL DECK SURFACE ELEVATIONS						
LOCATION		R.A.	1/4	1/2	3/4	F.A.
LEFT EDGE OF DECK	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	27.17 LT	27.17 LT	27.17 LT	27.17 LT	27.17 LT
	ELEVATION	678.28	678.05	677.82	677.60	677.46
BEAM 1	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	24.08 LT	24.08 LT	24.08 LT	24.08 LT	24.08 LT
	ELEVATION	678.33	678.10	677.87	677.65	677.51
BEAM 2	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	15.33 LT	15.33 LT	15.33 LT	15.33 LT	15.33 LT
	ELEVATION	678.47	678.24	678.01	677.79	677.65
BEAM 3	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	6.58 LT	6.58 LT	6.58 LT	6.58 LT	6.58 LT
	ELEVATION	678.61	678.38	678.15	677.93	677.79
CROWN AND PROFILE GRADE	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	0.00	0.00	0.00	0.00	0.00
	ELEVATION	678.72	678.48	678.25	678.03	677.89
BEAM 4	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	2.17 RT	2.17 RT	2.17 RT	2.17 RT	2.17 RT
	ELEVATION	678.68	678.45	678.22	678.00	677.86
BEAM 5	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	10.92 RT	10.92 RT	10.92 RT	10.92 RT	10.92 RT
	ELEVATION	678.54	678.31	678.08	677.86	677.72
RIGHT EDGE OF DECK	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	14.00 RT	14.00 RT	14.00 RT	14.00 RT	14.00 RT
	ELEVATION	678.49	678.26	678.03	677.81	677.67



DECK KEY PLAN

**LEGEND:**

⊕ - BEAM DESIGNATION

**NOTES:**

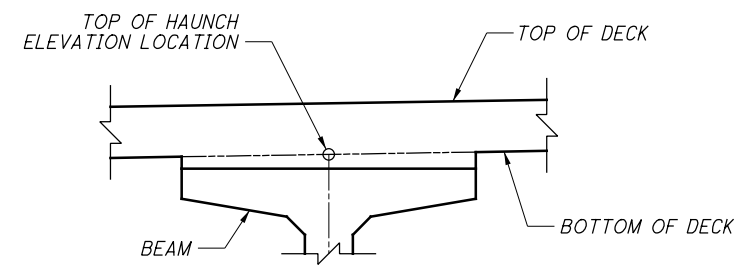
1. FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURRED.
2. FOR SCREED ELEVATIONS AND TOP OF HAUNCH ELEVATIONS, SEE SHEET 16/22.
3. ALL STATIONS AND OFFSETS SHOWN ARE GIVEN FROM THE ⊕ CONSTRUCTION MASON-MORROW-MILGROVE ROAD.

DESIGNED TLC BMG	DRAWN TLC REVISED	REVIEWED JPC	DATE 9/11/23	DESIGN AGENCY <b>fishbeck</b> FISHBECK REED HARTMAN HWY 10856 REED HARTMAN HWY CINCINNATI, OH 45242
			STRUCTURE FILE NUMBER 8331220	
FINAL DECK SURFACE ELEVATIONS WAR-CR0038-00.37 MASON-MORROW-MILGROVE RD. OVER MUDDY CREEK				
WAR - CR 38 - 00.37		PID No. N / A		
15 / 22		30 / 59		

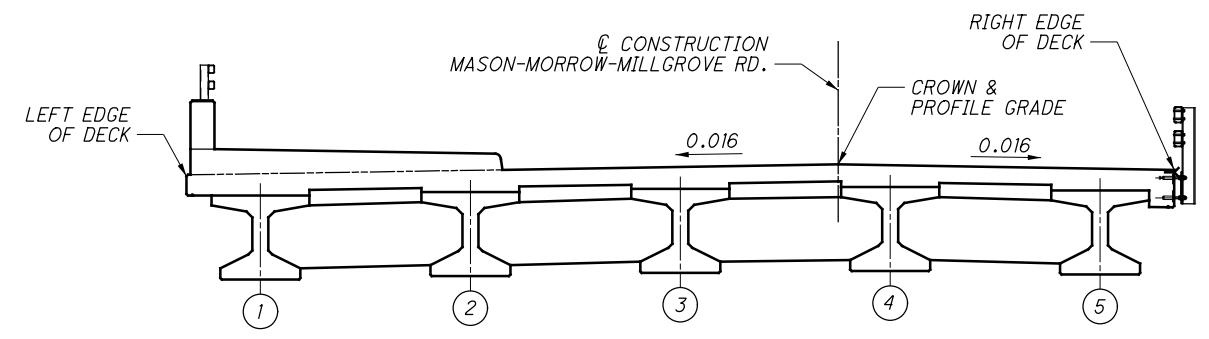
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SCREED ELEVATIONS						
LOCATION		R.A.	1/4	1/2	3/4	F.A.
LEFT EDGE OF DECK	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	27.17 LT	27.17 LT	27.17 LT	27.17 LT	27.17 LT
	ELEVATION	678.28	678.14	677.94	677.68	677.46
CROWN & PROFILE GRADE	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	0.00	0.00	0.00	0.00	0.00
	ELEVATION	678.72	678.58	678.39	678.13	677.89
RIGHT EDGE OF DECK	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	14.00 RT	14.00 RT	14.00 RT	14.00 RT	14.00 RT
	ELEVATION	678.49	678.35	678.15	677.89	677.67

TOP OF HAUNCH ELEVATIONS						
LOCATION		R.A.	1/4	1/2	3/4	F.A.
BEAM 1	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	24.08 LT	24.08 LT	24.08 LT	24.08 LT	24.08 LT
	ELEVATION	677.62	677.48	677.28	677.03	676.80
BEAM 2	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	15.33 LT	15.33 LT	15.33 LT	15.33 LT	15.33 LT
	ELEVATION	677.76	677.63	677.44	677.17	676.94
BEAM 3	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	6.58 LT	6.58 LT	6.58 LT	6.58 LT	6.58 LT
	ELEVATION	677.90	677.77	677.58	677.31	677.08
BEAM 4	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	2.17 RT	2.17 RT	2.17 RT	2.17 RT	2.17 RT
	ELEVATION	677.97	677.84	677.65	677.38	677.15
BEAM 5	STATION	103+04.68	103+25.93	103+47.18	103+68.43	103+89.68
	OFFSET	10.92 RT	10.92 RT	10.92 RT	10.92 RT	10.92 RT
	ELEVATION	677.83	677.70	677.51	677.24	677.01



**TOP OF HAUNCH DETAIL**

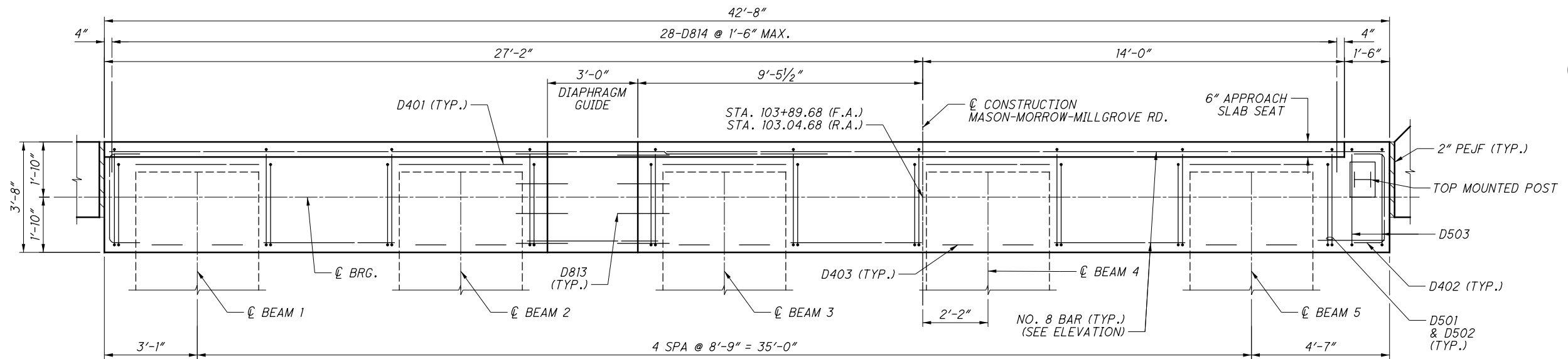


**TYPICAL CROSS SECTION**

**NOTES:**

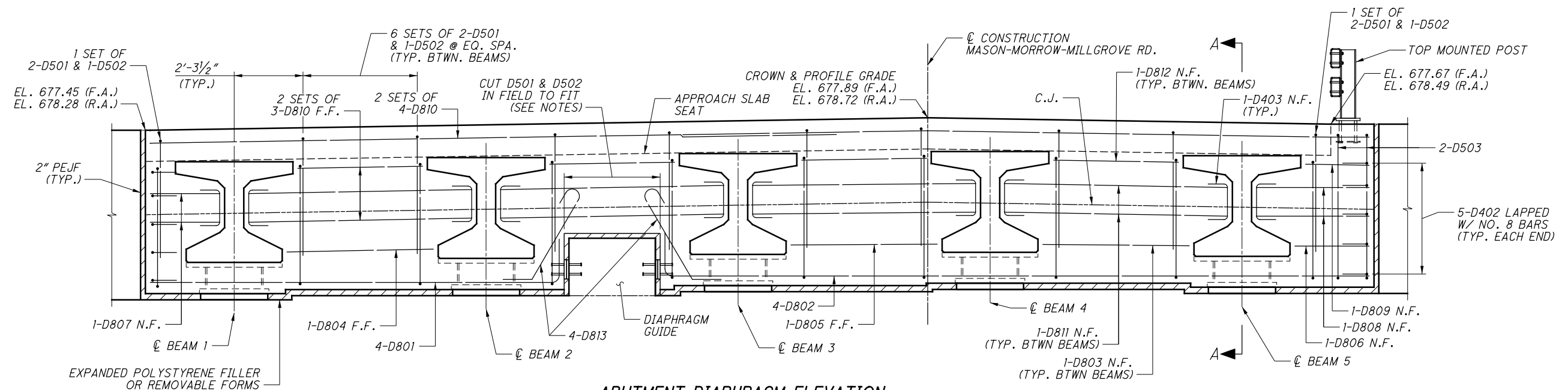
1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FOR KEY PLAN AND FINAL DECK ELEVATIONS, SEE SHEET [15/22].
4. ALL STATIONS AND OFFSETS SHOWN ARE GIVEN FROM THE  $\bar{C}$  CONSTRUCTION MASON-MORROW-MILLGROVE ROAD.

DESIGNED TLC BMG	DRAWN TLC REVISED	REVIEWED JPC	DATE 9/11/23	DESIGN AGENCY <b>fishbeck</b> FISHBECK REED HARTMAN HWY CINCINNATI, OH 45242
		STRUCTURE FILE NUMBER 8331220		
<b>SCREED AND TOP OF HAUNCH ELEVATIONS</b>				
WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK				
<b>WAR - CR38 - 00.37</b>				
PID No. N / A				
16 / 22				
31 59				



**ABUTMENT DIAPHRAGM PLAN**

(FORWARD ABUTMENT SHOWN, REAR ABUTMENT SIMILAR BUT OPPOSITE HAND)



**ABUTMENT DIAPHRAGM ELEVATION**

(FORWARD ABUTMENT SHOWN, REAR ABUTMENT SIMILAR BUT OPPOSITE HAND)

**NOTES:**

1. MINIMUM BAR LAPS:  
NO. 8 BARS = 5'-4"
2. FOR SECTION A-A, SEE SHEET 8/22.
3. FOR ABUTMENT DETAILS, SEE SHEET 6/22.
4. WHERE REINFORCING MAY REQUIRE FIELD CUTTING TO BE PROPERLY FITTED, DAMAGED EPOXY COATING AREAS SHALL BE CLEANED AND REPAIRED IN ACCORDANCE TO THE CMS 509.09 BEFORE CONCRETE PLACEMENT. PAYMENT SHALL BE INCLUDED WITH ITEM 509 - EPOXY COATED STEEL REINFORCEMENT.
5. ABUTMENT DIAPHRAGM CONCRETE: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPARATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON PSID-1-13, SHEET 7 OF 10 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK.



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DESIGN AGENCY  
**fishbeck**  
FISHBECK REED HARTMAN HWY  
CINCINNATI, OH 45242

DATE 9/11/23  
REVIEWED JPC  
STRUCTURE FILE NUMBER 8331220

DRAWN MLF  
MLF REVISED

DESIGNED MLF  
MLF CHECKED BMG

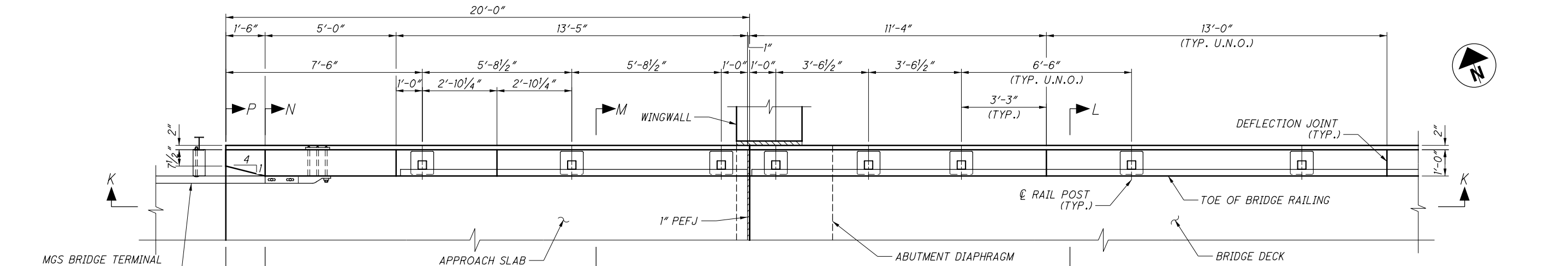
WAR - CR38 - 00.37  
PID No. N / A

17 / 22

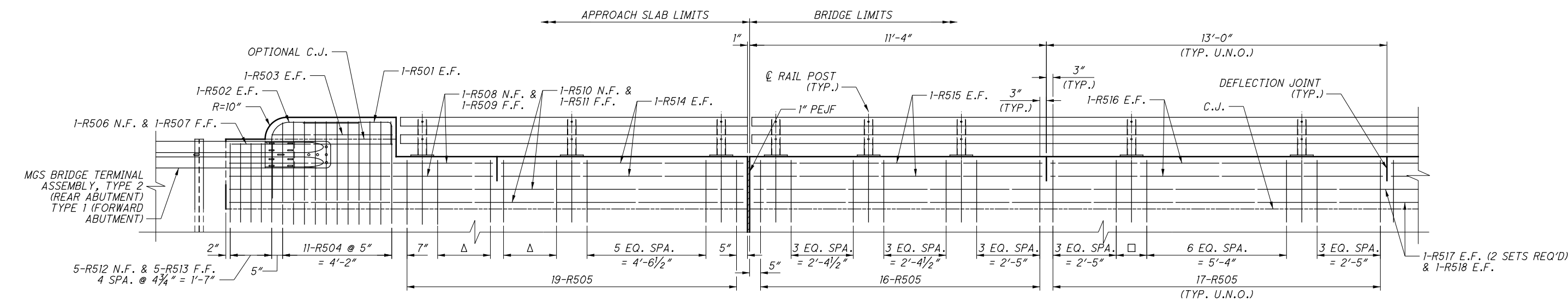
32 / 59

ABUTMENT DIAPHRAGM DETAILS  
WAR-CR0038-00.37  
MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK

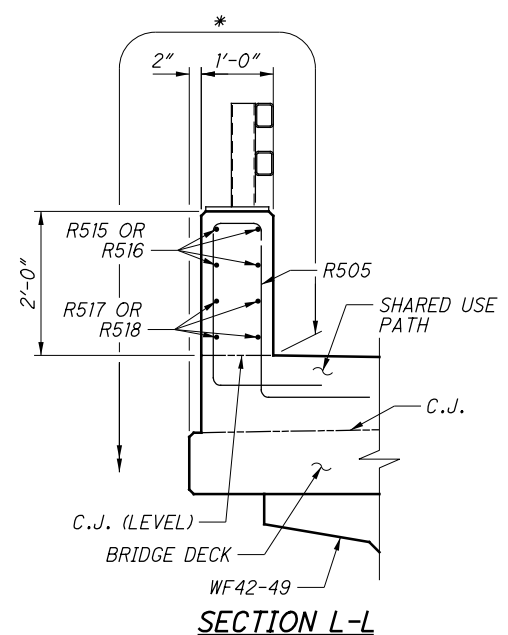
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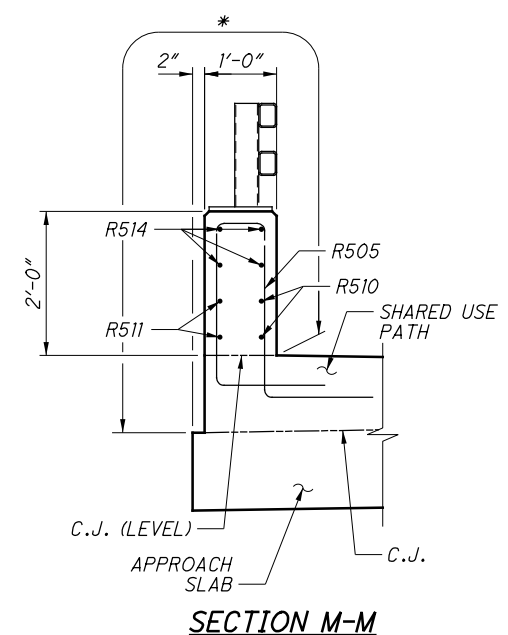
**PLAN VIEW**  
(REAR ABUTMENT SHOWN,  
FORWARD ABUTMENT OPPOSITE HAND)



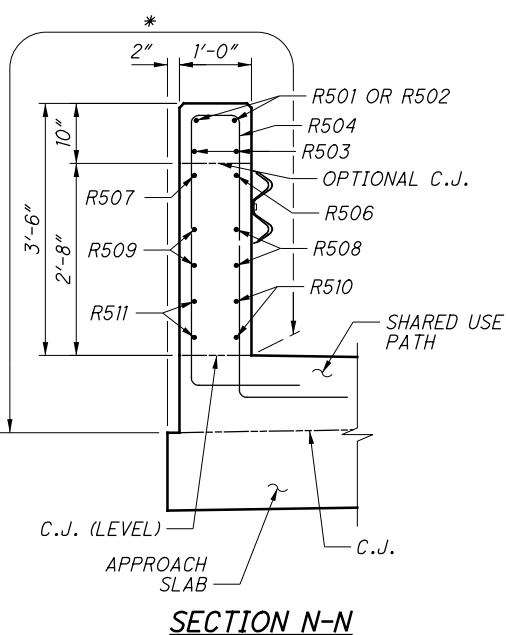
**SECTION K-K**  
(REAR ABUTMENT SHOWN,  
FORWARD ABUTMENT OPPOSITE HAND)



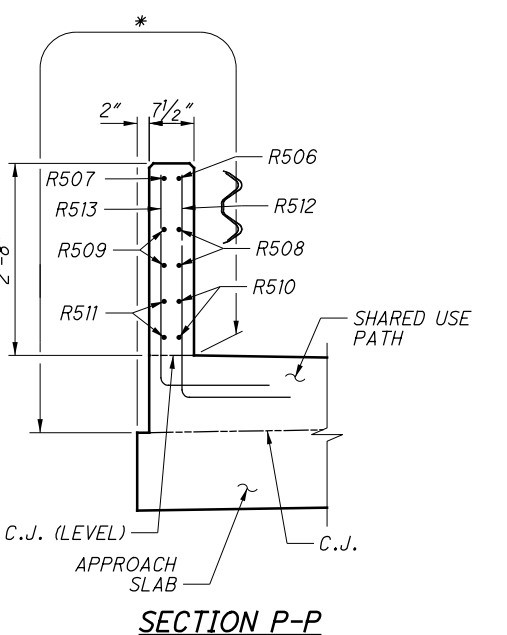
**SECTION L-L**



**SECTION M-M**



**SECTION N-N**

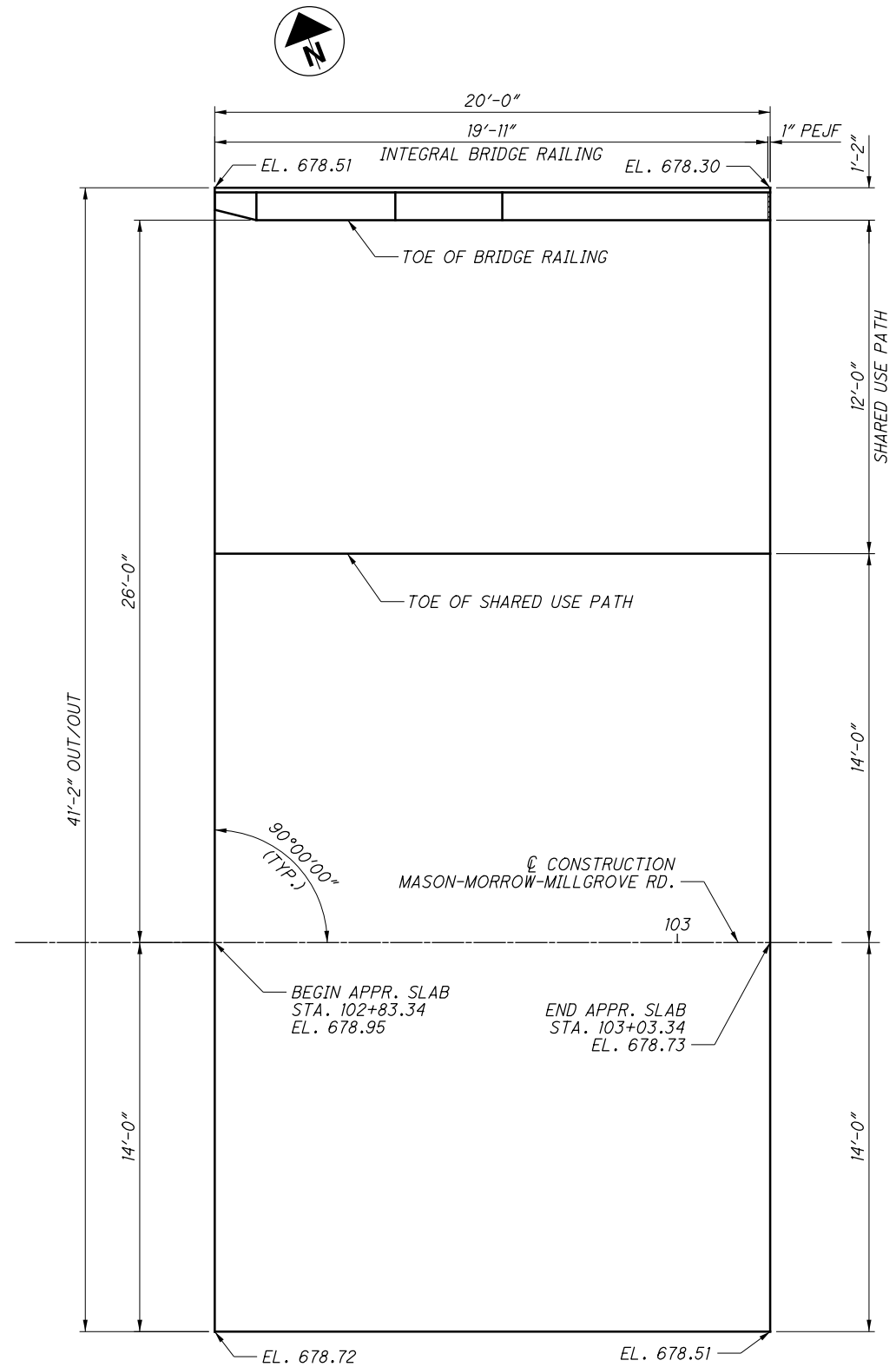


**SECTION P-P**

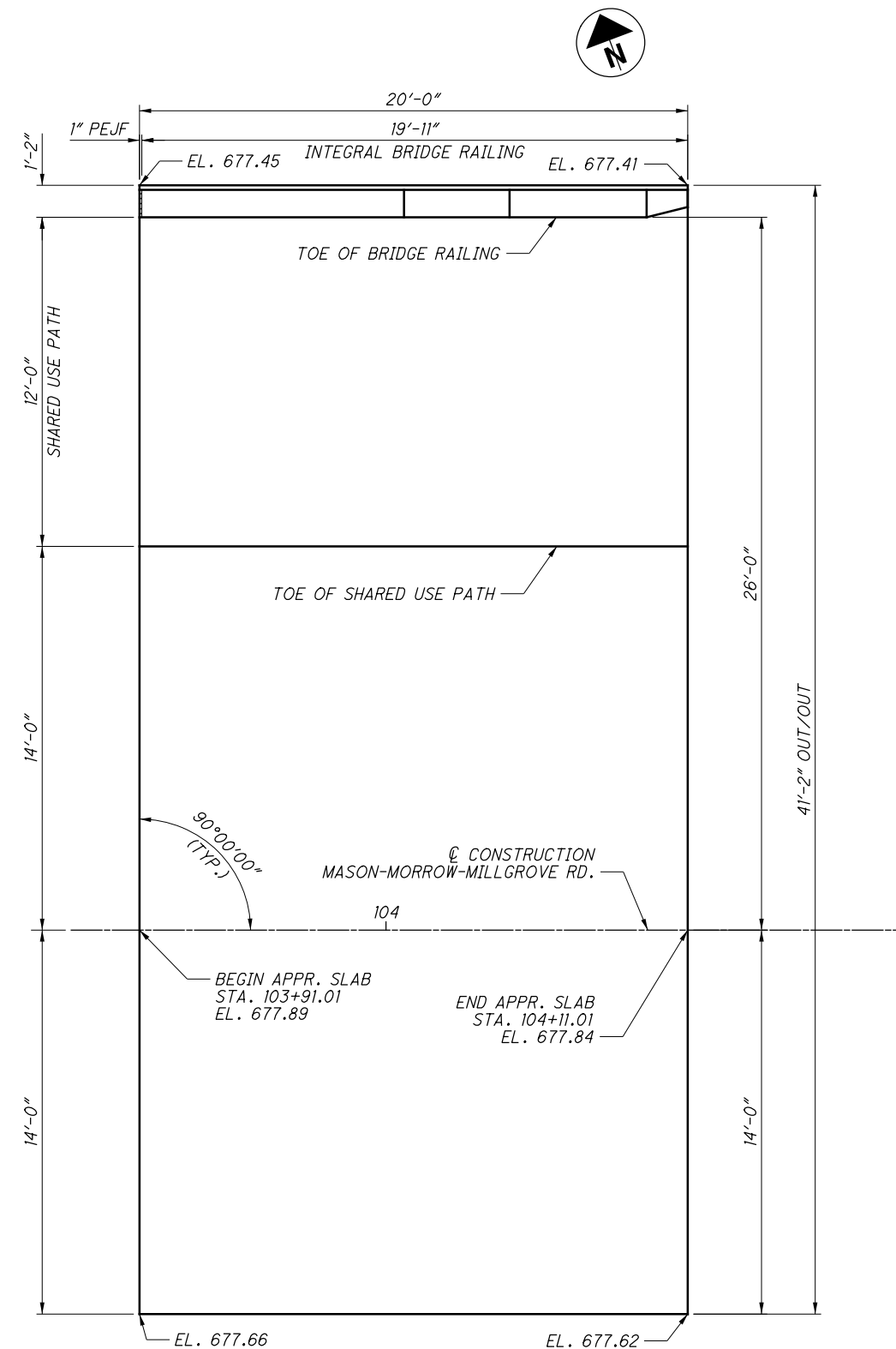
- LEGEND:**  
□ - 2 SPA. @ 7" = 1'-2" (TYP. AT EACH POST)  
Δ - 3 EQ. SPA. = 2'-0<sup>1</sup>/<sub>4</sub>"  
\* - LIMITS OF SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
- NOTES:**  
1. MINIMUM BAR LAPS NO. 5 BARS - 2'-5"  
2. FOR ADDITIONAL DETAILS, SEE ODOT STD. DWG. BR-2-15.  
3. BRIDGE RAILING, INCLUDING PORTIONS ON APPROACH SLAB, SHALL BE INCLUDED WITH ITEM 517 - RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING) FOR PAYMENT.  
4. FOR APPROACH SLAB DETAILS, SEE SHEET 19/22.  
5. FOR DEFLECTION JOINT LAYOUT AND RAIL POST SPACING, SEE SHEET 14/22.  
6. FOR BRIDGE TERMINAL ASSEMBLY, SEE ROADWAY PLANS AND ODOT STD. DWG. MGS-3.1 OR MGS-3.2.

DESIGNED BMG	CHECKED TLC	DRAWN BMG	REVISED	REVIEWED JPC	DATE 9/11/23	STRUCTURE FILE NUMBER 8331220	DESIGN AGENCY <b>fishbeck</b> FISHBECK 10856 REED HARTMAN HWY CINCINNATI, OH 45242
<b>BRIDGE RAILING DETAILS</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK							<b>WAR - CR38 - 00.37</b> PID No. N/A
18/22							33 59

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**REAR APPROACH SLAB PLAN**



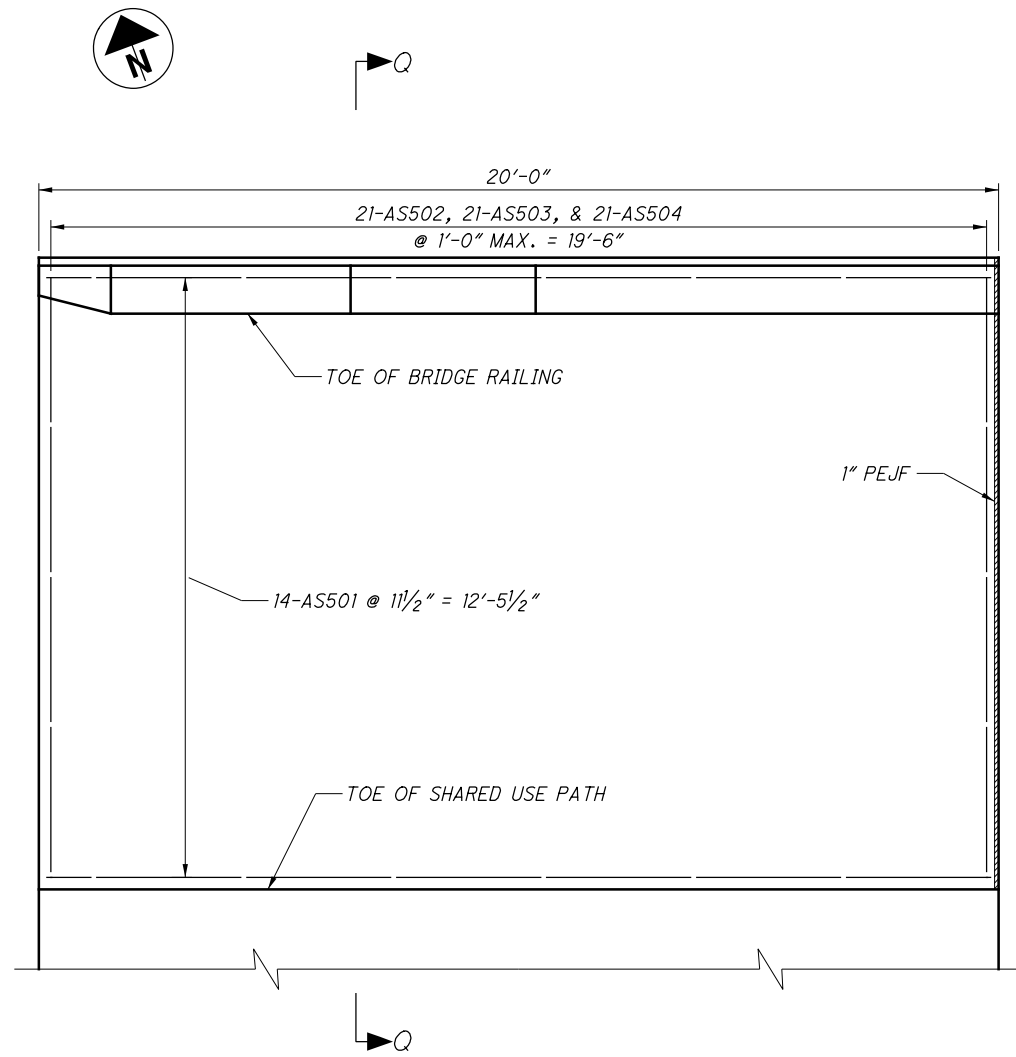
**FORWARD APPROACH SLAB PLAN**

**NOTES:**

1. FOR ADDITIONAL APPROACH SLAB DETAILS, SEE ODOT STD. DWG. AS-1-15.
2. FOR APPROACH SLAB SHARED USE PATH DETAILS, SEE SHEET 20/22.

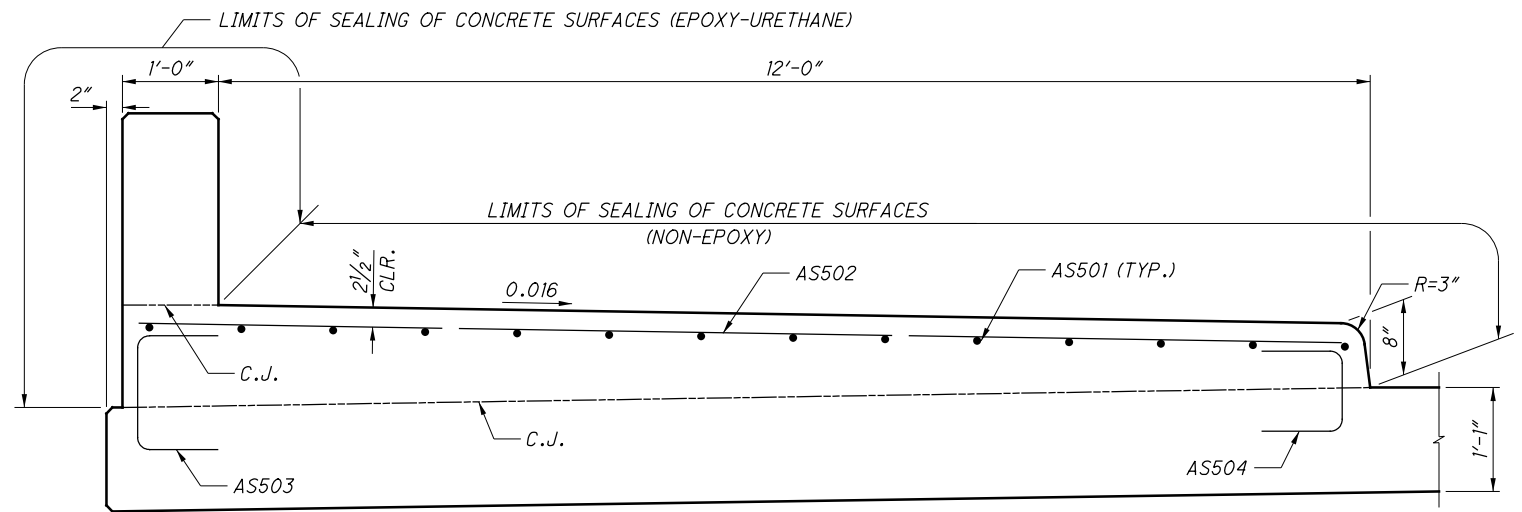
<b>WAR - CR38 - 00.37</b> PID No. N / A	<b>APPROACH SLAB DETAILS (1 OF 2)</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK		DESIGNED CAS	CHECKED BMG	DRAWN CAS	REVISED	REVIEWED JPC	DATE 9/11/23	STRUCTURE FILE NUMBER 8331220	DESIGN AGENCY <b>fishbeck</b> <small>FISHBECK          10856 REED HARTMAN HWY          CINCINNATI, OH 45242</small>
	19 / 22	34 / 59								

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**APPROACH SLAB SHARED USE PATH PLAN**

(REAR ABUTMENT SHOWN, FORWARD ABUTMENT OPPOSITE HAND)



**SECTION Q-Q**

**NOTES:**

1. FOR APPROACH SLAB PLAN AND NOTES, SEE SHEET 19/22.

<b>WAR - CR38 - 00.37</b> PID No. N / A	<b>APPROACH SLAB DETAILS (2 OF 2)</b> WAR-CR0038-00.37 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK		DESIGNED CAS CHECKED BMG	DRAWN CAS REVISED	REVIEWED JPC STRUCTURE FILE NUMBER 8331220	DATE 9/11/23	DESIGN AGENCY <b>fishbeck</b> FISHBECK REED HARTMAN HWY CINCINNATI, OH 45242
	20/22 35/59						



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MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS					
	TOTAL				A	B	C	D	E	R
<b>ABUTMENTS</b>										
A501	96	13'-1"	1310	3	3'-8"	2'-7"				
A502	70	17'-1"	1247	3	3'-4"	4'-11"				
A503	24	25'-4"	634	STR						
A504	8	9'-11"	83	STR						
A505	4	8'-9"	37	STR						
A506	4	7'-7"	32	STR						
A507	8	6'-5"	54	STR						
A508	4	17'-9"	74	2	7'-11"	2'-2"	7'-11"			
A509	4	26'-1"	109	3	2'-2"	10'-7"				
A510	2	25'-11"	54	3	1'-10"	10'-10"				
A511	16	22'-11"	382	STR						
A512	12	17'-6"	219	19	11'-10"	4'-0"	4'-0"			
	2	22'-9"				8'-11"				
A513	S.O.	TO	201	3	2'-2"	TO				0'-5 1/2"
	4	25'-5"				10'-3"				
	2	12'-7"				3'-10"				
A514	S.O.	TO	179	3	2'-2"	TO				0'-4 1/4"
	6	16'-1"				5'-7"				
	2	24'-1"				9'-7"				
A515	S.O.	TO	211	3	2'-2"	TO				0'-5"
	4	26'-7"				10'-10"				
	2	14'-1"				4'-7"				
A516	S.O.	TO	198	3	2'-2"	TO				0'-4 1/4"
	6	17'-7"				6'-4"				
A517	4	13'-11"	58	19	11'-9"	1'-7"	1'-7"			
A518	4	12'-4"	52	19	10'-11"	1'-0"	1'-0"			
A519	2	10'-8"	22	19	8'-6"	1'-7"	1'-7"			
A520	2	9'-1"	19	19	7'-8"	1'-0"	1'-0"			
A521	2	7'-2"	15	19	5'-0"	1'-7"	1'-7"			
A522	2	5'-7"	12	19	4'-2"	1'-0"	1'-0"			
A523	4	12'-5"	52	19	11'-6"	0'-10"	0'-3 1/2"			
A524	2	6'-1"	13	12	0'-6 1/2"	0'-6 1/2"	2'-3"	2'-0"	1'-5"	
A525	4	12'-5"	52	19	11'-9"	0'-6"	0'-6"			
A526	4	10'-10"	45	STR						
A527	2	10'-8"	22	19	10'-0"	0'-6"	0'-6"			
A528	2	9'-1"	19	STR						
A529	2	6'-11"	14	19	6'-3"	0'-6"	0'-6"			
A530	2	5'-4"	11	STR						
A531	2	12'-4"	26	19	10'-5"	1'-10"	0'-7"			
A532	2	11'-4"	24	19	10'-5"	0'-11"	0'-3"			
A533	2	4'-11"	10	12	0'-5"	0'-5"	1'-9"	2'-0"	0'-10"	
A534	12	15'-9"	197	19	10'-11"	3'-5"	3'-5"			
A801	16	26'-5"	1129	STR						
A802	4	9'-11"	106	STR						
A803	4	8'-9"	94	STR						
A804	4	7'-7"	81	STR						
A805	4	6'-5"	69	STR						
A806	16	24'-0"	1025	STR						
SUB-TOTAL			8189							
<b>DRILLED SHAFTS</b>										
DS901	84	27'-9"	7925	16	26'-6"					
DS902	96	17'-5"	5685	16	16'-2"					
SP401	7	24'-6"	2208	27	0'-4"	2'-0"				
SP402	8	14'-2"	1501	27	0'-4"	2'-0"				
SUB-TOTAL			17319		(FOR INFORMATION ONLY)					

MARK	NUMBER	LENGTH	WEIGHT	TYPE	DIMENSIONS					
	TOTAL				A	B	C	D	E	R
<b>SUPERSTRUCTURE</b>										
S401	84	30'-0"	1683	STR						
S402	42	30'-10"	865	STR						
S403	82	2'-3"	123	2	0'-8"	1'-1"	0'-8"			
S404	150	4'-8"	468	6	0'-4"	0'-7 1/2"	1'-8 1/2"			
S501	126	30'-0"	3943	STR						
S502	63	31'-8"	2081	STR						
S503	163	42'-1"	7155	17	40'-9"					
S504	163	40'-9"	6928	STR						
S505	326	8'-0"	2720	16	7'-5"					
S506	20	16'-6"	344	STR						
S507	88	2'-7"	237	2	0'-10"	1'-2"	0'-10"			
S508	88	2'-3"	207	2	0'-10"	0'-10"	0'-10"			
S509	88	12'-6"	1147	STR						
SUB-TOTAL			27901							
<b>ABUTMENT DIAPHRAGM</b>										
D401	20	4'-1"	55	STR						
D402	20	5'-2"	69	2	1'-0"	3'-4"	1'-0"			
D403	20	2'-4"	31	2	0'-8"	1'-2"	0'-8"			
D501	104	9'-9"	1058	2	3'-4"	3'-4"	3'-4"			
D502	52	10'-11"	592	2	4'-2"	2'-10"	4'-2"			
D503	8	10'-7"	88	2	3'-9"	3'-4"	3'-9"			
D801	8	15'-6"	331	1	14'-2"	1'-6"				
D802	8	25'-9"	550	1	24'-5"	1'-6"				
D803	6	5'-1"	81	STR						
D804	2	14'-2"	76	STR						
D805	2	24'-5"	130	STR						
D806	2	2'-7"	14	STR						
D807	4	2'-5"	26	STR						
D808	4	3'-11"	42	STR						
D809	2	2'-2"	12	STR						
D810	28	23'-10"	1782	STR						
D811	16	7'-9"	331	STR						
D812	8	4'-4"	93	STR						
D813	16	5'-7"	239	18	3'-7"	0'-6"	0'-10"			
D814	56	4'-9"	710	18	2'-4"	1'-0"	1'-0"			
SUB-TOTAL			6310							
<b>INTERMEDIATE DIAPHRAGM</b>										
D404	84	6'-0"	337	3	0'-6"	2'-3"				
D601	48	7'-9"	559	STR						
D602	48	6'-9"	487	13	4'-3"	1'-2"	0'-7"	1'-3"		
SUB-TOTAL			1383		(FOR INFORMATION ONLY)					
<b>DIAPHRAGM GUIDE</b>										
DG601	10	14'-6"	218	3	3'-4"	3'-8 1/2"				
DG801	16	13'-8"	584	5	2'-8"	3'-7"	2'-4"			
SUB-TOTAL			802		(FOR INFORMATION ONLY)					

**NOTES:**

1. FOR NOTES AND ADDITIONAL CONCRETE REINFORCEMENT INFORMATION SEE SHEET 22/22.

DESIGN AGENCY: **fishbeck**  
 FISHBECK 10856 REED HARTMAN HWY CINCINNATI, OH 45242  
 DATE: 9/11/23  
 REVIEWED: JPC  
 STRUCTURE FILE NUMBER: 8331220  
 DRAWN: CAS  
 CHECKED: BMG  
 DESIGNED: CAS  
 REVISIONS:

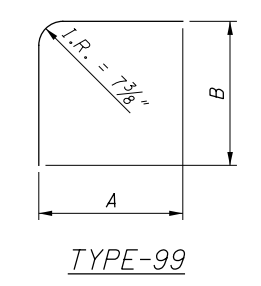
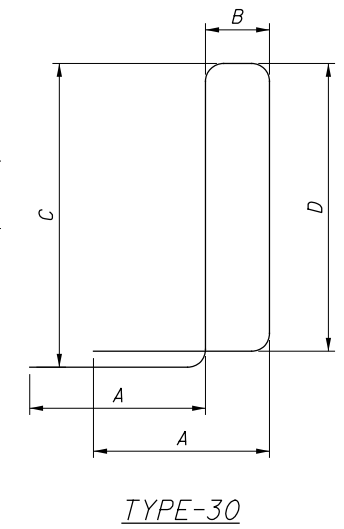
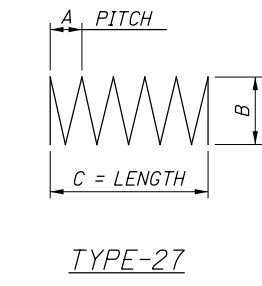
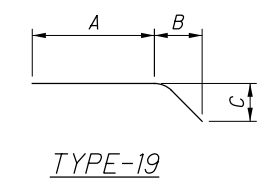
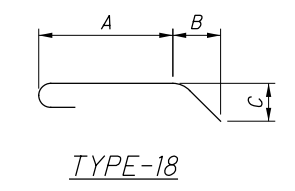
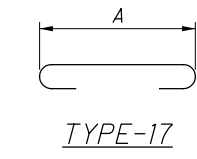
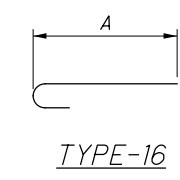
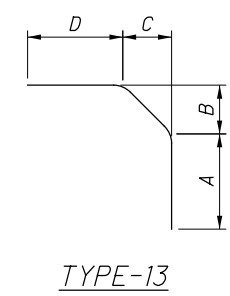
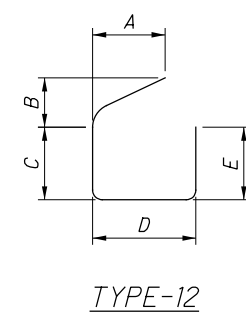
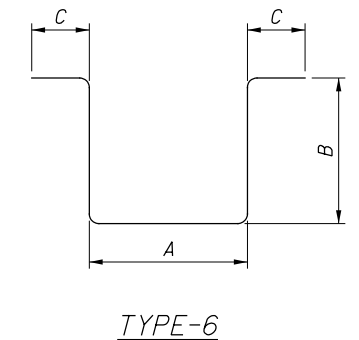
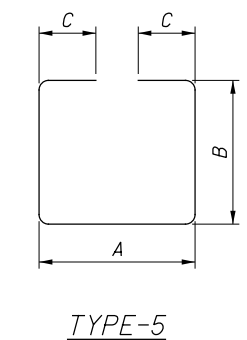
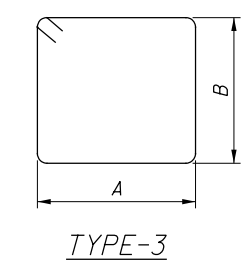
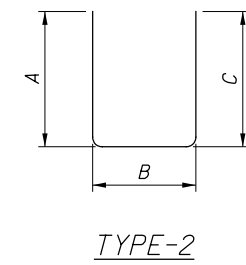
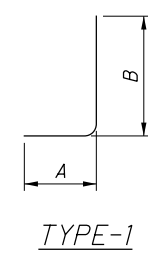
**CONCRETE REINFORCEMENT BAR LIST (1 OF 2)**  
 WAR-CR38-00.37  
 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK

**WAR - CR38 - 00.37**  
 PID No. N / A

21 / 22  
 36 / 59

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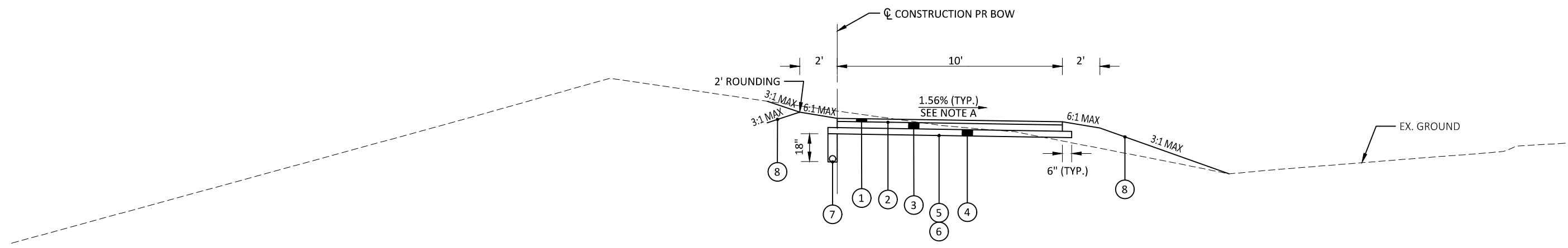
MARK	NUMBER		LENGTH	WEIGHT	TYPE	DIMENSIONS					
	TOTAL					A	B	C	D	E	R
<b>BRIDGE RAILING</b>											
R501	4		4'-2"	17	1	0'-10"	3'-5"				
R502	4		6'-3"	26	99	3'-5"	2'-11"				4'-5 7/8"
R503	4		4'-7"	19	STR						
R504	22		10'-10"	249	30	1'-6"	0'-8"	3'-11"	3'-9"		
R505	155		7'-10"	1266	30	1'-6"	0'-8"	2'-5"	2'-3"		
R506	2		6'-3"	13	19	4'-10"	1'-4"	0'-5"			
R507	2		6'-2"	13	STR						
R508	4		10'-1"	42	19	8'-8"	1'-4"	0'-5"			
R509	4		10'-0"	42	STR						
R510	4		19'-8"	82	19	18'-3"	1'-4"	0'-5"			
R511	4		19'-7"	82	STR						
R512	10		4'-6"	47	1	1'-6"	3'-1"				
R513	10		4'-4"	45	1	1'-6"	2'-11"				
R514	8		9'-2"	77	STR						
R515	8		11'-0"	92	STR						
R516	20		12'-8"	264	STR						
R517	8		30'-0"	250	STR						
R518	4		32'-2"	134	STR						
			<b>SUB-TOTAL</b>	2760	<i>(FOR INFORMATION ONLY)</i>						
<b>SHARED USE PATH ON APPROACH SLABS</b>											
AS501	28		12'-6"	365	STR						
AS502	42		19'-8"	862	STR						
AS503	42		2'-7"	113	2	0'-10"	1'-2"	0'-10"			
AS504	42		2'-3"	99	2	0'-10"	0'-10"	0'-10"			
			<b>SUB-TOTAL</b>	1439	<i>(FOR INFORMATION ONLY)</i>						



**NOTES:**

- ALL REINFORCING STEEL SHALL BE EPOXY COATED.
- THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT AFTER THE LETTER WHERE THREE DIGITS ARE USED AND THE FIRST TWO DIGITS AFTER THE LETTER WHERE FOUR ARE USED, INDICATES THE BAR SIZE NUMBER. EXAMPLE: S601  
S = LOCATION OF THE BAR IN THE STRUCTURE (SUPERSTRUCTURE)  
6 = BAR SIZE DIMENSION NO. 6  
01 = SEQUENCE NUMBER
- ALL DIMENSIONS ARE OUT-TO-OUT OF BAR UNLESS OTHERWISE INDICATED.
- "R" INDICATES INSIDE RADIUS UNLESS OTHERWISE INDICATED.
- "STR" IN THE BAR TYPE COLUMN INDICATES A STRAIGHT BAR.
- DRILLED SHAFT REINFORCING STEEL INCLUDED WITH ITEM 524, DRILLED SHAFT, ABOVE BEDROCK FOR PAYMENT.
- BRIDGE RAILING REINFORCING STEEL IS FOR INFORMATION ONLY AND IS INCLUDED WITH ITEM 517 FOR PAYMENT.
- APPROACH SLAB SHARED USE PATH REINFORCING STEEL IS FOR INFORMATION ONLY AND IS INCLUDED WITH ITEM 526 FOR PAYMENT.
- DIAPHRAGM GUIDE REINFORCING STEEL INCLUDED WITH ITEM 511, SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN FOR PAYMENT.
- INTERMEDIATE DIAPHRAGM REINFORCING STEEL INCLUDED WITH ITEM 515, INTERMEDIATE DIAPHRAGMS FOR PAYMENT.

DESIGN AGENCY **fishbeck** FISHBECK REED HARTMAN HWY 45242 CINCINNATI, OH  
 DATE 9/11/23  
 REVIEWED JPC STRUCTURE FILE NUMBER 8331220  
 DRAWN CAS REVISION  
 DESIGNED CAS CHECKED BMG  
**CONCRETE REINFORCEMENT BAR LIST (2 OF 2)**  
 WAR-CR0038-00.37  
 MASON-MORROW-MILLGROVE RD. OVER MUDDY CREEK  
**WAR - CR38 - 00.37**  
 PID No. N / A  
 22 / 22  
 37 / 59



**PROPOSED TYPICAL SECTION**  
 APPLIES: STA. 0+00.00 TO STA. 6+57.94  
 DRIVEWAY: STA. 6+57.94 TO STA. 6+96.50  
 APPLIES: STA. 6+96.50 TO STA. 16+46.02

NOTE A: CROSS SLOPE AND FLOW DIRECTION WILL VARY. SEE CROSS SECTIONS FOR MORE DETAIL.

TRANSITION FROM -1.56% TO 1.56%  
 FROM STA. 5+57.18 TO STA. 5+81.70.  
 TRANSITION FROM 1.56% TO 12.22%  
 FROM STA. 5+81.70 TO STA. 6+55.44 (EXISTING DRIVEWAY).  
 TRANSITION FROM 11.69% TO 0.00%  
 FROM STA. 7+02.17 (EXISTING DRIVEWAY) TO STA. 7+50.00.  
 TRANSITION FROM 0.00% TO -1.56%  
 FROM STA. 7+50.00 TO STA. 7+75.00.  
 TRANSITION FROM -1.56% TO 1.56%  
 FROM STA. 12+00.00 TO STA. 12+50.00.

**PROPOSED ITEM LEGEND**

- ① ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
- ② ITEM 407 - NON-TRACKING TACK COAT (0.10 GAL/SQ YD)
- ③ ITEM 301 - 4" ASPHALT CONCRETE BASE, PG64-22, (449)
- ④ ITEM 304 - 4" AGGREGATE BASE
- ⑤ ITEM 204 - SUBGRADE COMPACTION
- ⑥ ITEM 204 - PROOF ROLLING
- ⑦ ITEM 605 - 4" BASE PIPE UNDERDRAIN
- ⑧ ITEM 659 - SEEDING AND MULCHING

07/08/2024

**PROPERTY LINES**

THE PROPERTY LINES SHOWN HEREIN ARE FOR THE EXPRESS PURPOSE OF ILLUSTRATING APPROXIMATE LOT LOCATIONS. THIS PLAN SET IS NOT TO BE CONSIDERED A SURVEY RECORD OF ANY KIND.

**CLEARING AND GRUBBING**

CONTRACTOR SHALL FIELD VERIFY TREE REMOVALS PRIOR TO CONSTRUCTION. IF TREES MARKED FOR REMOVAL ARE ABLE TO BE SAVED THEN THIS SHALL BE DONE SO. FOR ESTIMATION PURPOSES, TREES HAVE BEEN MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZE	NO. TREES	NO. STUMPS	TOTAL
≤12"	22	0	22

**REVIEW OF DRAINAGE FACILITIES**

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY, REPRESENTATIVES OF THE CITY AND THE CONTRACTOR SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE CITY.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

**CORING OF EXISTING STRUCTURES & PIPES**

AT LOCATIONS IN WHICH AN EXISTING STRUCTURE OR PIPE IS TO HAVE A NEW OR LARGER PIPE ENTERING INTO IT, A NEW HOLE SHALL BE CORED BY METHODS APPROVED BY THE ENGINEER. CONTRACTOR SHALL ENSURE THAT CORED LOCATIONS ARE PROPERLY SEALED UPON COMPLETION.

PAYMENT FOR THE ABOVE MENTIONED OPERATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 611 CONDUIT ITEM.

**SEEDING AND MULCHING**

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

ITEM 659 - TOPSOIL	493 CU.YD.
ITEM 659 - SEEDING AND MULCHING	4434 SQ.YD.
ITEM 659 - REPAIR SEEDING AND MULCHING	222 SQ.YD.
ITEM 659 - INTER-SEEDING	222 SQ.YD.
ITEM 659 - COMMERCIAL FERTILIZER	0.62 TON
ITEM 659 - LIME	0.92 ACRE
ITEM 659 - WATER	24 M GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO THE AREAS OF EXPOSED SOIL BETWEEN WITHIN THE CONSTRUCTION LIMITS AS INDICATED IN THE PLANS. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

**EARTH DISTURBED AREAS**

\*PATH PART ONLY (SEE TITLE SHEET FOR BRIDGE PART EDA)

PROJECT EARTH DISTURBED AREA:	1.41 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	1.66 ACRES

**POST CONSTRUCTION STORM WATER TREATMENT**

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

**VEGETATED BIOFILTER**

THIS PLAN UTILIZES A VEGETATED BIOFILTER FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AS SHOWN ON THE PLANS TO ANY DISTURBED AREA ON THE SHOULDER AND FORESLOPE DRAINING TO A VEGETATED BIOFILTER. THE DITCH FOR EACH VEGETATED BIOFILTER IS TRAPEZOIDAL, AS SHOWN IN THE PLAN CROSS SECTIONS. PROVIDE ITEM 670 AS SPECIFIED IN THE PLANS.

**ROUNDING**

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

**PROPOSED TREE LOCATIONS**

EXISTING TREES IDENTIFIED IN THE PLAN AS "REMOVE IF NEEDED" ARE EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES. REPLACEMENT TREES SHALL MEET THE FOLLOWING: DECIDUOUS TREES SHALL BE AT LEAST 3" CALIPER SIZE AND EVERGREENS SHALL BE AT LEAST 10' IN HEIGHT. TREE TYPES SHALL ALTERNATE WHEN POSSIBLE. PROPOSED TREE LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND ARE SHOWN A FEW FEET NORTH OF THE EXISTING TREE LOCATIONS. THE EXACT LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLANTING.

**FENCE LENGTHS**

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

**ITEM 202 - FENCE REMOVED AND REPLACED, AS PER PLAN**

THE EXISTING FENCE FRONTING MASON-MORROW-MILLGROVE ROAD SHALL BE REMOVED AND REPLACED AS DETAILED IN THE PLANS. EXISTING PANELS, POSTS, AND FOUNDATIONS SHALL BE REMOVED AND DISPOSED. NEW PANELS AND POSTS SHALL BE ORDERED AND INSTALLED WITH NEW CONCRETE FOUNDATIONS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. MATERIALS NEEDED FROM THE MANUFACTURER (SPECRAIL) TO COMPLETE THE WORK, SHALL MEET THE FOLLOWING SPECIFICATIONS:

STYLE: S1 BENNINGTON, THREE STRINGERS TOTAL, TYPE B CONFIGURATION. STANDARD POST TOPS. DIMENSIONS: FENCE HEIGHT = 8 FEET, POST SPACING = 71.5 INCHES ON CENTER, PICKET SPACING = 5 INCHES ON CENTER. COLOR: BLACK PICKET TOPS: PRESSED SPEARS.

MANUFACTURER INFO: 129 LEEDER HILL DRIVE, HAMDEN CT. 06517 (800) 243-6256

ALL LABOR, EQUIPMENT AND MATERIALS NEEDED TO COMPLETE THE ABOVE DESCRIBED WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202 - FENCE REMOVED AND REPLACED, AS PER PLAN

**ITEM 202 - BRICK PILLAR REMOVED, AS PER PLAN**

THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO REMOVE AND DISPOSE OF THE EXISTING BRICK PILLARS INCLUDING FOUNDATIONS DESIGNATED FOR REMOVAL WITHIN THE PLANS IN ACCORDANCE WITH ODOT C&MS 202. THE LOCATIONS OF THE PILLARS MARKED FOR REMOVAL ARE AT STA. 6+41, 5' RT AND STA. 7+13, 6' RT.

PAYMENT FOR THE ABOVE MENTIONED WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 202 - BRICK PILLAR REMOVED, AS PER PLAN.

**ITEM 601 - DUMPED ROCK FILL, MISC.: WASHED RIVER STONE BED**

THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PLACE A WASHED RIVER STONE BED FROM 1' BEHIND THE FENCE FRONTING MASON-MORROW-MILLGROVE ROAD TO THE BACK OF THE PATH. IN THE WEST AND EAST ENDS OF THE FENCE LINE WHERE THE PATH PULLS AWAY FROM THE FENCE LINE, THE STONE BED SHALL BE 2' IN WIDTH (1' ON EACH SIDE OF THE FENCE). CONTRACTOR SHALL PLACE SIZE #57 STONE ON TOP OF GEOTEXTILE FABRIC IN ACCORDANCE WITH ITEM 601. FOR QUANTITY ESTIMATION PURPOSES, A 4" DEPTH WAS ASSUMED. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 601 - DUMPED ROCK FILL, MISC.: WASHED RIVER STONE BED 73 CY

PAYMENT FOR THE ABOVE MENTIONED WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 601 - DUMPED ROCK FILL, MISC.: WASHED RIVER STONE BED.

**LANDSCAPING:**

THE CONTRACTOR SHALL RETAIN A LANDSCAPING COMPANY, APPROVED BY THE CITY, FOR DESIGN AND INSTALLATION OF LANDSCAPING AT THE DRIVEWAY ENTRANCE TO THE WATER TREATMENT FACILITY. LANDSCAPE DESIGN PLAN SHALL INCLUDE SHRUBS FOR SCREENING IN FRONT OF THE GAS METER AND A VARIETY OF ANNUALS, PERENNIALS, SHRUBS, AND ORNAMENTAL GRASSES ON EACH SIDE OF THE DRIVE ENTRANCE. LANDSCAPE DESIGN PLAN SHALL BE PROVIDED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO WORK BEING COMPLETED.

AN ALLOWANCE OF \$25,000.00 HAS BEEN INCLUDED ON THE BID FORM FOR THE WORK DESCRIBED ABOVE. THE ACTUAL INVOICED AMOUNT TO THE CONTRACTOR WILL BE USED IN DETERMINING FINAL PAYMENT FOR THIS ITEM.

**ITEM SPECIAL - MAILBOX SUPPORT**

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS PER PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE).

**ABBREVIATIONS**

ATG - ADJUST TO GRADE  
BM - BENCHMARK  
CB - CATCH BASIN  
CP - CONTROL POINT  
CONST. - CONSTRUCTION  
EOP OR E/P - EDGE OF PAVEMENT  
EX - EXISTING  
FH - FIRE HYDRANT  
MB - MAILBOX  
MH - MANHOLE  
PR - PROPOSED  
SAN - SANITARY  
S.U.P - SHARED USE PATH  
TYP = TYPICAL  
WTR - WATER

CALCULATED  
RRR  
CHECKED  
ELV

GENERAL NOTES AND DETAILS

WAR - CR38 - 00.37

39  
59

07/08/2024

ITEM	TOTAL QUANT.	UNIT	DESCRIPTIONS
			<b>ROADWAY</b>
201	LS		CLEARING AND GRUBBING
202	1203	FT	FENCE REMOVED AND REPLACED, AS PER PLAN
202	2	EA	BRICK PILLAR REMOVED, AS PER PLAN
202	1	EA	MAILBOX REMOVED
203	634	CY	EXCAVATION
203	416	CY	EMBANKMENT
204	1962	SY	SUBGRADE COMPACTION
204	1	HR	PROOF ROLLING
601	73	CY	DUMPED ROCK FILL, MISC.: WASHED RIVER STONE BED
611	1	EA	MANHOLE ADJUSTED TO GRADE
638	1	EA	VALVE BOX ADJUSTED TO GRADE
SPEC	1	EA	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE
			<b>EROSION CONTROL</b>
659	417	CY	TOPSOIL
659	3748	SY	SEEDING AND MULCHING
659	187	SY	REPAIR SEEDING AND MULCHING
659	187	SY	INTER-SEEDING
659	0.51	TON	COMMERCIAL FERTILIZER
659	0.77	ACRE	LIME
659	21	MGAL	WATER
670	724	SY	DITCH EROSION PROTECTION
832	5000	EA	EROSION CONTROL
			<b>DRAINAGE</b>
601	2	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT
605	1608	FT	4" BASE PIPE UNDERDRAIN
611	86	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS
611	94	FT	12" CONDUIT, TYPE B
611	1	EA	CATCH BASIN, NO. 2-2B
611	2	EA	PRECAST REINFORCED CONCRETE OUTLET
			<b>PAVEMENT</b>
301	199	CY	ASPHALT CONCRETE BASE, PG64-22, (449)
304	218	CY	AGGREGATE BASE
407	179	GAL	NON-TRACKING TACK COAT
441	100	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
			<b>LANDSCAPING</b>
661	22	EA	DECIDUOUS TREE
SPEC	LS		LANDSCAPING (ALLOWANCE)
			<b>INCIDENTALS</b>
614	LS		MOBILIZATION
623	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING
SPEC	LS		AS-BUILT DRAWINGS - STORM ONLY

CALCULATED  
RRR  
CHECKED  
ELV

**GENERAL SUMMARY**

**WAR - CR38 - 00.37**

CONST MASON-MORROW-MILLGROVE RD CURVE A DATA

PI = 104+85.15  
 Δ = 16°01'35"  
 R = 523.61'  
 T = 73.71'  
 L = 146.46'  
 PC = 104+11.44  
 PT = 105+57.90

SURVEY CONTROL POINTS

CONTROL POINT #103  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 105+86.30, 35.29' RT.  
 ELEVATION: 682.238  
 N: 505337.9253 E: 1467204.4799

CONTROL POINT #104  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 108+55.12, 49.43' RT.  
 ELEVATION: 692.361  
 N: 505299.3809 E: 1467469.9669

CONTROL POINT #105  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 113+92.81, 28.61' RT.  
 ELEVATION: 697.443  
 N: 505265.7035 E: 1468007.0047

CONTROL POINT #107  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 108+94.44, 131.46' LT.  
 ELEVATION: 683.119  
 N: 505475.3636 E: 1467527.3830

CONTROL POINT #108  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 113+64.23, 130.52' LT.  
 ELEVATION: 688.820  
 N: 505426.9085 E: 1467994.6685

SURVEY BENCH MARKS

BENCH MARK #503  
 CHISELED SQUARE ON MANHOLE CASTING  
 STA. 110+55.43, 41.78' RT.  
 ELEVATION: 696.065  
 N: 505286.7282 E: 1467670.0230

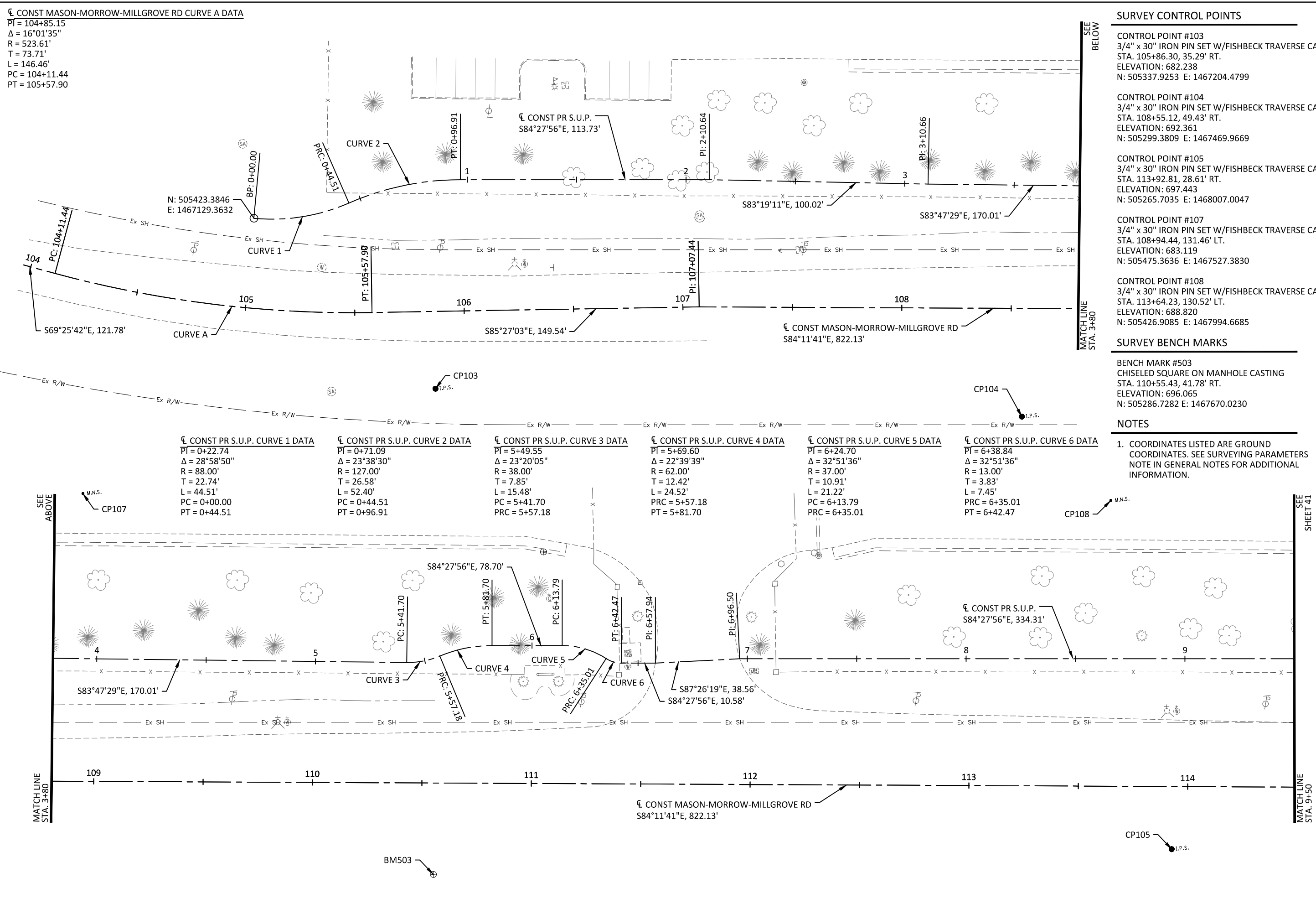
NOTES

- COORDINATES LISTED ARE GROUND COORDINATES. SEE SURVEYING PARAMETERS NOTE IN GENERAL NOTES FOR ADDITIONAL INFORMATION.



SCHEMATIC PLAN

WAR - CR38 - 00.37



CONST PR S.U.P. CURVE 1 DATA

PI = 0+22.74  
 Δ = 28°58'50"  
 R = 88.00'  
 T = 22.74'  
 L = 44.51'  
 PC = 0+00.00  
 PT = 0+44.51

CONST PR S.U.P. CURVE 2 DATA

PI = 0+71.09  
 Δ = 23°38'30"  
 R = 127.00'  
 T = 26.58'  
 L = 52.40'  
 PC = 0+44.51  
 PT = 0+96.91

CONST PR S.U.P. CURVE 3 DATA

PI = 5+49.55  
 Δ = 23°20'05"  
 R = 38.00'  
 T = 7.85'  
 L = 15.48'  
 PC = 5+41.70  
 PRC = 5+57.18

CONST PR S.U.P. CURVE 4 DATA

PI = 5+69.60  
 Δ = 22°39'39"  
 R = 62.00'  
 T = 12.42'  
 L = 24.52'  
 PRC = 5+57.18  
 PT = 5+81.70

CONST PR S.U.P. CURVE 5 DATA

PI = 6+24.70  
 Δ = 32°51'36"  
 R = 37.00'  
 T = 10.91'  
 L = 21.22'  
 PC = 6+13.79  
 PRC = 6+35.01

CONST PR S.U.P. CURVE 6 DATA

PI = 6+38.84  
 Δ = 32°51'36"  
 R = 13.00'  
 T = 3.83'  
 L = 7.45'  
 PRC = 6+35.01  
 PT = 6+42.47

04/19/2024

SEE ABOVE

SEE SHEET 41

MATCH LINE STA. 3+80

MATCH LINE STA. 9+50

BM503

CP105



**SURVEY CONTROL POINTS**

CONTROL POINT #106  
 3/4" x 30" IRON PIN SET W/FISHBECK TRAVERSE CAP  
 STA. 119+69.39, 30.86' RT.  
 ELEVATION: 705.456  
 N: 505110.9002 E: 1468553.4539

**SURVEY BENCH MARKS**

BENCH MARK #504  
 CHISELED CROSS ON MANHOLE RIM  
 STA. 116+54.16, 46.81' RT.  
 ELEVATION: 699.786  
 N: 505212.1996 E: 1468255.4005

**NOTES**

- COORDINATES LISTED ARE GROUND COORDINATES. SEE SURVEYING PARAMETERS NOTE IN GENERAL NOTES FOR ADDITIONAL INFORMATION.

**CONST MASON-MORROW-MILLGROVE RD CURVE B DATA**

PI = 116+73.35  
 $\Delta = 23^\circ 32' 33''$   
 R = 690.00'  
 T = 143.79'  
 L = 283.52'  
 PC = 115+29.57  
 PT = 118+13.08

**CONST MASON-MORROW-MILLGROVE RD CURVE C DATA**

PI = 119+24.02  
 $\Delta = 22^\circ 53' 20''$   
 R = 548.00'  
 T = 110.94'  
 L = 218.92'  
 PC = 120+32.00  
 PT = 121+78.48

**CONST PR S.U.P. CURVE 7 DATA**

PI = 10+40.71  
 $\Delta = 12^\circ 50' 19''$   
 R = 88.00'  
 T = 9.90'  
 L = 19.72'  
 PC = 10+30.81  
 PRC = 10+50.53

**CONST PR S.U.P. CURVE 8 DATA**

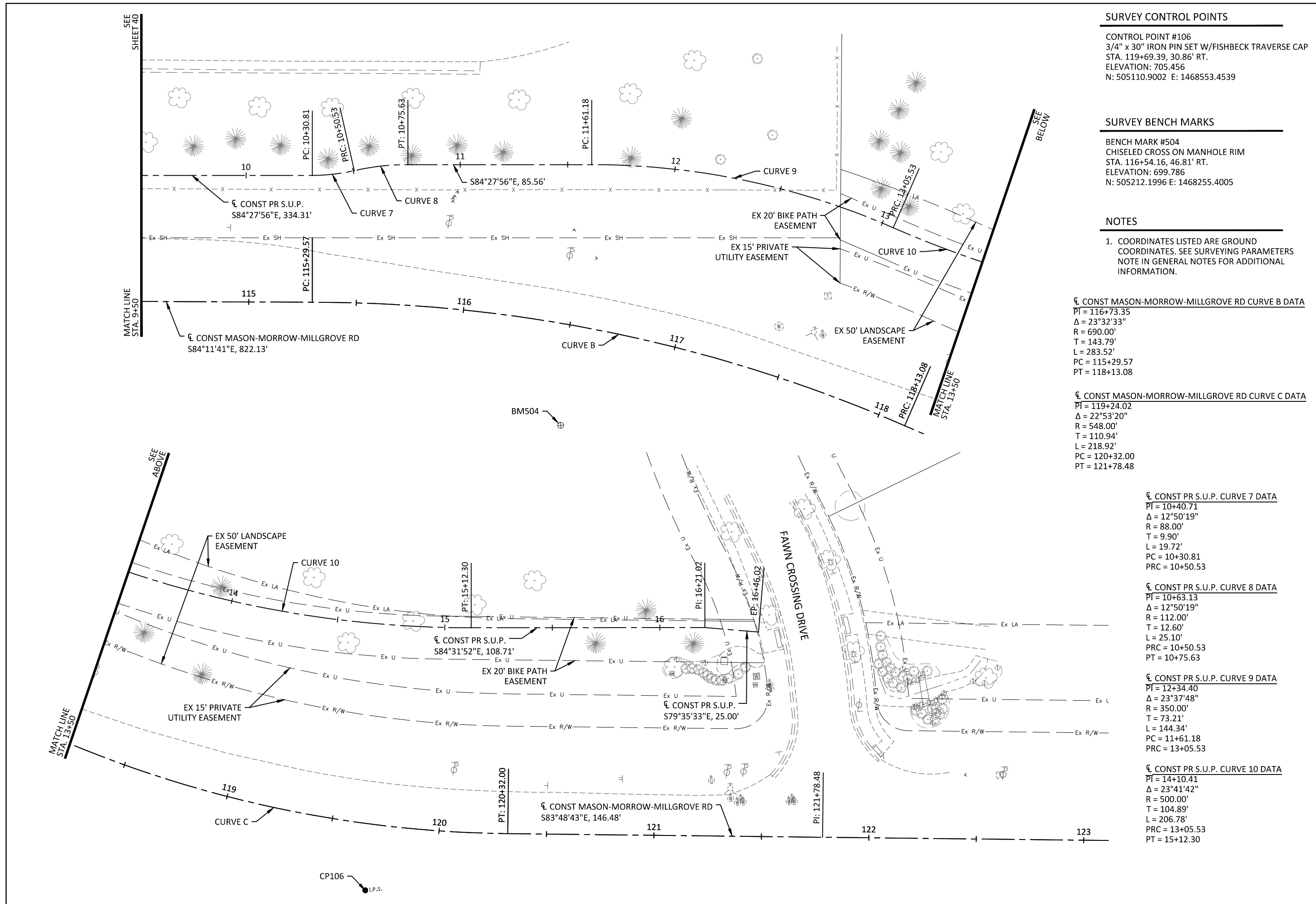
PI = 10+63.13  
 $\Delta = 12^\circ 50' 19''$   
 R = 112.00'  
 T = 12.60'  
 L = 25.10'  
 PRC = 10+50.53  
 PT = 10+75.63

**CONST PR S.U.P. CURVE 9 DATA**

PI = 12+34.40  
 $\Delta = 23^\circ 37' 48''$   
 R = 350.00'  
 T = 73.21'  
 L = 144.34'  
 PC = 11+61.18  
 PRC = 13+05.53

**CONST PR S.U.P. CURVE 10 DATA**

PI = 14+10.41  
 $\Delta = 23^\circ 41' 42''$   
 R = 500.00'  
 T = 104.89'  
 L = 206.78'  
 PRC = 13+05.53  
 PT = 15+12.30

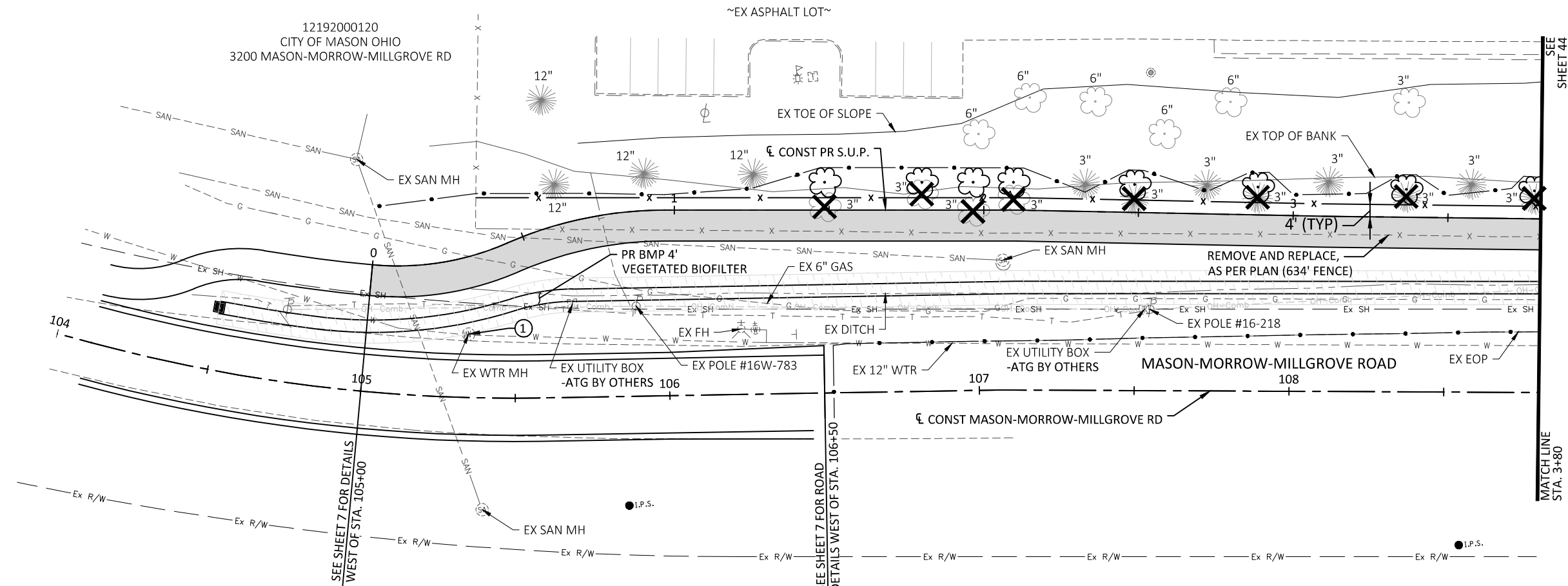


**SCHEMATIC PLAN**

**WAR - CR38 - 00.37**

04/19/2024

12192000120  
CITY OF MASON OHIO  
3200 MASON-MORROW-MILLGROVE RD



NOTES

- REFER TO SCHEMATIC PLAN SHEETS FOR ALIGNMENT INFORMATION AND SURVEY CONTROL & BENCHMARK INFORMATION.
- REFER TO GENERAL NOTES FOR MORE INFORMATION ON PROPOSED TREES.

LEGEND

- PROPOSED S.U.P.
- REMOVE IF NEEDED (SEE GENERAL NOTES)
- PROPOSED FENCE
- CONSTRUCTION LIMITS
- PROPOSED TREE LOCATION
- VEGETATED BIOFILTER ITEM 670 - DITCH EROSION PROTECTION

KEYNOTES

- ① EXISTING WATER MANHOLE -ATG RIM 677.68- 678.06



Proposed Profile	679.62	680.68	681.75	682.81	683.83	684.58	685.33	686.08	686.83	687.46	687.91	688.36	688.86	689.56	690.26	Proposed Profile
700																700
695																695
690																690
685																685
680																680
675																675
670																670
Existing Profile		679.87		682.93		684.78		686.31		687.55		688.59		689.88	690.93	Existing Profile
0+00			1+00			2+00				3+00					3+80	

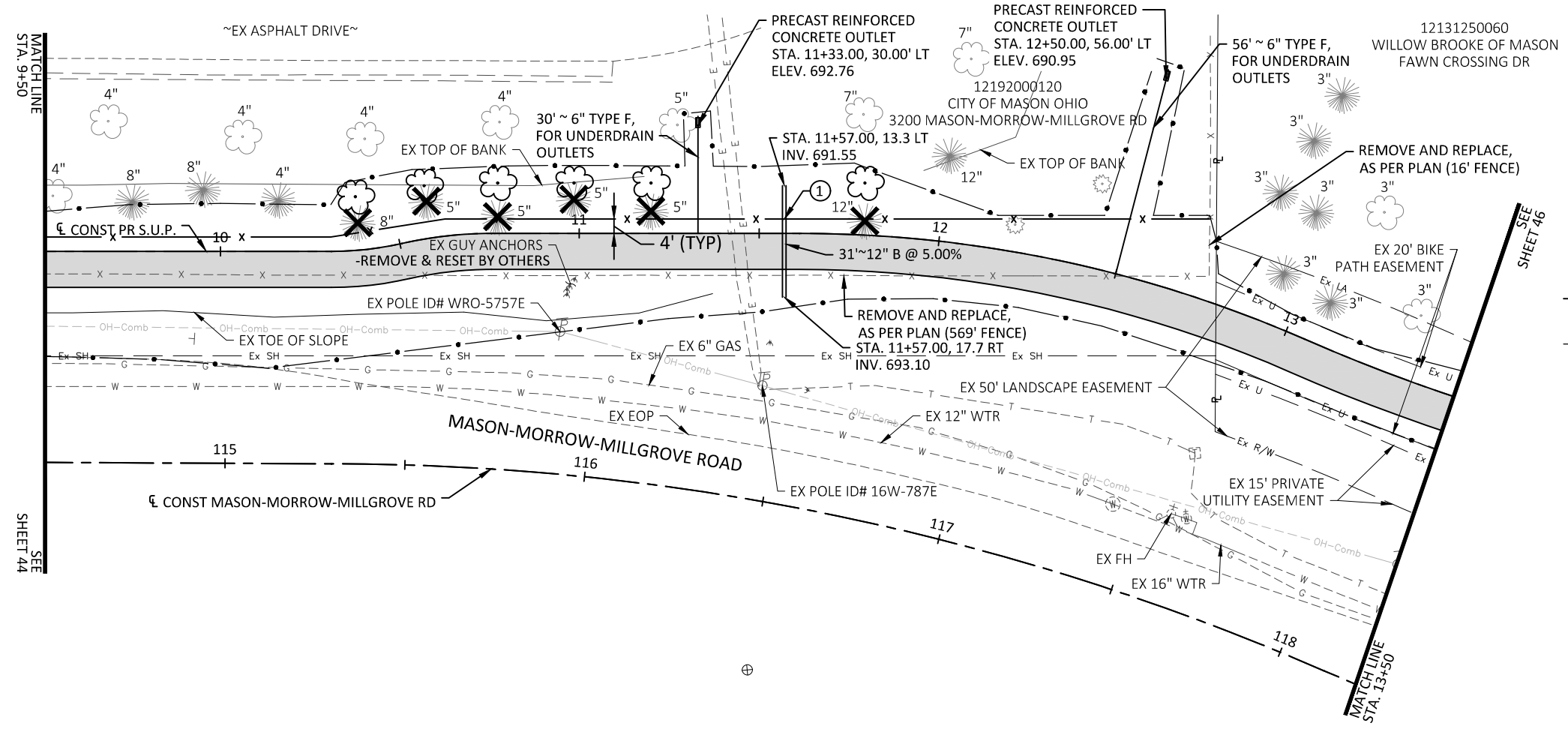
PLAN AND PROFILE - S.U.P.  
STA. 0+00.00 TO STA. 3+80.00

WAR - CR38 - 00.37

07/08/2024







- NOTES**
- REFER TO SCHEMATIC PLAN SHEETS FOR ALIGNMENT INFORMATION AND SURVEY CONTROL & BENCHMARK INFORMATION.
  - REFER TO GENERAL NOTES FOR MORE INFORMATION ON PROPOSED TREES.
- LEGEND**
- PROPOSED S.U.P.
  - REMOVE IF NEEDED (SEE GENERAL NOTES)
  - PROPOSED FENCE
  - CONSTRUCTION LIMITS
  - PROPOSED TREE LOCATION
- KEYNOTES**
- ① CONTRACTOR TO VERIFY AND AVOID LOCATION OF PROPOSED FENCE POSTS DURING INSTALLATION OF PROPOSED 12" STORM SEWER.



Existing Profile	9+50	10+00	11+00	12+00	13+00	13+50	Proposed Profile
695.48	697.14	697.73	697.53	697.55	693.72	694.43	694.90
695.70	695.70	695.82	696.01	696.20	696.39	696.19	695.89
700	700	700	700	700	700	700	700
705	705	705	705	705	705	705	705

PR S.U.P. PROFILE GRADE

PR 12" STM CROSSING PIPE

PVI STA: 9+80.00, PVI ELEV: 695.67

PVI STA: 10+80.00, PVI ELEV: 696.42

PVI STA: 11+30.00, PVI ELEV: 695.83

PVI STA: 11+80.00, PVI ELEV: 694.33

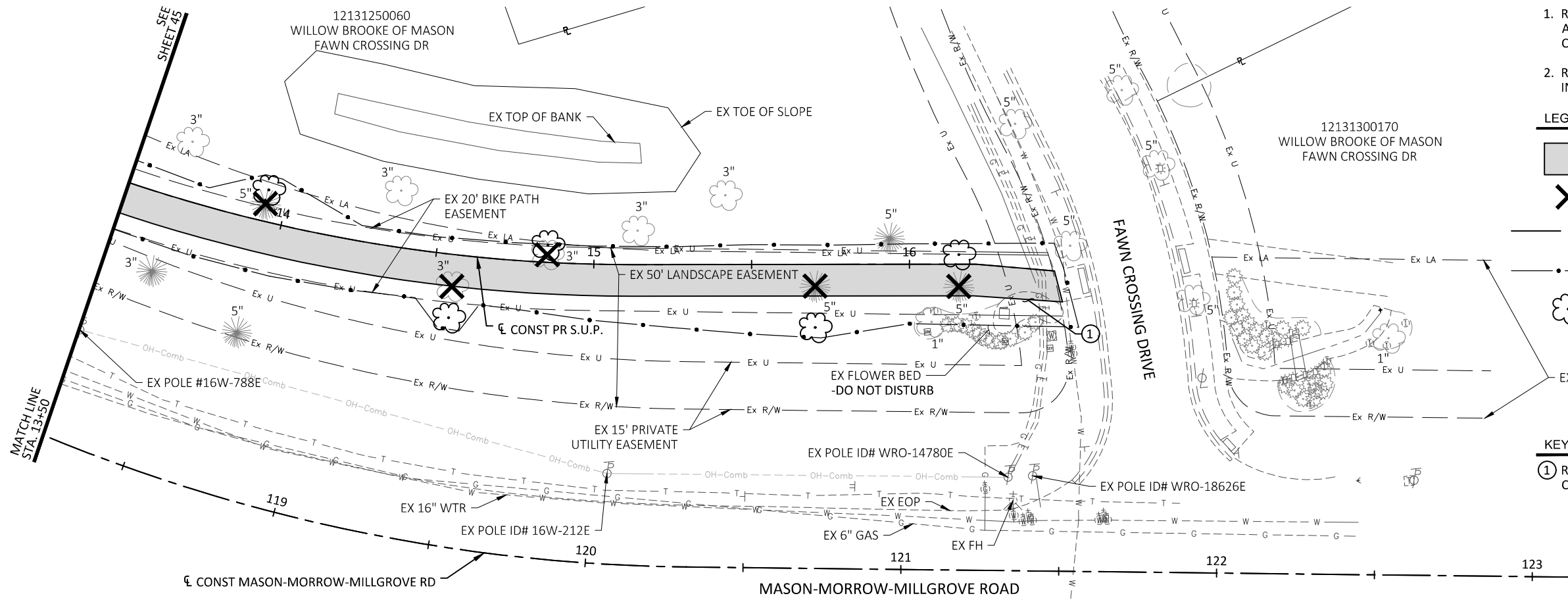
PVI STA: 12+50.00, PVI ELEV: 693.45

Grades: -0.50%, 0.75%, -1.19%, -3.00%, -1.25%, 1.93%

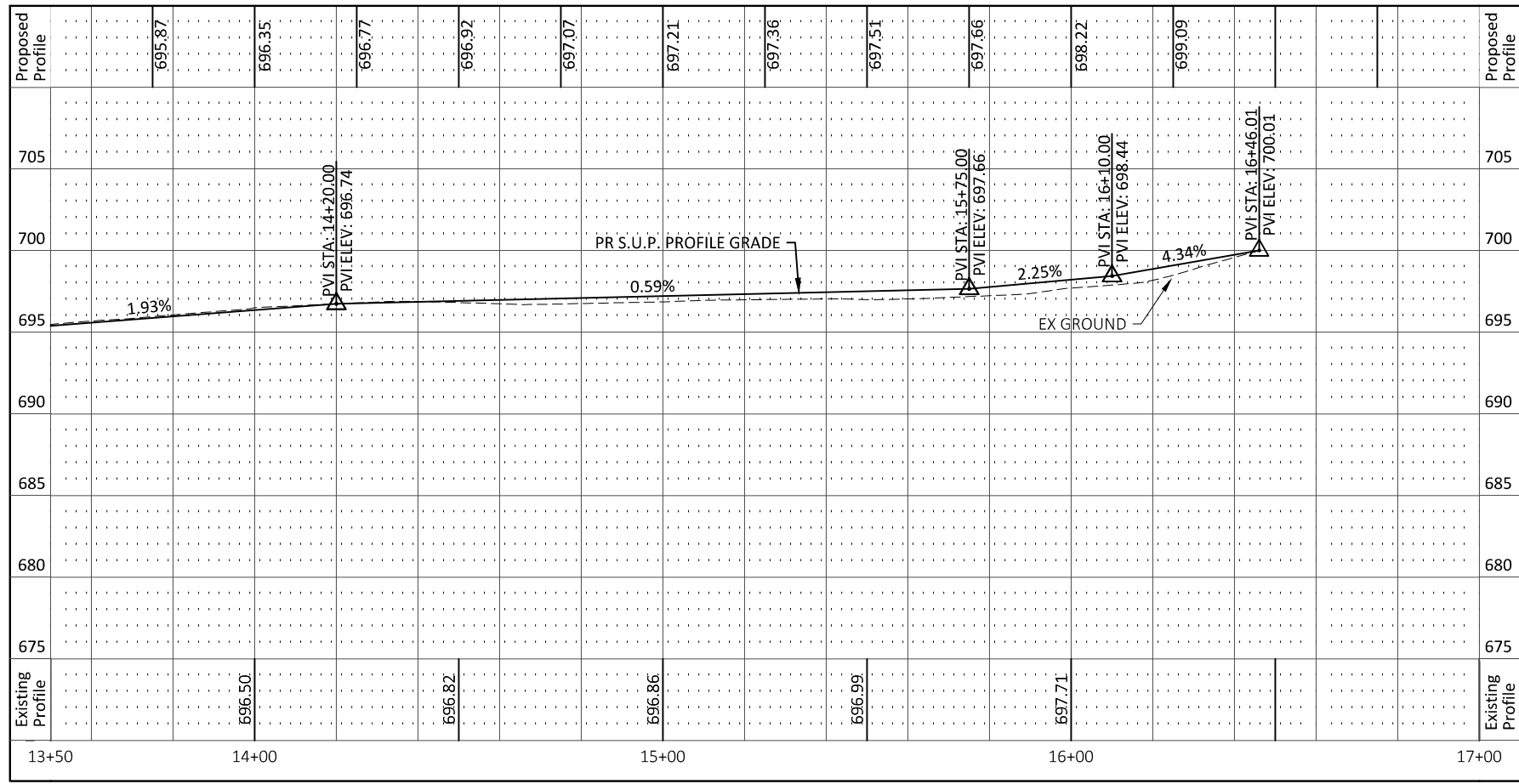
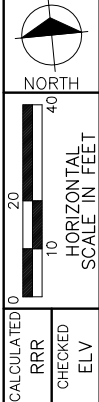
**PLAN AND PROFILE - S.U.P.**  
**STA. 9+50.00 TO STA. 13+50.00**

**WAR - CR38 - 00.37**

07/08/2024



- NOTES**
- REFER TO SCHEMATIC PLAN SHEETS FOR ALIGNMENT INFORMATION AND SURVEY CONTROL & BENCHMARK INFORMATION.
  - REFER TO GENERAL NOTES FOR MORE INFORMATION ON PROPOSED TREES.
- LEGEND**
- PROPOSED S.U.P.
  - REMOVE IF NEEDED (SEE GENERAL NOTES)
  - PROPOSED FENCE
  - CONSTRUCTION LIMITS
  - PROPOSED TREE LOCATION
  - EX 50' LANDSCAPE EASEMENT
- KEYNOTES**
- REMOVE EXISTING ROCK AS NEEDED FOR CONSTRUCTION OF S.U.P.



**PLAN AND PROFILE - S.U.P.**  
**STA. 13+50.00 TO END**

**WAR - CR38 - 00.37**

07/08/2024

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

20

30

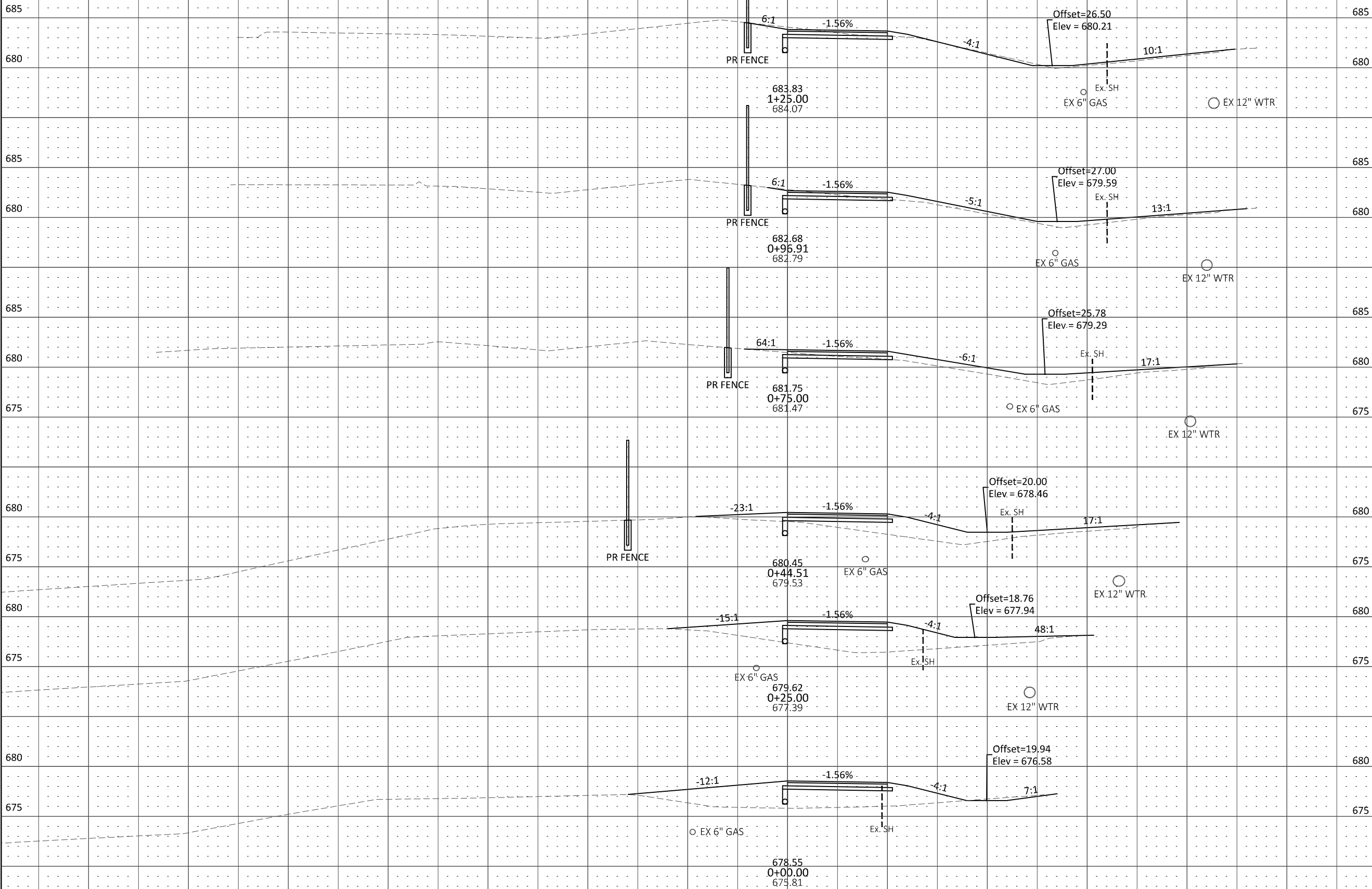
40

50

END AREA		VOLUME	
CUT	FILL	CUT	FILL
S.F.	S.F.	C.Y.	C.Y.

CALCULATED	
RRR	CHECKED
ELV	ELV

REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES



685	9	5	8	9
680	6	11	4	13
685	3	19	2	30
680	0	33	0	31
675	0	52	1	49
680	2	52		
675				
SUB-TOTAL	15	132		

CROSS SECTIONS - S.U.P.  
STA. 0+00.00 TO STA. 1+25.00

WAR - CR 38 - 00.37

47  
59

07/08/2024

SUB-TOTAL

70

60

50

40

30

20

10

0

10

20

30

40

50

SUBTOTAL

15

132

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

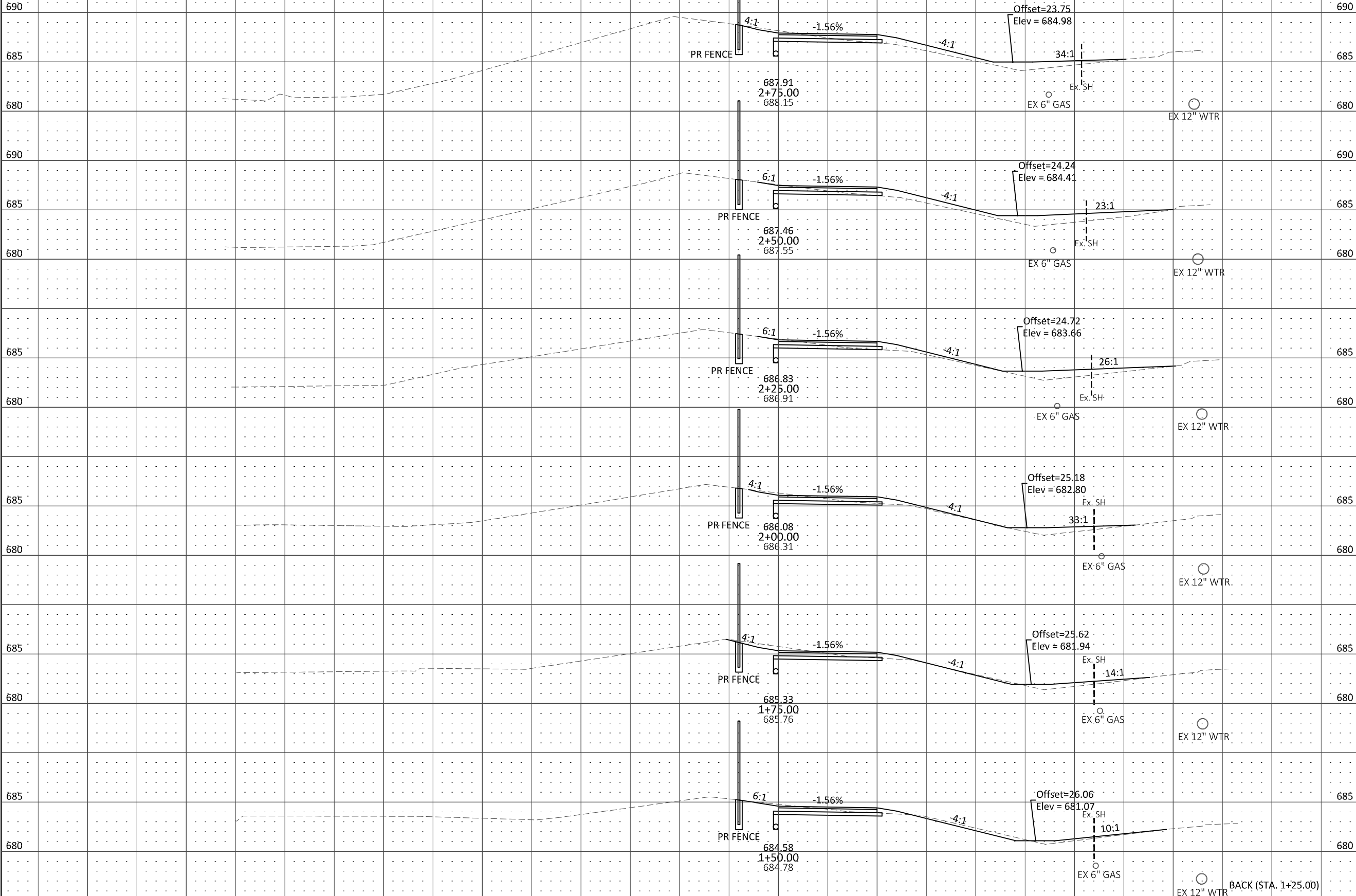
20

30

40

50

END AREA		VOLUME		CALCULATED RRR	CHECKED ELY
CUT	FILL	CUT	FILL		
S.F.	S.F.	C.Y.	C.Y.		



REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

CROSS SECTIONS - S.U.P.  
STA. 1+50.00 TO STA. 2+75.00

WAR - CR 38 - 00.37

48  
59

SUB-TOTAL

70

60

50

40

30

20

10

0

10

20

30

40

50

SUBTOTAL	44	56
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07/08/2024

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

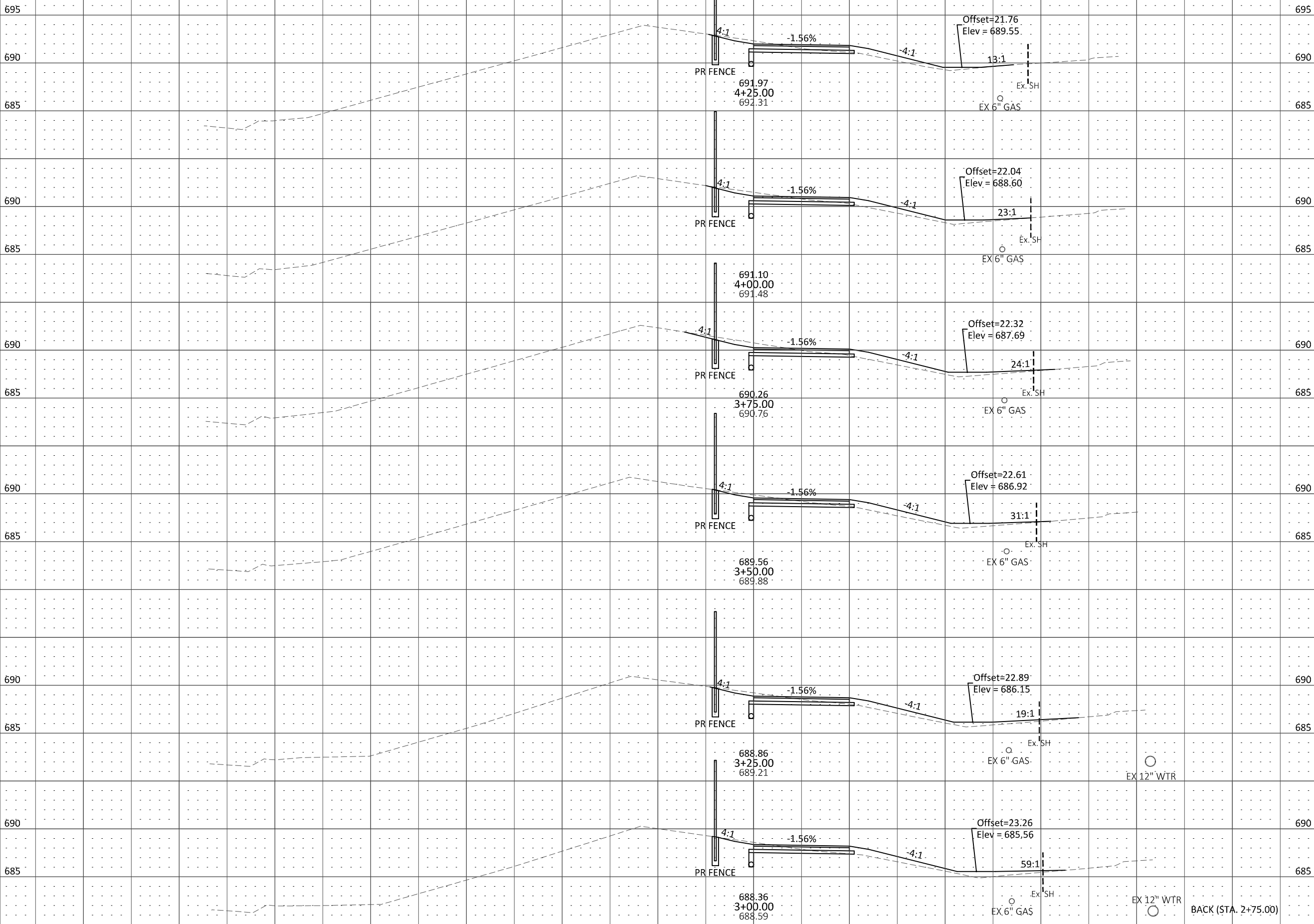
20

30

40

50

END AREA		VOLUME		CALCULATED RRR	CHECKED ELV
CUT	FILL	CUT	FILL		
S.F.	S.F.	C.Y.	C.Y.		



REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

CROSS SECTIONS - S.U.P.  
STA. 3+00.00 TO STA. 4+25.00

WAR - CR 38 - 00.37

49  
59

SUB-TOTAL

70

60

50

40

30

20

10

0

10

20

30

40

50

SUBTOTAL 47 53

07/08/2024

SEEDING  
END SO.  
WIDTH YARDS

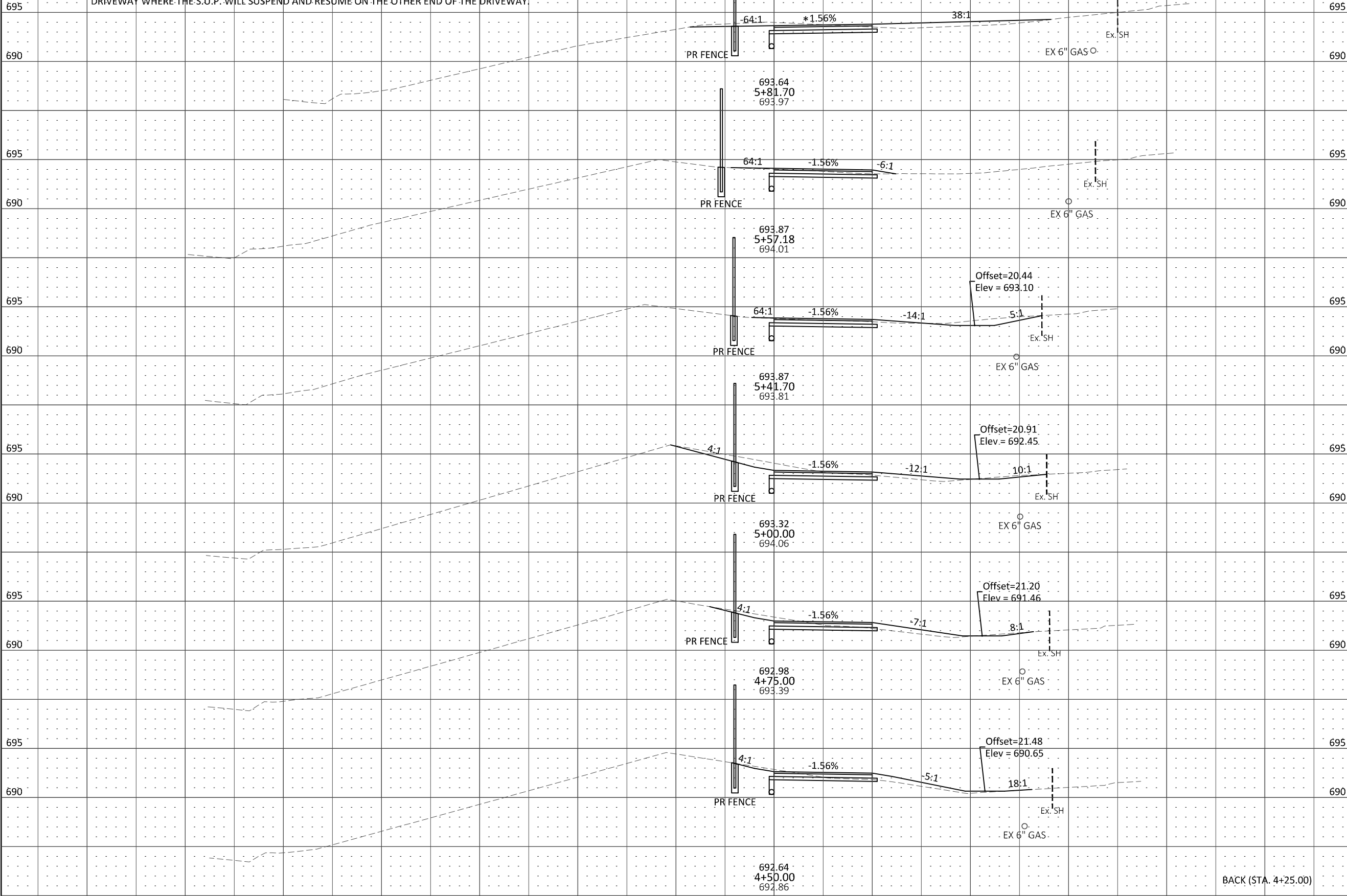
70 60 50 40 30 20 10 0 10 20 30 40 50

END AREA		VOLUME	
CUT	FILL	CUT	FILL
S.F.	S.F.	C.Y.	C.Y.

CALCULATED	CHECKED
RRR	ELY

\* PAVEMENT CROSS SLOPE TRANSITION AREA  
TRANSITION OF 1.56% TO 12.22% SHOULD OCCUR STARTING AT STA. 5+81.70 AND ENDING AT THE EXISTING DRIVEWAY WHERE THE S.U.P. WILL SUSPEND AND RESUME ON THE OTHER END OF THE DRIVEWAY.

REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES



695	12	8		
690			9	5
695	7	1		
690			6	1
695	12	2		
690			22	5
695	16	4		
690			13	5
695	10	5		
690			8	5
695	6	5		
690			7	6
695	7	7		
690				
SUB-TOTAL			65	27

CROSS SECTIONS - S.U.P.  
STA. 4+50.00 TO STA. 5+81.70

WAR - CR 38 - 00.37

50  
59

07/08/2024

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

20

30

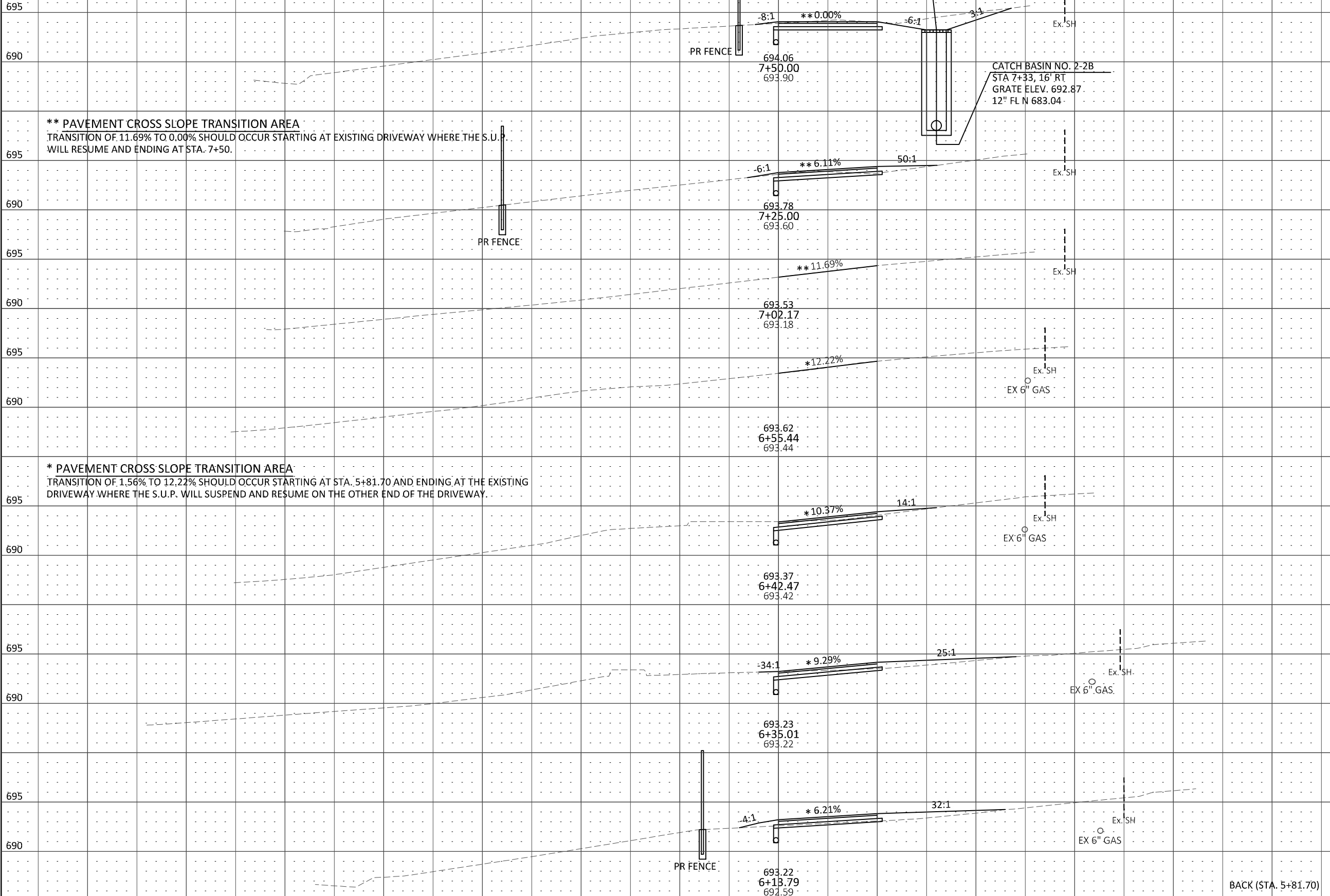
40

50

END AREA		VOLUME	
CUT	FILL	CUT	FILL
S.F.	S.F.	C.Y.	C.Y.

CALCULATED	CHECKED
RRR	ELV

REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES



**CROSS SECTIONS - S.U.P.  
STA. 6+13.79 TO STA. 7+50.00**

**WAR - CR 38 - 00.37**

51  
59

SUB-TOTAL

70

60

50

40

30

20

10

0

10

20

30

40

50

SUBTOTAL	32	23
----------	----	----

07/08/2024



SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

20

30

40

50

END AREA		VOLUME	
CUT	FILL	CUT	FILL
S.F.	S.F.	C.Y.	C.Y.

CALCULATED	CHECKED
RRR	ELY

700

695

700

695

695

690

695

690

695

690

695

690

SUB-TOTAL

700

695

700

695

695

690

695

690

695

690

695

690

19

11	2		
		11	2
11	2		
		10	2
10	2		
		11	2
12	1		
		13	1
14	1		
		15	1
18	1		
		18	1
19	1		
<b>SUBTOTAL</b>		78	9

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

PR FENCE

4:1

4:1

6:1

6:1

9:1

33:1

33:1

-1.56%

-1.56%

-1.56%

-1.56%

-1.56%

-1.56%

-1.56%

-4:1

-6:1

-6:1

-6:1

-6:1

-6:1

-6:1

Offset=15.00  
Elev = 694.54

Offset=15.00  
Elev = 694.36

Offset=15.00  
Elev = 694.08

Offset=15.17  
Elev = 693.77

Offset=15.67  
Elev = 693.41

695.75  
9+00.00  
696.27

695.47  
8+75.00  
695.96

695.19  
8+50.00  
695.56

694.91  
8+25.00  
695.28

694.62  
8+00.00  
694.81

694.34  
7+75.00  
694.32

Ex. SH

Ex. SH

Ex. SH

Ex. SH

Ex. SH

Ex. SH

BACK (STA. 7+50.00)

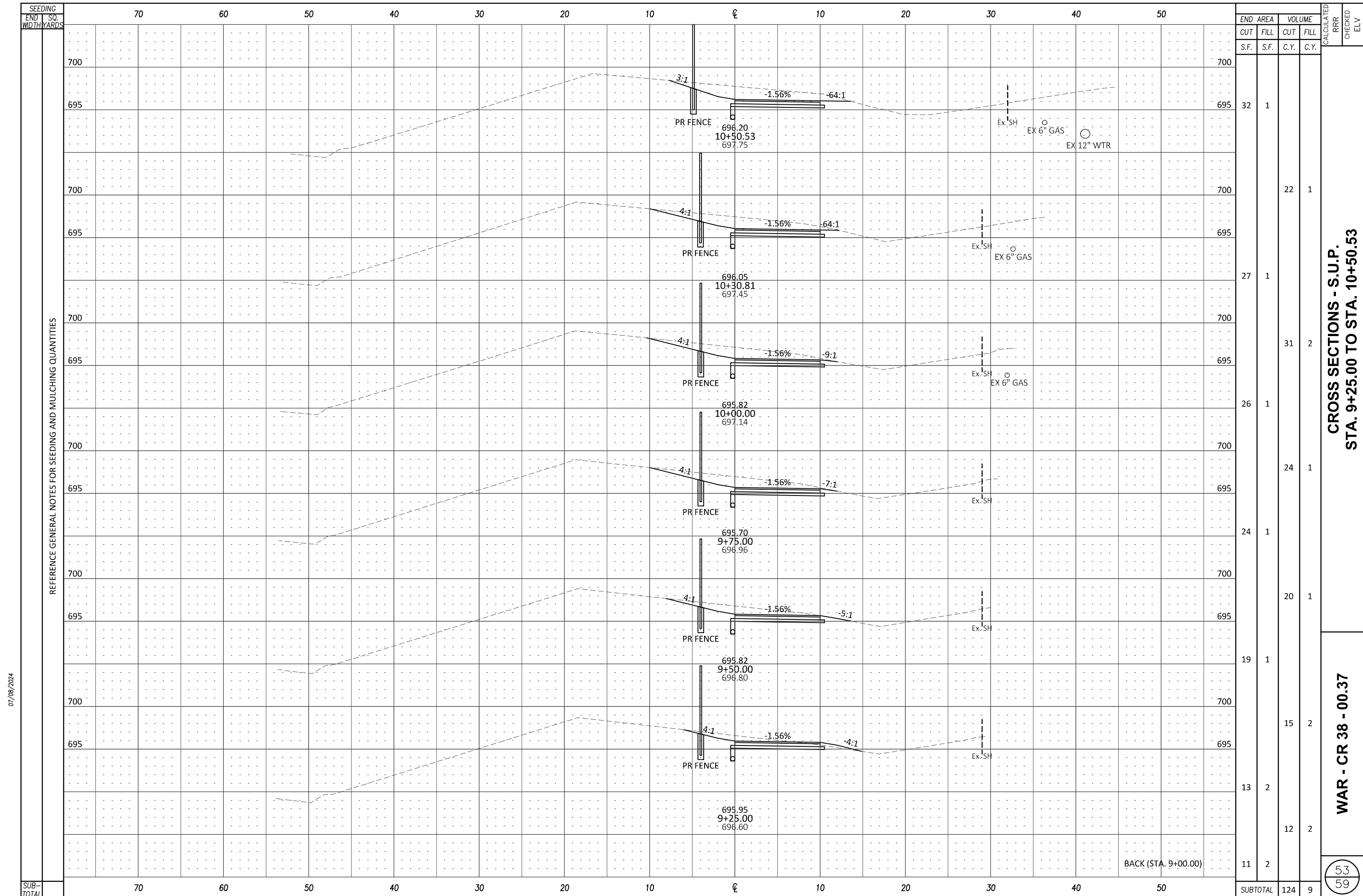
REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

07/08/2024

CROSS SECTIONS - S.U.P.  
STA. 7+75.00 TO STA. 9+00.00

WAR - CR 38 - 00.37

52  
59



REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

07/08/2024

SEEDING	END	SO.	WIDTH	YARDS
	70	60	50	40
	30	20	10	0
	10	0	10	20
	20	30	40	50
	70	60	50	40
	30	20	10	0
	10	0	10	20
	20	30	40	50
SUB-TOTAL	70	60	50	40

END	AREA		VOLUME		CALCULATED	RRR	CHECKED	ELY
	CUT	FILL	CUT	FILL				
S.F.	S.F.	C.Y.	C.Y.					
700								
695	32	1						
700			22	1				
695								
700								
695	27	1						
700								
695			31	2				
700								
695	26	1						
700								
695			24	1				
700								
695	24	1						
700								
695			20	1				
700								
695	19	1						
700								
695			15	2				
700								
695	13	2						
700								
695			12	2				
700								
BACK (STA. 9+00.00)	11	2						
SUBTOTAL	124	9						

**CROSS SECTIONS - S.U.P.**  
**STA. 9+25.00 TO STA. 10+50.53**

**WAR - CR 38 - 00.37**

53  
59

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

0

10

20

30

40

50

END AREA		VOLUME		CALCULATED RRR	CHECKED ELY
CUT	FILL	CUT	FILL		
S.F.	S.F.	C.Y.	C.Y.		

700

695

690

695

695

695

690

695

700

695

700

695

SUB-TOTAL

70

60

50

40

30

20

10

0

10

20

30

40

50

SUBTOTAL

82

81

CALCULATED  
RRR

CHECKED  
ELY

5

2

4

2

2

11

20

31

46

28

14

7

27

1

30

1

38

1

32

1

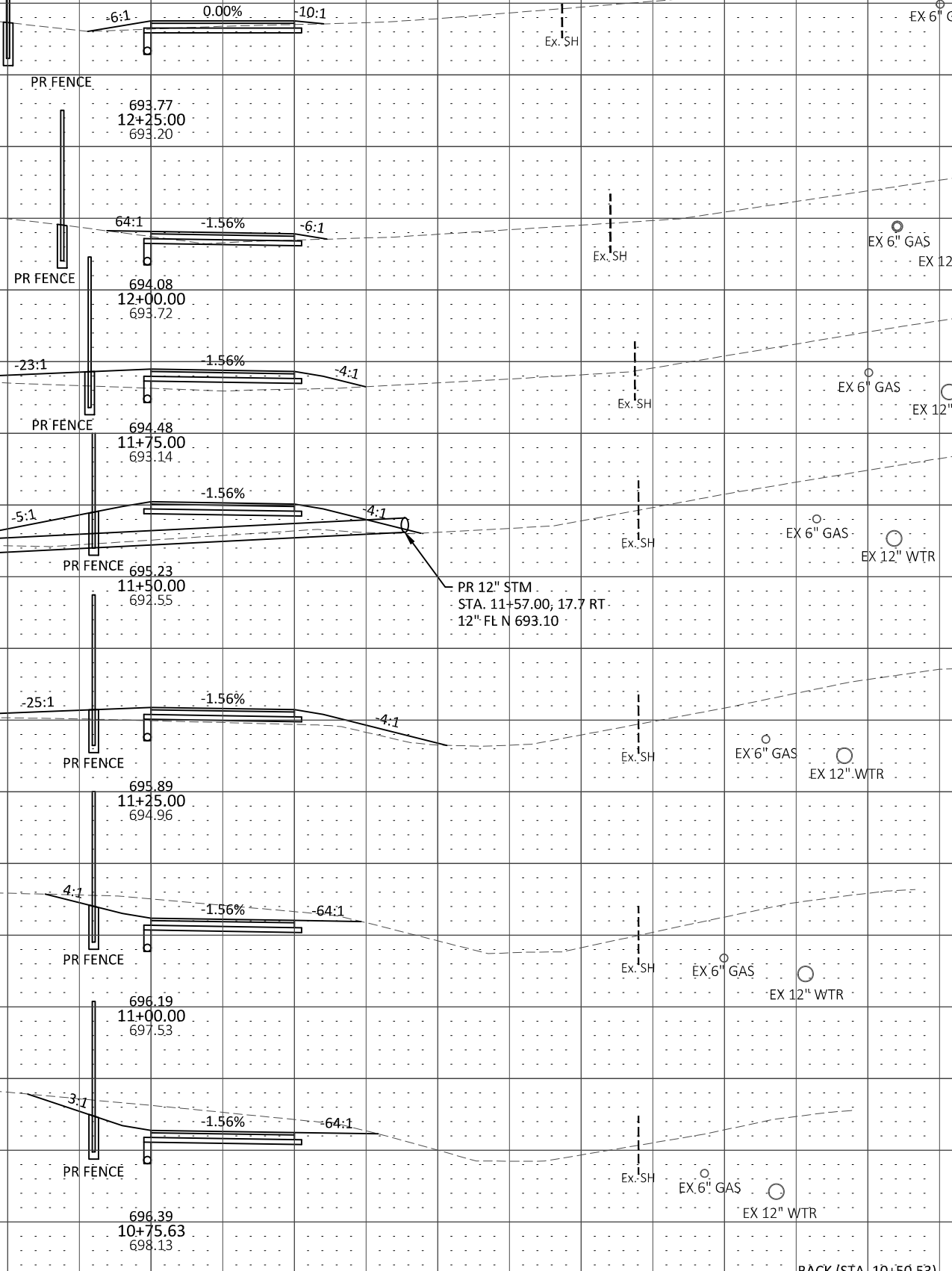
CROSS SECTIONS - S.U.P.  
STA. 10+75.63 TO STA. 12+25.00

WAR - CR 38 - 00.37

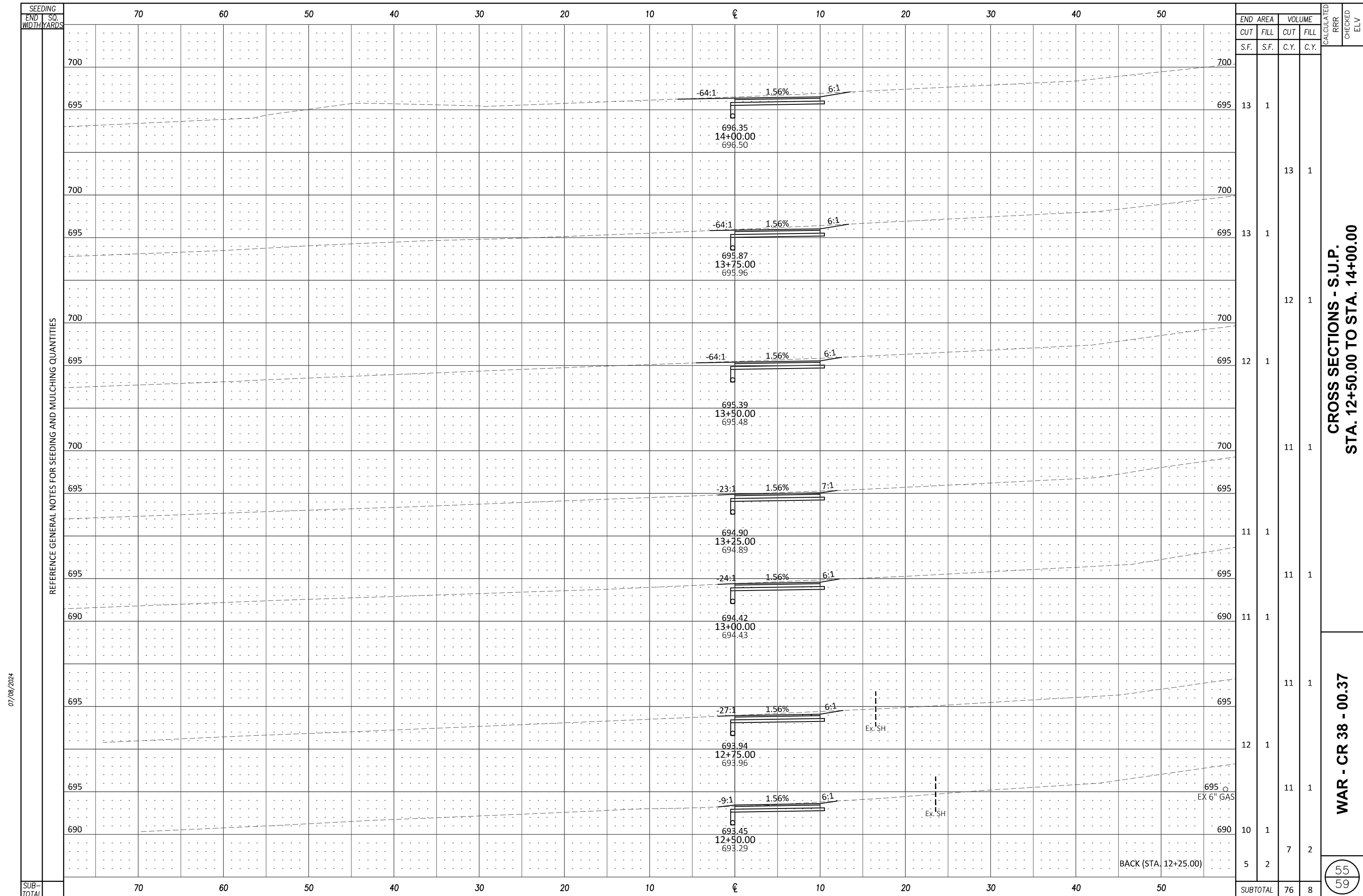
54  
59

REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

07/08/2024



BACK (STA. 10+50.53)



REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

07/08/2024

END STA.	AREA	VOLUME		CALCULATED RRR	CHECKED ELY
		CUT	FILL		
		S.F.	C.Y.		
700					
695	13	1			
700			13	1	
695	13	1			
700			12	1	
695	12	1			
700			11	1	
695	11	1			
690	11	1			
695	11	1			
690	11	1			
695	12	1			
690	11	1			
690	10	1			
BACK (STA. 12+25.00)	5	2	7	2	
<b>SUB-TOTAL</b>	<b>76</b>	<b>8</b>			

**CROSS SECTIONS - S.U.P.  
STA. 12+50.00 TO STA. 14+00.00**

**WAR - CR 38 - 00.37**

55  
59

SEEDING  
END SO.  
WIDTH YARDS

70

60

50

40

30

20

10

℄

10

20

30

40

50

END AREA

VOLUME

CALCULATED

CUT

FILL

RRR

S.F.

S.F.

CHECKED

C.Y.

C.Y.

ELV

REFERENCE GENERAL NOTES FOR SEEDING AND MULCHING QUANTITIES

700

695

700

695

700

695

700

695

700

695

700

695

700

695

700

695

700

695

700

695

700

695

700

695

13

4:1 1.56% 64:1

697.51  
15+50.00  
696.99

6:1 1.56% 64:1

697.36  
15+25.00  
697.00

6:1 1.56% 64:1

697.21  
15+00.00  
696.86

6:1 1.56% 64:1

697.07  
14+75.00  
696.73

12:1 1.56% 9:1

696.92  
14+50.00  
696.82

37:1 1.56% 6:1

696.77  
14+25.00  
696.80

BACK (STA. 14+00.00)

CROSS SECTIONS - S.U.P.  
STA. 14+25.00 TO STA. 15+50.00

WAR - CR 38 - 00.37

56  
59

07/08/2024

SUB-TOTAL

70

60

50

40

30

20

10

℄

10

20

30

40

50

SUBTOTAL

51

10





CITY OF **MASON** OHIO  
*more than you imagine.*

# CONSTRUCTION STANDARDS

## GENERAL NOTES

**SPECIFICATIONS AND STANDARDS:** All work shall be done in accordance with the State of Ohio Department of Transportation, Construction and Material Specifications, and Standard Drawings (latest edition), and City of Mason Standard Construction Drawings.

**CLEAN STREET POLICY:** A Clean Street Policy will be enforced by the Engineering and Police Departments. No person shall operate any vehicle so as to track or drop mud, stones, gravel, or other similar materials on any City street, highway, or other public place.

**EROSION CONTROL:** Erosion control shall be installed prior to the stripping of any vegetation and shall be closely maintained to meet the Standards of the State of Ohio Department of Transportation Construction Materials and Specifications, Item 207 and the City of Mason Erosion Control Standards.

**PRE-CONSTRUCTION MEETING:** The City requires a pre-construction meeting with the contractor at least 48 hours before any construction is to begin.

**INSPECTIONS:** Inspections shall be required for all work and will be handled by the City of Mason Engineering and Building Department and the Public Utilities Department. An inspector must be notified at least 24 hours prior to any work.

**STREET SUBGRADE:** Street subgrade will be inspected to determine the density of the subgrade and soil compaction. The inspector will require the contractor to proof roll the subgrade per ODOT 204.05. The subgrade must be stable before any curbs or pavement will be permitted.

**SUMP PUMP DRAINS:** All sump pump drains shall be tied either directly into a catch basin or into a sump line that is connected to a catch basin.

**DOWN SPOUTS / ROOF DRAINS:** Down spouts or roof drains shall discharge onto splash blocks or into a stoak at the rear of the property. However, down spouts or roof drains may be tied into the sump lines provided the sump lines are sized adequately to handle the flow.

**TREES:** Trees shall not be placed closer than 5 feet to any utility.

**CONCRETE WORK:** All forms shall meet or exceed the depth of the slab being poured.

**AS-BUILT DRAWINGS:** As-built drawings, on mylar with changes shown in red, are required at the completion of the project. All changes from the original drawing shall be shown on the as-builts. All major changes must be approved by the City Engineer, prior to construction. As-built drawings must include all of the following: actual locations of manholes and catch basins for all storm and sanitary, actual elevations of pipe inverts, manhole lids, top of grades, window elevations and actual slopes of all piping. Drawings must also be submitted in electronic format (AutoCad or ArcView) showing all sanitary, storm, streets, centerlines, right-of-way, parcels and contours.

**FINAL INSPECTION:** A final inspection will be done before the improvements are approved and presented to council for acceptance. There will be a thorough inspection by GCHW of all water main valve boxes and curb boxes to make sure they are clean, straight, set to final grade, etc. Sanitary Sewers will be checked by Mason for cleanliness, distance between manholes, and condition of manholes, etc. Storm Sewers will be inspected by Mason for cleanliness, workmanship, ability to drain the subdivision, etc. Catch basins and storm manholes will be inspected by Mason for completeness, top and grade, cleanliness, slope, etc. Asphalt will be inspected by Mason for quality, cracking, low spots, cleanliness, etc. Curbs will be inspected by Mason for quality of concrete, cracks, low spots, and cleanliness.

**MAINTENANCE OF STREETS:** Prior to the City of Mason accepting the public improvements, the Developer is responsible for all repairs and maintenance of improvements which includes, but is not limited to: removal of ice, snow, dirt, mud, obstructions and debris; repairing broken or damaged sewer and water lines; repaving potholes, broken or spalled rigid and/or flexible pavement.

## WATER MAINS AND APPURTENANCES

As of March, 2002, all water mains will be reviewed and inspected by the Greater Cincinnati Water Works and will need to meet their standards. Please contact Mark Niehe (513) 591-7870 for construction inspection questions.

## WATER SERVICES AND APPURTENANCES

As of March, 2002, all water services will be reviewed and inspected by the Greater Cincinnati Water Works and will need to meet their standards. Please contact Mark Niehe (513) 591-7870 for construction inspection questions.

## STORM SEWERS

**SIZE**  
Minimum of 12" diameter.

**TYPE**  
(A) Reinforced concrete pipe conforming to State of Ohio Department of Transportation Specification 705.02, Class IV with rubber gaskets.  
(B) Thermoplastic, profile wall, smooth interior pipe, conforming with State of Ohio Department of Transportation Specification 707.42 may be used only where not under pavement and with City Engineer's approval. This type of piping must terminate at manhole/ headwall, cannot be daylighted.

**COVER**  
Minimum cover will be 12" over top of the pipe to the subgrade for concrete pipe and 24" over top of pipe for thermoplastic pipe.

**BEDDING AND BACKFILL**  
Use ODOT 603.04 type 3 bedding for concrete pipe, or as directed by the City Engineer. ODOT 603 applies to all storm sewers. For all other types of conduit, provide ODOT 603.04 class "B" bedding 8 inches under the bottom of the pipe and 12 inches over the crown of the pipe. All bedding material shall be ODOT 703 #9 course aggregate. All backfill material shall be densely compacted clay in accordance with ODOT 203, or as directed by the City Engineer.

**CATCH BASIN AND MANHOLES**  
Catch basins and manholes shall be constructed as shown in the City of Mason Standard Construction Drawings. The maximum allowable distance between manholes or catch basins is three hundred feet (300'). Alignment of storm sewers shall be as straight as possible to maintain good hydraulics. A manhole or catch basin shall be installed at all angle points and every change in pipe size or slope. Cast iron frame shall be Neenah R-1804, or approved equal, with "STORM" in large letters on the lid and shall be set on the curb with asphalt mastic.

**CONCRETE CHANNELS**  
Concrete channels will be used in all detention basins and in all open ditch areas where there is a potential erosion problem, as directed by the City Engineer.

**UNDERDRAINS**  
Underdrains are required for all new streets.

## SANITARY SEWER LATERALS AND APPURTENANCES

Any plumber installing sewer service must be bonded with the City of Mason, Ohio.

**SANITARY SERVICE LINES**  
Laterals must be SDR 35 or SDR 28 pipe. Joints must be in accordance with manufacturer's specifications and Ohio Plumbing Code. Filings shall be compatible with adjoining pipe and shall be approved by the City. Run all sanitary sewer laterals beyond the right-of-way or to the house side of all easements within the property and mark as indicated in "Markings for Sanitary Laterals" (below).

**SIZE**  
The size of sewer lateral shall be approved by the Public Utilities Superintendent. In no case shall a lateral be less than 8" pipe from the sewer main to the building drain no more than 5 feet from the foundation.

**TAPS**  
The sewer lateral shall be placed at least 4 feet horizontally from, or if installed, at least 2 feet vertically and 2 feet horizontally from the water service. When a new tap is to be installed in an existing main, materials and procedures shall be approved by the City before proceeding with the tap. Lateral sewer connections to manholes are prohibited.

**MARKINGS FOR SANITARY LATERALS**  
All Sanitary Sewer Laterals shall be marked with a 2"x6" board, from the bottom of the trench at the invert of the pipe to 4 feet above final grade. The 2"x6" board should have a large red "S" painted at the top and the lot number and depth of bury painted in red below the "S". There shall also be an "S" stamped into the curb over the sewer lateral.

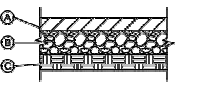
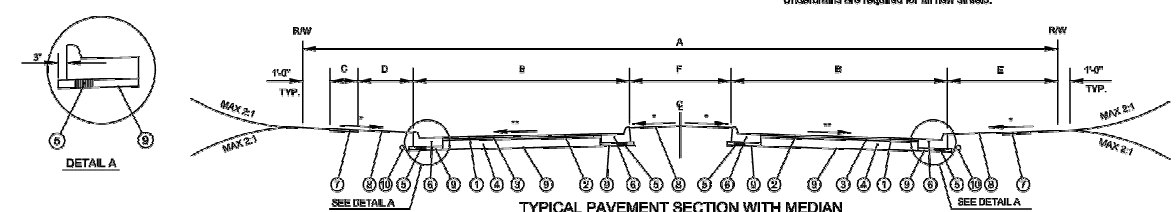
**CLEANOUTS AND SLOPE**  
Lateral must have a minimum fall of 1/4 inch per foot (2.0%) and must be 6" diameter from main to within 3 feet to 5 feet of foundation. Cleanout must be placed within 2 feet to 8 feet of foundation. If lateral is longer than 100 feet there must be a clean-out every 50 feet.

**BEDDING AND BACKFILL**  
There shall be a minimum of 6" bedding and backfill below and around the sides and 12" over the lateral, consisting number 8 of pea gravel. The balance of the backfill shall be densely compacted clay placed in no more than 12" lifts and in accordance with ODOT 203, or as directed by the City Engineer.

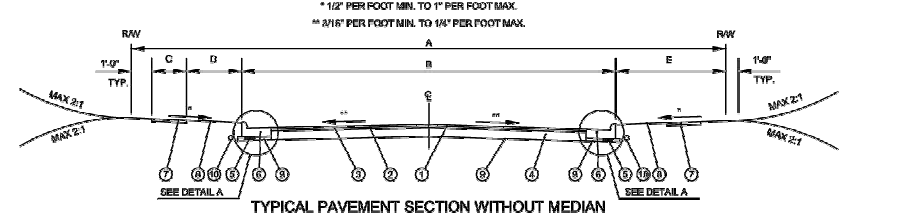
**INSPECTION**  
Lateral trench is not to be backfilled until inspected by a representative of the Building Department. The Building Department must be given 24-hour notice prior to inspection.

**ILLEGAL CONNECTIONS**  
Roof drains, foundation drains, and other clean water connections to the sanitary sewers shall be prohibited. Surface drainage shall not be permitted to enter sanitary sewers.

**CURBS AND GUTTER**  
Rubber tired curb machine shall not be permitted.



**TYPICAL BIKE PATH PROFILE DETAIL**  
A - ITEM 448 - 3" ASPHALT CONCRETE (2 LIFTS OF 1.5")  
B - ITEM 381 - 4" BITUMINOUS AGGREGATE BASE (2 LIFTS OF 2")  
C - ITEM 203 - SUBGRADE COMPACTION



## PAVEMENT LEGEND

- (I & II) Item 448 - 1 1/2" Compacted Asphalt Concrete, Type LH, Heavy, PG 70-22M, to be applied not less than 9 months after first 2 1/2" course of Intermediate asphalt has been installed with all edges sealed.  
(III) Item 448 - 1 1/2" Compacted Asphalt Concrete Surface Course, Type 1, Medium, PG 64-22, to be applied not less than 9 months after first 2 1/2" course of Intermediate asphalt has been installed with all edges sealed.
- (I & II) Item 407 - Tack Coat to be applied not less than 9 months after first 2 1/2" course of Intermediate asphalt has been installed.  
(III) Item 407 - Tack Coat to be applied not less than 9 months after first 2 1/2" course of Intermediate asphalt has been installed.
- (I & II) Item 448, 2 1/2" Compacted Asphalt Concrete Intermediate Course, Type 2, Heavy, PG 64-28 with all edges sealed.  
(III) Item 448 - 2 1/2" Compacted Asphalt Concrete Intermediate Course, Type 2, Medium, PG 64-28, all edges sealed.
- (I & II) Item 301 - 8" Bituminous Aggregate Base Compacted  
(III) Item 301 - 5" Bituminous Aggregate Base Compacted
- (I & II) Item 304 - 3 1/2" Aggregate Base
- (I & II) Item 609 - Type 2 Concrete Combined Curb and Gutter  
(III) Item 609 - Type 1 Concrete Combined Curb and Gutter
- (I, II & III) Item 608 - 5" Concrete Walk (Slope 1/4" FT.)  
If a Bike Path is required by the City of Mason, then see Pavement Profile Detail.
- (I, II & III) Item 659 - Seeding and Mulching  
(I, II & III) Item 660 - Sodding  
(I, II & III) Item 203 - Subgrade Compaction
- (I, II & III) Item 605 - Underdrains

P/MT MAKE-UP	STREET DESIGNATION	A	B	C	D	E	F
I	MAJOR ARTERIAL	10" MIN	25" 0"	4" 0"	8" MAX TO 3" MIN	14" MAX TO 8" MIN	10" TO 12" MIN

NOTE:  
IF GRANULAR IS WARRANTED, FACE SHALL BE 9" OFF THE BACK OF CURB.

P/MT MAKE-UP	STREET DESIGNATION	A	B	C	D	E
I	MAJOR ARTERIAL	10" MIN	25" 0"	4" 0"	12" 0"	17" 0"
II	MINOR ARTERIAL	8" MIN	25" 0"	4" 0"	8" 0"	13" 0"
II	COLLECTOR	6" MIN	17" 0"	4" 0"	4" 0"	9" 0"
	LOCAL	5" MIN	25" 0"	4" 0"	5" 0"	10" 0"

NOTE: THE CITY ENGINEER RESERVES THE RIGHT TO ALTER THE PAVEMENT MAKE-UP IN RESPONSE TO SPECIAL SOIL CONDITIONS, TRAFFIC COUNTS, AND DESIGN LIFE. THE CITY ENGINEER ALSO RESERVES THE RIGHT TO REQUIRE AN ENGINEERING STUDY TO DETERMINE IF ANY ALTERATIONS TO THESE STANDARDS ARE REQUIRED IN SPECIAL CONDITIONS.

## SANITARY SEWER MAINS AND APPURTENANCES

Any plumber installing sewer service must be bonded with the City of Mason, Ohio.

**SEWER PIPE**  
Mains shall be SDR 35 plastic above 14 feet cover and SDR 26 plastic below 14 feet of cover. During installation of sanitary mains, the connection to existing system shall be plugged until all air tests of the new mains have been completed and passed. Any water in new sewer mains shall be pumped out prior to removing the plug. Installer is responsible for obtaining and maintaining updates from manufacturers.

**BEDDING AND BACKFILL**  
The bedding for SDR 35 pipe shall be number 8 pea gravel, 6" under and around the pipe and 12" over the top of the pipe. The ditch is then to be filled with clean clay fill compacted in 6" lifts. The bedding for SDR 26 plastic pipe shall be number 57 (1" washed stone) 6" under, around and 12" over the pipe. The balance of the backfill is to be clean clay in 6" lifts and compacted. At no time will the construction details be permitted in the trench. Setting of the trench shall be the responsibility of the installer. The City engineer reserves the right to alter the granular fill for changing soil conditions. Bedding and backfill shall conform to the type and composition specifications for Class B Bedding as provided by the most recent edition of the "State of Ohio Department of Transportation Construction and Material Specification," Sections 603.04 and 603.09.

**SLOPE**  
Minimum allowable slopes shall be based on the following table:

Size Conduit	Percent Slope
8"	0.70
10"	0.50
12"	0.40
18"	0.30
18"	0.24
24"	0.18
24"	0.18

**MANHOLES**  
Manholes shall be a minimum of 48" in diameter and constructed of precast concrete complete with cast iron frame and steps in accordance with City of Mason Standard Drawings. Cast iron frame shall be Neenah R-1804, or approved equal, with "SANITARY" in large letters on the lid and shall be set on the curb with asphalt mastic. All joints shall be made watertight and all manhole fit holes shall be plugged. The top of the lid shall be set flush with the finished grade. There shall be a maximum of 400 feet between manholes. All manholes shall have an inflow protector installed. Manhole from chimney seals shall be installed on any manhole located in pavement, within 5' of a stream, in a low lying area, or at the discretion of the Public Utilities Superintendent, or their representative.

**MANHOLE TESTING**  
**VACUUM:** All new manholes shall be subject to vacuum testing for watertightness or damage prior to placing into service. These tests, including furnishing of all appurtenances thereof, shall be performed at the Contractor's expense. This work shall be done only in the presence of a City Inspector. A minimum of 20% of all new manholes shall be tested. A representative of either the Engineering or Public Utilities Departments shall decide which manholes will be tested. If any manhole fails the testing procedure then 100% of all new manholes shall be tested. The vacuum test shall be performed by first inserting plugs into all pipes entering the manhole. The test head is then placed at the top of the manhole and a vacuum of 10 inches of mercury shall be drawn on the manhole. The valve on the vacuum line of the test head shall then be closed and the vacuum pump shut off. The time elapsed before the vacuum reading drops from 10 inches of mercury to 9 inches of mercury is noted and recorded. The manhole will be considered acceptable if the elapsed time is greater or equal to the time listed for the corresponding manhole in the following table:

Depth (feet)	Manhole Diameter (Inches)			
	48"	54"	60"	72"
8'	20	23	29	33
10'	25	28	33	41
12'	30	35	39	43
14'	35	41	46	51
16'	40	46	52	59
18'	45	52	59	66
20'	50	57	65	72
22'	55	64	72	79
24'	59	69	79	87
26'	64	75	85	94
28'	69	81	91	101
30'	74	87	98	109

Note: If the manhole being tested fails the initial test, necessary repairs shall be made. The manhole shall then be retested until a passing test is obtained.

**CLEANING**  
New sewers shall be flushed and vacuumed prior to testing and acceptance. They shall not be flushed into existing sewers.

**SEWER LINE TESTING**  
**AIR:** All new sewers shall be subjected to a leakage check either by an air test, or by an infiltration or exfiltration test. These tests, including furnishing of all appurtenances thereof, shall be performed at the Contractor's expense. This work shall be done only in the presence of a City Inspector. The air test, for conduits 24" and under, shall be performed by first inserting plugs in the line, isolating test sections between manholes. The isolated test section is then air pressurized to a minimum of 3.5 psi. Valves to and from the test section are then closed and air supply disconnected. Time elapsed before the pressure in the test section drops to 2.5 psi is noted and recorded. The test section shall be considered acceptable if the elapsed time is greater or equal to the time listed for the corresponding conduit in the following table:

Conduit Size	Minutes
8"	10
10"	16
12"	23
15"	36
18"	61
24"	70
24"	91

**INFILTRATION:** The infiltration test allowance, on conduits 27" and larger, shall be 0.12 gallon per inch of internal diameter per 100 feet of conduit per hour. The exfiltration test allowance shall be the same as for infiltration except that an additional allowance of ten percent over the basic allowance shall be allowed for each two feet of head over a basic two feet minimum head.

**MANDRELL:** Mandrel testing shall be done 45 days after sanitary sewer has passed the air test. Use of the City of Mason's Mandrel is required. Call the Engineering and Building Department 24 hours in advance to schedule test.

**TAPS**  
At time of installation, all taps must be extended to at least the property line (right-of-way) and through all utility easements.

**SPECIAL REQUIREMENTS**  
The specifications mentioned in this section are minimum requirements. The City reserves the right to invoke more restrictive requirements in special instances.

Revised	By	Revised	By	Revised	By
03-01-93	RJF	08-17-98	ASD	12-18-06	SPB
12-23-93	RJF	04-01-99	KMS		
06-21-94	TCE	01-01-99	KMS		
03-21-95	TVH	08-18-02	SPB		



# EROSION CONTROL STANDARD

## GENERAL NOTES

A preconstruction meeting with The City of Mason Engineering Department must be held before soil is disturbed.

### EROSION AND SEDIMENT CONTROLS

#### VEGETATIVE PRACTICES

Such practices may include: temporary seeding, permanent seeding, mulching, mowing, soil stabilization, vegetative strip, planting and protection of trees. The contractor shall initiate appropriate vegetative practices on all disturbed areas within seven (7) days if they are to remain dormant (undisturbed) for more than thirty (30) days. Permanent or temporary soil stabilization shall be applied to disturbed areas within seven (7) days after final grading is received on any portion of the site.

#### STRUCTURAL PRACTICES

Structural practices shall be used to control erosion and trap sediment from all sites remaining disturbed for more than fourteen (14) days.

#### TIMING

Sediment control structures shall be functional throughout earth disturbing activity. Sediment basins and perimeter sediment barriers shall be implemented on the first step of grading and within seven (7) days from the start of grading. They shall continue to function until the upstream development area is stabilized.

#### SEDIMENT BARRIERS

Sheet flow runoff from disturbed areas shall be intercepted by sediment barriers. Sediment barriers, such as sediment fences or diversion directing runoff to settling facilities, shall protect adjacent properties and water resources from sediment transported by sheet flow. Erosion and sediment control practices used to stabilize the conditions of this plan shall meet the standards and specifications in the current edition of Water Management and Sediment Control in Urban Areas (Soil Conservation Service) and/or the City of Mason Standards.

#### WASTE DISPOSAL

No solid or liquid waste, including building materials, shall be discharged in storm water runoff. Off-site vehicle tracking of sediments shall be minimized. The plan shall ensure and demonstrate compliance with applicable State or local waste disposal, sanitary sewer or septic system regulations.

#### MAINTENANCE

All temporary and permanent control practices shall be maintained and repaired as needed to ensure continued performance of their intended function.

#### SEDIMENT BASINS

Stormwater runoff containing damaging amounts of sediment should pass through a sediment basin or other suitable sediment trapping facility.

## VEGETATIVE PRACTICES

### PRESERVING EXISTING VEGETATION

Whenever possible, preserve existing trees, shrubs and other vegetation. To prevent root damage, do not grade, place soil piles, or park vehicles near trees marked for preservation. Place plastic mesh or straw fence barriers around trees to protect the area below their canopies.

### REVEGETATION

Seed, sod or mulch bare soil as soon as possible.

If construction is completed after October 31, seeding or sodding may be delayed. Applying mulch or temporary seed (such as ryegrass or winter wheat) is recommended if weather permits. Straw bales or soil fences must be maintained until final seeding or sodding is completed in spring March 15 - May 31.

### SEEDING AND MULCHING

Sow seed 4 to 8 inches of topsoil. Fertilize according to the soil test or apply 10 lb./1000 sq. ft. of 20-10-10 fertilizer. Seed with an appropriate mix for the site (see Table 1). Stake lightly to cover seed with 1/4 inch of soil. Roll lightly. Mulch with straw (70-90 lb.) or one bale per 1000 sq. ft. Anchor mulch by punching 2 inches into the soil with a disk, weighted disk or by other means or other means or other means. Water gently every day or two to keep soil moist. Less watering is needed once grass is 2 inches tall.

Grass	Typical Lawn Seed Mixtures	
	Percent by Weight	Stony Site
Kentucky bluegrass	65%	15%
Fine fescue	20%	70%
Perennial ryegrass	15%	15%
Seeding rate (lb./1000 sq. ft.)	3-4	4-5

Table 1

### SODDING

Sow sod 4 to 8 inches of topsoil. Fertilize according to soil test or apply 10 lb./1000 sq. ft. of 20-10-10 or 10-10-10 fertilizer. Lay sod. Tamp or roll lightly. On slopes, lay and starting at the bottom and work toward the top. Lay sods close down in several places. Initial watering should wet soil 6 inches deep (for unit water stands 1 inch deep in a straight sided container). Then water lightly every day or two for 2 weeks.

## SEDIMENT BARRIERS

### SOIL PILES

Locate away from any drainage street, driveway, stream, lake, wetland, ditch or drainage way. Temporary seed such as annual ryegrass is recommended for topsoil piles. Surround with straw bales or soil fences.

### TEMPORARY SUBMISSION OR INDUSTRIAL SITE DRIVEWAY

Install drainage pipe if required by the City Engineer. The sub-base may require undercutting and compaction. The dimensions are a minimum of 20 ft. x 100 ft., depending on the estimated use and site conditions. The base shall then be covered with a geo-textile mat and then covered with 6" of #2 crushed limestone (NO SLAG). This temporary driveway shall be maintained by the contractor on-site, and the stone shall be replaced upon request of the City Engineer or his inspector.

### TEMPORARY GRAVEL CONSTRUCTION PARKING AREA

Parking area for construction personnel and visitors to be placed in an area to the side of the entrance driveway. Stabilize soil, cover with a geo-textile mat and 6" of crushed stone and compact. The lot shall be large enough to accommodate all construction employees and 4 visitor spaces.

### TEMPORARY WASHING AREA

A drainage pit shall be established and drain pipe installed from the wash point. The wash point shall be elevated higher than the temporary entrance driveway. The wash point shall be based with geo-textile material for strength and to prevent mud from contaminating the stone. The next layer shall be clean 1/2" stone. Then covered with 5" to 6" of crushed limestone. Water may be used from any available source that does not contaminate water sources.

### TEMPORARY RESIDENTIAL DRIVEWAY

Install drainage pipe, if required, on the lot. Install a single access drive using 304 stone over a geo-textile material. Lay gravel 6 inches deep and 10 feet wide from the foundation to the street. Maintain throughout construction until driveway is paved. Park all construction vehicles on the street and off of the site.

### SEDIMENT CLEANUP

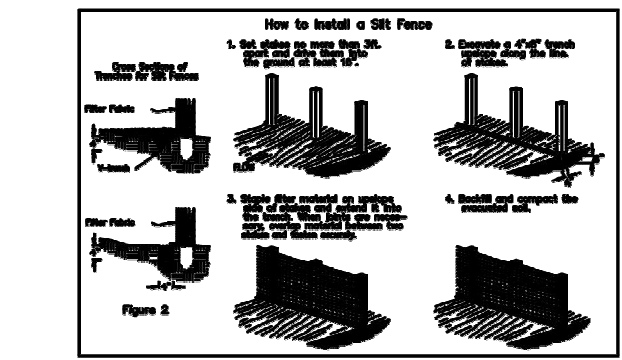
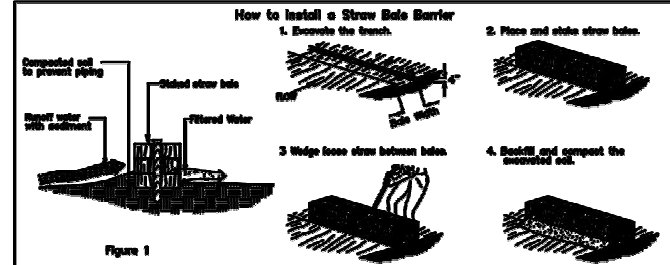
By the end of each work day, sweep or scrape up soil tracked onto the road. By the end of the next work day after a storm, clean up and washed off-site, and check straw bales and soil fence for damage or sediment buildup.

### DOWNSPOUT EXTENDERS

Not required, but highly recommended. Install as soon as gutters and downspouts are completed. Route water to a grassed or paved area. Maintain until a lawn is established.

### STRAW BALE OR SILT FENCE (See Figure 1 & 2)

Put up before any other work is done. Install on down-slope side(s) of site with ends extended up slopes a short distance. Place parallel to the contour of the land to allow water to pond before the fence. Entrench holes 4 inches deep. Stake with 2 stakes per hole or 1 stake every 3 feet for silt fences. Leave no gaps between bales or silt fences. Inspect and repair once a week and after every 1/2 inch of rain. Remove sediment if deposits reach half the fence or straw bale height. Maintain until a lawn is established.



## SEDIMENT BASINS

### DEFINITION

A temporary barrier or dam constructed across a watercourse or at other suitable location to retain sediment and other waterborne debris.

### SCOPE

This standard establishes minimum acceptable quality for the design and construction of temporary sediment basins formed by embankment, excavation or a combination of embankment and excavation. The standard is limited to sites where:

- Failure of the structure would not result in loss of life, damage to homes, commercial or industrial buildings, damage to highways or railroads or interruption of use or service of public utilities.
- The height of dam is 25 feet or less, as measured from the natural streambed at the crestline of dam to the top of dam.
- The total volume of storage is 150 acre-feet or less.
- The drainage area is 100 acres or less.
- The basin will be removed within a three-year period after construction.

### PURPOSE

Temporary sediment basins are used as a means of trapping and storing sediment from grading areas in order to protect downstream areas from damage resulting from sedimentation and waterborne debris.

### CONDITIONS WHERE PRACTICE APPLIES

Temporary sediment basins apply where physical site conditions or other restrictions preclude the installation of erosion control measures to adequately control erosion and sedimentation. It may be used downstream from construction operations which expose areas to erosion. Temporary sediment basins will be removed after the exposed areas are adequately protected against erosion by vegetative or mechanical means.

### COMPLIANCE WITH LAWS AND REGULATIONS

Design and construction shall comply with all local laws, ordinances, rules and regulations.

### LOCATION

To improve the effectiveness of the basin, it should be located so as to intercept the largest possible amount of runoff from the disturbed area. The best locations are generally low areas and natural drainage lines below disturbed areas. Drainage into the basin can be improved by the use of diversion ditches and ditches. The basin must not be located in a line stream but should be located to trap sediment-laden runoff before it enters the stream. The basin should not be located where its failure would result in the loss of life or in interruption of the use or service of public utilities or roads.

### MULTIPLE USE

Sediment basins may be designed as permanent structures to remain in place after construction is completed. Site conditions may make the use of these structures desirable for stormwater detention purposes. Whenever these structures are to become permanent, or if they exceed the size limitations of the design criteria, they must be designed as permanent ponds by a qualified professional engineer. Permanent ponds are beyond the scope of these standards and specifications. The permanent structures must be submitted with construction drawings for review and acceptance by the City Engineer.

### MAINTENANCE

Basins shall be checked weekly and cleaned when no longer effective.

## STORM DRAIN INLET PROTECTION

### DEFINITION

A sediment filter installed around a storm drain inlet or curb inlet to reduce sediment discharge.

### PURPOSE

To prevent sediment from entering the storm discharge systems prior to permanent stabilization of the disturbed drainage area. Different types of structures are applicable to different conditions.

### PLANNING CONSIDERATIONS

Storm sewers, which are made operational before their drainage area is stabilized, can convey large amounts of sediment to natural drainage ways. In case of extreme sediment loading, the storm sewer itself may clog and lose a major portion of its capacity. To avoid these problems, it is necessary to prevent sediment from entering the system at the inlets.

### DESIGN CRITERIA

The drainage area shall be no more than 1 acre. The inlet protection device shall be constructed in a manner that will facilitate element and removal of trapped sediment and minimize interference with construction activities. The inlet protection device shall be constructed in such a manner that any resultant ponding of stormwater will not cause excessive inconvenience or damage to adjacent areas or structures. Design criteria, more specific to each particular inlet protection device, will be found with that construction specification.

### STRAW BALE DROP INLET SEDIMENT FILTER

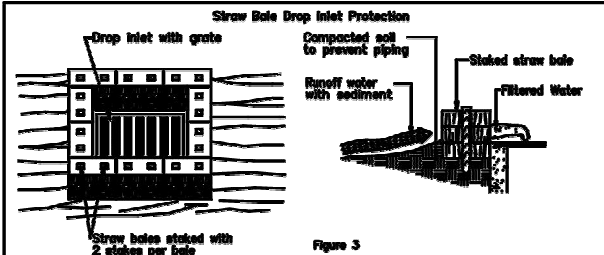
Bales shall either be wire-bound or staked with the bindings oriented around the sides. Bales shall be placed lengthwise in a single row surrounding the inlet, with the ends of adjacent bales pressed together. (Figure 3)

The filter barrier shall be anchored and ballfilled. A trench shall be excavated around the inlet the width of a bale to a minimum depth of 6". After the bales are staked, the excavated soil shall be ballfilled and compacted against the filter barrier.

Each bale shall be securely anchored and held in place by at least 2 stakes or rebar driven through the bale.

Loose straw shall be wedged between bales to prevent water from entering between bales.

This method of inlet protection is applicable where the inlet drains a relatively flat area (slope no greater than 5 percent) where sheet or overland flows (not exceeding 0.5 cfs) are typical.



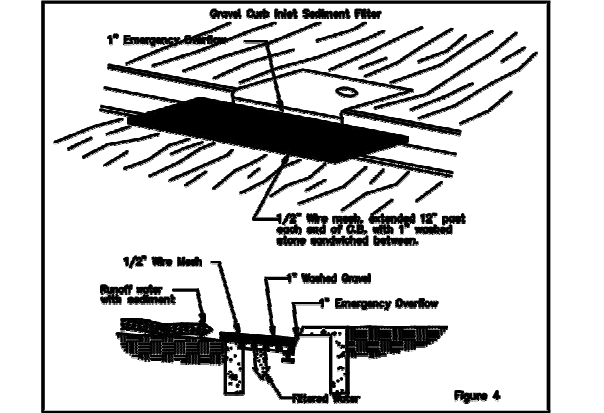
### GRAVEL CURB INLET SEDIMENT FILTER

Hardware cloth or comparable wire mesh with 1/2 inch openings shall be placed over the curb inlet opening so that at least 12 inches of wire extends across the inlet cover, and at least 12 inches of wire extends across the concrete gutter from the inlet opening, as illustrated in Figure 4.

1 inch washed stone shall be piled against the wire so as to anchor it against the gutter. Hardware cloth shall overlap the top leaving a 1 inch opening to the inlet.

If the stone filter becomes clogged with sediment, so that it no longer adequately performs its function, the stone must be pulled away from the curb inlet, cleaned or replaced.

This method of inlet protection is applicable to curb inlets where ponding in front of the structure is not likely to cause inconvenience, or damage to adjacent structures and unprotected areas.



### BLOCK & GRAVEL DROP INLET SEDIMENT FILTER

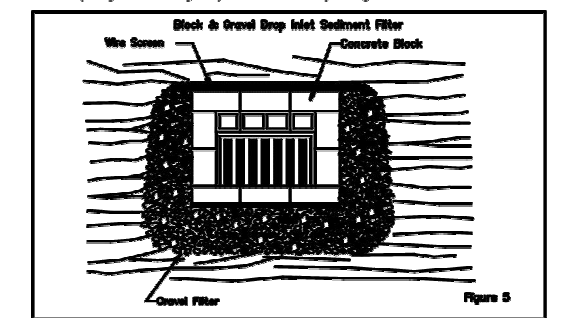
Pipe concrete blocks lengthwise on their sides in a single row around the perimeter of the inlet with the ends of adjacent blocks abutting. The height of the barrier can be varied, depending on design needs, by stacking combinations of 4 inch, 8 inch and 12 inch blocks. The barrier of blocks shall be at least 12 inches high and no greater than 24 inches high.

Wire mesh shall be placed over the outside vertical face (webbing) of the concrete blocks to prevent stone from being washed through the holes in the blocks. Hardware cloth or comparable wire mesh with 1/2 inch openings shall be used.

Stone shall be piled against the wire to the top of the block barrier, as shown in Figure 5. 0001 No. 1 Course Aggregate shall be used.

If the stone filter becomes clogged with sediment so that it no longer adequately performs its function, the stone must be pulled away from the blocks, cleaned or replaced.

This method of inlet protection is applicable where heavy flows are expected and where an overflow capacity is necessary to prevent excessive ponding around the structure.



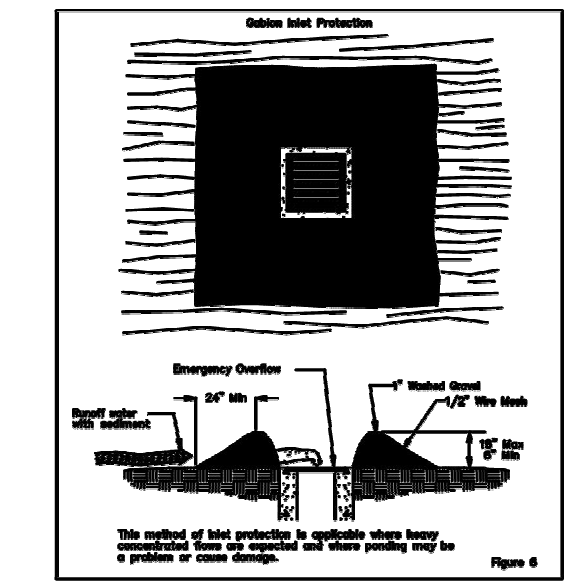
### GABION INLET SEDIMENT FILTER

Hardware cloth or comparable wire mesh with 1/2 inch openings shall be placed around the catch basin opening for a minimum distance of 24 inches as illustrated in Figure 6.

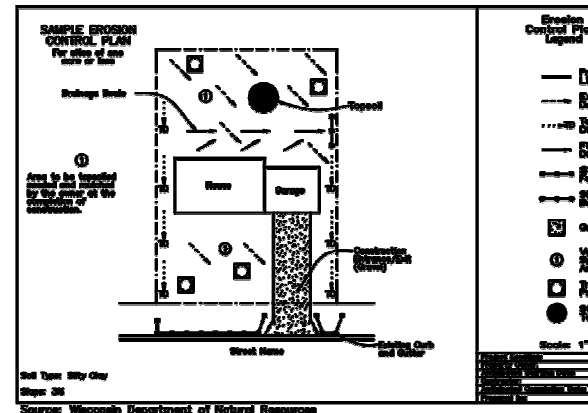
1 inch washed stone shall be piled on the wire, to anchor it on the ground, to a height of 8 inches minimum and 18 inches maximum and then covered with wire mesh.

If the stone filter becomes clogged with sediment, so that it no longer adequately performs its function, the stone must be pulled away from the catch basin, cleaned or replaced.

This method of inlet protection is applicable where heavy flows are expected and where an overflow capacity is necessary to prevent excessive ponding around the structure.



## EROSION CONTROL PRACTICES FOR RESIDENTIAL SITES



WARNING: Extra measures may be needed if your site:  
- is within 100 feet of a stream or wetland  
- is within 1000 feet of a lake  
- is steep (slopes of 12% or more)  
- receives runoff from 10,000 sq. ft. or more of adjacent land  
- has more than an acre of undisturbed ground  
For information on appropriate measures for these sites, contact City of Mason Engineer's office.

04/19/2024



# GENERAL PROVISIONS

The Contractor is advised that there are several changes to the most recent edition of the City of Cincinnati Supplement dated January 1, 2023. These General Provisions include these changes. The Supplement and a Summary of Changes can be purchased or downloaded from the City's website: <http://www.cincinnati-oh.gov/dote/assets/File/2023%20CITY%20SUPPLEMENT-FINAL.pdf>

Water main items are to be constructed in accordance with the provisions of the State of Ohio, Department of Transportation, Construction and Material Specifications, dated January 1, 2023, and modified by the City of Cincinnati Supplement to said State of Ohio Specifications, effective January 1, 2023, and any supplements or changes thereto. Copies of the State specifications are on file at the Office of Contract Sales of the State of Ohio, Department of Transportation, 25 South Front Street, Columbus, Ohio, and at the offices of the City Engineer of Cincinnati, Ohio. Submittal of a bid for this project implies that the Contractor has taken all provisions of the Supplement into account.

The Greater Cincinnati Water Works (GCWW) understands that differing site conditions results in extra work/change orders to the project. Change orders on GCWW contracts will be done in strict accordance with Item 109.05 C of the State of Ohio Department of Transportation Construction and Material Specifications dated January 1, 2023 or most recent edition and as modified in this City of Cincinnati Supplement. GCWW limits the mark up on wages and fringe benefits as described in 109.05 C. 2, "Labor" to 30%. It is expressly understood that regardless of the nature of the claim, or change in scope of work, the Contractor is not entitled to compensation for loss of anticipated profit or production.

As defined in the City of Cincinnati Supplement, sections 107.07 and 107.071, the Contractor is required to submit, at the time of the pre-construction meeting, a Site Safety Plan. Furthermore, the Contractor shall have an authorized and competent safety representative assigned to the project site.

The Contractor is advised that he has certain responsibilities under Section 153.64 of The Ohio Revised Code. For all underground utilities, contact the Ohio Utilities Protection Service at 1-800-362-2764 (toll free) 48 hours in advance of work. The Contractor is advised that all utility information has been shown on the contract plans from information provided by the owner of each utility in compliance with Sec. 153.64 of the Ohio Revised Code. In cases where utility information is incorrect and it results in a change in the contract plans the Contractor shall first notify the owner of the utility to determine the necessary course of action. The Contractor shall submit any subsequent claims as a result of downtime or additional work to the owner of the conflicting utility. The GCWW will not accept claims for any utility other than those as a result of incorrect water main and related appurtenance information.

The Contractor must locate or "pot hole" all utilities within the alignment of the proposed main a minimum of 50 feet ahead of pipe laying. Test holes must be dug, or trench excavated, a minimum of 50 feet (15.2 m) in advance of pipe laying, to assure proper clearance between the water main and any utility crossing, or underground structure. All utilities and structures shall be suitably braced and supported. The Contractor shall understand that any obstructions encountered in the installation of the main, due to the failure of having 50 feet (15.2m) of trench excavated ahead of laying operations, may require removal and relaying of the pipe at the contractors expense. The GCWW will not accept a claim for different utility conditions encountered when test holes are not performed as required.

Item 1120, "Exploratory Excavation", shall not include excavations within the limits of the proposed trench as defined in 1101.04 and 1101.05. Test holes are required on all utilities within 50 feet of the last laid pipe. Test holes within the alignment of the proposed trench are included in the Contractor's unit bid for Item 1101. Locations to be explored will vary from areas within the roadway to areas outside of the roadway.

It is the nature of construction that unmarked utilities or utilities not shown on the plans may be encountered within the excavation for the proposed work. the contractor is responsible to identify and remove any abandoned utilities encountered in the excavation. unless otherwise noted on the plans, no extra payment will be made for up to 10" diameter, width or depth utilities, to the contractor for the identification and removal of the abandon utility. All costs shall be included in the contractor's unit price bid for the appropriate item 1101, "Laying ductile iron pipe and fittings".

Street pavement or sidewalk should not be disturbed for a distance of more than 200 Feet (61.0 m) ahead of the last laid pipe. Backfill shall be completed within 50 feet (15.2 m) of the last laid pipe. Temporary or permanent surface restoration must be installed within a distance of 200 feet (61.0 m) of the laid pipe, including those areas where main installations occur within a closed lane or closed street condition. Roadway plates may be used as a temporary measure for a period not to exceed 24 hours without the approval of the GCWW.

Any undermined pavement of more than 6 inches horizontal must be removed prior to starting trench backfill. If undermining of pavement occurs more than 1 foot, then pavement must be shored to protect traffic, or arrangements made for additional lane closures must be made. If problems continue to occur regarding trenching integrity, sheeting and bracing can be required by the City Engineer or the City Engineer's representative, at the contractor's expense. If any tunneling is necessary, adequate information shown in both plan and profile and tunneling procedures must be submitted to the City Engineer's Office prior to commencement of work.

The GCWW has made every effort to depict the pipe sewers and lateral information on the plans. The Contractor is advised that sewer laterals are shown in plan view only. The Contractor shall determine the elevation of the sewer laterals in advance of laying the water main at these crossings. If the sewer laterals require changing in order to avoid conflict with the water main, or if the Contractor encounters a pipe sewer or lateral in the excavation that was not shown on the plans and requires a change of grade or alignment due to the installation of the water main, the Contractor shall furnish all necessary labor, material, tools, and equipment required to change the grade or alignment of pipe sewers and laterals of various sizes, allowing installation of water mains and appurtenances as shown on the plans, or as directed by the GCWW Inspector. This work shall include all necessary excavation, backfill, and restoration. The Contractor will be compensated under Item 1123, "Changing Pipe Sewers 8 Inch and Under". When crossing sanitary and combination sewers, a vertical clearance of 18" must be maintained.

## Notice of Confidentiality – Public Infrastructure Record

This Document is a Public Infrastructure Record of the City of Cincinnati and its Greater Cincinnati Water Works, and is not subject to the public disclosure requirements of the public records laws of the State of Ohio and federal government. This Document is being provided on the basis of your reported need, and shall be considered confidential. By accepting this Document, you agree that it will not be shared or otherwise disclosed to anyone other than persons who have a direct need to know for the sole purpose of carrying out the project for which this Document was obtained. Anyone receiving this Document is bound by the same confidentiality requirements and must take precautions to protect against its dissemination.

The failure to observe the confidentiality requirements of this Notice shall serve as the basis for the City of Cincinnati to immediately seek legal recourse, including the recovery of actual damages resulting from unauthorized access or disclosure of the Document.



The Contractor is advised that due to the alignment of the proposed water main, it may be necessary to install a temporary valve box over an existing chambered valve that must remain in service during the water main installation as directed by the GCWW Inspector. The chamber shall be abandoned, a valve box (furnished by the contractor) placed over the valve, and upon project completion, the valve box must be removed. The contractor will not receive additional compensation for this work, but should include the cost of this work in his unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

It is the Contractor's responsibility to provide adequate water supply for domestic and fire fighting purposes. In order to accomplish the water main connections with a minimum amount of inconvenience to the consumers, it may be necessary to do the work at other than normal working hours or as may be scheduled by the GCWW.

The Contractor is advised that the operating pressure of the existing water main within the limits of the subject project is approximately **115–125 P.S.I.**

In order to minimize the inconvenience of the consumers, the number of shutdowns required to do the proposed water main work shall be limited. Only one shutdown, limited to 8 hours, will be allowed during a 24 hour period.

All water service branches have a minimum cover of 3.0 feet.

The Contractor is advised that it shall be necessary to install temporary Plug/caps on the existing and proposed water mains in order to maintain service during testing and water main and branch connections. These temporary Plug shall be furnished by the contractor. He is responsible for their proper installation. The cost for this work shall be included in the Contractor's unit bid price for the appropriate Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor is required to excavate and expose the existing utilities and existing water mains along the line of the proposed water main and all proposed connection points to verify location, diameter, line and grade. Also, if the removal of the bulkhead or plug is required all excavation and temporary/permanent restoration shall be compensated under the Contractor's unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor is advised that all C.J. Plug are to be restrained with a Field Lok Gasket and all M.J. caps are to be restrained using a M.J.R.G.. This includes temporary Plug and caps for testing purposes. When a temporary plug is used, the contractor is permitted to remove the plug by cutting the section of pipe containing the plug and using a solid sleeve at that point to complete the tie-in. In the event that a cap is used, the contractor shall remove the M.J.R.G. and cap before completing the tie-in.

The Contractor is advised that on any fire hydrant required to be relocated with this project, all bolt assemblies shall be replaced. The cost for this work shall be included in the unit bid price for Item 1113 "Relocating Existing Fire Hydrants". No part of any fire hydrant setting shall be installed closer than five feet to any driveway, inlet, utility pole or guy wire anchor.

Item 1111, "Water Works Valve Chambers", shall also cover the furnishing and installing of Precast Reinforced Concrete Chambers in accordance with O.D.O.T. Specification 706.13. All pertinent provisions of this item and GCWW Standard Drawing No. 104-1A shall apply. Precast chambers shall be used in all locations where space permits and as directed by the GCWW.

Air cocks may be necessary for the proper operation of the water system. The Air Release Assembly, which may not be shown on the drawing, will be furnished and installed by the Contractor per the detail on these plans, if required by the GCWW.

It shall be the Contractor's responsibility to arrange for the removal and replacement of any poles and guys necessary for the installation of the proposed water mains, and any cost connected thereto shall be at his expense.

All pipe and specials shall be in accordance with City of Cincinnati Specification 40-110-12.

All procured water main and appurtenance materials, other than those furnished through the GCWW must be properly certified; certified for GCWW Inspection; or already inspected by the GCWW. Pipe, fittings, valves and fire hydrants must be GCWW inspected and stamped materials.

The Contractor should be advised that all Fittings (Bends, Offset Bends, Tees, Crosses, Sleeves, Caps and Plug) supplied for this job may be either ANSI/AWWA C-110 Full-body Ductile Iron, Cement Lined Fittings or ANSI/AWWA C-153 Compact Ductile Iron, Fusion Bonded Epoxy Coated Fittings in accordance with City of Cincinnati, Department of Purchasing, Standard Specification No. 40-110-12 for Pipe and Fittings Water, Ductile Iron 3" to 60". All fittings are subject to inspection and approval by appropriate GCWW inspection personnel. Minor pinholes and abrasions to epoxy coated valves and fittings are to be repaired using 3M Hot Melt Patch Compounds (H.M.P.C.) in the stick form. Repair procedures shall be in accordance with the General Application Steps identified for the H.M.P.C. All repairs to epoxy coated fittings are subject to inspection and approval by appropriate GCWW inspection personnel.

All rejected material, including pipe and fittings, shall be removed from the project site immediately.

The Contractor must maintain access to sidewalks at all times. Storage of any materials within the public Right of Way, including sidewalks, is not permitted unless approved by GCWW, the Project Engineer, or as indicated on the approved plans.

All copper tubing shall be type "K" of a standard nominal size: 3/4", 1", 1-1/2" and 2". All fittings will have copper flare type connections and shall be in accordance with City of Cincinnati Specification No. 40-113-05.

The contractor shall furnish the necessary certifications for branch material.

All proposed water mains will be hydrostatically tested for leakage in accordance with 1101.054, "Hydrostatic Test for Leakage", of the appropriate Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor will be responsible for filling, flushing, and pressure testing new water mains, 20" or smaller. The contractor will provide all labor, material and equipment (including the necessary pumps to apply the pressure test). The Water Works will provide the necessary meter and gauge. All costs for this work shall be included in the contractor's unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings". Once the filling and pressure testing are completed, the Contractor will be responsible for flushing the proposed water main and the GCWW will be responsible for bacteria sampling. The GCWW will be responsible for filling, pressure testing and flushing new water mains greater than 20".

The Contractor is responsible for all pipe sewers disturbed in the completion of this project. In the event it becomes necessary to repair or replace existing pipe sewers, the Contractor must notify Sewer Maintenance, (513)244-1369, before proceeding with the work.

The Contractor is advised that his unit bid prices for the appropriate Item 1101, "Furnish & Install Pipe and Fittings", includes final restoration of all disturbed surfaces. The GCWW will not make full compensation under Item 1101 until final restoration is complete.

\*All valve and air release box assemblies shall be domestically manufactured.

All box assemblies for 12-inch and smaller gate valves and 1-inch air releases shall be either Tyler Union Series 6850, EJ Series 8500, or Bingham & Taylor Series 4905, or GCWW approved equal. Box assemblies for these applications require a frost plug and "BOXLOK."

All box assemblies for 16-inch and above butterfly or gate valves and 2-inch air releases shall be EJ Series 460, or GCWW approved equal. Box assemblies for these applications require a frost plug.

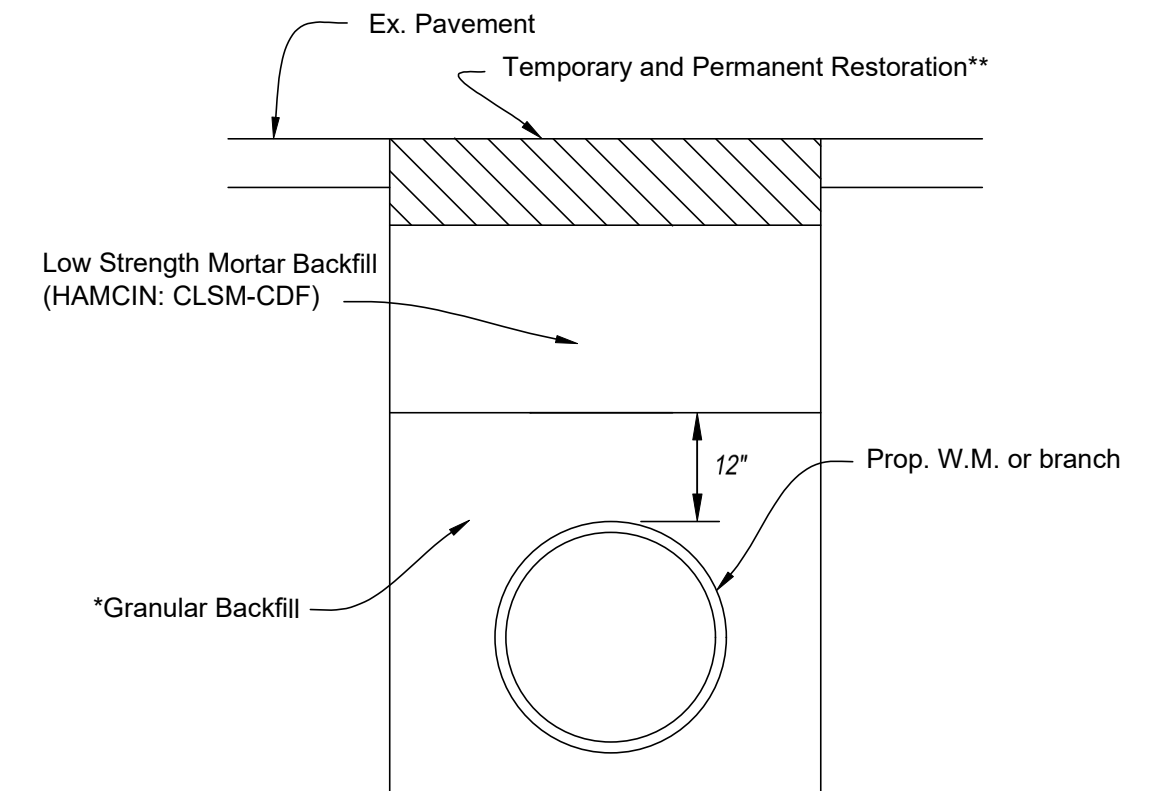
All costs associated with adherence to these requirements shall be included in the Contractor's unit bid price for Item 1116 – Furnishing and Installing Valve Box Complete.

# SUGGESTED BILL OF MATERIAL

## FURNISHED BY CONTRACTOR

11	EACH	12" Ductile Iron Pipe, C.J. Th. Cl. 56, 20' Lengths
13	EACH	Polyethylene Flattened Tube, 4 Mil Thickness Cross-Laminate 24" Wide x 20' Long
2	EACH	Rolls Polyethylene Tape w/Adhesive 1 1/2" Width, 100' Length
2	EACH	12" 11.25' Bend, 2MJ
1	EACH	12" 22.5' Bend, 2MJ
4	EACH	12" 45' Bend, 2MJ
2	EACH	12" Solid Sleeve, 2MJ
2	EACH	12" Cap, MJ (Temporary)
18	EACH	12" M.J.R.G.
8	EACH	12" Field Lok Gasket

## STANDARD WATER MAIN TRENCH INSTALLATION DETAIL



\*\*TEMPORARY AND PERMANENT RESTORATION SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS AND/OR PROJECT PLAN TYPICAL SECTIONS.

IN AREAS WHERE THE PAVEMENT; BASE AND/OR SUB-BASE IS TO BE REPLACED AS PART OF THE ROADWAY CONTRACT, THE COST FOR PERMANENT PAVEMENT RESTORATION SHALL BE INCLUDED UNDER THE APPROPRIATE PAVEMENT BID ITEMS. COST FOR TEMPORARY PAVEMENT RESTORATION IN THESE AREAS SHALL BE INCLUDED IN THE CONTRACTOR'S APPROPRIATE UNIT BID PRICE FOR ITEM 1101 OR ITEM 1126.

UNLESS OTHERWISE NOTED ON THE PLANS, AREAS WHERE THE EXISTING PAVEMENT, BASE AND/OR SUB-BASE ARE NOT TO BE DISTURBED, THE COST FOR TEMPORARY AND PERMANENT PAVEMENT RESTORATION SHALL BE INCLUDED IN THE CONTRACTOR'S APPROPRIATE UNIT BID PRICE FOR ITEM 1101 OR ITEM 1126.

\*BACKFILL OF THE WATER MAIN AND BRANCH TRENCH SHALL BE DONE IN ACCORDANCE WITH G.C.W.W. SPECIFICATIONS. ALL WATER MAINS AND BRANCHES INSTALLED OUTSIDE OF THE PAVEMENT AREA SHALL UTILIZE GRANULAR BACKFILL IN LIEU OF THE CONTROL DENSITY FILL. ALL COSTS FOR BACKFILL SHALL BE INCLUDED UNDER ITEM 1101, "FURNISHING AND INSTALLING DUCTILE IRON PIPE AND FITTINGS".

CONTROLLED DENSITY FILL MUST MEET BOTH HAMCIN: CLSM-CDF PERFORMANCE SPECIFICATION AND O.D.O.T. SPECIFICATION. ALL FLOWABLE FILL PRODUCTS SHALL MEET THE REQUIREMENTS OF THE CURRENT HAMCIN CLSM-CDF BACKFILL SPECIFICATION (DATED MARCH 2015). COPIES OF THE HAMCIN CLSM-CDF BACKFILL SPECIFICATION ARE MADE AVAILABLE AT THE GCWW ENGINEERING OFFICES AT 4747 SPRING GROVE AVENUE, CINCINNATI DEPARTMENT OF TRANSPORTATION & ENGINEERING AT 801 PLUM STREET, OR THEIR WEBSITE: [HTTP://WWW.CINCINNATI-OH.GOV/DOTE/MANUALS-PERMITS-SUPPLEMENTS/](http://www.cincinnati-oh.gov/dote/manuals-permits-supplements/) ALSO, THE CONTRACTOR SHALL SUBMIT, PRIOR TO THE START OF CONSTRUCTION, THE NECESSARY DOCUMENTATION FOR REVIEW AND APPROVAL BY THE GCWW.

PLEASE NOTE THAT THE G.C.W.W. REQUIREMENT IS IN ADDITION TO HAMCIN SPECIFICATIONS FOR FLOWABLE FILL PRODUCTS. A COPY OF THE G.C.W.W. REQUIREMENT IS AVAILABLE AT THE G.C.W.W. ENGINEERING OFFICE LOCATED AT 4747 SPRING GROVE AVENUE. CONTACT THE SUPERVISOR OF INSPECTION AT 591-7870.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT THE NECESSARY CONTROLLED DENSITY FILL COMPLIANCE DOCUMENTATION FOR REVIEW AND APPROVAL BY THE G.C.W.W.

GCWW NOTE: ALL FIELD LAYOUT OF WATER MAIN PIPE AND SPECIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A LICENSED SURVEYOR.

## INDEX

General Provisions .....	1
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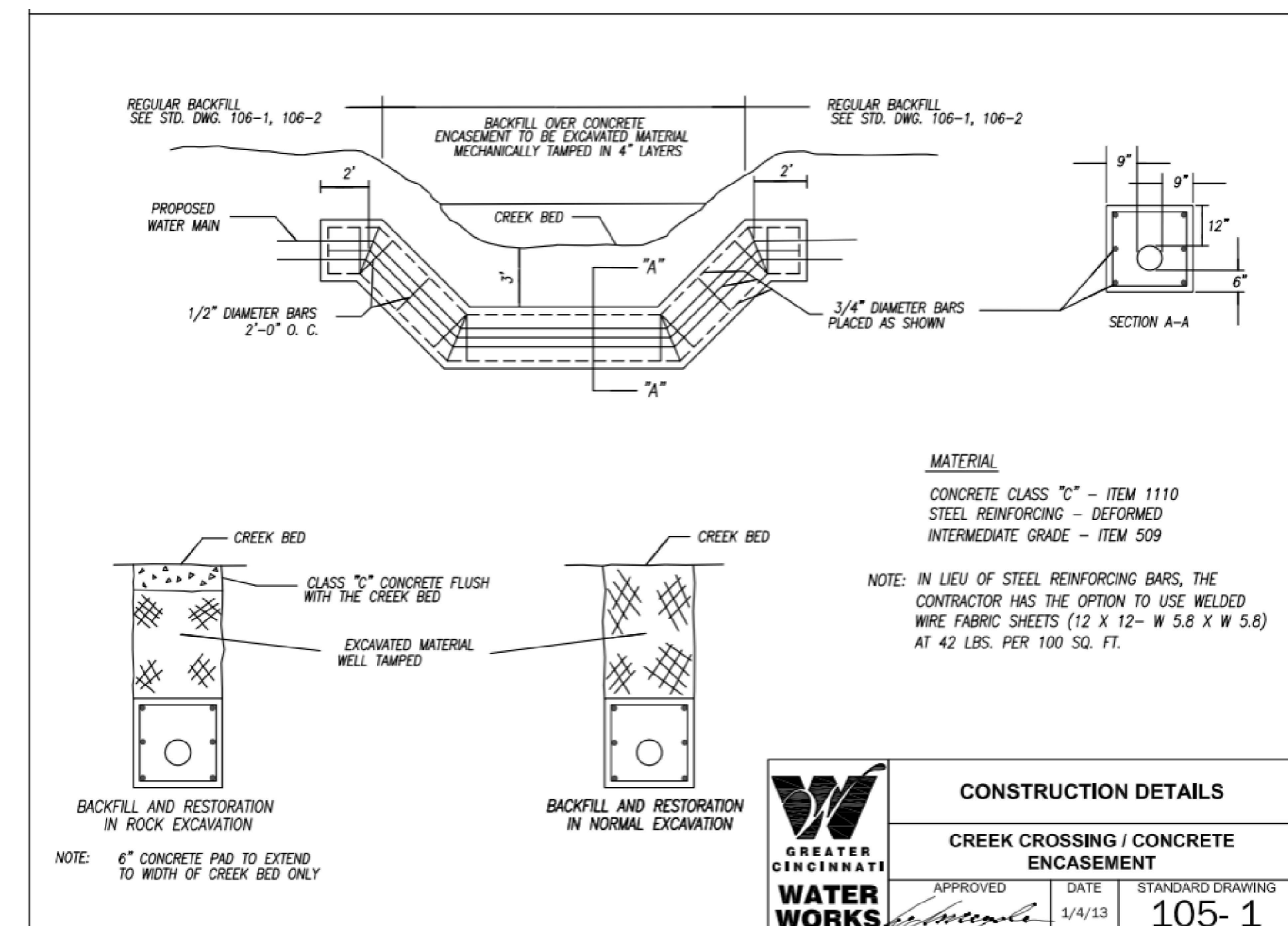
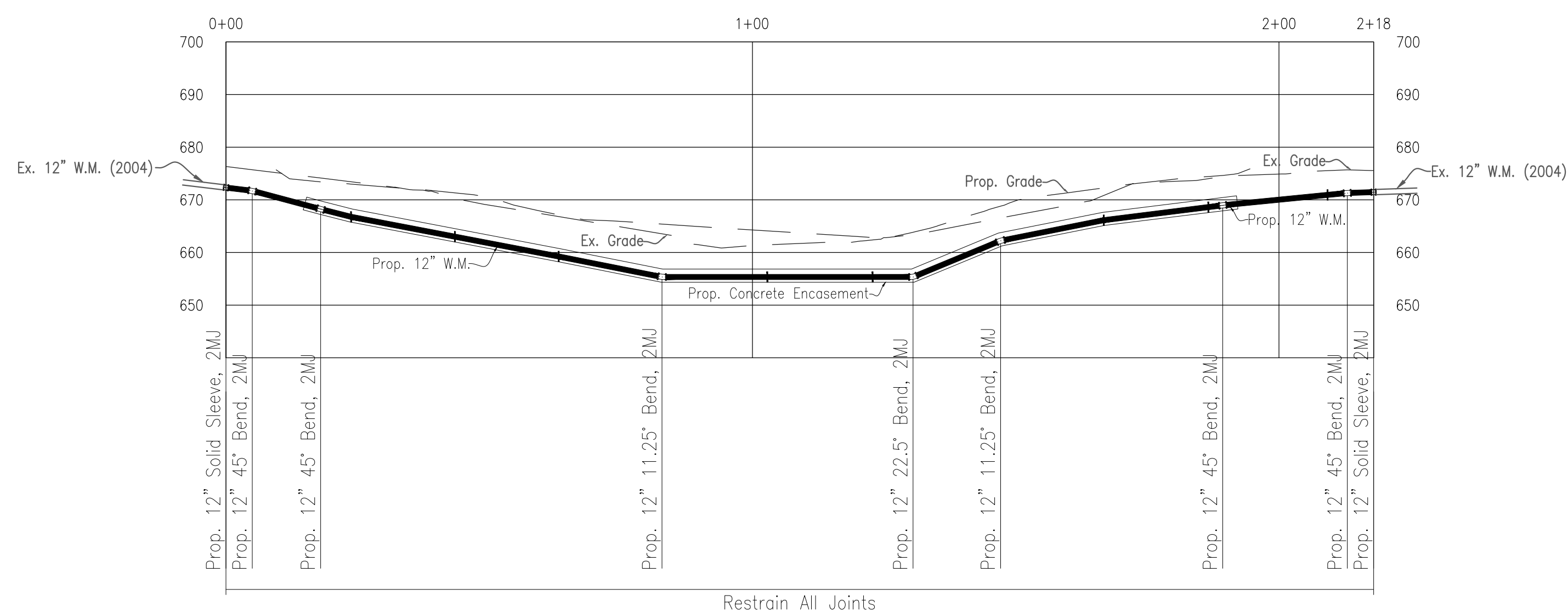
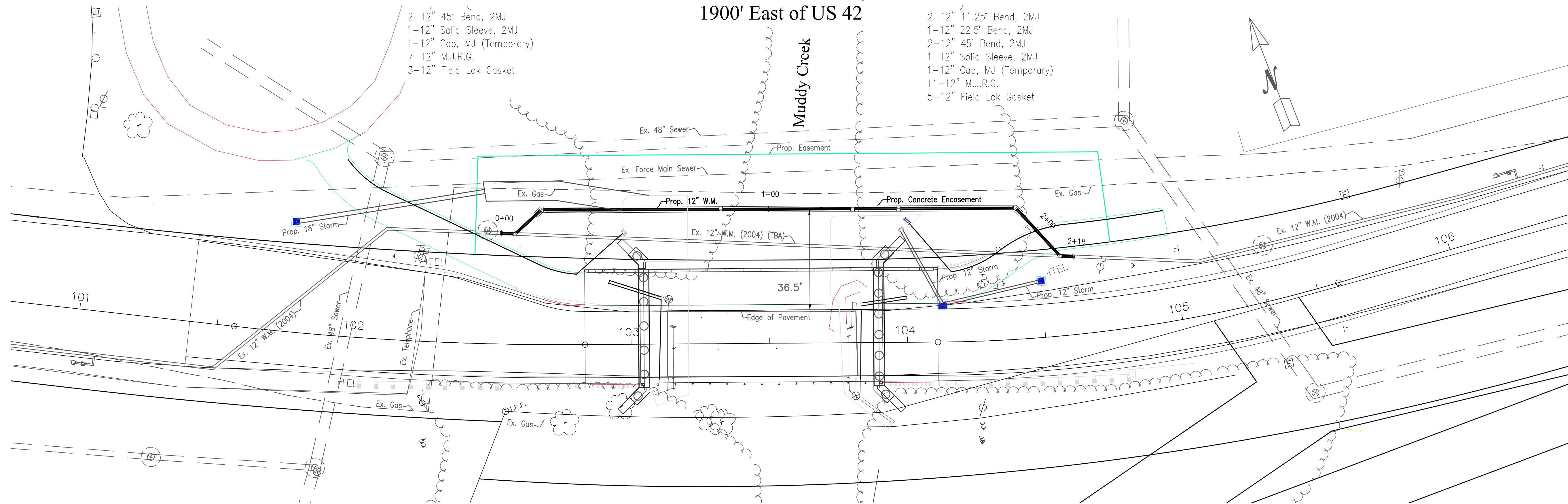
<b>WAR-CR38 00.37 (MASON MORROW MILLGROVE RD.)</b>	
APPROVED:	WW004365 / 4-4132 / MF-16974
<i>Justin P. ...</i> GCWW SUPERVISING ENGINEER - DESIGN	DATE 12/26/2024
<i>Mark ...</i> GCWW PRINCIPAL ENGINEER - SYSTEM FACILITIES	DATE 11-26-24
<i>Haishan Piao</i> GCWW CHIEF ENGINEER	DATE 12/9/24
<b>OhioEPA</b> Ohio Environmental Protection Agency "Self-Certification" letter required prior to the start of construction.	
<input checked="" type="checkbox"/> OEPA CERTIFICATION EXEMPT	
<input type="checkbox"/> NON - EXEMPT	
<i>Justin P. ...</i> OEPA REVIEW	DATE 12/26/2024

4-4132  
 WW004365  
 MF-16974  
 SUGGESTED BILL OF MATERIAL  
 G.C.W.W. SPECIAL PROVISIONS  
 GREATER CINCINNATI  
 WATER WORKS  
 ENGINEERING DIVISION/DESIGN SECTION  
 3815 EASTERN AVENUE, CINCINNATI, OHIO 45226  
 01  
 02  
 WAR-CR38 00.37 (MASON MORROW MILLGROVE RD.)



# Mason Morrow Millgrove Rd.

1900' East of US 42



**NOTICE OF CONFIDENTIALITY - PUBLIC INFRASTRUCTURE RECORD**

THIS DOCUMENT IS A PUBLIC INFRASTRUCTURE RECORD OF THE CITY OF CINCINNATI AND ITS GREATER CINCINNATI WATER WORKS, AND IS NOT SUBJECT TO THE PUBLIC DISCLOSURE REQUIREMENTS OF THE PUBLIC RECORDS LAWS OF THE STATE OF OHIO AND FEDERAL GOVERNMENT. THIS DOCUMENT IS BEING PROVIDED ON THE BASIS OF YOUR REPORTED NEED, AND SHALL BE CONSIDERED CONFIDENTIAL. BY ACCEPTING THIS DOCUMENT, YOU AGREE THAT IT WILL NOT BE SHARED OR OTHERWISE DISCLOSED TO ANYONE OTHER THAN PERSONS WHO HAVE A DIRECT NEED TO KNOW FOR THE SOLE PURPOSE OF CARRYING OUT THE PROJECT FOR WHICH THIS DOCUMENT WAS OBTAINED. ANYONE RECEIVING THIS DOCUMENT IS BOUND BY THE SAME CONFIDENTIALITY REQUIREMENTS AND MUST TAKE PRECAUTIONS TO PROTECT AGAINST ITS DISSEMINATION.

THE FAILURE TO OBSERVE THE CONFIDENTIALITY REQUIREMENTS OF THIS NOTICE SHALL SERVE AS THE BASIS FOR THE CITY OF CINCINNATI TO IMMEDIATELY SEEK LEGAL RECOURSE, INCLUDING THE RECOVERY OF ACTUAL DAMAGES RESULTING FROM UNAUTHORIZED ACCESS OR DISCLOSURE OF THE DOCUMENT.

REVISIONS	CALCULATED	E.G.B.	CHECKED	R.R.

GREATER CINCINNATI  
**WATER WORKS**  
 ENGINEERING DIVISION / DESIGN SECTION  
 3845 EASTERN AVENUE, CINCINNATI, OHIO 45226

**MASON MORROW MILLGROVE RD.  
 PLAN AND PROFILE**

4-4132  
 WW004365  
 MF-16974

02  
 02

WAR-CR38 00.37 (MASON MORROW MILLGROVE RD.)

## **PLAN HOLDERS LIST**

### **Mason Morrow Millgrove Road Bridge Replacement Project**

**Individuals or companies can be added to the plan holders list by contacting Krystal Powell at [krystal.powell@co.warren.oh.us](mailto:krystal.powell@co.warren.oh.us)**

<b>Name</b>	<b>Company</b>	<b>Phone Number</b>	<b>E-mail Address</b>
Justin Guzzo	Double Z Construction	614-274-2700 ext. 407	<a href="mailto:justinguzzo@doublez.co">justinguzzo@doublez.co</a>
Troy Myers	Brumbaugh Construction	937-692-5107	<a href="mailto:troy@brumbaughconstruction.com">troy@brumbaughconstruction.com</a>
Sean Wade	Eagle Bridge	937-492-5654	<a href="mailto:smw@eaglebridge.net">smw@eaglebridge.net</a>
Andrew Kloenne	Ford Development Corp.	513-772-1521	<a href="mailto:akloenne@forddevelopment.com">akloenne@forddevelopment.com</a>
Roger Cadle	Prus Construction	513-321-7774	<a href="mailto:rcadle@prus.us">rcadle@prus.us</a>
Blake Dickmann	John R. Jurgensen Company	513-771-0820	<a href="mailto:Blake.dickmann@jrjnet.com">Blake.dickmann@jrjnet.com</a>
Tony Foote	KT Holden Construction	513-300-0392	<a href="mailto:tfoote@ktholden.com">tfoote@ktholden.com</a>
Jessie Baker	JTM Smith Construction	937-728-0524	<a href="mailto:smithconstruction@cinci.rr.com">smithconstruction@cinci.rr.com</a>
Jenny Foley	Sunesis Construction	513-326-6000	<a href="mailto:jfoley@sunesiscc.com">jfoley@sunesiscc.com</a>
Michael Majors	Majors Enterprises Inc.	513-464-6777	<a href="mailto:Majors.enterprise@outlook.com">Majors.enterprise@outlook.com</a>

***BID/CONTRACT DOCUMENTS  
MASON MORROW MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT 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**

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
<b>BRIDGE REPLACEMENT ITEMS</b>					
<b>ROADWAY</b>					
201	Clearing and Grubbing, As Per Proposal Note	1	Lump		
202	Pavement Removed	1,851	SY		
202	Guardrail Removed	645	FT		
203	Excavation	460	CY		
203	Embankment	772	CY		
606	Guardrail, Type MGS	62.5	FT		
606	Anchor Assembly, MGS Type E	2	Each		
606	Anchor Assembly, MGS Type T	2	Each		
606	MGS Bridge Terminal Assembly, Type 1	2	Each		
606	MGS Bridge Terminal Assembly, Type 1, As Per Plan	1	Each		
606	MGS Bridge Terminal Assembly, Type 2	1	Each		
609	Curb, Type 4-C	19	FT		
609	Curb, Type 6	26	FT		
				<b>Sub-Total =</b>	
<b>EROSION CONTROL</b>					
601	Rock Channel Protection, Type A With Filter	222	CY		
601	Rock Channel Protection, Type C With Filter	2	CY		
659	Topsoil	143	CY		
659	Seeding and Mulching	1,287	SY		
659	Commercial Fertilizer	0.17	Ton		
659	Lime	0.27	Acre		
659	Water	7	MGAL		
670	Ditch Erosion Protection, Type B	36	SY		
832	Erosion Control, As Per Proposal Note	2,500	Each	\$ 1.00	\$ 2,500.00
				<b>Sub-Total =</b>	
<b>DRAINAGE</b>					
602	Concrete Masonry	0.54	CY		
605	6" Shallow Pipe Underdrains	173	FT		
611	12" Conduit, Type B	37	FT		
611	12" Conduit, Type C	31	FT		
611	6" Conduit, Type F For Underdrain Outlets	45	FT		

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
611	18" Conduit, Type C	69	FT		
611	Catch Basin, No. 3A	1	Each		
611	Catch Basin, No. 2-2B	2	Each		
611	Precast Reinforced Concrete Outlet	4	Each		
				<b>Sub-Total =</b>	
	<b>PAVEMENT</b>				
204	Subgrade Compaction	1,804	SY		
204	Proof Rolling	1	Hour		
252	Full Depth Pavement Sawing	78	FT		
301	Asphalt Concrete Base, PG64-22, (449)	331	CY		
304	Aggregate Base	286	CY		
407	Non-Tacking Tack Coat, As Per Proposal Note	175	GAL		
441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	14	CY		
442	Asphalt Concrete Intermediate Course, 19mm, Type A (449)	73	CY		
826	Asphalt Concrete Surface Course, 442 12.5mm, (449) Fiber Type C	63	CY		
				<b>Sub-Total =</b>	
	<b>TRAFFIC CONTROL</b>				
626	Barrier Reflector, Type 2	10	Each		
630	Removal of Ground Mounted Sign and Storage	2	Each		
630	Removal of Ground Mounted Sign and Reerection	1	Each		
630	Removal of Ground Mounted Post Support and Disposal	2	Each		
630	Removal of Ground Mounted Post Support and Reerection	1	Each		
630	Ohio Public Works Commission Standard Sign, As Per Proposal Note	1	Each		
644	Lane Arrow, Type 1	2	Each		
644	Edge Line, 4"	0.169	Mile		
644	Center Line	0.084	Mile		
646	Edge Line, 4"	0.048	Mile		
646	Center Line	0.024	Mile		
644	Channelizing Line, 8"	72	FT		
				<b>Sub-Total =</b>	
	<b>BRIDGE</b>				
202	Portions of Structure Removed, Over 20 Foot Span, As Per Plan	1	Lump		

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>
202	Wearing Course Removed	192	SY		
503	Cofferdams and Excavating Bracing	1	Lump		
503	Unclassified Excavation, As Per Plan	1	Lump		
509	Epoxy Coated Steel Reinforcement	42,400	Pound		
511	Class QC2 Concrete, Superstructure, As Per Proposal Note	46	CY		
511	Semi-Integral Diaphragm Guide, As Per Plan	2	Each		
511	Class QC2 Concrete, Bridge Deck, As Per Proposal Note	121	CY		
511	Class QC1 Concrete, Abutment Including Footing, As Per Proposal Note	114	CY		
511	Class QC2 Concrete, Sidewalk, As Per Proposal Note	37	CY		
511	Class QC1 Concrete, Misc.: (Paved Gutter)	4	CY		
512	Sealing of Concrete Surfaces (Non-Epoxy)	180	SY		
512	Sealing of Concrete Surfaces (Epoxy-Urethane), As Per Proposal Note	390	SY		
512	Treating of Concrete Bridge Deck With SRS, As Per Proposal Note	398	SY		
515	Draped Strand Prestressed Concrete Bridge I-Beam Members, Level 3, Type WF42-49 (86'-8" Length), As Per Proposal Note	5	Each		
515	Intermediate Diaphragms	12	Each		
516	1" Preforced Expansion Joint Filler	27	SF		
516	2" Preforced Expansion Joint Filler	29	SF		
516	Semi-Integral Abutment Expansion Joint Seal	120	FT		
516	Elastomeric Bearing With Internal Laminates and Load Plate (Neoprene), As Per Plan (2 9/16" x 2'-4" x 10" With W-Section)	10	Each		
517	Railing (Twin Steel Tube)	92	FT		
517	Railing (Concrete Parapet With Twin Steel Tube Railing)	128	FT		
518	Porous Backfill With Geotextile Fabric	81	CY		
518	Special - Steel Drip Strip, As Per Proposal Note	101	FT		
518	6" Perforated Corrugated Plastic Pipe	106	FT		
518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	37	FT		
524	Drilled Shafts, 30" Diameter, Into Bedrock	96	FT		
524	Drilled Shafts, 36" Diameter, Above Bedrock	185	FT		
524	Drilled Shafts, Misc.: Coring, As Per Plan	3	Each		
526	Reinforced Concrete Approach Slabs (T=13"), As Per Plan	183	SY		
				<b>Sub-Total =</b>	
	<b>MISCELLANEOUS</b>				
614	Maintaining Traffic, As Per Proposal Note	1	Lump		



**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>
623	Construction Layout Stakes and Surveying, As Per Proposal Note	1	Lump		
624	Mobilization	1	Lump		
				<b>Sub-Total =</b>	
				<b>Bridge Replacement Total =</b>	
<b>SHARED USE PATH ITEMS</b>					
	<b>ROADWAY</b>				
201	Clearing and Grubbing	1	Lump		
202	Fence Removed and Replaced, As Per Plan	1,203	FT		
202	Brick Pillar Removed, As Per Plan	2	Each		
202	Mailbox Removed	1	Each		
203	Excavation	634	CY		
203	Embankment	416	CY		
204	Subgrade Compaction	1,962	SY		
204	Proof Rolling	1	Hour		
601	Dumped Rock Fill, Misc.: Washed River Stone Bed	73	CY		
607	Fence, Temporary Chain Link, As Per Proposal Note	1,170	FT		
611	Manhole Adjusted To Grade	1	Each		
638	Valve Box Adjusted To Grade	1	Each		
SPEC	Special - Mailbox Support System, Single	1	Each		
				<b>Sub-Total =</b>	
	<b>EROSION CONTROL</b>				
659	Topsoil	417	CY		
659	Seeding and Mulching	3,748	SY		
659	Repair Seeding and Mulching	187	SY		
659	Inter-Seeding	187	SY		
659	Commercial Fertilizer	0.51	Ton		
659	Lime	0.77	Acre		
659	Water	21	MGAL		
670	Ditch Erosion Protection	724	SY		
832	Storm Water Pollution Prevention Plan	1	Lump		
832	Erosion Control, As Per Proposal Note	5,000	Each	\$ 1.00	\$ 5,000.00
				<b>Sub-Total =</b>	

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
	<b>DRAINAGE</b>				
601	Tied Concrete Block Mat With Type 1 Underlayment	2	SY		
605	4" Base Pipe Underdrain	1,608	FT		
611	6" Conduit, Type F for Underdrain Outlets	86	FT		
611	12" Conduit, Type B	94	FT		
611	Catch Basin, No. 2-2B	1	Each		
611	Precast Reinforced Concrete Outlet	2	Each		
				<b>Sub-Total =</b>	
	<b>PAVEMENT</b>				
301	Asphalt Concrete Base, PG64-22, (449)	199	CY		
304	Aggregate Base	218	CY		
407	Non-Tacking Tack Coat, As Per Proposal Note	179	GAL		
441	Asphalt Concrete Surface Course, Type 1, (449), PG64-22	100	CY		
				<b>Sub-Total =</b>	\$ -
	<b>TRAFFIC CONTROL</b>				
630	Ohio Public Works Commission Standard Sign, As Per Proposal Note	1	Each		
				<b>Sub-Total =</b>	\$ -
	<b>LANDSCAPING</b>				
661	Deciduous Tree	22	Each		
SPEC	Landscaping (Allowance)	25,000	Each	\$ 1.00	\$ 25,000.00
				<b>Sub-Total =</b>	
	<b>MISCELLANEOUS</b>				
614	Mobilization	1	Lump		
623	Construction Layout Stakes and Surveying, As Per Proposal Note	1	Lump		
SPEC	As-Built Drawings - Storm Only, As Per Proposal Note	1	Lump		
SPEC	Contingency (Shared Use Path), As Per Proposal Note	40,000	Each	\$ 1.00	\$ 40,000.00
				<b>Sub-Total =</b>	
				<b>Shared Use Path Total =</b>	

**MASON-MORROW-MILLGROVE ROAD BRIDGE #38-0.37  
REPLACEMENT PROJECT BID PROPOSAL**

Item No.	Description	Quantity	Unit	Unit Cost	Total Cost
<b>GCWW WATER MAIN ITEMS</b>					
	<b>WATER MAIN</b>				
638	Furnishing and Laying 12" Ductile Iron Pipe and Fittings	218	FT		
511	Concrete, Class "C"	57	CY		
203	Additional Excavation	5	CY		
203	Exploratory Excavation	5	CY		
509	Uncoated Steel Reinforcement	5,765	Pound		
602	Brick Masonry	1	CY		
Special	Sheeting and Bracing Ordered Left in Place	1	MFBM		
		<b>GCWW Water Main Total =</b>			
			<b>Project Total =</b>		

## **BID PROPOSAL**

Proposal for the Mason-Morrow-Millgrove Road Bridge #38-0.37 Replacement Project. This work consists of replacing the existing bridge, completing the related roadway items along Mason-Morrow-Millgrove Road, replacing a section of water main, and extending a shared use path. 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

Exceptions: 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) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

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:

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- Proposal Price (Bid) Sheet
- Exception Sheet
- Bidder Identification
  
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- Directions to Warren County Administration Building
  
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***SECTION A***

***INVITATION TO BIDDERS***



## INVITATION TO BIDDERS

Separate sealed bids for the Mason Morrow Millgrove Road Bridge #38-0.37 Replacement 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 10:30 a.m., January 14, 2025, and then at said time publicly opened and read aloud.

Bid documents and specifications are available online at the Warren County's Website at <http://www.co.warren.oh.us/commissioners/Bids/Default.aspx>. Questions regarding the technical specifications should be directed to Roy Henson, Bridge Engineer, at the Warren County Engineer's Office, at (513) 695-3310. **Only ODOT prequalified contractors are eligible to submit bids for this Project.** Pre-qualification status must be in force **at the time of bid, at the time of award, and through the life of the construction contract.** For work types that ODOT does not pre-qualify, the LPA must still select a qualified contractor. Subcontractors are not subject to the pre-qualification requirement. The "prime" contractor must perform no less than 30 percent of the total original contract price. 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.

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

1. A Certified check, cashier's 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.

All contractors and subcontractors involved with the project will, to the extent practicable, use Ohio products, materials, services, and labor in the implementation of their project. Additionally, contractor compliance with the employment opportunity requirements of Ohio Administrative Code Chapter 123 is required.

Each bidder must comply with the prevailing wage rates on Public Improvements in Warren County, Ohio as determined by the Ohio Department of Commerce, Bureau of Wage and Hour Administration, 614-655-2239.

Each bidder must submit evidence of its experiences on projects of similar size and complexity. The owner intends and requires that the project be completed no later than 16 weeks after the start of construction.

Contact the Warren County Commissioner's Office at (513) 695-1254 should you need assistance in accessing the bidding information on the County's website. All contract addenda will be posted to the website prior to the bid opening. Bidders should check the website regularly to stay updated on any changes to the project.

**Please be aware that if you are downloading this document to bid this project, and in order to stay updated on any change, please email Krystal Powell in the Commissioners' Office at [krystal.powell@co.warren.oh.us](mailto:krystal.powell@co.warren.oh.us) with your contact information.**

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 – Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project, January 14, 2025 @ 10:30 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 Commissioner, County of Warren, State of Ohio.

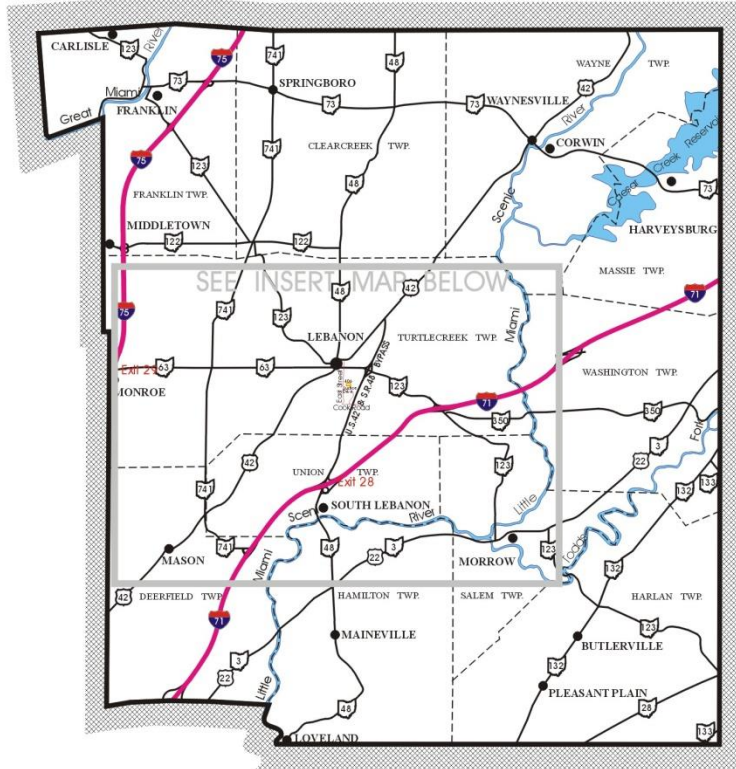
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Krystal Powell, Clerk



# DIRECTIONS FROM INTERSTATE HIGHWAYS 71 & 75 TO WARREN COUNTY, OHIO

## COUNTY ADMINISTRATION BUILDING

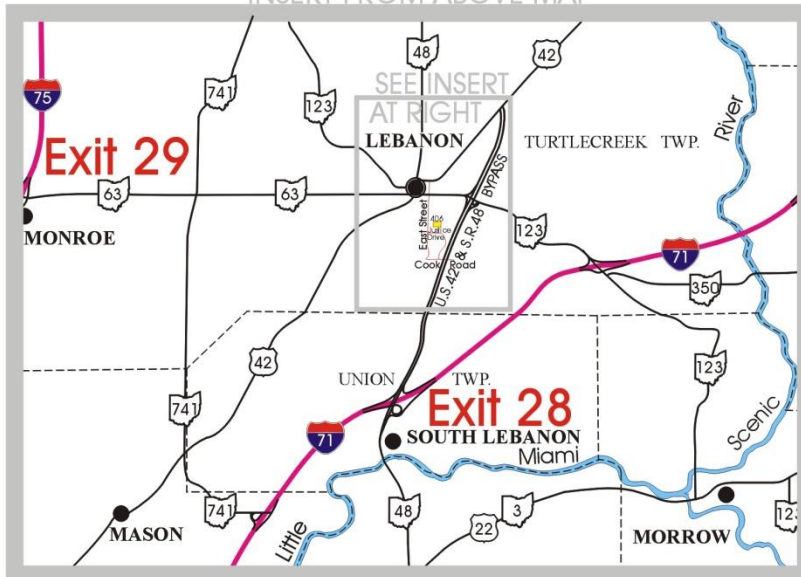


### TRI-STATE REGION COUNTIES

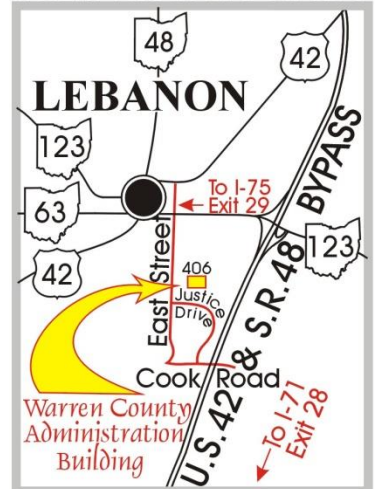


- FROM INTERSTATE 75:**
- Take Monroe / Lebanon Exit 29,
  - Head East on S. R. 63 into Lebanon,
  - Turn right onto East Street,
  - Turn left onto Justice Drive,
  - Turn left into parking lot,
  - At first driveway on left.
- FROM INTERSTATE 71:**
- Take Lebanon / South Lebanon Exit 28,
  - Head North 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.

INSERT FROM ABOVE MAP



INSERT FROM MAP AT 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 10:30 a.m., January 14, 2025, 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 – Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project, January 14, 2025 @ 10:30 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. **Withdrawal 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. **Preparation of Bid:** 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. **Method of Bidding:** The Owner invites the following bid(s):

### **Mason Morrow Millgrove Road Bridge #38-0.37 Replacement 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. **Time of Completion and Liquidated Damages:** 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 project 16 weeks after the start of construction. 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 \$900.00 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: Roy Henson, 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. **Security for Faithful Performance:** 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. **Laws and Regulations:** 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. **Method of Award:** 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. **To determine lowest and best bidder, the price of the bid will be given equal weight against the totality of the following factors: 1.) the bidder's information provided in the Section Experience Statement which shall be used to judge responsibility, experience, skill, financial standing, feedback from references or prior clients—which may include Owner; 2.) the Exception Sheet; 3.) availability, proximity, and familiarity to job site."**

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. **Safety Standards and Accident Prevention:** 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. **Soil Conditions:** 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. **Water Supply:** 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. **Permits:** 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. **Signature of Bidders:** 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. **Non-Collusion Affidavit:** 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 than 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 employ 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. **Subletting of Contract:** 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. However, the original policy for Owner's Protective Bodily Injury (Item D) and Property Damages (Item E) shall at this time be delivered to the Owner for its possession.

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 - Workers 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.

Builders Risk Insurance: 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.

31. **Lights, Signs and Barricades:** 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. **Subcontracts:** 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. **Scope of Work:** Provide all work as required by Contract and described in the 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. **Additional Obligations Upon Contact Award:** 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 public records once opened and may be copied upon request to anybody including competitive bidders.**



## 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).

PRODUCER Insurance Agency Name & Address	CONTACT NAME: Insurance Agent Contact PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____ INSURER(S) AFFORDING COVERAGE NAIC # INSURER A : Insurance Company A INSURER B : Insurance Company B INSURER C : Insurance Company C INSURER D : Insurance Company D INSURER E : Insurance Company E INSURER F : Insurance Company F
INSURED Contractors Name & Address	

**COVERAGES    CERTIFICATE NUMBER:    REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: _____	X	X	POLICY #	EFF DATE	EXP DATE	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS <input type="checkbox"/> HIRED AUTOS			POLICY #	EFF DATE	EXP DATE	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$			POLICY #	EFF DATE	EXP DATE	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N	N/A			PER STATUTE    OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Board of Warren County Commissions are listed as additional insureds with respects to the General Liability for ongoing and completed operations as per attached CG 2010 10/01 and CG 2037 10/01. General Liability is primary and non-contributory for the benefit of the additional insured. Waiver of subrogation applies to the General Liability.

<b>CERTIFICATE HOLDER</b> Board of Warren County Commissioners 406 Justice Drive Lebanon, OH 45036	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  INSURANCE AGENTS SIGNATURE
---	--

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**

<p><b>Name of Person or Organization:</b></p> <p>Board of Warren County Commissioners 406 Justice Drive, Lebanon, OH 45036</p>
--

(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; or
- (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

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

(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".

POLICY NUMBER:

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:
  - 1. 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:
  - 1. 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
  - 2. 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.

**\*\*SAMPLE\*\***

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.



***SECTION C***

***AFFIDAVIT OF NON-COLLUSION***

**AFFIDAVIT OF NON-COLLUSION**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, holding the title and position of \_\_\_\_\_ at the firm \_\_\_\_\_, affirm that I am authorized to speak on behalf of the company, board directors and owners in setting the price on the contract, bid or proposal. I understand that any misstatements in the following information will be treated as fraudulent concealment of true facts on the submission of the contract, bid or proposal.

I hereby swear and depose that the following statements are true and factual to the best of my knowledge:

The contract, bid or proposal is genuine and not made on the behalf of any other person, company or client, **INCLUDING ANY MEMBER OF THE WARREN COUNTY BOARD OF COMMISSIONERS.**

The price of the contract, bid or proposal was determined independent of outside consultation and was not influenced by other companies, clients, or contractors, **INCLUDING ANY MEMBER OF THE WARREN COUNTY BOARD OF COMMISSIONERS.**

No companies, clients, or contractors, **INCLUDING ANY MEMBER OF THE WARREN COUNTY BOARD OF COMMISSIONERS** have been solicited to propose a fake contract, bid or proposal for comparative purposes.

No companies, clients, or contractors, **INCLUDING ANY MEMBER OF THE WARREN COUNTY BOARD OF COMMISSIONERS** have been solicited to refrain from bidding or to submit any form of noncompetitive bidding.

Relative to sealed bids, the price of the bid or proposal has not been disclosed to any client, company, or contractor, **INCLUDING ANY MEMBER OF THE WARREN COUNTY BOARD OF COMMISSIONERS**, and will not be disclosed until the formal bid/proposal opening date.

\_\_\_\_\_  
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 ALL MEN BY THESE PRESENTS, that we, the undersigned,**

\_\_\_\_\_

(Insert full name or legal title of Contractor and Address)

as \_\_\_\_\_ Principal and

\_\_\_\_\_

(Insert full name or legal title of Surety)

as Surety, are hereby held and firmly bound unto the Warren County Board of Commissioners hereinafter called the Obligee, in the penal sum of the dollar amount of the bid submitted by the Principal to the Obligee on \_\_\_\_\_ to undertake the project known as:

**Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project**

The penal sum referred to herein shall be the dollar amount of the Principal's bid to the Obligee, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee, In no case shall the penal sum exceed the amount of \_\_\_\_\_ DOLLARS, \$\_\_\_\_\_.

If this item is left blank, the penal sum will be the full amount of the Principal's bid, including alternates. Alternatively, if completed, the amount stated must not be less than the full amount of the bid, including alternates in dollars and cents. A percentage is not acceptable.

For the payment of the penal sum well and truly to be made we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

**THE CONDITION OF THE ABOVE OBLIGATION IS SUCH** that whereas the above-named Principal has submitted a bid on the above referred to project;

**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 \_\_\_\_\_ 202\_\_.

\_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
SURETY

By: \_\_\_\_\_

By: \_\_\_\_\_

Attorney-in-fact

Title: \_\_\_\_\_

Surety Agent's Name and Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

***SECTION E***

***PERFORMANCE BOND***

**PERFORMANCE BOND**

**KNOW ALL MEN BY THESE PRESENTS:** that

\_\_\_\_\_

(Name of Contractor)

\_\_\_\_\_

(Address of Contractor)

a \_\_\_\_\_, hereinafter called  
(Corporation, Partnership or Individual)

Principal, and

\_\_\_\_\_

(Name of Surety)

\_\_\_\_\_

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

WARREN COUNTY, OHIO BOARD OF COMMISSIONERS  
406 Justice Drive  
Lebanon, OH 45036

hereinafter called OWNER, in the penal sum of \_\_\_\_\_ Dollars,  
\$(\_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and  
truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these  
presents.

**THE CONDITION OF THIS OBLIGATION** is such that whereas, the Principal entered into a  
certain contract with the OWNER, dated the \_\_\_\_ day of \_\_\_\_\_, 202\_\_, a copy of  
which is hereto attached and 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 instrument is executed in counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_ 202\_\_.

ATTEST:

\_\_\_\_\_  
(Principal)

By \_\_\_\_\_

\_\_\_\_\_  
(SEAL)

ATTEST:

\_\_\_\_\_  
(Surety)

\_\_\_\_\_  
(SEAL)

**IMPORTANT:** 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 \_\_\_\_\_, 2025, with the Warren County Board of Commissioners, 406 Justice Drive, Lebanon, Ohio hereinafter called "Owner" and **Name and Address**, doing businesses as (an individual, partner, a corporation) hereinafter called "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:

### **Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project**

hereinafter called the project, for the sum of **\$amount, (amount typed out)** , 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) Non- Collusion 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 after the written notice to proceed has been issued and within 16 weeks after construction has started. The Contractor further agrees to pay, as liquidated damages, the sum of \$900.00 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 attorney's 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 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)

\_\_\_\_\_  
Tom Grossmann, President

(Seal)  
ATTEST:

*Name*  
(Contractor)

\_\_\_\_\_ By: \_\_\_\_\_  
Name and Title  
\_\_\_\_\_

Approved as to Form:

\_\_\_\_\_  
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***



***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:

\_\_\_\_\_ being duly cautioned and sworn, states as follows:

1. That he/she is \_\_\_\_\_ of  
(Title)

\_\_\_\_\_  
(Name of Contracting Party)

2. That \_\_\_\_\_ is not presently charged with any  
(Name of Contracting Party)

delinquent Real and/or Personal property taxes on the general tax list of Real and/or Personal property of Warren County.

**-OR-**

1. That \_\_\_\_\_ is charged with delinquent Real and/or  
(Name of Contracting Party)

Personal property tax on the general tax list of Real and/or Personal property of Warren County. The amount of delinquent Real and/or Personal property tax due and unpaid including any due and unpaid penalty and interest is:

\$ \_\_\_\_\_

Further, affiant states not.

\_\_\_\_\_  
Affiant

Sworn to and subscribed in my presence this \_\_\_\_ day of \_\_\_\_\_ 202\_\_.

\_\_\_\_\_  
Notary Public

This instrument was prepared by

\_\_\_\_\_.

**Note to Fiscal Office:** 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.

**WARNING:** 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 this 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.
3. The contractor agrees to fully cooperate with the County, the State Equal Employment Opportunity Coordinator and with any other official or agency, or the State or Federal government which seeks to eliminate unlawful employment discrimination, and with all other State and Federal efforts to assure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from the County, the State 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 the 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.*





***SECTION K***

***FINDINGS FOR RECOVERY AFFIDAVIT***

**FINDINGS FOR RECOVERY AFFIDAVIT**

**STATE OF** \_\_\_\_\_  
**COUNTY OF** \_\_\_\_\_, SS:

\_\_\_\_\_, upon being duly cautioned and sworn, hereby states the following based on personal knowledge:

1) That he/she is \_\_\_\_\_ (title), of \_\_\_\_\_ (name of bidder) and authorized to execute this affidavit; and,

2) That \_\_\_\_\_ (name of bidder) is not a person or entity against whom a finding for recovery has been issued by the Auditor of State, which finding for recovery is unresolved as defined in Ohio Revised Code [General Provisions] Section 9.24 (B); and,

3) That \_\_\_\_\_ (name of bidder) does not appear in the database of unresolved findings of recovery maintained by the Auditor of State pursuant to Ohio Revised Code [General Provisions] Section 9.24 (D).

\_\_\_\_\_  
Affiant

Sworn to and subscribed in my presence this \_\_\_\_\_ day \_\_\_\_\_ of 202\_\_.

\_\_\_\_\_  
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](http://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. 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. 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](http://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](http://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](http://www.com.ohio.gov)  
TTY/TDD: 1-800-750-0750

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<b>OHIO DEPARTMENT OF COMMERCE</b> 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 <a href="http://www.com.ohio.gov">http://www.com.ohio.gov</a>
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## INVESTIGATORS and THEIR HEADQUARTER COUNTY

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

**\* Headquarter County**

<b>Stephen Clegg, Chief</b> 6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Voice: (614) 728-8686 Fax: (614) 728-8639 <a href="mailto:Stephen.Clegg@com.state.oh.us">Stephen.Clegg@com.state.oh.us</a>	<b>#90 Jackie Clark, Supervisor</b> 6606 Tussing Rd, PO Box 4009 Reynoldsburg, Ohio 43068-9009 Voice: (614) 728-5019 Fax: (614) 222-2357 <a href="mailto:Jackie.Clark@com.state.oh.us">Jackie.Clark@com.state.oh.us</a>
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**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](http://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.

<b>“New” construction threshold for <i>Building Construction</i>:</b>	<b>\$250,000</b>
---	------------------

<b>“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” threshold level for <i>Building Construction</i>:</b>	<b>\$75,000</b>
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### As of January 1, 2018:

<b>“New” construction that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:</b>	<b>\$91,150</b>
---	-----------------

<b>“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:</b>	<b>\$27,309</b>
---	-----------------

- 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](http://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 \$84,314.
  - 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 \$25,261.
    - 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](http://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:		Number:
Department:		Phone#:
PW Coordinator:		Phone#:
Architect/Engineer:		Phone#:
Contractor:		Phone#:
Contact Person:		Title:
General Contractor:		Prime Contractor:
		Construction Mgr:
<b>Date Completed</b>		<b>Compliance Item Description</b>
	1.	Request Prevailing Wage Determination Schedule from ODOC-DIC-Wage & Hour
	2.	Received Prevailing Wage Determination Schedule
	3.	Incorporate Determination Schedule in Specs./Bidding Blanks
	4.	Incorporate notice of Prevailing Wage requirements in Invitation for Bids/Notice to Bidders
	5.	Incorporate Prevailing Wage requirements in 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, addresses, phone #'s & email's
	16.	Received Payroll Date Schedule
	17.	Received Registered Apprenticeship Agreement Certifications
	18.	Received Deduction Agreements
	19.	Received Payroll Reports with Certification...(see attachment)
	20.	Visited project site
	21.	Received Changes to Determination Schedule
	22.	Notice to Contractors of Determination Schedule change
	23.	Request Final Compliance Affidavit from contractors & subcontractors
	24.	Received Final Affidavits from all contractors & subcontractors
	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.

## REQUEST FOR STATE OF OHIO PREVAILING WAGE RATES

Date		(Mark (X) One) <input type="checkbox"/> - Residential <input type="checkbox"/> - Construction	
Project Information (only one project and one county per request form please)			
County of Project	Project Name	This form MUST be filled out COMPLETELY & CORRECTLY for us to process your request. Forms not completed correctly will be RETURNED TO THE SENDER.	
Site Address	City		
Owner/Public Authority			
		Prevailing Wage Rates can be obtained on the website <a href="http://www.com.ohio.gov">www.com.ohio.gov</a>	
Address	Telephone Number	<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>ODOC-DIC-WAGE &amp; HOUR DATE STAMP</b> </div>	
City	Zip Code		
PW Coordinator	Telephone Number		
Issuing Authority of Bonds	Type of Financing		
Estimated Total Overall Project Cost			
<input type="checkbox"/> New Construction <input type="checkbox"/> "Old" Construction *			
A copy of this form will be returned to you with your wage rates. You must send that copy to us with your bid tabulations once the contract has been awarded.		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 FAX: (614) 728-8639	
Expected Date of Contract Award			
Projected Completion Date			
Send Wage Rates to: (contractors are charged \$5.00 per county)		<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>ODOC-DIC-W&amp;H DATE STAMP (bid tab)</b> </div>	
<input type="checkbox"/> Mail <input type="checkbox"/> Pick Up <input type="checkbox"/> Federal Express Account Number			
Name	Company or Public Authority		
Address			
City	Zip	Telephone Number	
* "Old" construction is reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.			



## INDUSTRIAL DEVELOPMENT BONDS

Bond Projects require the Public Authority to keep the following information on file			
1. Type of Bonds issued:	Amount:		
2. The total cost of the Project:			
3. The other type of financing involved in the project:			
4. Portion of the project being constructed with each type of financing:			
5. Are Prevailing Wage Rates being applied to all construction on the project: <input type="checkbox"/> Yes <input type="checkbox"/> No			
6. The name of the political subdivision who issued the bonds:			
7. When were the bonds issued:			
8. For what purpose were the bonds issued:			
9. Who handles the funds once the bonds are sold:			
10. Who is the lending institution that purchased the bonds:			
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 Prevailing Coordinator:			
PWC Address:			
City:	OHIO	Zip:	Telephone #:
15. Obtain a copy of the inducement and other official documents for the issuance 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](http://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

- A. Attend any pre-bid and/or pre-construction meetings.
  - 1. To explain the prevailing wage rate requirements.
  - 2. To explain the contractor's responsibilities.
- B. Set up and maintain files containing all contractors' and subcontractors' payroll reports, affidavits, and related documents. These files must be available for public inspection.
- C. Obtain from each contractor a list of their subcontractors' names, addresses, telephone numbers, and email addresses.
- D. Require each contractor and subcontractor to provide their project dates. This will be used to make a time schedule for receiving their certified payrolls.
- E. Obtain from each contractor, the name and address of their Bonding\Surety Company.
- F. 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.)
  - 1. 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.
- G. Supply contractors with any changes in the Prevailing Wage Rates.
- H. Within two weeks after the first pay, obtain a certified payroll report from each contractor. A certified report is one that is sworn to and signed by the contractor.
  - 1. If the job will exceed four months, all reports after the initial report can be filed once per month. (The initial report must be filed within two weeks.)
  - 2. If the job will last less than four months, all reports are to be filed weekly after 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)
    - c) Hours worked on the project
    - d) Hourly rate
    - e) Fringe benefits, if applicable
    - f) Total hours worked for the week (all jobs)
    - g) Gross wages, all deductions, net pay
  - 3. Compare rates and fringes reported to rates in prevailing wage schedule.
- J. 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 contractor or subcontractor unless the final affidavits have been filed by the respective contractor and subcontractor. (O.R.C. section 4115.07)**
- K. 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](http://www.com.ohio.gov).

## 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				47		
16				48		
17				49		
18				50		
19				51		
20				52		
21				53		
22				54		
23				55		
24				56		
25				57		
26				58		
27				59		
28				60		
29				61		
30				62		
31				63		
32				64		



## PREVAILING WAGE INVESTIGATION EMPLOYEE INTERVIEW

Failure to complete this interview form may reduce our ability to recover back wages which may be owed to you.

Project:		Case #:	
Address:		City:	County:
Employee Name:		Last 4 digits of the SS#:	
Address:		City:	State: Zip:
Telephone #: (Home)	(Work)	Email:	Best time to be reached:

Another source by which we can contact you. (Someone not living at your address):

Name:	Relationship:	Telephone #:
-------	---------------	--------------

Contractor's Name:		Telephone #:	
Address:		City:	State: Zip:

Date hired:	Date started on this project :	Approximate hours - Straight time:	Overtime:
-------------	--------------------------------	------------------------------------	-----------

Method of recording hours:	<input type="checkbox"/> Time Card	<input type="checkbox"/> Called into office	Recorded by:	<input type="checkbox"/> Employee	<input type="checkbox"/> Foreman
----------------------------	------------------------------------	---	--------------	-----------------------------------	----------------------------------

Did you keep a personal record of your hours worked on this project?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Do you have check stubs?	<input type="checkbox"/> Yes <input type="checkbox"/> No
--	--	--------------------------	--

Did anyone else keep a personal record ?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, who:
--	--	--------------

List your job classification(s):	<input type="checkbox"/> Journeyman	<input type="checkbox"/> Helper
	<input type="checkbox"/> Apprentice - Level	

List your specific job duties:	List tools\equipment used:
--------------------------------	----------------------------

Hourly rate of pay for this project:	Your regular rate of pay:
--------------------------------------	---------------------------

Fringe benefits paid by contractor:	<input type="checkbox"/> None	<input type="checkbox"/> Health Insurance	<input type="checkbox"/> Life Insurance	<input type="checkbox"/> Pension	<input type="checkbox"/> Bonus
~ Vacation - Amount _____	<input type="checkbox"/> Holidays - Amount _____	<input type="checkbox"/> Apprenticeship training	<input type="checkbox"/> Profit Sharing		
~ Other (list):					

Did you work overtime?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Were hours over 40 per week paid at time and one half?	<input type="checkbox"/> Yes <input type="checkbox"/> No
------------------------	--	--	--

When is your pay day?	Method of payment:	<input type="checkbox"/> Check	<input type="checkbox"/> Cash	<input type="checkbox"/> Direct Deposit
-----------------------	--------------------	--------------------------------	-------------------------------	---

List names of co-workers on this project:

Comments:	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.
-----------	--

<b>SIGNATURE AND NOTARY</b>	
<p>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 when ...the statement is sworn or affirmed before a notary public..."</p> <p>Sworn to before me and subscribed by the said:</p> <p>_____</p> <p>In my presence this _____ day of _____, 20____.</p> <p>_____ Notary Public</p>	<p>I hereby certify that this is a true statement to the best of my knowledge and belief.</p> <p>Signature _____ Date _____</p> <p>Return to: Ohio Department of Commerce Division of Industrial Compliance &amp; Labor Bureau of Wage and Hour Administration 6606 Tussing Road P.O. Box 4009 Reynoldsburg, Ohio 43068-9009 (614) 644-2239 <a href="http://www.com.ohio.gov">www.com.ohio.gov</a></p>

Signature of PW Coordinator:	Date:
------------------------------	-------



## EMPLOYEE VS. INDEPENDENT CONTRACTOR

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

## EMPLOYEE VS. INDEPENDENT CONTRACTOR-continued

EMPLOYEE ↔  YES Does the worker perform services personally rather than delegating them to others?  NO ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  YES Does the employer set a specific time when the individual services are to be performed?  NO ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  YES Does the employer furnish the tools and materials used by the worker performing services?  NO ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  YES 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?  NO ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  NO Does the individual performing the services publicly advertise these services in for example, the newspaper or yellow pages ?  YES ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  NO Does the individual performing the services have a business license?  YES ↔ INDEPENDENT CONTRACTOR

EMPLOYEE ↔  NO Does the individual performing the services operate d.b.a. or under a tradename?  YES ↔ INDEPENDENT CONTRACTOR



**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](http://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	6606 Tussing Road, PO Box 4009 Reynoldsburg, Ohio 43068-9009 614-644-2239 fax: 614-728-8639 <a href="http://www.com.ohio.gov">http://www.com.ohio.gov</a>
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## INVESTIGATORS and THEIR HEADQUARTER COUNTY

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

**\* Headquarter County**

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

- a) 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.



### 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.
  2. 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.
  5. 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.**





Department  
of Commerce

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.
- I. 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 Number:
Contractor:	
Project Location:	
Prevailing Wage Coordinator	Employee
Public Authority:	Name:
Name of PWC:	Street:
Street:	City:
City:	State/Zip:
State/Zip:	Phone:
	Email:
Phone:	Last 4 Digits of SS #:

You will be performing work on this project that falls under these classifications. You will be paid the appropriate rate for the type of work you are performing.

Classification:	Prevailing Wage Rate Total Package:	Minus your fringe benefits *:	Your hourly base rate and overtime:
			/
			/
			/
			/
			/
			/

Hourly fringe benefits paid on your behalf by this company (Yearly amount the company pays divided by 2080):

Fringe	Amount	Fringe	Amount
Health Insurance		Vacation	
Life Insurance		Holiday	
Pension		Sick Pay	
Other (Specify)		Training	
Other (Specify)		<b>Total Hourly Fringes *</b>	

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.
- Hours Worked, Day & Date:** In the first row of column 3 enter days of pay period example; M T W T H 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.
- Project Total Hours:** Total the hours entered for pay period.
- 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.
  - 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.
  - Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
  - 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.
- Project Gross:** Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 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.
- Total Hours All Jobs:** Total all hours worked during the pay period including non-prevailing wage jobs.
- Total Gross All Jobs:** Gross amount earned in the pay period for all hours worked.
- Self explanatory.
- Self explanatory.

# Certified Payroll Report

**Report for:** \_\_\_\_\_  Check if Subcontractor<sup>1)</sup> **Contract No:** \_\_\_\_\_ **Payroll No:** \_\_\_\_\_  
**Company:**<sup>1)</sup> \_\_\_\_\_ **If Sub, GC/Prime Contractor Name:** \_\_\_\_\_ **Project Name & Location:** \_\_\_\_\_ **Week Ending:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **Public Authority (Owner):** \_\_\_\_\_ **Sheet:**<sup>2)</sup> \_\_\_\_\_ **of** \_\_\_\_\_  
**City, State, Zip** \_\_\_\_\_ **Phone No:** \_\_\_\_\_

1. Employee Name, Address, & SS# (Last 4 digits if permitted)	2. Work Class <sup>3)</sup>	3. Prevailing Wage Project Hours Worked - Day & Date							4. Total Hours	5. Base Rate	6. Project Gross	7. Fringes: <input type="checkbox"/> Cash <input type="checkbox"/> Approved Plans <input type="checkbox"/> Cash & Approved Plans						Weekly Payroll Amount			
								Fringe Rate Your Company Pays Per Hour						8. Total Hrs for all Jobs	9. Total Gross on All Jobs	10. Total Deductions	11. Net Pay on All Jobs				
		H&W	Pens	Vac	Hol	Other	Total														
	OT																				
	ST																				
	OT																				
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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 or indirectly from the total wages earned, other than permissible 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.

Type or Print Name and Title \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_



DO NOT REDO FORM AND CHANGE RATES IF AN ERROR HAS BEEN MADE! SUBMIT A CORRECTED REPORT

\*\*\* CORRECTED \*\*\*

Fill out all other areas of the form as usual

### Certified Payroll Report

Total Hours being corrected for this indiv.

Difference in base rate & corrected base rate if applicable

Report for:  Check if Subcontractor<sup>1)</sup> Contract No: \_\_\_\_\_ Payroll No: \_\_\_\_\_  
 Company:<sup>1)</sup> \_\_\_\_\_ If Sub, GC/Prime Contractor Name: \_\_\_\_\_ Project Name & Location: \_\_\_\_\_ Week Ending: \_\_\_\_\_  
 Address: \_\_\_\_\_ Public Authority (Owner): \_\_\_\_\_ Sheet<sup>2)</sup> \_\_\_\_\_ of \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_ Phone No: \_\_\_\_\_

1. Employee Name, Address, & SS# (Last 4 digits if permitted)	2. Work Class <sup>2)</sup>	3. Prevailing Wage Project Hours Worked - Day & Date	4. Total Hours	5. Base Rate	6. Project Gross	7. Fringes:		Fringe Rate Your Company Pays Per Hour						Weekly Payroll Amount				
						<input type="checkbox"/> Cash	<input type="checkbox"/> Approved Plans	<input type="checkbox"/> Cash & Approved Plans	H&W	Pens	Vac	Hol	Other	Total	8. Total Hrs for all Jobs	9. Total Gross on All Jobs	10. Total Deductions	11. Net Pay on All Jobs
Name Address Last 4 SSN	Class	OT ST OT ST OT ST OT ST OT ST																

Put the period that is being corrected, i.e.: Oct 26 to Nov 02, not individual weekly dates

Difference in fringes & corrected fringes if applicable.

The net paid will be the total of difference paid and the total hours being corrected. Provide check # in the margin.

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 or indirectly from the total wages earned, other than permissible 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.

Type or Print Name and Title  Signature  Date

11/14 jc <sup>2)</sup>Attach additional sheets as necessary. <sup>3)</sup>Type in continuous line, text will wrap.

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.



Department of Commerce

Division of Industrial Compliance

### Affidavit of Compliance

### Prevailing Wages

I, \_\_\_\_\_  
(Name of person signing affidavit) (Title)

do hereby certify that the wages paid to all employees of

\_\_\_\_\_  
(Company Name)

for all hours worked on the

\_\_\_\_\_  
(Project name and location)

project, during the period from \_\_\_\_\_ to \_\_\_\_\_ are in  
(Project Dates)

compliance with prevailing wage requirements of Chapter 4115 of the Ohio Revised Code. I further certify that no rebates or deductions have been or will be made, directly or indirectly, from any wages paid in connection with this project, other than those provided by law.

\_\_\_\_\_  
(Signature of Officer or Agent)

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: 12/10/2024  
Expiration Date: 03/10/2025

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



# Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 50 Heat & Frost Insulators

Change # : LCN03-2024ibAsbLoc50

Craft : Asbestos Worker Effective Date : 10/30/2024 Last Posted : 10/30/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Asbestos Insulation Mechanic	\$38.56		\$9.20	\$8.85	\$0.50	\$0.00	\$3.75	\$0.00	\$0.00	\$0.00	\$60.86	\$80.14
Firestop Technician	\$38.56		\$9.20	\$8.85	\$0.50	\$0.00	\$3.75	\$0.00	\$0.00	\$0.00	\$60.86	\$80.14
<b>Apprentice</b>												
	<b>Percent</b>											
1st year	60.00	\$23.14	\$9.20	\$4.52	\$0.50	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$37.86	\$49.42
2nd year	70.00	\$26.99	\$9.20	\$4.52	\$0.50	\$0.00	\$0.85	\$0.00	\$0.00	\$0.00	\$42.06	\$55.56
3rd year	80.00	\$30.85	\$9.20	\$6.76	\$0.50	\$0.00	\$1.25	\$0.00	\$0.00	\$0.00	\$48.56	\$63.98
4th year	85.00	\$32.78	\$9.20	\$6.76	\$0.50	\$0.00	\$1.50	\$0.00	\$0.00	\$0.00	\$50.74	\$67.12

**Special Calculation Note :**

**Ratio :**

- 1 Journeymen to 1 Apprentice
- 4 Journeymen to 1 Apprentice thereafter

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ATHENS, AUGLAIZE, BUTLER\*, CHAMPAIGN, CLARK, CLINTON, CRAWFORD, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GREENE, GUERNSEY, HARDIN, HOCKING, KNOX, LICKING, LOGAN, MADISON, MARION, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PREBLE, 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

**Details :**

# Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 8 Heat & Frost Insulators

Change # : LCN01-2024ibLoc8

Craft : Asbestos Worker Effective Date : 03/06/2024 Last Posted : 03/06/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Asbestos Insulators	\$34.23		\$8.64	\$9.35	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$56.17	\$73.28
Apprentice Rates for those that began BEFORE March 1, 2024												
1st Year	\$18.83		\$8.64	\$5.10	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$36.52	\$45.94
2nd Year	\$20.53		\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$39.77	\$50.04
3rd Year	\$22.25		\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$41.49	\$52.62
4th Year	\$23.96		\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$43.20	\$55.18
Apprentice Rates for those that began AFTER March 1, 2024	<b>Percent</b>											
1st Year	55.00	\$18.83	\$8.64	\$5.10	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.02	\$42.43
2nd Year	59.98	\$20.53	\$8.64	\$6.65	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.27	\$46.54
3rd Year	65.00	\$22.25	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$41.49	\$52.61
4th Year	70.00	\$23.96	\$8.64	\$6.65	\$0.45	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$43.20	\$55.18

**Special Calculation Note :**

**Ratio :**

- 1 Journeyman to 1 Apprentice
- 2 Journeymen to 2 Apprentices
- 3 Journeymen to 3 Apprentices
- 3 Journeymen to 1 Apprentice thereafter

**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..

# Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 207

Change # : LCR01-2024ibLoc207

Craft : Asbestos Worker Effective Date : 07/24/2024 Last Posted : 07/24/2024

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
<b>Classification</b>												
Asbestos Abatement	\$30.00		\$10.45	\$7.00	\$0.65	\$3.25	\$0.00	\$0.00	\$0.00	\$0.00	\$51.35	\$66.35
<b>Trainee Percent</b>												
Trainee	65.15	\$19.55	\$10.45	\$1.60	\$0.65	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.25	\$43.02

**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, ERIE\*, 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 :** Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneau, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe, Morgan, New Lyme, North Kingsville, Orwell, Pierpoint, Richmond Rock Creek, Rome, Sheffield, Trumbull, Wayne, Williamsfield & Windsor)

Butler County: (townships of Fairfield, Hanover, Liberty, Milford, Morgan, Oxford, Ripley, Ross, St. Clair, Union & Wayne) (Lemon & Madison)

Erie County: (post offices & townships of Berlin, Berlin Heights, Birmingham, Florence, Huron, Milan,

Shinrock & Vermillion)

Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington) (Clear Creek, Franklin, Mossie, Turtle Creek & Wayne)

**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 600 hours in the Asbestos Abatement field.

# Prevailing Wage Rate Skilled Crafts

Name of Union: **Boilermaker Local 105**

Change # : **LCN02-2013fbLoc 105**

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

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Boilermaker	\$35.26		\$7.07	\$13.28	\$0.89	\$0.00	\$3.00	\$0.55	\$0.00	\$0.00	\$60.05	\$77.68
Apprentice	Percent											
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

**Ratio :**

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 :**

**Details :**



# Prevailing Wage Rate Skilled Crafts

Name of Union: **Boilermaker Local 154**

Change # : **LCN01-2012kpLoc 154**

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

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Boilermaker	\$36.17		\$8.57	\$11.28	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$62.56	\$80.65
Trainee 60%	\$23.25		\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$41.95	\$53.57
Trainee 70%	\$27.13		\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$45.83	\$59.40
Trainee 80%	\$31.00		\$8.57	\$3.59	\$0.55	\$0.00	\$4.25	\$0.34	\$0.00	\$1.40	\$49.70	\$65.20
Trainee 90%	\$34.88		\$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	Percent											
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 :**

**Jurisdiction ( \* denotes special jurisdictional note ) :**

5 Journeymen to 1 Apprentice

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

# Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 Heavy Hwy (A)

Change # : LCN01-2024ibLoc23HevHwyA

Craft : Bricklayer Effective Date : 06/05/2024 Last Posted : 06/05/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Cement Mason Bricklayer Sewer Water Works A	\$33.39		\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.45	\$70.14
Apprentice	Percent											
1st year	70.00	\$23.37	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.43	\$55.12
2nd year	80.00	\$26.71	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.77	\$60.13
3rd year	90.00	\$30.05	\$10.00	\$9.53	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.11	\$65.14

**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 :**

### **Details :**

(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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 Heavy Hwy (B)

Change # : LCN01-2024ibLoc23HevHwyB

Craft : Bricklayer Effective Date : 06/05/2024 Last Posted : 06/05/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Cement Mason Bricklayer Power Plants Tunnels Amusement Parks B	\$34.39		\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.45	\$71.65
Apprentice	Percent											
1st year	70.00	\$24.07	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.13	\$56.17
2nd year	80.00	\$27.51	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.57	\$61.33
3rd year	90.00	\$30.95	\$10.00	\$9.52	\$0.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.01	\$66.49

**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 :**

**Details :**

(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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 (Cincinnati)

Change # : LCN01-2024ibLoc23Cinci

Craft : Bricklayer Effective Date : 06/05/2024 Last Posted : 06/05/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer	\$35.00		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Stone Mason	\$35.00		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Pointer Caulker Cleaner	\$35.00		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.18	\$69.68
Refractory Workers	\$36.00		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.18	\$71.18
Refractory Worker Hot Pay	\$38.00		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.18	\$74.18
Sawman	\$35.25		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.43	\$70.05
Layout Man	\$35.25		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.43	\$70.05
Free Standing Chimney	\$35.50		\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.68	\$70.43
Apprentice	Percent											
1st 6 months	70.00	\$24.50	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.68	\$53.93
2nd 6 months	74.00	\$25.90	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.08	\$56.03
3rd 6 months	78.00	\$27.30	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.48	\$58.13
4th 6 months	82.00	\$28.70	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.88	\$60.23
5th 6 months	86.00	\$30.10	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.28	\$62.33
6th 6 months	90.00	\$31.50	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.68	\$64.43
7th 6 months	94.00	\$32.90	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.08	\$66.53
8th 6 months	98.00	\$34.30	\$9.79	\$6.64	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.48	\$68.63



MASON FINISHER 1-90 Days	45.00	\$15.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.75	\$23.62
90-365 Days	45.00	\$15.75	\$9.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.54	\$33.42
366+ Days	50.00	\$17.50	\$9.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.29	\$36.04

**Special Calculation Note :** \*\*In order to utilize a Pre-Apprentice, you must have 1 Registered Apprentice in your employ.  
Mason Trainees Health and Welfare after 180 days

**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 Apprentice permits 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

**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.

**Jurisdiction ( \* denotes special jurisdictional note ) :**

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

# Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 Tile Finisher

Change # : LCN01-2023ibLoc23TF

Craft : Bricklayer Effective Date : 09/01/2023 Last Posted : 08/30/2023

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Marble Terrazzo Finisher	\$27.87		\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.18	\$58.12
Terrazzo Base Grinder	\$28.37		\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.68	\$58.87
Marble Sander Polisher	\$27.97		\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$44.28	\$58.27
Apprentices	Percent											
1st 6 months 0-600 hrs	65.00	\$18.12	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$34.43	\$43.48
2nd 6 months 601-1200 hrs	70.00	\$19.51	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$35.82	\$45.57
3rd 6 months 1201-1800 hrs	75.00	\$20.90	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$37.21	\$47.66
4th 6 months 1801-2400 hrs	80.00	\$22.30	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$38.61	\$49.75
5th 6 months 2401-3000 hrs	85.00	\$23.69	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$40.00	\$51.84
6th 6 months 3001-3600	95.00	\$26.48	\$9.67	\$5.85	\$0.54	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$42.79	\$56.02
1-30 Days Prior to Entering Apprenticeship	60.00	\$16.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.72	\$25.08

**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

**Jurisdiction ( \* denotes special jurisdictional note ) :**

- ADAMS, BROWN, BUTLER, CLERMONT, GALLIA, HAMILTON, LAWRENCE, PREBLE\*, SCIOTO, WARREN, WARREN\*

20 Journeymen to 4 Apprentices  
25 Journeymen to 5 Apprentices

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

**Details :**

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



# Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 23 Tile Mechanic

Change # : LCN01-2023ibLoc23TM

Craft : Bricklayer Effective Date : 09/01/2023 Last Posted : 08/30/2023

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Terrazzo Marble Mason Mechanic	\$32.41		\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$48.75	\$64.95
Marble Layout Work	\$32.91		\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$49.25	\$65.70
Swing Scaffold Worker	\$33.91		\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$50.25	\$67.20
Apprentice after 2 years (2400 hrs) as Apprentice Finisher	Percent											
5th/6 Months 0- 600 hrs	70.00	\$22.69	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$39.03	\$50.37
6th/6 months 601-1200 hrs	80.00	\$25.93	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$42.27	\$55.23
7th/6 months 1201-1800 hrs.	85.00	\$27.55	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$43.89	\$57.66
8th/6 months 1801-2400 hrs.	90.00	\$29.17	\$9.67	\$5.85	\$0.57	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$45.51	\$60.09

**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.

**Details :**

\*\*In order to utilize a Pre-Apprentice, you must have 1 Registered Apprentice in your employ.\*\*



# Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Floorlayer SW District G

Change # : LCN01-2023ibLocSWG

Craft : Carpenter Effective Date : 09/20/2023 Last Posted : 09/20/2023

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Floorlayer	\$29.02		\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$47.31	\$61.82
Apprentice	Percent											
1st 3 months	65.00	\$18.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.86	\$28.29
2nd 3 months	65.00	\$18.86	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$30.20	\$39.63
2nd 6 months	65.00	\$18.86	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$30.20	\$39.63
3rd 6 months	70.00	\$20.31	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$31.65	\$41.81
4th 6 months	75.00	\$21.76	\$8.31	\$0.00	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$33.11	\$43.99
5th 6 months	80.00	\$23.22	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$41.51	\$53.11
6th 6 months	85.00	\$24.67	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$42.96	\$55.29
7th 6 months	90.00	\$26.12	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$44.41	\$57.47
8th 6 months	95.00	\$27.57	\$8.31	\$6.95	\$0.60	\$0.00	\$2.28	\$0.15	\$0.00	\$0.00	\$45.86	\$59.64

**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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Millwright Local 1090 SW Zone I

Change # : LCN01-2024ibLoc1090SWZ1

Craft : Carpenter Effective Date : 10/02/2024 Last Posted : 10/02/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Millwright	\$35.30		\$8.42	\$6.95	\$0.62	\$0.00	\$7.77	\$0.19	\$0.00	\$0.00	\$59.25	\$76.90
Apprentice	Percent											
1st 6 months	60.00	\$21.18	\$8.42	\$4.27	\$0.62	\$0.00	\$4.66	\$0.19	\$0.00	\$0.00	\$39.34	\$49.93
2nd 6 months	65.02	\$22.95	\$8.42	\$4.61	\$0.62	\$0.00	\$5.05	\$0.19	\$0.00	\$0.00	\$41.84	\$53.32
3rd 6 months	70.00	\$24.71	\$8.42	\$4.94	\$0.62	\$0.00	\$5.44	\$0.19	\$0.00	\$0.00	\$44.32	\$56.67
4th 6 months	75.02	\$26.48	\$8.42	\$5.28	\$0.62	\$0.00	\$5.83	\$0.19	\$0.00	\$0.00	\$46.82	\$60.06
5th 6 months	80.00	\$28.24	\$8.42	\$5.61	\$0.62	\$0.00	\$6.22	\$0.19	\$0.00	\$0.00	\$49.30	\$63.42
6th 6 months	85.00	\$30.00	\$8.42	\$5.95	\$0.62	\$0.00	\$6.60	\$0.19	\$0.00	\$0.00	\$51.78	\$66.79
7th 6 months	90.00	\$31.77	\$8.42	\$6.28	\$0.62	\$0.00	\$6.99	\$0.19	\$0.00	\$0.00	\$54.27	\$70.15
8th 6 months	95.02	\$33.54	\$8.42	\$6.62	\$0.62	\$0.00	\$7.38	\$0.19	\$0.00	\$0.00	\$56.77	\$73.54

**Special Calculation Note :** Other (\$0.19) \$0.14 National Fund and National Millwright Fund \$0.05

**Ratio :**

3 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

BROWN, BUTLER, CLERMONT, CLINTON,  
HAMILTON, WARREN

**Special Jurisdictional Note :**

**Details :**



# Prevailing Wage Rate

## Skilled Crafts

Name of Union: Carpenter NE District Industrial Dock & Door

Change # : LCN01-2014fbCarpNEStatewide

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

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Carpenter	\$19.70		\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.90	\$35.75
<b>Trainee</b>	<b>Percent</b>											
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

# Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter & Pile Driver SW District HevHwy

Change # : LCR01-2024ibCarpSWHevHwy

Craft : Carpenter Effective Date : 05/03/2024 Last Posted : 05/03/2024

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Journeyman	\$34.25		\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$55.59	\$72.71
Apprentice	Percent											
1st 6 Months	60.00	\$20.55	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$41.89	\$52.17
2nd 6 Months	65.00	\$22.26	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$43.60	\$54.73
3rd 6 Months	70.02	\$23.98	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$45.32	\$57.31
4th 6 Months	75.00	\$25.69	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$47.03	\$59.87
5th 6 Months	80.00	\$27.40	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$48.74	\$62.44
6th 6 Months	85.00	\$29.11	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$50.45	\$65.01
7th 6 Months	90.02	\$30.83	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$52.17	\$67.59
8th 6 Months	95.00	\$32.54	\$8.57	\$6.95	\$0.60	\$0.00	\$5.06	\$0.16	\$0.00	\$0.00	\$53.88	\$70.15

**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 Apprentices employed.

Thereafter, every third additional carpenter hired shall be an apprentice, if available, and if practical for the type of work being performed.

**Jurisdiction ( \* denotes special jurisdictional note ) :**

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

**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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter & Pile Driver SW Zone 2

Change # : LCN01-2024ibLocSWZone2

Craft : Carpenter Effective Date : 07/31/2024 Last Posted : 07/31/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter	\$32.26		\$8.48	\$6.95	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$51.52	\$67.65
Pile Driver	\$32.26		\$8.48	\$6.95	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$51.52	\$67.65
Apprentice	Percent											
1st 6 Months	70.00	\$22.58	\$8.48	\$2.00	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$36.89	\$48.18
2nd 6 Months	70.00	\$22.58	\$8.48	\$2.00	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$36.89	\$48.18
3rd 6 Months	80.00	\$25.81	\$8.48	\$5.56	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$43.68	\$56.58
4th 6 Months	80.00	\$25.81	\$8.48	\$5.56	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$43.68	\$56.58
5th 6 Months	90.00	\$29.03	\$8.48	\$6.26	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$47.60	\$62.12
6th 6 Months	90.00	\$29.03	\$8.48	\$6.26	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$47.60	\$62.12
7th 6 Months	95.00	\$30.65	\$8.48	\$6.60	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$49.56	\$64.88
8th 6 Months	95.00	\$30.65	\$8.48	\$6.60	\$0.60	\$0.00	\$3.07	\$0.16	\$0.00	\$0.00	\$49.56	\$64.88

**Special Calculation Note :** Other is for UBC National Fund.

**Ratio :**

1 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: **Cement Mason Statewide HevHwy**

Change # : **LCN01-2024ibCementHevHwy**

Craft : **Cement Mason Effective Date : 05/01/2024 Last Posted : 05/01/2024**

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Cement Mason	\$34.74		\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$54.26	\$71.63
<b>Apprentice</b>	<b>Percent</b>											
1st Year	70.00	\$24.32	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$43.84	\$56.00
2nd Year	80.00	\$27.79	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$47.31	\$61.21
3rd Year	90.00	\$31.27	\$8.80	\$7.65	\$0.75	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$50.79	\$66.42
4th Year	95.00	\$33.00	\$8.80	\$7.65	\$0.75	\$0.00	\$3.25	\$0.07	\$0.00	\$0.00	\$53.52	\$70.02

**Special Calculation Note** : Other \$0.07 is for International Training Fund

4th Year Apprentice Rate (95%) is only applicable to the jurisdiction of Local 404, this includes Ashtabula, Cuyahoga, Geauga, Lake, and Lorain counties.

**Ratio :**

1 Journeymen to 1 Apprentice  
2 to 1 thereafter

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ADAMS, ALLEN, ASHLAND, ASHTABULA\*,  
ATHENS, AUGLAIZE, BELMONT, BROWN,  
BUTLER, CARROLL, CHAMPAIGN, CLARK,  
CLERMONT, CLINTON, COLUMBIANA,  
COSHOCOTON, 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 :** (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work, Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facilities Construction.

\*For Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work, Pollution Control, Sewer Plant, Waste & Water Plant, Water Treatment Facility Construction work in the following Counties: Ashtabula, Cuyahoga, Fulton, Geauga, Hancock, Henry, Lake, Lucas, Putnam and Wood Counties, those counties will use the Cement Mason Statewide Heavy Highway Exhibit B District 1 Wage Rate.

**Details :**

This rate replaces the previous Cement Mason Heavy Highway Statewide Rates (Exhibit A and Exhibit B rates), except for Cement Mason Statewide Heavy Highway Exhibit B Dist 1. sks

# Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 132 (Cincinnati)

Change # : LCN01-2024ibLoc132

Craft : Cement Effective Date : 06/05/2024 Last Posted : 06/05/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Cement Mason	\$32.00	\$8.00	\$6.50	\$0.75	\$0.00	\$0.44	\$0.06	\$0.00	\$0.00	\$47.75	\$63.75
Apprentice	Percent										
1st Year	70.00	\$22.40	\$8.00	\$6.50	\$0.75	\$0.44	\$0.06	\$0.00	\$0.00	\$38.15	\$49.35
2nd Year	80.00	\$25.60	\$8.00	\$6.50	\$0.75	\$0.44	\$0.06	\$0.00	\$0.00	\$41.35	\$54.15
3rd Year	90.00	\$28.80	\$8.00	\$6.50	\$0.75	\$0.44	\$0.06	\$0.00	\$0.00	\$44.55	\$58.95

**Special Calculation Note :** Other: International Training Fund

**Ratio :**

- 1 Journeyman to 1 Apprentice
- 4 Journeymen to 2 Apprentices
- 7 Journeymen to 3 Apprentices
- 10 Journeymen to 4 Apprentices

**Jurisdiction ( \* denotes special jurisdictional note ) :**

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN

**Special Jurisdictional Note :**

**Details :**

- \*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.



# Prevailing Wage Rate Skilled Crafts

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

Change # : LCN01-2024ibLoc71HTPC

Craft : Lineman Effective Date : 02/07/2024 Last Posted : 02/07/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Lineman	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Certified Lineman Welder	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Certified Cable Splicer	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18
Operator A	\$45.39	\$7.25	\$1.36	\$0.45	\$0.00	\$10.89	\$0.75	\$0.00	\$0.00	\$66.09	\$88.79
Operator B	\$40.18	\$7.25	\$1.21	\$0.40	\$0.00	\$9.64	\$0.75	\$0.00	\$0.00	\$59.43	\$79.52
Operator C	\$32.29	\$7.25	\$0.97	\$0.32	\$0.00	\$7.75	\$0.75	\$0.00	\$0.00	\$49.33	\$65.47
Groundman 0-12 months Exp	\$25.33	\$7.25	\$0.76	\$0.25	\$0.00	\$6.08	\$0.75	\$0.00	\$0.00	\$40.42	\$53.08
Groundman 0-12 months Exp w/CDL	\$27.86	\$7.25	\$0.84	\$0.28	\$0.00	\$6.69	\$0.75	\$0.00	\$0.00	\$43.67	\$57.60
Groundman 1 yr or more	\$27.86	\$7.25	\$0.84	\$0.28	\$0.00	\$6.69	\$0.75	\$0.00	\$0.00	\$43.67	\$57.60
Groundman 1 yr or more w/CDL	\$32.92	\$7.25	\$0.99	\$0.33	\$0.00	\$7.90	\$0.75	\$0.00	\$0.00	\$50.14	\$66.60
Equipment Mechanic A	\$40.18	\$7.25	\$1.21	\$0.40	\$0.00	\$9.64	\$0.75	\$0.00	\$0.00	\$59.43	\$79.52
Equipment Mechanic B	\$36.23	\$7.25	\$1.09	\$0.36	\$0.00	\$8.70	\$0.75	\$0.00	\$0.00	\$54.38	\$72.50
Equipment Mechanic C	\$32.29	\$7.25	\$0.97	\$0.32	\$0.00	\$7.75	\$0.75	\$0.00	\$0.00	\$49.33	\$65.47

X-Ray Technician	\$50.66	\$7.25	\$1.52	\$0.51	\$0.00	\$12.16	\$0.75	\$0.00	\$0.00	\$72.85	\$98.18	
<b>Apprentice</b>	<b>Percent</b>											
1st 1000 hrs	60.00	\$30.40	\$7.25	\$0.91	\$0.30	\$0.00	\$7.30	\$0.75	\$0.00	\$0.00	\$46.91	\$62.10
2nd 1000 hrs	65.00	\$32.93	\$7.25	\$0.99	\$0.33	\$0.00	\$7.90	\$0.75	\$0.00	\$0.00	\$50.15	\$66.61
3rd 1000 hrs	70.00	\$35.46	\$7.25	\$1.06	\$0.35	\$0.00	\$8.51	\$0.75	\$0.00	\$0.00	\$53.38	\$71.11
4th 1000 hrs	75.00	\$38.00	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.64	\$75.63
5th 1000 hrs	80.00	\$40.53	\$7.25	\$1.22	\$0.41	\$0.00	\$9.73	\$0.75	\$0.00	\$0.00	\$59.89	\$80.15
6th 1000 hrs	85.00	\$43.06	\$7.25	\$1.29	\$0.43	\$0.00	\$10.33	\$0.75	\$0.00	\$0.00	\$63.11	\$84.64
7th 1000 hrs	90.00	\$45.59	\$7.25	\$1.37	\$0.46	\$0.00	\$10.94	\$0.75	\$0.00	\$0.00	\$66.36	\$89.16

**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 than 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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Outside Cincinnati

Change # : LCN01-2024ibLoc71Cincinnati

Craft : Lineman Effective Date : 02/07/2024 Last Posted : 02/07/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Lineman	\$44.52	\$7.25	\$1.34	\$0.45	\$0.00	\$8.90	\$0.50	\$0.00	\$0.00	\$62.96	\$85.22
Traffic Signal & Lighting Journeyman	\$42.93	\$7.25	\$1.29	\$0.42	\$0.00	\$8.59	\$0.50	\$0.00	\$0.00	\$60.98	\$82.45
Equipment Operator	\$39.11	\$7.25	\$1.17	\$0.39	\$0.00	\$7.82	\$0.50	\$0.00	\$0.00	\$56.24	\$75.79
Groundman 0-12 months (W/O CDL)	\$23.71	\$7.25	\$0.71	\$0.24	\$0.00	\$4.74	\$0.50	\$0.00	\$0.00	\$37.15	\$49.01
Groundman 0-21 Months (W/CDL)	\$25.90	\$7.25	\$0.77	\$0.26	\$0.00	\$5.18	\$0.50	\$0.00	\$0.00	\$39.86	\$52.81
Groundman 1 Year or More (W/CDL)	\$28.11	\$7.25	\$0.84	\$0.28	\$0.00	\$5.62	\$0.50	\$0.00	\$0.00	\$42.60	\$56.66
Traffic Signal Apprentices											
1st 1,000 hours	\$25.76	\$7.25	\$0.77	\$0.26	\$0.00	\$5.15	\$0.50	\$0.00	\$0.00	\$39.69	\$52.57
2nd 1,000 hours	\$27.90	\$7.25	\$0.84	\$0.28	\$0.00	\$5.58	\$0.50	\$0.00	\$0.00	\$42.35	\$56.30
3rd 1,000 hours	\$30.05	\$7.25	\$0.90	\$0.30	\$0.00	\$6.01	\$0.50	\$0.00	\$0.00	\$45.01	\$60.03
4th 1,000 hours	\$32.20	\$7.25	\$0.97	\$0.32	\$0.00	\$6.44	\$0.50	\$0.00	\$0.00	\$47.68	\$63.78
5th 1,000 hours	\$34.34	\$7.25	\$1.03	\$0.34	\$0.00	\$6.87	\$0.50	\$0.00	\$0.00	\$50.33	\$67.50
6th 1,000 hours	\$38.64	\$7.25	\$1.16	\$0.39	\$0.00	\$7.73	\$0.50	\$0.00	\$0.00	\$55.67	\$74.99

Apprentice Lineman	Percent											
	1st 1,000 Hours	60.00	\$26.71	\$7.25	\$0.80	\$0.27	\$0.00	\$5.34	\$0.50	\$0.00	\$0.00	\$40.87
2nd 1,000 Hours	65.00	\$28.94	\$7.25	\$0.87	\$0.29	\$0.00	\$5.79	\$0.50	\$0.00	\$0.00	\$43.64	\$58.11
3rd 1,000 Hours	70.00	\$31.16	\$7.25	\$0.93	\$0.31	\$0.00	\$6.23	\$0.50	\$0.00	\$0.00	\$46.38	\$61.97
4th 1,000 Hours	75.00	\$33.39	\$7.25	\$1.00	\$0.33	\$0.00	\$6.68	\$0.50	\$0.00	\$0.00	\$49.15	\$65.84
5th 1,000 Hours	80.00	\$35.62	\$7.25	\$1.07	\$0.36	\$0.00	\$7.12	\$0.50	\$0.00	\$0.00	\$51.92	\$69.72
6th 1,000 Hours	85.00	\$37.84	\$7.25	\$1.14	\$0.38	\$0.00	\$7.57	\$0.50	\$0.00	\$0.00	\$54.68	\$73.60
7th 1,000 Hours	90.00	\$40.07	\$7.25	\$1.20	\$0.40	\$0.00	\$8.01	\$0.50	\$0.00	\$0.00	\$57.43	\$77.46

**Special Calculation Note :** Other is Health Reimbursement Account

**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 than 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Outside Utility Power

Change # : LCN01-2024ibLoc7

Craft : Lineman Effective Date : 02/07/2024 Last Posted : 02/07/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Lineman	\$47.99	\$7.25	\$1.44	\$0.48	\$0.00	\$11.52	\$0.75	\$0.00	\$0.00	\$69.43	\$93.42
Substation Technician	\$47.99	\$7.25	\$1.44	\$0.48	\$0.00	\$11.52	\$0.75	\$0.00	\$0.00	\$69.43	\$93.42
Cable Splicer	\$50.26	\$7.25	\$1.51	\$0.50	\$0.00	\$12.06	\$0.75	\$0.00	\$0.00	\$72.33	\$97.46
Operator A	\$43.01	\$7.25	\$1.29	\$0.43	\$0.00	\$10.32	\$0.75	\$0.00	\$0.00	\$63.05	\$84.56
Operator B	\$38.02	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.66	\$75.67
Operator C	\$30.52	\$7.25	\$0.92	\$0.31	\$0.00	\$7.32	\$0.75	\$0.00	\$0.00	\$47.07	\$62.33
Groundman 0-12 months Exp	\$24.00	\$7.25	\$0.72	\$0.24	\$0.00	\$5.76	\$0.75	\$0.00	\$0.00	\$38.72	\$50.72
Groundman 0-12 months Exp w/CDL	\$26.40	\$7.25	\$0.79	\$0.26	\$0.00	\$6.33	\$0.75	\$0.00	\$0.00	\$41.78	\$54.98
Groundman 1 yr or more	\$26.40	\$7.25	\$0.79	\$0.26	\$0.00	\$6.33	\$0.75	\$0.00	\$0.00	\$41.78	\$54.98
Groundman 1 yr or more w/CDL	\$31.19	\$7.25	\$0.94	\$0.31	\$0.00	\$7.49	\$0.75	\$0.00	\$0.00	\$47.93	\$63.53
Equipment Mechanic A	\$38.02	\$7.25	\$1.14	\$0.38	\$0.00	\$9.12	\$0.75	\$0.00	\$0.00	\$56.66	\$75.67
Equipment Mechanic B	\$34.28	\$7.25	\$1.03	\$0.34	\$0.00	\$8.23	\$0.75	\$0.00	\$0.00	\$51.88	\$69.02
Equipment Mechanic C	\$30.52	\$7.25	\$0.92	\$0.31	\$0.00	\$7.32	\$0.75	\$0.00	\$0.00	\$47.07	\$62.33
Line Truck w/uuger	\$33.65	\$7.25	\$1.01	\$0.34	\$0.00	\$8.08	\$0.75	\$0.00	\$0.00	\$51.08	\$67.90

Apprentice	Percent											
1st 1000 hrs	60.00	\$28.79	\$7.25	\$0.86	\$0.29	\$0.00	\$6.91	\$0.75	\$0.00	\$0.00	\$44.85	\$59.25
2nd 1000 hrs	65.00	\$31.19	\$7.25	\$0.94	\$0.31	\$0.00	\$7.49	\$0.75	\$0.00	\$0.00	\$47.93	\$63.53
3rd 1000 hrs	70.00	\$33.59	\$7.25	\$1.01	\$0.34	\$0.00	\$8.06	\$0.75	\$0.00	\$0.00	\$51.00	\$67.80
4th 1000 hrs	75.00	\$35.99	\$7.25	\$1.08	\$0.36	\$0.00	\$8.64	\$0.75	\$0.00	\$0.00	\$54.07	\$72.07
5th 1000 hrs	80.00	\$38.39	\$7.25	\$1.15	\$0.38	\$0.00	\$9.21	\$0.75	\$0.00	\$0.00	\$57.13	\$76.33
6th 1000 hrs	85.00	\$40.79	\$7.25	\$1.22	\$0.41	\$0.00	\$9.79	\$0.75	\$0.00	\$0.00	\$60.21	\$80.61
7th 1000 hrs	90.00	\$43.19	\$7.25	\$1.30	\$0.43	\$0.00	\$10.37	\$0.75	\$0.00	\$0.00	\$63.29	\$84.89

**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 than 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Underground Residential Distribution

Change # : LCN01-2024ibLoc7URD

Craft : Lineman Effective Date : 02/07/2024 Last Posted : 02/07/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
URD Electrician	\$36.41		\$7.25	\$1.09	\$0.36	\$0.00	\$8.74	\$0.75	\$0.00	\$0.00	\$54.60	\$72.80
Equipment Operator A	\$32.57		\$7.25	\$0.98	\$0.33	\$0.00	\$7.82	\$0.75	\$0.00	\$0.00	\$49.70	\$65.98
Equipment Operator B	\$29.91		\$7.25	\$0.90	\$0.30	\$0.00	\$7.18	\$0.75	\$0.00	\$0.00	\$46.29	\$61.25
Directional Drill Locator	\$32.57		\$7.25	\$0.98	\$0.33	\$0.00	\$7.82	\$0.75	\$0.00	\$0.00	\$49.70	\$65.98
Directional Drill Operator	\$29.91		\$7.25	\$0.90	\$0.30	\$0.00	\$7.18	\$0.75	\$0.00	\$0.00	\$46.29	\$61.25
Groundman 0-12 months Exp	\$23.64		\$7.25	\$0.71	\$0.24	\$0.00	\$5.76	\$0.75	\$0.00	\$0.00	\$38.35	\$50.17
Groundman 0-12 months Exp w/CDL	\$26.07		\$7.25	\$0.78	\$0.26	\$0.00	\$6.26	\$0.75	\$0.00	\$0.00	\$41.37	\$54.41
Groundman 1 yr or more	\$26.07		\$7.25	\$0.78	\$0.26	\$0.00	\$6.26	\$0.75	\$0.00	\$0.00	\$41.37	\$54.41
Groundman 1 yr or more w/CDL	\$30.96		\$7.25	\$0.93	\$0.31	\$0.00	\$7.43	\$0.75	\$0.00	\$0.00	\$47.63	\$63.11
Apprentice	Percent											
1st 1000 hrs	80.00	\$29.13	\$7.25	\$0.87	\$0.29	\$0.00	\$6.99	\$0.75	\$0.00	\$0.00	\$45.28	\$59.84
2nd 1000 hrs	85.00	\$30.95	\$7.25	\$0.93	\$0.31	\$0.00	\$7.43	\$0.75	\$0.00	\$0.00	\$47.62	\$63.09
3rd 1000 hrs	90.00	\$32.77	\$7.25	\$0.98	\$0.33	\$0.00	\$7.86	\$0.75	\$0.00	\$0.00	\$49.94	\$66.32



4th 1000 hrs	95.00	\$34.59	\$7.25	\$1.04	\$0.35	\$0.00	\$8.28	\$0.75	\$0.00	\$0.00	\$52.26	\$69.55
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**Special Calculation Note :** Other: Health Reimbursement Account

**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 :**

**Details :**

This work applies to projects designated for any outside Underground Residential Distribution construction work for electrical utilities, municipalities and rural electrification projects.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Voice Data Video Outside

Change # : LCN02-2024ibLoc71VDV

Craft : Voice Data Video Effective Date : 03/06/2024 Last Posted : 03/06/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Installer Technician I	\$35.39		\$7.25	\$1.06	\$0.00	\$0.00	\$1.77	\$0.00	\$0.00	\$0.00	\$45.47	\$63.17
Installer Technician II	\$33.37		\$7.25	\$1.00	\$0.00	\$0.00	\$1.67	\$0.00	\$0.00	\$0.00	\$43.29	\$59.97
Installer Repairman	\$33.37		\$7.25	\$1.00	\$0.00	\$0.00	\$1.67	\$0.00	\$0.00	\$0.00	\$43.29	\$59.97
Equipment Operator II	\$24.98		\$7.25	\$0.75	\$0.00	\$0.00	\$1.25	\$0.00	\$0.00	\$0.00	\$34.23	\$46.72
Cable Splicer	\$35.39		\$7.25	\$1.06	\$0.00	\$0.00	\$1.77	\$0.00	\$0.00	\$0.00	\$45.47	\$63.17
Ground Driver W/CDL	\$16.69		\$7.25	\$0.50	\$0.00	\$0.00	\$0.83	\$0.00	\$0.00	\$0.00	\$25.27	\$33.62
Groundman	\$14.57		\$7.25	\$0.44	\$0.00	\$0.00	\$0.73	\$0.00	\$0.00	\$0.00	\$22.99	\$30.28
Trainees	Percent											
Trainee F	50.01	\$17.70	\$7.25	\$0.53	\$0.00	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$26.37	\$35.22
Trainee E	58.00	\$20.53	\$7.25	\$0.62	\$0.00	\$1.03	\$0.00	\$0.00	\$0.00	\$0.00	\$29.43	\$39.69
Trainee D	66.00	\$23.36	\$7.25	\$0.70	\$0.00	\$1.17	\$0.00	\$0.00	\$0.00	\$0.00	\$32.48	\$44.16
Trainee C	74.00	\$26.19	\$7.25	\$0.79	\$0.00	\$1.31	\$0.00	\$0.00	\$0.00	\$0.00	\$35.54	\$48.63
Trainee B	82.00	\$29.02	\$7.25	\$0.87	\$0.00	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00	\$38.59	\$53.10
Trainee A	90.00	\$31.85	\$7.25	\$0.96	\$0.00	\$1.59	\$0.00	\$0.00	\$0.00	\$0.00	\$41.65	\$57.58

Special Calculation Note :

Ratio :

1 Trainee to 1 Journeyman

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.

**Installer 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.

**Installer 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 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 down guys, 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 down guys, making up material, and getting appropriate tools for the job. Experience 0-5 years.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 648 Inside

Change # : LCN01-2024ibLoc648in

Craft : Electrical Effective Date : 08/26/2024 Last Posted : 08/21/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$36.00		\$7.75	\$7.25	\$0.73	\$0.00	\$6.25	\$1.08	\$0.00	\$0.00	\$59.06	\$77.06
Apprentice	Percent											
1st period 0-1000 hrs	50.00	\$18.00	\$4.62	\$0.00	\$0.42	\$0.00	\$3.32	\$0.54	\$0.00	\$0.00	\$26.90	\$35.90
2nd period 1001- 2000 hrs	50.00	\$18.00	\$4.62	\$0.00	\$0.42	\$0.00	\$3.32	\$0.54	\$0.00	\$0.00	\$26.90	\$35.90
3rd period 2001- 3500 hrs	55.00	\$19.80	\$7.75	\$3.99	\$0.45	\$0.00	\$4.29	\$0.59	\$0.00	\$0.00	\$36.87	\$46.77
4th period 3501- 5000 hrs	60.00	\$21.60	\$7.75	\$4.35	\$0.48	\$0.00	\$4.45	\$0.65	\$0.00	\$0.00	\$39.28	\$50.08
5th period 5001- 6500 hrs	65.00	\$23.40	\$7.75	\$4.71	\$0.51	\$0.00	\$4.64	\$0.70	\$0.00	\$0.00	\$41.71	\$53.41
6th period 6501- 8000 hrs	75.00	\$27.00	\$7.75	\$5.44	\$0.57	\$0.00	\$4.97	\$0.81	\$0.00	\$0.00	\$46.54	\$60.04

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

**Ratio :**

1-3 Journeyman to 2 Apprentices or fraction thereof:  
 4-6 Journeymen to 4 Apprentice  
 7-9 Journeymen to 6 Apprentice  
 10-12 Journeymen to 8 Apprentice  
 first person assigned to any job site shall be a journeyman

**Jurisdiction ( \* denotes special jurisdictional note ) :**

BUTLER, WARREN\*

**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.

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Electrical Local 648 Lt Commercial South West

**Change # :** LCN01-2024ibLoc648in

**Craft :** Electrical **Effective Date :** 01/10/2024 **Last Posted :** 01/10/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrician	\$34.00	\$7.45	\$7.64	\$0.51	\$0.00	\$5.36	\$0.38	\$0.00	\$0.20	\$55.54	\$72.54
CE-3 12,001- 14,000 Hrs	\$27.05	\$6.67	\$0.81	\$0.88	\$0.00	\$0.81	\$0.00	\$0.00	\$0.00	\$36.22	\$49.75
CE-2 10,001- 12,000 Hrs	\$21.64	\$6.67	\$0.65	\$0.88	\$0.00	\$0.65	\$0.00	\$0.00	\$0.00	\$30.49	\$41.31
CE-1 8,001- 10,000 Hrs	\$19.83	\$6.67	\$0.59	\$0.88	\$0.00	\$0.59	\$0.00	\$0.00	\$0.00	\$28.56	\$38.48
CW-4 6,001- 8,000 Hrs	\$18.03	\$6.67	\$0.54	\$0.88	\$0.00	\$0.54	\$0.00	\$0.00	\$0.00	\$26.66	\$35.68
CW-3 4,001- 6,000 Hrs	\$16.23	\$6.67	\$0.49	\$0.88	\$0.00	\$0.49	\$0.00	\$0.00	\$0.00	\$24.76	\$32.88
CW-2 2,001- 4,000 Hrs	\$15.33	\$6.67	\$0.46	\$0.88	\$0.00	\$0.46	\$0.00	\$0.00	\$0.00	\$23.80	\$31.46
CW-1 0- 2,000 Hrs	\$14.42	\$6.67	\$0.43	\$0.88	\$0.00	\$0.43	\$0.00	\$0.00	\$0.00	\$22.83	\$30.04

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

**Ratio :**

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 ) :**

BUTLER, WARREN\*

**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 feet), 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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 648 Voice Data Video

Change # : LCN01-2024ibLoc648VDV

Craft : Voice Data Video Effective Date : 11/25/2024 Last Posted : 11/20/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Electrical Installer Technician A	\$30.40		\$7.15	\$0.91	\$0.58	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$43.54	\$58.74
Electrical Installer Technician B	\$28.88		\$7.15	\$0.87	\$0.55	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$41.95	\$56.39
JW Installer Technician B	\$27.36		\$7.15	\$0.82	\$0.52	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$40.35	\$54.03
Non BICSI Installer	\$19.46		\$4.42	\$0.59	\$0.38	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$26.85	\$36.58
<b>Apprentice</b>	<b>Percent</b>											
1st period 0-800 hrs	55.00	\$16.72	\$4.32	\$0.50	\$0.32	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$24.34	\$32.70
2nd period 801-1600 hrs	55.00	\$16.72	\$4.32	\$0.50	\$0.32	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$24.34	\$32.70
3rd period 1601-2400 hrs	65.00	\$19.76	\$7.05	\$0.59	\$0.38	\$0.00	\$2.93	\$0.00	\$0.00	\$0.00	\$30.71	\$40.59
4th period 2401-3200 hrs	65.00	\$19.76	\$7.05	\$0.59	\$0.38	\$0.00	\$2.93	\$0.00	\$0.00	\$0.00	\$30.71	\$40.59
5th period 3201-4000 hrs	75.00	\$22.80	\$7.07	\$0.68	\$0.43	\$0.00	\$3.38	\$0.00	\$0.00	\$0.00	\$34.36	\$45.76
6th period 4001-4800 hrs	75.00	\$22.80	\$7.07	\$0.68	\$0.43	\$0.00	\$3.38	\$0.00	\$0.00	\$0.00	\$34.36	\$45.76
7th period 4801-4900hr	80.00	\$24.32	\$7.09	\$0.73	\$0.46	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$37.10	\$49.26

8th period 4901- 5000hrs	80.00	\$24.32	\$7.09	\$0.73	\$0.46	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$37.10	\$49.26
Cable Puller	50.00	\$15.20	\$4.32	\$0.46	\$0.25	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$20.48	\$28.08

**Special Calculation Note :**

**Ratio :**

- 1Technician to 2 Apprentice
- 2Technician to 4 Apprentice
- 3Technician to 6 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 82 Inside

Change # : LCR01-2024ibLoc82in

Craft : Electrical Effective Date : 09/11/2024 Last Posted : 09/11/2024

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Electrician	\$36.00		\$7.55	\$9.83	\$0.61	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$57.99	\$75.99
Apprentice	Percent											
1st period 0 - 1000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.72	\$30.00
2nd period 1001-2000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.72	\$30.00
3rd period 2001-3500 hrs	50.00	\$18.00	\$7.05	\$4.92	\$0.31	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00	\$32.28	\$41.28
4th period 3501-5000 hrs	52.00	\$18.72	\$7.07	\$5.11	\$0.32	\$0.00	\$2.08	\$0.00	\$0.00	\$0.00	\$33.30	\$42.66
5th period 5001-6500 hrs	62.00	\$22.32	\$7.17	\$6.10	\$0.38	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$38.45	\$49.61
6th period 6501-8000 hrs	77.00	\$27.72	\$7.32	\$7.57	\$0.47	\$0.00	\$3.08	\$0.00	\$0.00	\$0.00	\$46.16	\$60.02

**Special Calculation Note :** Other: Contractor Administrative Fund (Western Ohio Electrical Contractors Administration Fund (WOECAF))

**Ratio :**

1 to 3 Journeymen to 4 Apprentices  
4 to 6 Journeymen to 8 Apprentices

**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 :**

# Prevailing Wage Rate Skilled Crafts

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

Change # : LCN01-2024ibLoc82in

Craft : Electrical Effective Date : 10/30/2024 Last Posted : 10/30/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$36.00		\$7.55	\$8.75	\$0.61	\$0.00	\$4.00	\$1.08	\$0.00	\$0.00	\$57.99	\$75.99
CE-3 10,001-12,000	\$27.05		\$6.67	\$0.81	\$0.87	\$0.00	\$0.81	\$0.00	\$0.00	\$0.10	\$36.31	\$49.84
CE-2 9,001-10,000 Hrs	\$21.64		\$6.67	\$0.65	\$0.87	\$0.00	\$0.65	\$0.00	\$0.00	\$0.10	\$30.58	\$41.40
CE-1 8,001-9,000 Hrs	\$19.83		\$6.67	\$0.59	\$0.87	\$0.00	\$0.59	\$0.00	\$0.00	\$0.10	\$28.65	\$38.57
CW-4 6,001-8,000 Hrs	\$18.03		\$6.67	\$0.54	\$0.87	\$0.00	\$0.54	\$0.00	\$0.00	\$0.10	\$26.75	\$35.77
CW-3 4,001-6,000 Hrs	\$16.23		\$6.67	\$0.49	\$0.87	\$0.00	\$0.49	\$0.00	\$0.00	\$0.10	\$24.85	\$32.97
CW-2 2,001-4,000 Hrs	\$15.33		\$6.67	\$0.46	\$0.87	\$0.00	\$0.46	\$0.00	\$0.00	\$0.10	\$23.89	\$31.56
CW-1 0-2,000 Hrs	\$14.42		\$6.67	\$0.43	\$0.87	\$0.00	\$0.43	\$0.00	\$0.00	\$0.10	\$22.92	\$30.13
<b>Apprentice</b>	<b>Percent</b>											
1st period 0 - 1000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$22.22	\$30.50
2nd period 1001-2000 hrs	46.00	\$16.56	\$4.18	\$0.70	\$0.28	\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$22.22	\$30.50
3rd period 2001-3500 hrs	50.00	\$18.00	\$7.05	\$4.38	\$0.31	\$0.00	\$2.00	\$0.54	\$0.00	\$0.00	\$32.28	\$41.28
4th period 3501-5000 hrs	52.00	\$18.72	\$7.07	\$4.55	\$0.32	\$0.00	\$2.08	\$0.56	\$0.00	\$0.00	\$33.30	\$42.66



5th period 5001-6500 hrs	62.00	\$22.32	\$7.17	\$5.43	\$0.38	\$0.00	\$2.48	\$0.67	\$0.00	\$0.00	\$38.45	\$49.61
6th period 6501-8000 hrs	77.00	\$27.72	\$7.32	\$6.64	\$0.47	\$0.00	\$3.08	\$0.83	\$0.00	\$0.00	\$46.06	\$59.92

**Special Calculation Note :** Other: National Electrical Benefit Fund  
Misc: Administrative Fees

**Ratio :**

1 to 3 Journeymen to 4 Apprentices  
4 to 6 Journeymen to 8 Apprentices

**Jurisdiction ( \* denotes special jurisdictional note ) :**

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

**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 :** 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 :**



# Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 82 Lightning Rod

Change # : LCN02-2022ibLoc82

Craft : Electrical Effective Date : 12/05/2022 Last Posted : 11/23/2022

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Lightning Rod Technican	\$32.79	\$7.45	\$9.58	\$0.00	\$0.00	\$3.50	\$0.00	\$0.00	\$0.00	\$53.32	\$69.71

**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 :**

# Prevailing Wage Rate Skilled Crafts

Name of Union: **Electrical Local 82 Voice Data Video**

Change # : **LCN01-2023ibLoc82VDV**

Craft : **Voice Data Video** Effective Date : **11/27/2023** Last Posted : **11/22/2023**

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Installer Technician A	\$27.70		\$6.70	\$6.83	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.76	\$55.61
Electrical Installer Technician B	\$26.32		\$6.70	\$6.79	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.31	\$53.47
JW Installer Technician	\$24.93		\$6.70	\$6.75	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.85	\$51.32
NON BICSI Installer	\$18.01		\$3.94	\$0.54	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.83	\$31.83
Apprentice	Percent											
1st 0-1000 hours	55.00	\$15.24	\$3.94	\$3.76	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.23	\$30.84
2nd 1001-2000 hours	55.00	\$15.24	\$3.94	\$3.76	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.23	\$30.84
3rd 2001-3000 hours	65.00	\$18.00	\$6.65	\$4.44	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.44	\$38.44
4th 3001-4000 hours	65.00	\$18.00	\$6.65	\$4.44	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.44	\$38.44
5th 4001-5000 hours	75.00	\$20.77	\$6.66	\$6.62	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.45	\$44.83
6th 5001-6000 hours	75.00	\$20.77	\$6.66	\$6.62	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.45	\$44.83
7th 6001-7000 hours	80.00	\$22.16	\$6.67	\$6.66	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.91	\$46.99
8th 7001 hours	80.00	\$22.16	\$6.67	\$6.66	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35.91	\$46.99
Cable Puller	50.00	\$13.85	\$3.94	\$0.42	\$0.26	\$0.00	\$0.25	\$0.00	\$0.00	\$0.00	\$18.72	\$25.65

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

**Ratio :**

1 Journeymen to 2 Apprentice

**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 :**

Work covered but not limited to: installation which utilize transmission and/or transference of voice, sound, vision or digital for commercial, education, security and entertainment purposes for the following:

TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multimedia, multiplex, nurse call system, radio page, school intercom, sound and low voltage master clock systems.

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

All HVAC control work is not covered by this wage rate but by the Inside Electrical wage rate.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Elevator Local 11

Change # : LCN01-2024ibLoc11

Craft : Elevator Effective Date : 06/12/2024 Last Posted : 06/12/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Elevator Mechanic	\$55.01		\$16.17	\$10.86	\$0.75	\$4.40	\$10.10	\$2.07	\$0.00	\$0.00	\$99.36	\$126.86
Probationary Apprentice	50.01	\$27.51	\$0.00	\$0.00	\$0.00	\$1.65	\$0.00	\$0.00	\$0.00	\$0.00	\$29.16	\$42.92
1st year	55.00	\$30.26	\$16.17	\$10.86	\$0.75	\$1.81	\$10.10	\$1.13	\$0.00	\$0.00	\$71.08	\$86.20
2nd year	65.00	\$35.76	\$16.17	\$10.86	\$0.75	\$2.14	\$10.10	\$1.34	\$0.00	\$0.00	\$77.12	\$94.99
3rd year	70.00	\$38.51	\$16.17	\$10.86	\$0.75	\$2.31	\$10.10	\$1.45	\$0.00	\$0.00	\$80.15	\$99.40
4th year	80.00	\$44.01	\$16.17	\$10.86	\$0.75	\$2.64	\$10.10	\$1.65	\$0.00	\$0.00	\$86.18	\$108.18
Helper	70.00	\$38.51	\$16.17	\$10.86	\$0.75	\$3.08	\$10.10	\$1.45	\$0.00	\$0.00	\$80.92	\$100.17
Assistant Mechanic	80.00	\$44.01	\$16.17	\$10.86	\$0.75	\$3.52	\$10.10	\$1.65	\$0.00	\$0.00	\$87.06	\$109.06

**Special Calculation Note :** Other: Holiday Pay

**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

**Jurisdiction ( \* denotes special jurisdictional note ) :**

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

**Special Jurisdictional Note :**

**Details :**

# Prevailing Wage Rate Skilled Crafts

Name of Union: Glazier Local 387

Change # : LCN01-2024ibLoc387

Craft : Glazier Effective Date : 11/01/2024 Last Posted : 10/30/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Glazier	\$33.85		\$6.50	\$11.60	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.40	\$69.32
Apprentice	Percent											
1st Year	65.00	\$22.00	\$6.50	\$8.15	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.10	\$48.10
2nd Year	75.00	\$25.39	\$6.50	\$9.14	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.48	\$54.17
3rd Year	85.00	\$28.77	\$6.50	\$10.12	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.84	\$60.23
4th Year	95.00	\$32.16	\$6.50	\$11.11	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.22	\$66.30

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

**Ratio :**

Each employer may employ and train Apprentices in the following ratio to journeymen workers employed.  
1 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ADAMS, BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, FAYETTE\*, GREENE, HAMILTON, HIGHLAND, MIAMI, MONTGOMERY, PREBLE, 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.

**Details :**



# Prevailing Wage Rate Skilled Crafts

Name of Union: Ironworker Local 290

Change # : LCN01-2024ibLoc290

Craft : Ironworker Effective Date : 06/05/2024 Last Posted : 06/05/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Ironworker Structural	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Welder	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Fence Erector	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Reinforcing Rods	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Machinery Mover	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Sheeter	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Metal Building Erector	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
Rigger & Erector	\$35.39		\$9.20	\$9.50	\$0.65	\$0.00	\$5.00	\$0.01	\$0.00	\$0.00	\$59.75	\$77.45
<b>Apprentice</b>	<b>Percent</b>											
1st Year	64.22	\$22.73	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$45.59	\$56.95
2nd Year	74.22	\$26.27	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$49.13	\$62.26
3rd Year	84.22	\$29.81	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$52.67	\$67.57
4th Year	94.24	\$33.35	\$9.20	\$9.50	\$0.65	\$0.00	\$3.50	\$0.01	\$0.00	\$0.00	\$56.21	\$72.89

**Special Calculation Note :** Other is for Industry Fund.

**Ratio :**

1 Journeyman 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 County 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.

Reinforcing Iron Worker but not limited to: work in connection with field fabrication, handling, racking, sorting, cutting, bending, hoisting, placing, burning, welding and tying all materials used to reinforce concrete construction, except loading and unloading by hand. Re-aligning of the reinforced iron, wire mesh placing, bricking, pulling and similar reinforcing materials, placing steel dowels, as well as re-fasten. Reinforcing steel and wire mesh in roadways and sidewalks in connection with building construction. Also, erection and fabrication of pre-connection with building construction, also erection and fabrication of pre-stressed and precast

joists, beams, columns, slabs; walls, roofs, tanks, manholes, trenches and covers. Handling of "J" or jack bars on slip forms. Metal decking similar to "corruforn" when used for floor forms over metal or concrete supports either welded or clipped. Post tension, all loading and unloading, hoisting, placing and tying of all post tensioning cables. Placing and tying of all duct work in bonded post tension. All of the wrecking of cones, wedging of the tendons, stressing, cutting, repairing and grouting of bonded post tension.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Ironworker Local 44

Change # : LCN01-2024ibLoc44

Craft : Ironworker Effective Date : 07/17/2024 Last Posted : 07/17/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Ironworker Reinforcing	\$35.87		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.47	\$77.40
Structural	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Ornamental	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Machine Mover/Rigger	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Conveyer Mechanic	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Maintenance/Heavy Hwy	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Welder A	\$35.62		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.22	\$77.03
Welder B	\$35.87		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$59.47	\$77.40
Sheeter	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
Fence Erector	\$33.60		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$57.20	\$74.00
Ironworker	\$35.37		\$9.20	\$9.50	\$0.60	\$0.00	\$4.30	\$0.00	\$0.00	\$0.00	\$58.97	\$76.65
1st yr A	60.00	\$21.52	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$41.90	\$52.66
1st yr B	65.00	\$23.32	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$43.70	\$55.35
2nd yr A	70.00	\$25.11	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$45.49	\$58.04
2nd yr B	75.00	\$26.90	\$9.20	\$9.50	\$0.60	\$0.00	\$1.08	\$0.00	\$0.00	\$0.00	\$47.28	\$60.73
3rd yr A	80.00	\$28.70	\$9.20	\$9.50	\$0.60	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$50.15	\$64.49
3rd yr B	85.00	\$30.49	\$9.20	\$9.50	\$0.60	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$51.94	\$67.18
4th yr A	90.00	\$32.28	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$54.81	\$70.95
4th yr B	95.00	\$34.08	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$56.61	\$73.64
4th yr C	100.00	\$35.87	\$9.20	\$9.50	\$0.60	\$0.00	\$3.23	\$0.00	\$0.00	\$0.00	\$58.40	\$76.33

**Special Calculation Note :**

**Ratio :**

- 1 Journeymen to 1 Apprentice
- 2 Journeymen to 2 Apprentice
- 10 Journeymen to 10 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. 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(erection,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.

Reinforcing Iron Work but not limited to: Any work in connection with field fabrication, handling, racking, sorting, cutting, bending, hoisting, placing, burning, welding and tying of all materials used to reinforce concrete construction, except that loading and unloading by hand and carrying to a centralized point adjacent to or upon site of the project on which such materials are to be used. Realigning of reinforcing iron, wire mesh placing, bricking, pulling and similar reinforcing materials, placing steel dowels, as well as refastening and resetting same while concrete is being poured. Reinforcing steel and wire mesh in roadways and sidewalks in connection with building construction, also erection and fabrication of preconnection with building construction, also erection and fabrication of prestressed and precast joist, beams, columns, and slabs, walls, roofs, tanks, manholes, trenches and covers. The handling and placing of "J" of Jack bars on slip form construction; the placing of all clips, bolts, steel rods and wire fabric or mesh pertaining to gunite construction; the placing of steel-tex or paper-back mesh used for reinforcing and placing wire mesh to reinforce gypsum roof construction. Metal decking similar "corruflex" used for floor forms over metal or concrete supports whether welded or clipped. Post tension. All loading and unloading, hoisting, placing and tying of all post tensioning cables. Wrecking of cones, wedging of tendons, stressing, cutting and repairing.

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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Labor Local 534 Building

Change # : LCN01-2024ibLoc534

Craft : Laborer Effective Date : 06/12/2024 Last Posted : 06/12/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Laborer Group 1	\$32.49		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.09	\$63.34
Laborer Group 2	\$32.59		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.19	\$63.49
Laborer Group 3	\$32.69		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.29	\$63.64
Laborer Group 4	\$32.82		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.42	\$63.83
Laborer Group 5	\$33.07		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.67	\$64.20
Laborer Group 6	\$32.84		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.44	\$63.86
Laborer Group 7	\$32.04		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$46.64	\$62.66
<b>Apprentice</b>	<b>Percent</b>											
0-1000 hrs	80.00	\$25.99	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$40.59	\$53.59
1001-2000 hrs	85.00	\$27.62	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$42.22	\$56.02
2001-3000 hrs	90.00	\$29.24	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$43.84	\$58.46
3001-4000	95.00	\$30.87	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$45.47	\$60.90
4001+	100.00	\$32.49	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$47.09	\$63.34

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

**Ratio :**

1 Journeyman to 1 Apprentice  
3 Journeyman 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



# Prevailing Wage Rate Skilled Crafts

Name of Union: Labor Hwy 3

Change # : LCN01-2024ibLocalHwy3

Craft : Laborer Group 1 Effective Date : 05/01/2024 Last Posted : 05/01/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Laborer Group 1	\$35.52		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.12	\$67.88
Group 2	\$35.69		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.29	\$68.13
Group 3	\$36.02		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.62	\$68.63
Group 4	\$36.47		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$51.07	\$69.30
Watch Person	\$28.25		\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$42.85	\$56.98
<b>Apprentice</b>	<b>Percent</b>											
0-1000 hrs	60.00	\$21.31	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$35.91	\$46.57
1001-2000 hrs	70.00	\$24.86	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$39.46	\$51.90
2001-3000 hrs	80.00	\$28.42	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$43.02	\$57.22
3001-4000 hrs	90.00	\$31.97	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$46.57	\$62.55
More than 4000 hrs	100.00	\$35.52	\$8.40	\$4.15	\$0.45	\$0.00	\$1.50	\$0.00	\$0.10	\$0.00	\$50.12	\$67.88

**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 perform work as per the October 31, 1949, memorandum on concrete forms, by and between the United Brotherhood of Carpenters 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 members 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), Yarnier, 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, Guniting 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.





1st Year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd Year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd Year	70.00	\$30.90	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
4th Year	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57

**Special Calculation Note :** Other: Education & Safety

Misc: National Training

**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 apprentice, while employed as part of a crew per Article VIII, paragraph 78, will not be subject to the apprenticeship ratios in this collective bargaining agreement

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, 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, 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 :**

Note: There will be a 10% increase for the apprentices on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% increase if required to have CDL

Group A- Barrier Moving Machines; 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); Compact Cranes, track or rubber over 4,000 pounds capacity; Cranes self-erecting, stationary, track or truck (all configurations); Derricks (all types); Draglines; Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Forklift (rough terrain with winch/hoist); Gradalls; Helicopter Operators, hoisting building materials; Helicopter Winch Operators, Hoisting building materials; Hoes (All types); Hoists (with two or more drums in use); Horizontal Directional Drill; Hydraulic Gantry (lift system); Laser Finishing Machines; Laser Screed and like equipment; Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Operator/Technician(Mechanic Operator/Technician 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; Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Trench Machines (over 24" wide); Tug Boats.

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



Rotomills (all), grinders and planers of all types.

Group C - 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 Drills - all types (with integral power); Hoists (with one drum); House Elevators (except those automatic call button controlled), Buck Hoists, Transport Platforms, Construction Elevators; Hydro Vac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Man Lifts; Material hoist/elevators; 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); Rotovator (Lime-Soil Stabilizer); Submersible Pumps (4" and over discharge); Switch & Tie Tampers (without lifting and aligning device); Trench Machines (24" and under); Utility Operators.

Group D - Backfillers and Tampers; Ballast Re-locator; Batch Plant Operators; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Clefplanes; Compressors, on building construction; Concrete Mixers, more than one bag capacity; Concrete Mixers, one bag capacity (side loaders); All Concrete Pumps (without boom with 4" or smaller system); Concrete Spreader; Conveyors, used for handling building materials; Crushers; Deckhands; Drum Fireman (in asphalt plants); Farm type tractors pulling attachments; Finishing Machines; Form Trenchers; Generators: Gunitite Machines; Hydro-seeders; Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Pressure Pumps (over 1/2" discharge); Road Widening Trenchers; Rollers (except asphalt); Self-propelled sub-graders; Shotcrete Machines; Tire Repairmen; Tractors, pulling sheepsfoot post roller or grader; VAC/ALLS; Vibratory Compactors, with integral power; Welders.

Group E – Allen Screed Paver (concrete); Boilers (less than 15 lbs. pressure); Cranes-Compact, track or rubber (under 4,000 pounds capacity); Directional Drill "Locator"; Fueling and greasing +\$3.00; 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); Signalperson, Submersible Pumps (under 4" discharge).

Master Mechanics - Master Mechanic

Cranes 150' – 180' - Boom & Jib 150 - 180 feet

Cranes 180' – 249' - Boom & Jib 180 - 249 feet

Cranes 250' and over - Boom & Jib 250-feet or over





1st year	50.00	\$22.07	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$38.67	\$49.71
2nd year	60.00	\$26.48	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$43.08	\$56.33
3rd year	70.00	\$30.90	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$47.50	\$62.95
4th year	80.00	\$35.31	\$9.26	\$6.25	\$0.90	\$0.00	\$0.00	\$0.09	\$0.00	\$0.10	\$51.91	\$69.57

**Special Calculation Note :** Other: Education & Safety Fund  
Misc: National Training

**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 Apprentice, while employed as part of a crew per Article VIII, paragraph 65 will not be subject to the apprenticeship ratios in this collective bargaining agreement

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, 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 A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges 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; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (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); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - 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; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and



over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B; Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); HydroVac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D – Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000 pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.

Master Mechanic - Master Mechanic

Cranes and Mobile Concrete Pumps 150' -179' - Boom & Jib 150 - 179 feet

Cranes and Mobile Concrete Pumps 180' - 249' - Boom & Jib 180 - 249 feet

Cranes and Mobile Concrete Pumps 250' and over - Boom & Jib 250 feet or over

# Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Locals 123 & 238

Change # : LCN01-2024ibLoc123-238

Craft : Drywall Finisher Effective Date : 05/01/2024 Last Posted : 05/01/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Drywall Finisher	\$28.29		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Tapers and Finishers	\$28.29		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Apprentice	Percent											
1st Year	65.00	\$18.39	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.50	\$36.69
2nd Year	70.00	\$19.80	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.91	\$38.81
3rd Year	80.00	\$22.63	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.74	\$43.06
4th Yea	90.00	\$25.46	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57	\$47.30

**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-Guard Rails- 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 123 & 238 Hvy Hwy

Change # : LCN01-2024ibLoc123

Craft : Painter Effective Date : 05/01/2024 Last Posted : 05/01/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Bridge Class 1	\$38.68		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.69	\$72.03
Bridge Painter, Rigger, Containment Builder, Spot Blaster Class 2	\$31.68		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control, Boat Person Class 3	\$31.68		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Concrete Sealing, Concrete Blasting/Power Washing, Etc. Class 4	\$31.68		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
Quality Control/Quality Assurance, Traffic Safety, Competent Person Class 5	\$31.68		\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.69	\$61.53
<b>Apprentice</b>	<b>Percent</b>											
1st Year	65.00	\$25.14	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.25	\$46.82
2nd Year	70.00	\$27.08	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.19	\$49.72
3rd Year	80.00	\$30.94	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.05	\$55.53
4th Year	90.00	\$34.81	\$2.30	\$6.50	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.92	\$61.33

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

**Ratio :**

**Jurisdiction ( \* denotes special jurisdictional note ) :**



**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-Guard Rails- 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 blasting, 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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 639

Change # : LCNO1-2015fbLoc639

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

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
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, TUSCARAWAS, 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 mirror 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 639 Zone 2 Sign

Change # : LCN01-2023ibLoc639

Craft : Painter Effective Date : 03/22/2023 Last Posted : 03/22/2023

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Painter Sign Journeyman Tech/Team Leader Class A	\$25.28	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.68	\$0.00	\$0.00	\$27.87	\$40.51
Painter Sign Journeyman Tech/Team Leader Class B	\$25.28	\$1.70	\$0.21	\$0.00	\$0.49	\$0.00	\$0.68	\$0.00	\$0.00	\$28.36	\$41.00
Painter Sign Journeyman Tech/Team Leader Class C	\$25.28	\$1.70	\$0.21	\$0.00	\$0.97	\$0.00	\$0.68	\$0.00	\$0.00	\$28.84	\$41.48
Painter Sign Journeyman Tech/Team Leader Class D	\$25.28	\$1.70	\$0.21	\$0.00	\$1.46	\$0.00	\$0.68	\$0.00	\$0.00	\$29.33	\$41.97
Sign Journeyman Class A	\$25.00	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.67	\$0.00	\$0.00	\$27.58	\$40.08
Sign Journeyman Class B	\$25.00	\$1.70	\$0.21	\$0.00	\$0.48	\$0.00	\$0.67	\$0.00	\$0.00	\$28.06	\$40.56
Sign Journeyman Class C	\$25.00	\$1.70	\$0.21	\$0.00	\$0.96	\$0.00	\$0.67	\$0.00	\$0.00	\$28.54	\$41.04
Sign Journeyman Class D	\$25.00	\$1.70	\$0.21	\$0.00	\$1.44	\$0.00	\$0.67	\$0.00	\$0.00	\$29.02	\$41.52
Tech Sign Fabrication/ Erector Class A	\$19.67	\$1.70	\$0.21	\$0.00	\$0.00	\$0.00	\$0.53	\$0.00	\$0.00	\$22.11	\$31.95

Tech Sign Fabrication/ Erector Class B	\$19.67	\$1.70	\$0.21	\$0.00	\$0.38	\$0.00	\$0.53	\$0.00	\$0.00	\$22.49	\$32.33
Tech Sign Fabrication/ Erector Class C	\$19.67	\$1.70	\$0.21	\$0.00	\$0.76	\$0.00	\$0.53	\$0.00	\$0.00	\$22.87	\$32.71
Tech Sign Fabrication/ Erector Class D	\$19.67	\$1.70	\$0.21	\$0.00	\$1.13	\$0.00	\$0.53	\$0.00	\$0.00	\$23.24	\$33.08

**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, WYANDOT

**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.



# Prevailing Wage Rate Skilled Crafts

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

**Change # : LCN01-2024ibLoc123ComInd**

**Craft : Painter Effective Date : 05/01/2024 Last Posted : 05/01/2024**

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Painter Brush Roll	\$28.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Paper Hanger	\$28.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.30	\$56.45
Spray Painter	\$28.79	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.80	\$57.20
Sand Blaster Water Blaster	\$29.04	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.05	\$57.57
Elevated Tanks	\$29.29	\$6.50	\$7.20	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.30	\$57.95
Apprentice	Percent										
1st Year	65.00	\$18.39	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$27.50	\$36.69
2nd Year	70.00	\$19.80	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$28.91	\$38.81
3rd Year	80.00	\$22.63	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$31.74	\$43.06
4th Year	90.00	\$25.46	\$6.50	\$2.30	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$34.57	\$47.30

**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-Guard Rails- 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.

# Prevailing Wage Rate Skilled Crafts

Name of Union: Plasterer Local 132 (Cincinnati)

Change # : LCN01-2024ibLoc132Cinci

Craft : Plasterer Effective Date : 07/01/2024 Last Posted : 06/26/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Plasterer	\$30.40		\$6.10	\$8.47	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$46.73	\$61.93
Apprentice	Percent											
1st 900 hours	70.00	\$21.28	\$6.10	\$0.00	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$29.14	\$39.78
2nd 900 hours	74.00	\$22.50	\$6.10	\$0.00	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$30.36	\$41.60
3rd 900 hours	78.00	\$23.71	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$39.31	\$51.17
4th 900 hours	82.00	\$24.93	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$40.53	\$52.99
5th 900 hours	86.00	\$26.14	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$41.74	\$54.82
6th 900 hours	90.00	\$27.36	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$42.96	\$56.64
7th 900 hours	94.00	\$28.58	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$44.18	\$58.46
8th 900 hours	98.00	\$29.79	\$6.10	\$7.74	\$0.70	\$0.00	\$1.00	\$0.06	\$0.00	\$0.00	\$45.39	\$60.29

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

\*Other is International Training

**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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Plumber Pipefitter Local 392

Change # : LCN01-2024ibLoc392

Craft : Plumber/Pipefitter Effective Date : 06/01/2024 Last Posted : 05/29/2024

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Plumber Pipefitter	\$40.70	\$11.08	\$14.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$0.00	\$67.45	\$87.80
Plumber Helper	\$26.46	\$10.98	\$7.40	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.73	\$58.96
Apprentice	Percent										
1st Year	52.00	\$21.16	\$10.88	\$1.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$34.71	\$45.30
2nd Year	55.00	\$22.39	\$10.88	\$1.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$35.94	\$47.13
3rd Year	58.00	\$23.61	\$10.88	\$7.90	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$43.91	\$55.71
4th Year	62.00	\$25.23	\$10.88	\$7.90	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$45.53	\$58.15
5th Year	75.00	\$30.53	\$10.88	\$14.15	\$0.89	\$0.00	\$0.00	\$0.63	\$0.00	\$57.08	\$72.34

**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 Sixteen (16) 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

# Prevailing Wage Rate Skilled Crafts

Name of Union: Roofer Local 42

Change # : LCN02-2024ibLoc42

Craft : Roofer Effective Date : 09/18/2024 Last Posted : 09/18/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Roofer	\$33.18		\$8.40	\$8.78	\$0.50	\$0.00	\$1.68	\$0.21	\$0.00	\$0.00	\$52.75	\$69.34
Tradesmen	\$26.54		\$8.40	\$7.02	\$0.00	\$0.00	\$1.68	\$0.06	\$0.00	\$0.00	\$43.70	\$56.97
Apprentice	Percent											
1st Period	65.00	\$21.57	\$8.40	\$5.71	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$37.36	\$48.14
2nd Period	70.00	\$23.23	\$8.40	\$6.15	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$39.46	\$51.07
3rd Period	80.00	\$26.54	\$8.40	\$7.02	\$0.00	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00	\$43.64	\$56.92

**Special Calculation Note :** Other is for Training Fund

**Ratio :**

2 Journeymen to 1 Apprentice

**Jurisdiction ( \* denotes special jurisdictional note ) :**

ADAMS, BROWN, BUTLER, CLERMONT,  
HAMILTON, PIKE, 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.



# Prevailing Wage Rate Skilled Crafts

Name of Union: Sheet Metal Local 24 (Dayton)

Change # : LCN01-2024ibLoc24(Dayton)

Craft : Sheet Metal Worker Effective Date : 09/18/2024 Last Posted : 09/18/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
<b>Classification</b>												
Sheet Metal Worker	\$33.76		\$9.86	\$15.30	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60.02	\$76.90
<b>Apprentice</b>												
	<b>Percent</b>											
1st Year (Probationary Period)	60.00	\$20.26	\$9.20	\$5.45	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.01	\$46.13
2nd Year	65.00	\$21.94	\$9.28	\$6.69	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.01	\$49.99
3rd Year	75.00	\$25.32	\$9.45	\$9.15	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.02	\$57.68
4th Year	85.00	\$28.70	\$9.62	\$11.60	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.02	\$65.36

**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 ) :**

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

**Special Jurisdictional Note :**

**Details :**

# Prevailing Wage Rate Skilled Crafts

Name of Union: Sprinkler Fitter Local 669

Change # : LCN01-2022sksLoc669

Craft : Sprinkler Fitter Effective Date : 04/06/2022 Last Posted : 04/06/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Sprinkler Fitter	\$43.75		\$10.99	\$7.10	\$0.52	\$0.00	\$5.12	\$0.00	\$0.00	\$0.00	\$67.48	\$89.35
Apprentice Indentured after April 1, 2013	Percent											
CILASS 1	45.00	\$19.69	\$7.85	\$0.00	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.06	\$37.90
CLASS 2	50.02	\$21.88	\$7.85	\$0.00	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.25	\$41.20
CLASS 3	54.43	\$23.81	\$10.99	\$7.10	\$0.52	\$0.00	\$1.15	\$0.00	\$0.00	\$0.00	\$43.57	\$55.48
CLASS 4	59.43	\$26.00	\$10.99	\$7.10	\$0.52	\$0.00	\$1.15	\$0.00	\$0.00	\$0.00	\$45.76	\$58.76
CLASS 5	64.43	\$28.19	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$48.20	\$62.29
CLASS 6	69.43	\$30.38	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$50.39	\$65.57
CLASS 7	74.43	\$32.56	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$52.57	\$68.85
CLASS 8	79.42	\$34.75	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$54.76	\$72.13
CLASS 9	84.43	\$36.94	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$56.95	\$75.42
CLASS 10	89.44	\$39.13	\$10.99	\$7.10	\$0.52	\$0.00	\$1.40	\$0.00	\$0.00	\$0.00	\$59.14	\$78.70

**Special Calculation Note :**

**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.



# Prevailing Wage Rate Skilled Crafts

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

**Change # : LCN01-2024ibBldgHevHwy**

**Craft : Truck Driver Effective Date : 05/01/2024 Last Posted : 05/01/2024**

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Truck Driver CLASS 1 4 wheel service, dump, and batch trucks; drivers on tandems; truck sweepers (not to include power sweepers & scrubbers)	\$31.84		\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.84	\$65.76
Apprentice	Percent											
First 6 months	80.00	\$25.47	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.47	\$56.21
7-12 months	85.00	\$27.06	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.06	\$58.60
13-18 months	90.00	\$28.66	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.66	\$60.98
19-24 months	95.00	\$30.25	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.25	\$63.37
25-30 months	100.00	\$31.84	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.84	\$65.76

**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,  
COSHOCOTON, 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 :**



# Prevailing Wage Rate

## Skilled Crafts

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

**Change # :** LCN01-2024ibBldgHevHwy

**Craft :** Truck Driver Effective Date : 05/01/2024 Last Posted : 05/01/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Truck Driver CLASS 2 Tractor Trailer-Semi Tractor Trucks; Pole Trailers; Ready Mix Trucks; Fuel Trucks; 5 Axle & Over; Belly Dumps; Low boys - Heavy duty Equipment(irrespective of load carried) when used exclusively for transportation; Truck Mechanics (when needed)	\$32.26		\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.26	\$66.39
Apprentice	Percent											
First 6 months	80.00	\$25.81	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.81	\$56.71
7-12 months	85.00	\$27.42	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.42	\$59.13
13-18 months	90.00	\$29.03	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.03	\$61.55
19-24 months	95.00	\$30.65	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.65	\$63.97
25-30 months	100.00	\$32.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50.26	\$66.39

**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 :**

# Prevailing Wage Rate Skilled Crafts

**Name of Union:** Truck Driver Bldg & HevHwy Class 3  
Locals 20,40,92,92b,100,175,284,438,377,637,908,957

**Change # :** LCN01-2024ibBldgHevHwy3

**Craft :** Truck Driver Effective Date : 05/01/2024 Last Posted : 05/01/2024

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Truck Driver CLASS 3 Articulated Dump Trucks; Ridge-Frame Rock Trucks; Distributor Trucks)	\$33.26		\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.26	\$67.89
<b>Apprentice</b>	<b>Percent</b>											
First 6 months	80.00	\$26.61	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.61	\$57.91
7-12 months	85.00	\$28.27	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.27	\$60.41
13-18 months	90.00	\$29.93	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.93	\$62.90
19-24 months	94.96	\$31.58	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.58	\$65.38
25-30 months	100.00	\$33.26	\$8.00	\$9.60	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.26	\$67.89

**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 :**

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**Details :**

***SECTION M***

***SPECIAL PROVISIONS/TECHNICAL  
SPECIFICATIONS***



**MASON-MORROW-MILLGROVE ROAD  
BRIDGE #38-0.37 REPLACEMENT PROJECT  
SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

The 2023 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, the City of Mason, and GCWW 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, the City of Mason, GCWW, 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.

**MASON-MORROW-MILLGROVE ROAD  
BRIDGE #38-0.37 REPLACEMENT PROJECT  
SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

**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. It is anticipated that construction will start on Tuesday, May 27<sup>th</sup>, 2025 based on discussions with the Mason and Kings school districts.

**Completion Time**

All work shall be completed within 16 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. Liquidated damages for non-completion beyond the 16 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 incimate 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. This is an OPWC project with State funds, so estimates will be reviewed by the County Engineer and then sent to OPWC for review. OPWC will make direct payments to the Contractor for their portion of the construction costs.

**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.

**MASON-MORROW-MILLGROVE ROAD  
BRIDGE #38-0.37 REPLACEMENT PROJECT  
SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS**

**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.

**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.

**Instream Work**

Instream work shall be limited as much as possible within the limits of construction for the project. Access will be necessary for minor grading, placement of RCP, relocation of water main, and for forming of the concrete bridge deck. The instream work is covered under Nation Wide Permit 3(a) Maintenance.

**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.

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**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.

**Duke Energy Pole ID# 16W-216E**

The existing power pole located at Station 7+75; Rt., shall not be disturbed or have the current cover around the pole reduced during the construction of the shared use path. See plan note on Sheet 44. For a distance of 5 feet before and after the pole, the back slope of the proposed ditch for the shared use path shall be constructed with a steeper slope to avoid any cuts in the vicinity of the pole.

**Proposed Guardrail Over Utilities**

The proposed guardrail crosses over the existing gas main on the southwest approach as well as the proposed water main on the northeast approach. The Contractor shall locate both utilities prior to installing these sections of guardrail and may need to hand dig a single post along each run of guardrail.

**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.

**Restoration of Areas Disturbed by Drainage Facilities**

Soil areas disturbed by construction of underdrains, trench drains, catch basins or other drainage facilities shall be regraded to drain properly and then restored. The cost of restoration of these soil areas is to be per the unit bid for the pertinent item. Pavement areas disturbed by the construction of the drainage facilities will be restored as per the pertinent asphalt typical section. Payment for the restoration of these areas will be at the unit bid price for the pertinent item.

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**Conduit, Drainage and Utility Items**

Unless otherwise specified on the plans, the unit price bid for the pertinent conduit, drainage and/or utility item shall include the cost of all-necessary appurtenances, connections, fittings, plugs, tees, collars, etc.

Unless otherwise noted on the plans, the unit price for the pertinent conduit, drainage and/or utility item is to include the costs involved in the excavation of the trench in unclassified material, the supplying and placing of the required bedding material and the backfilling of the trench with the specified material to the appropriate subgrade elevations.

The contractor shall take precaution while excavating for pipe near existing utilities. If necessary, the contractor shall hand dig in areas where proposed pipe is to be installed 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.

**Bedding and Backfill**

All bedding and backfill shall be in strict accordance with the specification of ODOT Item 611 for the type of conduit specified. In the case of **Water Transmission and Distribution Lines, Storm Sewer, and Sanitary Sewer facilities**, granular material, Type 1 and Type 3, shall be used to backfill the trench from the bottom of the trench to a maximum distance of twelve (12) inches above the top of the facility within one (1) foot of the subgrade. The granular material **MUST** be properly compacted and tested to ensure minimal settlement of the trench. Payment for the work listed above shall be included in the price of Item 611.

**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 he 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.



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**Description of Work**

The Contractor shall perform the bridge replacement and associated roadway improvement items along Mason-Morrow-Millgrove Road, shared use path extension, and water main relocation according to the plans and specifications.

**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 remove approximately 4 trees and perform some tree trimming around the bridge for the crane work. Payment for the work listed above shall be included in the Lump Sum bid price for Item 201 Clearing and Grubbing.

**Item 202 – Removals**

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, 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 condition of the beams when planning means and methods of removing asphalt wearing surface due to the deteriorated condition of the beams. 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, As Per Plan.

**Existing Bridge Plans**

The Warren County Engineer can provide the existing bridge plans to the Contractor at their request.

**Report of Geotechnical Exploration**

The Warren County Engineer can provide the geotechnical report for the associated project to the Contractor at their request.

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**Item 407 – Tack Coat, Trackless Tack**

Item 407 Tack Coat, Trackless Tack “NTSS-1HM” 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 or shared use path 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, Trackless Tack.

**Asphalt Concrete**

All material furnished and work performed shall conform to the 2023 Ohio Department of Transportation Construction and Material Specifications (ODOT CMS) for Item 301 Asphalt Concrete Base, Item 441 Asphalt Concrete Surface Course, Item 442 Asphalt Concrete Intermediate Course, and Item 826 Asphalt Concrete Surface 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, Item 441, Item 442, and Item 826.

Butt Joints - 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 826 Asphalt Concrete Surface Course.

**Item 503 – Unclassified Excavation, As Per Plan**

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.

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**Item 511 – Class QC 1 Concrete, Abutment Including Footing**

The Contractor shall be responsible for all the labor and material necessary in constructing the abutments and footings 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 = 4,000 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 Including Footing.

**Item 511 – Class QC 2 Concrete, Bridge Deck**

The Contractor shall be responsible for all the labor and material necessary in constructing the concrete bridge deck 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 = 4,500 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, Bridge Deck.

**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 = 4,500 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. Payment for the work listed above shall be included in the bid price per CY for Item 511 Class QC 2 Concrete, Superstructure.

**Item 511 – Class QC 2 Concrete, Sidewalk**

The Contractor shall be responsible for all the labor and material necessary in constructing the concrete sidewalk 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 = 4,500 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. Payment for the work listed above shall be included in the bid price per CY for Item 511 Class QC 2 Concrete, Sidewalk.

**Item 512 - Sealing of Concrete Surfaces (Epoxy Urethane)**

The Contractor shall seal portions of the concrete I-beams, concrete bridge deck, and concrete barrier as detailed in the plans as well as all exposed portions of the concrete abutments with an epoxy urethane sealant after the concrete has cured. The sealing of concrete surfaces shall be in

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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 and approach slabs 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 – Draped Strand Prestressed Concrete Bridge I-Beam Members, Level 3,  
Type WF42-49**

The Contractor shall be responsible for all the equipment, materials, and labor necessary in setting the five (5) – Type WF42-49, Draped Strand Prestressed Concrete Bridge I-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 PSID-1-13 (sheets 1-10) dated 1-18-13. Shop drawings shall be submitted to Roy Henson, Warren County Engineer's Office, 210 W. Main Street, Lebanon, Ohio 45036 (Roy.Henson@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 Draped Strand Prestressed Concrete Bridge I-Beam Members, Level 3, Type WF42-49 .

**Item 526 – Reinforced Concrete Approach Slabs**

The Contractor shall be responsible for all the labor and material necessary in constructing the reinforced concrete approach slabs as detailed in the plans. Concrete shall be Class "QC 2" (28 day compressive strength = 4,500 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. Payment for the work listed above shall be included in the bid price per SY for Item 526 Reinforced Concrete Approach Slabs.

**Item Special – Steel Drip Strip**

The Contractor shall install steel drip strip on the right side 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 Special Steel Drip Strip.

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**Item 607 – Fence, Temporary Chain Link**

The Contractor shall furnish and install a six (6) foot tall temporary chain link construction fence as directed by the City of Mason to secure their water reclamation plant at all times during construction of the project. The Contractor shall remove all temporary fencing once permanent fencing is in place and the area is secure. Payment for this work shall be included in the bid price per FT for Item 607 Fence, Temporary Chain Link.

**Item 611 - Pipe Culverts, Sewers, Drains, and Drainage Structures**

**All work associated with drainage items shall consist of the work as described in Item 611 Pipe Culverts, Sewers, Drains, and Drainage Structures, except as herein modified. The following items will not be required: Installation Plan, Construction Inspection Forms, Performance Inspections and Reports, and Conduit and Drainage Structure Evaluations.**

This work shall consist of the construction or reconstruction of pipe culverts, sewers and drains hereinafter referred to as Type A, Type B, Type C, Type D, Type E and Type F Conduit. The work shall be in accordance with these specifications and in reasonably close conformity with the lines and grades shown on the plans or established by the Engineer. This work shall include the following: excavating for pipe and foundations for same, including clearing and grubbing and the removal of all materials necessary for placing the pipe except removals listed separately; furnishing and placing granular or concrete bedding and granular backfill as required; constructing and subsequently removing all necessary cofferdams, cribs and sheeting; pumping and dewatering; sealing or banding all pipe joints where required; furnishing and installing all necessary pipe bends and branches of a type at least equal to the conduit of which they become a part; joining to existing and proposed appurtenances as required; performing leakage tests as specified; restoration of disturbed facilities and surfaces; and providing erosion control pads and animal guards on underdrain and farm drain outlets.

The Contractor is responsible for supplying, delivering and installing the Precast Concrete Sections and the related material. All related material shall be included with the bid and shall be provided by the Contractor. The Contractor shall furnish, unload, assemble, and install the Precast Concrete Sections and all related material at the location shown on the plans. All castings for manholes, catch basins and inlets shall conform to those specified in the standard construction drawings or as specified by the Engineer. All castings which might be subject to vehicle traffic shall be of the heavy-duty grade. Grated inlet tops shall be placed as specified on the plans. Top of casting elevations are subject to final adjustments as approved by the Engineer. All castings used shall be subject to the final approval of the Engineer.

**Item 611 – Greater Cincinnati Water Works (GCWW) Work**

The Contractor shall follow the detailed plan sheets GCWW-01 through GCWW-02 located at the end of the construction plan set for the construction of the water main work associated with the project. This work is not eligible to receive OPWC state funding, so payment for this work will come directly from the Warren County Engineer.



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**Item 611 – Water Main**

The Contractor is responsible for all labor, equipment and materials to provide water main installation. Item includes conduits, valves and boxes, clean outs, fittings, excavation and preparation of trenches including placing bedding and backfill, rock excavation, temporary protections and shoring of the existing aerial utilities, pumping and dewatering, providing all joints and restraining (blocking & anchors), bends, joining to existing mains, performing necessary testing (pressure, leakage, and disinfections), and restoration of any disturbed underground facilities.

**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 Mason-Morrow-Millgrove 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 entrances and drives 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.....MASON-MORROW-MILLGROVE ROAD WILL BE CLOSED FOR 16 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.

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**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.

**Item 630 – Ohio Public Works Commission Standard Sign**

This project is partially funded through an Ohio Public Works Commission grant. Two signs shall be erected in locations designated by the Project Engineer prior to commencement of work. The Contractor shall be responsible for installing the Ohio Public Works Commission Standard Signs as detailed in the following website:

<https://publicworks.ohio.gov/programs/infrastructure/project-administration>.

This bid item includes all materials, posts, fasteners and labor require for production and installation. At the end of the project, the contractor shall deliver the signs to the owner as directed by the engineer. The sign shall be constructed using Alumacore (or approved equal) 4' x 8' substrate and a minimum 6-year vinyl material for all graphics. Payment for the work listed above shall be included in the bid price per Each for Item 630 Ohio Public Works Commission Standard Sign.

**Pavement Marking**

All pavement marking material and work shall comply with Item 641 Pavement Marking - General, Item 644 Thermoplastic Pavement Marking, and Item 646 Epoxy Pavement Marking in the 2023 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 for the bridge work and \$5,000.00 for the shared use path work.

**Item Special – As-Built Drawings – Storm Only**

As-built drawings for storm items associated with the bridge replacement and shared use path, in a pdf document with changes shown in red, are required at the completion of the project. All changes from the original drawing shall be shown on the as-builts. All major changes must be approved by the City Engineer, prior to construction. As-built drawings must include all of the following: actual locations of manholes and catch basins for all storm; actual elevations of pipe inverts, manhole lids, top of grates, window elevations and actual slopes of all piping. Drawings must also be submitted in electronic format (Auto Cad or ArcView) showing all sanitary, storm, streets, centerlines, right-of-way, parcels and contours.

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**Item Special – Contingency (Shared Use Path)**

This Item will be used in the event that there are change orders in the contract for the shared use path work. No work will be paid or recognized under this item unless agreed upon in writing by an authorized representative of the City of Mason. Any Item over the plan quantity will not be paid or recognized unless agreed upon in writing by an authorized representative of the City of Mason. Payment for this work shall be included in the bid price per Each for Item Special Contingency (Shared Use Path). This price is standard for all bidders and is set at \$1.00 Each for a total of \$40,000.00.

## **OPWC PROPOSAL NOTES – For insertion into Bid Documents (Rev 6/16)**

### **1. STEEL PRODUCTS MADE IN THE UNITED STATES**

Domestic steel use requirements as specified in Ohio Revised Code §153.011 apply to this project. Copies of §153.011 can be obtained from any of the offices of the department of administrative services or through <http://codes.ohio.gov/orc/153.011>.

### **2. UNRESOLVED FINDING FOR RECOVERY**

The Contractor affirmatively represents to the local contracting authority that it is not subject to a finding for recovery under Ohio Revised Code §9.24, or that it has taken the appropriate remedial steps required under §9.24 or otherwise qualifies under that section. The Contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the local contracting authority, or an action for recovery may be immediately commenced by the local government and/or for recovery of said funds.

### **3. OHIO WORKERS' COMPENSATION COVERAGE**

The Contractor must secure and maintain valid Ohio workers' compensation coverage until the project has been finally accepted by the local contracting authority. A certificate of coverage evidencing valid workers' compensation coverage must be submitted to the local contracting authority before the contract is executed.

The Contractor must immediately notify the local contracting authority, in writing, if it or any subcontractor fails or refuses to renew their workers' compensation coverage. Furthermore, the Contractor must notify the local contracting authority, in writing, if its or any of its subcontractor's workers' compensation policies are canceled, terminated or lapse.

The failure to maintain valid workers' compensation coverage shall be considered a breach of contract which may result in the Contractor or subcontractor being removed from the project, withholding of pay estimates and/or termination of the contract.

### **4. DRUG-FREE WORKPLACE PROGRAM**

In accordance with Ohio Revised Code §153.03 and during the life of this project, the Contractor and all its Subcontractors that provide labor on the Project site must be enrolled in and remain in good standing in the Ohio Bureau of Worker's Compensation ("OBWC") Drug-Free Workplace Program ("DFWP") or a comparable program approved by the OBWC.

### **5. OHIO PREFERENCE**

In accordance with Ohio Revised Code §164.05 (A)(6), to the extent practicable, the Contractor and subcontractor shall use Ohio products, materials, services and labor in connection with this project.

### **6. BID GUARANTY**

In accordance with Ohio Revised Code §153.54, the contractor shall file with the bid a bid guaranty in the form of either: 1) a bond for the full amount of the bid, or 2) a certified check, cashier's check, or letter of credit equal to 10% of the bid.

### **7. OHIO ETHICS LAW**

Contractor agrees that it is currently in compliance and will continue to adhere to the requirements of Ohio Ethics law as provided by Section 102.03 and 102.04 of the Ohio Revised Code.

### **8. STATE OF OHIO EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS**

#### **NOTICE TO CONTRACTORS:**

The provisions of the Ohio Administrative Code (OAC) 123:2-3-02 through 124:2-9 regarding Equal Employment Opportunity on State Construction Contracts and State-assisted Construction Contracts, and

OAC 123:2-3-02 through 123:2-9 regarding Equal Employment Opportunity and Female Utilization Goals are applicable to this project, and each contractor will be required to comply in all aspects of these provisions.



**CERTIFICATE OF COMPLIANCE FOR EEO PURPOSES:**

All prime contractors must secure a valid Certificate of Compliance from the Department of Administrative Services, Equal Opportunity Division, prior to execution of a construction contract.

See <http://www.das.ohio.gov/Divisions/EqualOpportunity/CertificateofCompliance/tabid/129/Default.aspx> for instructions for electronic filing.

>>> Does this bidder have a valid Certificate of Compliance? \_\_\_ Yes \_\_\_ No

>>> If "No" to the above, will this bidder be able to obtain a valid Certificate of Compliance prior to the execution of a contract? \_\_\_ Yes \_\_\_ No

**Bidder must provide a "Yes" answer to one or the other of the above questions.**

**BIDDER'S AFFIRMATIVE ACTION REQUIREMENTS:**

Each prime contract bidder must submit an affirmative action program regarding equal employment opportunity to and receive approval from the State Equal Employment Opportunity (EEO) Coordinator prior to the bid opening, **OR** the prime contract bidder must have evidence within its bid adoption of the minority and female utilization work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

>>> Has the prime contract bidder prepared and submitted an Affirmative Action Program to the State Equal Employment Opportunity Coordinator and that program has been approved by the State Equal Employment Opportunity Coordinator prior to the bid opening ? \_\_\_ Yes \_\_\_ No

>>>If "no", with this bid response, the prime contract bidder hereby adopts the minority and female work hour utilization goals and the specific affirmative action steps set forth in 123:2-3 through 123:2-9 of the Ohio Administrative Code.

**BIDDER'S EEO COVENANTS:**

Throughout its performance of any contract awarded to it on this State-assisted project, the prime contract 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.

(3) The contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the State Administering Agency advising the said labor union or workers' representatives of the contractor's commitments under this covenant and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of the Ohio Department of Administrative Services, Equal Opportunity Division and with the implementing rules, regulations and applicable orders of the State Equal Employment Opportunity Coordinator.

(5) The contractor agrees to fully cooperate with the State Administering Agency, the State Equal Employment Opportunity Coordinator and with any other official or agency, or the State or Federal government which seeks to eliminate unlawful employment discrimination, and with all other State and Federal efforts to assure equal employment practices under its contract and the contractor shall comply promptly with all requests and directions from the State Administering Agency, the State Equal Employment Opportunity Coordinator and any of the State of Ohio officials and agencies in this regard, both before and during construction.

(6) Full cooperation as expressed in clause (5), above, shall include, but not be limited to, being a witness and permitting employees to be witnesses and complainants in any proceeding involving questions of unlawful employment practices, furnishing all information and monthly utilization work hour reports required by the OAC 123: 2-9-01 and by the rules, regulations and orders of the State Equal Employment Opportunity Coordinator pursuant thereto, and permitting access to its books, records, and accounts by the State Administering Agency and the State Equal Employment Opportunity Coordinator for purposes of investigation to ascertain compliance with such rules, regulations and orders. Specifically, contractors will submit workforce utilization reports to the State Equal Opportunity Coordinator by the 10th of each month. The monthly reports must be electronically submitted through the following website: <http://das.ohio.gov/EOD/CCInputForm29.htm>

(7) 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 State Contracts or State-assisted Construction Contracts in accordance with procedures authorized in OAC 123:2-3 through 2-9 and such other sanctions may be instituted and remedies invoked, as provided in OAC 123:2-3 through 2-9 or by regulation, or order of the State Equal Employment Opportunity Coordinator, or as otherwise provided by law.

In the event that its contract is terminated for a material breach of OAC 123:2-3 through 2-9 the contractor shall become liable for any and all damages which shall accrue to the State Administering Agency and Applicant and the State of Ohio as a result of said breach.

(8) The contractor will require the inclusion of language reflecting these same eight 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 issued pursuant to O.A.C. 123:2-3-02 so that these provisions will be binding upon each subcontractor or vendor. The contractor will take such actions as the Administering Agency 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 State Administering Agency, the contractor may be requested to protect the interests of the State.

>>>The prime contract bidder hereby adopts the foregoing covenants ? \_\_\_Yes \_\_\_No

**BIDDER'S CERTIFICATION:**

The undersigned, being a duly authorized officer of the prime contract bidder, does hereby certify to and agree with the foregoing statements and covenants regarding its subscription to the State's Equal Employment Opportunity Requirements for State-assisted Construction Contracts.

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Signature of Authorized Officer                      Date

\_\_\_\_\_  
Title

**>>> PLEASE NOTE: Only a bidder possessing a valid certificate will be awarded a contract pursuant to Chapter 153 of the Revised Code by an owner referred to in section 153.01 of the Revised Code. Application shall be made at least ten working days prior to the date that the bidder expects to receive the certificate. The bidder's failure to elect one of the two Bidder's Affirmative Action Requirements, adopt the Bidder's EEO Covenants, and complete the foregoing certification may cause the bidder's proposal to be rejected as being non-responsive to the State's Equal Employment Opportunity Requirements and in non-compliance with the State Equal Employment Opportunity Bid Conditions. In addition, the bidder must, prior to the execution of a contract, submit to the local subdivision a valid Certificate of Compliance for Equal Employment Opportunity purposes.**



## **"APPENDIX B" OF THE STATE EEO BID CONDITIONS**

### **SPECIFIC AFFIRMATIVE ACTION STEPS**

The following Affirmative Action steps are directed at increasing minority utilization:

(1) The contractor should maintain a file of the names and addresses of each minority and female referred to it by any individual or organization and what action was taken with respect to each such referred individual, and if the individual was not employed by the contractor, and the reasons therefore. If such individual was sent to the union hiring hall for referral and not referred back by the union or if referred back by the union or if referred, not employed by the contractor, the file should document this and the reason therefore.

To Demonstrate Compliance: Maintain a file of the names, addresses, telephone numbers, and craft of each minority and female applicant showing (a) the date of contact and whether the person was hired; if not, the reason, (b) if the person was sent to a union for referral, and the results (c) follow-up contacts when the contractor was hiring.

(2) The contractor should promptly notify the State Contracting Agency when the Union or Unions with which the contractor has collective bargaining agreements does not refer to the contractor a minority or female worker referred (to the union) by the contractor, or when the contractor has information that the union referral process has impeded efforts to meet its goals.

To Demonstrate Compliance: Have a copy of letters sent, or do not claim the union is impeding the contractors' efforts to comply.

(3) The contractor should disseminate its Equal Employment Opportunity policy within its organization by including it in any company newsletters and annual reports; by advertising at reasonable intervals in union publications; by posting of the policy; by specific review of the policy with minority and female employees; and by conducting staff meetings to explain and discuss the policy.

To Demonstrate Compliance: Have a written EEO policy which includes the name and how to contact the contractor's EEO Officer and (a) include the policy in any company policy manuals, (b) post a copy of the Policy on all company bulletin boards (in the office and on all job sites), (c) records, such as reports or diaries, etc., that each minority and female employee is aware of the Policy and that it has been discussed with them, (d) that the policy has been discussed regularly at staff meetings and (3) copies of newsletters and annual reports which include the Policy.

(4) The contractor should continually monitor all personnel activities to ensure that its EEO policy is being carried out, including the evaluation of minority and female employees for promotional opportunities on a quarterly basis and the encouragement of such employees to seek those opportunities.

To Demonstrate Compliance: Have records that the company EEO Officer reviews all: (a) monthly workforce reports, (b) hiring and terminations, (c) training provided on-the-job, (d) minority and female employees quarterly for promotion and encourages them to prepare for and seek promotion. The records should be the EEO Officer's job description, reports, memos, personnel files, etc., documenting the activities for possible discriminatory patterns.

(5) The contractor should disseminate its EEO policy externally by informing and discussing it with all recruiting sources; by advertising it in news media, specifically including minority and female news media; and by notifying and discussing it with all subcontractors.

To Demonstrate Compliance: Have copies of (a) letters sent, at least six months or at the start of each new major contract, to all recruiting sources (including labor unions) requiring compliance with the



Policy, (b) advertising, which has the EEO "tagline" on the bottom, and (c) purchase order and subcontract agreement forms will include or make reference to the State EEO Covenant, Appendix A or B of the Ohio Administrative Code 123:2-3-02.

(6) The contractor should make specific and reasonably recurrent oral and written recruitment efforts directed at minority and women's organizations, and training organizations with the contractor's recruitment area.

To Demonstrate Compliance: Have a record either in a follow-up file for each organization or on the reverse of the notification letter sent under Item 1, above, of the dates, individuals contacted and the results of the contract from telephone calls or personal meetings with the individuals or groups notified under Item 1.

(7) The contractor, where reasonable, should develop on-the-job training opportunities and participate and assist in all Department of Labor funded and/or approved training programs (including Apprenticeship) Programs relevant to the contractor's employee needs consistent with its obligations in the Bid Conditions.

To Demonstrate Compliance: Have records of contributions in cash, equipment supplied and/or contractor personnel provided as instructors for Bureau of Apprenticeship and Training approved or Department of Labor funded training programs and records of the hiring and training of minorities and females referred to Company by such programs.

(8) The contractor should solicit bids for subcontracts (and joint ventures) from available minority and female subcontractors engaged in the trades covered by the Bid Conditions, including circulation of minority and female contractors associations.

To Demonstrate Compliance: Have copies of letters or other direct solicitation of bids for subcontracts/joint ventures from minority/female contractors with a record of the specific response and any follow-up the contractor has done to obtain a price quotation or to assist a minority/female contractor in preparing or reducing a price quotation; have a list of all minority/female subcontracts awarded or joint ventures participated in with dollar amounts, etc.

#### **EXPLANATION OF AN ACCEPTABLE AFFIRMATIVE ACTION PROGRAM:**

An Affirmative Action Program is a set of specific and result-oriented procedures to which a Contractor shall apply every good faith effort. The objective of those procedures and efforts is to assure equal employment opportunity. An acceptable Affirmative Action Program will include an analysis of all trades employed by the Contractor within the last year with an explanation of whether Minorities are currently being under-utilized in any one or more trades. A necessary prerequisite to the development of a satisfactory Affirmative Action Program is the identification and analysis of problem areas inherent in Minority employment and an evaluation of opportunities for utilization of Minority group personnel.

#### Part I - Basic Contents of an Affirmative Action Program:

1. Development or reaffirmation of the contractor's EEO policy in all personnel actions.
2. Formal internal and external dissemination of contractor's EEO policy.
3. Establishment of responsibilities for implementation of the contractor's affirmative action program.
4. Identification of problem areas (deficiencies) by organizational units and job classification.

5. Establishment of goals and objectives by organizational units and job classification, including timetables for completion.
6. Development and execution of action oriented programs designed to eliminate problems and further designed to attain established goals and objectives.
7. Design and implementation of internal audit and reporting systems to measure effectiveness of the total programs.
8. Compliance of personnel policies and practices with Federal sex discrimination guidelines (41 CFR Part 60-20).
9. Active support of local and national community action programs and community service programs, designed to improve the employment opportunities of minorities.
10. Consideration of ethnic minorities and women not currently in the work force having requisite skills who can be recruited through affirmative action measures.
11. Summary data on applicant flow, hires, terminations and promotions, and training for the last twelve months or the last one hundred applicants, hires, etc., whichever is less.

#### Part II - Analysis of Individual Trades

1. The minority population of the labor area surrounding (contractor's) projects.
2. The size of the minority unemployment force in the labor area surrounding (the contractor's) projects.
3. The percentage of minority work force as compared with the total work force in the immediate labor area.
4. The general availability of minorities having requisite skills in the immediate labor area.
5. The availability of minorities having requisite skills in the area in which the contractor can reasonably recruit.
6. The availability of promotable minority employees within the contractor's organization.
7. The anticipated expansion, contraction, and turnover of an in the work force.
8. The existence of training institutions capable of training minorities in the requisite skills.
9. The degree of training which the contractor is reasonably able to undertake as a means of making all job classes available to minorities.

Goals, timetables and affirmative action commitments must be designed to correct any identifiable deficiencies. Where deficiencies exist and where numbers or percentages are relevant in developing corrective action, the contractor shall establish and set forth specific goals and timetables. Such goals and timetables, with supporting data and the analysis thereof shall be a part of the contractor's written affirmative action program. Where the contractor has not established a goal, its written affirmative action program must specifically analyze each of the factors listed above, and must detail its reason for a lack of a goal. The goals and timetables should be attainable in terms of the contractor's analysis of its deficiencies and its entire action. Thus, in establishing its goals and timetables, the contractor should consider the results which could be reasonably expected from its good faith efforts to make its overall affirmative action program work. If the contractor does not meet its goals and timetables, the

contractor's good faith efforts shall be judged as to whether the contractor is following its program and attempting to make the program work toward the attainment of its goals.

Support data for the above analysis and program shall be compiled and maintained as part of the contractor's affirmative action program. This data should include applicant flow data and applicant rejection ratios indicating minority status.

Compliance Status: No State Contractor's compliance status shall be judged alone by whether or not he reaches his goals and meets his timetables. Rather each Contractor's compliance posture shall be reviewed and determined by reviewing the contents of his program, the extent of his adherence to his program and his good faith efforts to make his program work toward the realization of the program's goals within the timetables set for completion.

### **"APPENDIX C" OF THE STATE EEO BID CONDITIONS**

#### **FEMALE UTILIZATION GOALS**

OAC 123:2-3-05 Required utilization analysis and goals

(A) Each state-involved contractor shall include in his/her affirmative action program the information and analysis required pursuant to part IV 401-C of appendix A of rule 123:2-1-01 of the Administrative Code, in addition to female utilization requirements pursuant to the governor's "Executive Order 84-9" and this rule.

(B) As required by the governor's "Executive Order 84-9", the utilization of women shall be, at a minimum, that currently in use by the federal government as of February 15, 1984. This requirement stated at C.F.R. part 60-4 is 6.9 percent utilization of women. This requirement shall remain at 6.9 percent unless further amended by the governor in a subsequent order. This requirement shall be met by a determination of work hours utilized in the same manner as minority utilization hours are calculated.



**BOARD OF COUNTY COMMISSIONERS**  
**WARREN COUNTY, OHIO**  
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[www.co.warren.oh.us](http://www.co.warren.oh.us)  
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Telephone (513) 695-1250  
Facsimile (513) 695-2054

**SHANNON JONES**  
**DAVID G. YOUNG**  
**TOM GROSSMANN**

**ADVERTISEMENT FOR BIDS**

Separate sealed bids for the Mason Morrow Millgrove Road Bridge #38-0.37 Replacement 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 10:30 a.m., January 14, 2025, and then at said time publicly opened and read aloud.

Bid documents and specifications are available online at the Warren County's Website at <http://www.co.warren.oh.us/commissioners/Bids/Default.aspx>. Questions regarding the technical specifications should be directed to Roy Henson, Bridge Engineer, at the Warren County Engineer's Office, at (513) 695-3310. **Only ODOT prequalified contractors are eligible to submit bids for this Project.** Pre-qualification status must be in force **at the time of bid, at the time of award, and through the life of the construction contract.** For work types that ODOT does not pre-qualify, the LPA must still select a qualified contractor. Subcontractors are not subject to the pre-qualification requirement. The "prime" contractor must perform no less than 30 percent of the total original contract price. 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.

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

1. A Certified check, cashier's 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.

All contractors and subcontractors involved with the project will, to the extent practicable, use Ohio products, materials, services, and labor in the implementation of their project. Additionally, contractor compliance with the employment opportunity requirements of Ohio Administrative Code Chapter 123 is required.

Each bidder must comply with the prevailing wage rates on Public Improvements in Warren County, Ohio as determined by the Ohio Department of Commerce, Bureau of Wage and Hour Administration, 614-655-2239.

Each bidder must submit evidence of its experiences on projects of similar size and complexity. The owner intends and requires that the project be completed no later than 16 weeks after the start of construction.

Contact the Warren County Commissioner's Office at (513) 695-1254 should you need assistance in accessing the bidding information on the County's website. All contract addenda will be posted to the website prior to the bid opening. Bidders should check the website regularly to stay updated on any changes to the project.

**Please be aware that if you are downloading this document to bid this project, and in order to stay updated on any change, please email Krystal Powell in the Commissioners' Office at [krystal.powell@co.warren.oh.us](mailto:krystal.powell@co.warren.oh.us) with your contact information.**

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 – Mason Morrow Millgrove Road Bridge #38-0.37 Replacement Project, January 14, 2025 @ 10:30 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 Commissioner, County of Warren, State of Ohio.

\_\_\_\_\_  
Krystal Powell, Clerk