

PROJECT:

Shape Ditch

PROPOSAL

LOGAN COUNTY COMMISSIONERS

Joe Antram
Mark Robinson
Paul Benedetti

Letting – Tuesday, November 9, 2021 at 10:00 A.M.

Company_____

Submitted by _____

Street_____

Post Office_____

City_____

State_____ Zip_____

Telephone _____

NOTICE FOR BIDS

Notice is hereby given that bids for the furnishing of labor, equipment and material required for the completion of the **Shape Ditch** according to plans and specifications on file in the Logan County Commissioners Office will be received at the office of the Logan County Commissioners, 117 E. Columbus Avenue, Suite 100, Bellefontaine, Ohio, 43311, on Tuesday, November 9, 2021, at 10:00 A.M. Ohio Standard Time.

Bids shall be submitted on forms furnished by the Logan County Engineer's Office in a sealed envelope marked "Shape Ditch" on the outside. Sealed bid shall be submitted to the Logan County Commissioner's Office at the address listed above.

Bids shall have separate unit prices for all items.

As specified in R.C. 153.54, a bidder must submit 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 in the amount of 10% of the bid.

Bidders shall comply with the provisions of the Americans with Disabilities Act of 1990.

Bids will be awarded to the lowest and best bidder, based on the grand total.

The Logan County Commissioners reserves the right to reject any or all bids and to waive any defects in the bids.

The Notice to Bidders and the Bid Package is posted on the Internet and may be viewed on the Logan County Engineer's web page at: http://www.lceo.us/Bid_Documents/index.html

By Order of the Board of
Logan County Commissioners

De De Doss, Clerk/Admin.

Posted: October 26, 2021

Advertised: October 26 and November 2, 2021

INSTRUCTIONS TO BIDDERS

DATE AND PLACE FOR OPENING PROPOSALS: Pursuant to the Legal Notice, sealed proposals for performing the work will be received by the Logan County Commissioners.

At the time and place set forth in said notice, they will be publicly opened by the Clerk of the Logan County Commissioners and read aloud; the awarding of the contract, if awarded, will be made by the Logan County Commissioners within 30 days after the opening of the proposals.

FORM FOR PROPOSALS: All proposals shall be made upon the blank form of proposal attached hereto, and should give the lump sum price or unit prices for the work, and must be signed by the bidder in accordance with the directions in the form of proposal.

OMISSIONS AND DISCREPANCIES: Should a bidder find discrepancies in, or omissions from the drawings or other contract documents, or should he be in doubt as to their meaning, he shall at once notify the Logan County Engineer's Designee, Michael Kerns, who may send a written instruction to all bidders.

ACCEPTANCE OR REJECTION OF PROPOSALS: The Logan County Commissioners reserves the right to reject any or all proposals. Without limiting the generality of the foregoing, any proposal which is incomplete, obscure, or irregular may be rejected; any proposal in which unit prices are omitted or in which unit prices are unbalanced, may be rejected; any proposal accompanied by an insufficient or irregular bid guarantee may be rejected.

BID GUARANTEE AND PERFORMANCE BOND: Bid guarantees and performance bonds shall be in the form as specified in the Notice to Contractors.

ACCEPTANCE OF PROPOSAL: Within thirty (30) days after the opening of proposals, the Logan County Commissioners will act upon them. The acceptance of a proposal shall bind the successful bidder to execute the contract, and to be responsible for liquidated damages as provided herein. The rights and obligations provided for in the contract shall become effective and binding upon the parties only with its formal execution by the Logan County Commissioners.

DAMAGES FOR FAILURE TO EXECUTE CONTRACT: Any bidder whose proposal is accepted will be required to appear in person in the office of the Logan County Commissioners, or if a firm or corporation, a duly authorized representative shall so appear, and to execute the contract within ten (10) days after the notice that the contract has been awarded to him. Failure or neglect to do so shall constitute a breach of the agreement affected by the acceptance of the proposal.

COMPETITIVE BIDDER'S PERSONAL PROPERTY TAX AFFIDAVIT: All bidders must complete and attach this affidavit to each bid proposal. The amount of the bid guarantee, as specified in Sections 153.54 (B), (C), (D) and (E) of the Ohio Revised Code, accompanying the proposal shall be retained by Logan County as liquidated damages for such breach.

PROJECT COMPLETION DATE: October 1, 2022

PRICES: The prices are to include the furnishing of all materials, plant, tools, and all other facilities, and

the performance of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the contract documents.

INTERPRETATIONS AND ADDENDA: No oral interpretations shall be made to any bidder as to the meaning of any of the contract documents, or be effective to modify any of the contract documents. Every request for an interpretation shall be made in writing and addressed to The Logan County Engineer's Designee Michael Kerns at mkerns@lceo.us

UNIT PRICE: The unit prices specified in the "Unit Price Bid" will govern the awarding of the contract.

The contractor shall make the extensions in "Total Amount" column, and also add up the totals. However, the unit prices specified, together with the approximate quantities shall determine the total amount of the bid. If there is an error made in the extensions by the bidder, the total shall be changed as only the unit price shall govern.

PREQUALIFICATION OF BIDDERS: Bidders are NOT required to be pre-qualified with the Ohio Department of Transportation to submit a bid for this project.

OHIO REVISED CODE

SECTION 3517.13(I)

Ohio Revised Code Section 3517.13(I) requires that no agency or department of this state or any political subdivision shall award any contract, other than one let by competitive bidding or a contract incidental to such contract or which is by force account, for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars to any individual, partnership, association, including, without limitation, a professional association organized under Chapter 1785 of the ORC, estate, or trust if the individual has made or the individual's spouse has made, or any partner, shareholder, administrator, executor, or trustee or the spouse of any of them has made, as an individual, within the two previous calendar years, one or more contributions totaling in excess of one thousand dollars to the holder of the public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee. Furthermore, Ohio Revised Code Section 3517.13(J) requires that no agency or department of this state or any political subdivision shall award any contract, other than one let by competitive bidding or a contract incidental to such contract or which is by force account, for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars to a corporation or business trust, except a professional association organized under Chapter 1785 of the ORC, if an owner of more than twenty per cent of the corporation or business trust or the spouse of that person has made, as an individual, within the two previous calendar years, taking into consideration only owners for all of that period, one or more contributions totaling in excess of one thousand dollars to the holder of a public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee.

NON -COLLUSION AFFIDAVIT

In accordance with Title 23 United States Code, Section 112 and Ohio Revised Code, Chapter 1331 et. seq: and Sections 2921.11 and 2921.13, the bidder hereby states, under penalty of perjury and under other such penalties as the law provides, that he or his agents or employees have not entered either directly or indirectly into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal. Execution of this proposal on the signature portion thereof shall constitute also signature of this Non-Collusion Affidavit

CAMPAIGN CONTRIBUTIONS AFFIDAVIT

Ohio Revised Code Section 3517.13(I) requires that no agency or department of this state or any political subdivision shall award any contract, other than one let by competitive bidding or a contract incidental to such contract or which is by force account, for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars to any individual, partnership, association, including, without limitation, a professional association organized under Chapter 1785 of the ORC, estate, or trust if the individual has made or the individual's spouse has made, or any partner, shareholder, administrator, executor, or trustee or the spouse of any of them has made, as an individual, within the two previous calendar years, one or more contributions totaling in excess of one thousand dollars to the holder of the public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee. Furthermore, Ohio Revised Code Section 3517.13(J) requires that no agency or

department of this state or any political subdivision shall award any contract, other than one let by competitive bidding or a contract incidental to such contract or which is by force account, for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars to a corporation or business trust, except a professional association organized under Chapter 1785 of the ORC, if an owner of more than twenty per cent of the corporation or business trust or the spouse of that person has made, as an individual, within the two previous calendar years, taking into consideration only owners for all of that period, one or more contributions totaling in excess of one thousand dollars to the holder of a public office having ultimate responsibility for the award of the contract or to the public officer's campaign committee. Execution of this proposal on the signature portion thereof shall constitute also signature of this Campaign Contributions Affidavit.

**COMPETITIVE BIDDER'S
PERSONAL PROPERTY TAX AFFIDAVIT
LOGAN COUNTY, OHIO (R.C. 5719.042)**

STATE OF OHIO:

: ss:

LOGAN COUNTY :

The undersigned, being duly sworn, says that he is or represents a competitive bidder doing business in, or with Logan County, Ohio, and that: (Check appropriate lines)

_____ He is a sole proprietorship doing business under his own name.

_____ He is a sole proprietorship doing business under the name of _____

_____ He is a general partner of the partnership known as _____

_____ He is a duly authorized officer of the corporation named _____

The business address of the bidder is _____

_____ ; Telephone _____

The undersigned further says that the bidder at the time of submitting his or its bid:

_____ Was not charged with any delinquent personal taxes in Logan County, Ohio.

_____ Was charged with delinquent personal property taxes as follows:

| YEAR | AMOUNT | PENALTY | INTEREST |
|---------|---------|---------|----------|
| 20_____ | \$_____ | \$_____ | \$_____ |
| 20_____ | \$_____ | \$_____ | \$_____ |
| 20_____ | \$_____ | \$_____ | \$_____ |

Signed: _____

Title: _____

STATE OF OHIO:

: ss:

LOGAN COUNTY :

Before me, a notary, in and for said county, personally appeared

_____ (sole proprietor doing business under his own name)
(sole proprietor doing business under the name of _____)
(general partner of the Partnership known as _____)
(duly authorized officer of the Corporation name _____),

who acknowledged that he is authorized in the premises and that his signing of this instrument is the free act and deed of himself or the organization which he represents.

In testimony whereof, I have hereunto subscribed my name and affixed my official seal at

_____, Ohio, this _____ day of _____, 2_____.

Notary Public

COMMISSIONERS:

_____ No delinquent taxes - file
_____ Delinquent taxes - sent to County Engineer

Clerk

WRITTEN CONTRACT

On acceptance of the proposal for said work _____do hereby bind myself or ourselves this _____ day of _____, 2021, to enter into a written contract with the Logan County Commissioners within ten (10) days from date of notice of award.

IF AN INDIVIDUAL, SIGN BELOW

Name_____ Address_____

Telephone_____

IF AN INDIVIDUAL DOING BUSINESS UNDER A TRADE NAME, SIGN BELOW:

Name_____ Address_____

Sole Owner_____ Telephone_____

IF A PARTNERSHIP, SIGN BELOW:

Name_____ Address_____

By_____ Telephone_____

Partner_____ Address_____

Partner_____ Address_____

Partner_____ Address_____

IF A CORPORATION, SIGN BELOW:

Incorporated under the laws of the State of _____

Name of Corporation_____

Address_____

Telephone_____

By_____

Title of Officer Signing

GENERAL CONDITIONS

1. _____ The Contract Documents are complementary, and what is called for by any one shall be binding as if called for by all. The intention of the documents is to include all labor and materials, equipment and transportation necessary for the completion of the work. Materials or work described in words which so applied have a well known technical or trade meaning shall be held to such standards.

The State of Ohio Department of Transportation Construction and Material Specifications as revised January 1, 2019, shall govern all items on this project except as modified in the **SUPPLEMENTAL GENERAL CONDITIONS, GENERAL NOTES** or in the **PLANS**.

2. _____ The following Definitions and Terms refer to the State of Ohio Department of Transportation Construction and Materials Specifications.
- a) The State: Whenever the term "The State" appears in the specifications it shall be changed to mean Logan County, acting through its authorized representatives.
 - b) Department: Whenever the term "The Department" appears on the specifications it shall be changed to mean the office of the Logan County Engineer.
 - c) Director: Whenever the term "The Director" appears in the specifications it shall be changed to mean the Logan County Engineer.
 - d) The Engineer: Whenever the word "Engineer" appears in the Contract Documents or specifications it shall mean the Logan County Engineer or his duly authorized representative.
 - e) The Laboratory: Whenever the word "Laboratory" appears in the Contract Documents or Specifications it shall mean an independent testing consultant in the employ of the County to provide testing for this project.

3. _____ The Engineer shall furnish to the Contractor free of charge, all copies of drawings and specifications necessary for the execution of the work.

4. _____ The Contractor shall provide and pay for all materials, labor, water, tools, equipment, lights, power, transportation, and other facilities necessary for the execution, and completion of the work. All materials shall be new and both workmanship and materials shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence of the quality and kind of materials.

The Contractor shall at all times enforce strict discipline and good order among his employees, and shall not employ to work any unfit person or anyone not skilled in the work assigned to him.

5. _____ The Contractor shall pay all royalties and license fees. He shall defend all suits and claims for infringements of any patent rights and shall save the County harmless from loss on account thereof.

6. _____ Permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured by the Contractor.
The Contractor shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the drawings and specifications are at variance therewith, he shall promptly notify the Engineer, and any necessary change shall be adjusted as provided in the Contract for Changes in the work.
7. _____ The Contractor shall continuously maintain adequate protection on all work from damage. He shall make good such damage, injury, or loss, except as may be due to errors in the Contract Documents. He shall adequately protect adjacent property. He shall provide and maintain all passage ways, barricades, lights, and other facilities for protection required by public authority or local conditions.

In an emergency affecting the safety of life or of the work or adjoining property, the Contractor, without special instructions or authorization from the Engineer, is hereby permitted to act, at his discretion, to prevent such threatened loss or injury, and he shall so act, without appeal, if so instructed and authorized.

8. _____ The Engineer shall at all times have access to the work. If the specifications, the Engineer's instructions, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination at the Contractor's expense.
9. _____ The Contractor shall at all times keep a satisfactory superintendent on the work, who shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.
10. _____ The County, without invalidating the Contract, subject to Section 5555.69 O.R.C., may order work or make changes by altering, adding to or deducting from the work, the Contract Amount being adjusted accordingly. All such work shall be executed under the conditions of the original contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

Except in emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order by the Engineer and no claim for an addition to the Contract Amount shall be valid unless so ordered.

The value of any such extra work or change shall be determined by estimate and acceptance in a lump sum or by unit prices named in the contract or subsequently agreed upon.

If the Engineer deems it expedient to correct work injured or not done in accordance with the Contract Documents, an equitable deduction from the Contract Amount shall be made therefrom.

11. _____ If the Contractor should be adjudged a bankrupt, or be in any manner financially insolvent, or if

he should refuse or fail to supply properly skilled workmen or proper materials or otherwise be guilty of a substantial violation of the terms of this Contract then the County, upon written certification by the Engineer that sufficient cause exists to justify such action may without prejudice to any other remedy and after giving the Contractor seven (7) days notice, terminate the employment of the Contractor and take possession of all tools, appliances, and materials thereon, and finish the work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive further payment until the work is finished.

If the unpaid balance in the Contract Price shall exceed the expense of finishing the work including compensation for additional managerial services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the County.

12. _____ If the Contractor should neglect to prosecute the work properly or fail to perform any provision of the Contract, the County, after three (3) days written notice to the Contractor, may without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.
13. _____ If the work should be stopped under an order of any court or other public authority for a period of three (3) months through no act or fault of the Contractor or of anyone employed by him, or if the Engineer should fail to issue any estimate within fourteen (14) days after it is due, or if the County should fail to pay the Contractor within fourteen (14) days of its maturity and presentation, any sum certified by the Engineer or awarded by arbitrators, then the Contractor may, upon seven (7) days written notice, terminate the Contract and recover from the County payment for all work executed and any loss sustained upon any materials and reasonable profit.
14. _____ The County may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect itself from loss on account of:
 - (A) Defective work not remedied.
 - (B) Claims filed or evidence indicating probable filing.
 - (C) Failure of the Contractor to pay bills.
 - (D) Doubt that the Contract can be completed for the balance then unpaid.

When above grounds are removed payment shall be made for amounts withheld on account of them.

15. _____ The Contractor shall indemnify and save harmless the County from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against the County, by reason or any act or omission of the said Contractor, his agents or employees, in the execution of the work or in the guarding of it.

16. _____ The Contractor shall maintain workers' compensation coverage as required by Ohio law.
17. _____ The Contractor shall not assign the contract or sublet it as a whole without the written consent of the County.
18. _____ The Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, he shall be charged with the resulting expense.
19. _____ The Engineer shall have general supervision and direction of the work. He has authority to stop the work whenever such stoppage may be necessary to insure the proper execution of the Contract. He shall also have the authority to reject all work and materials which do not conform to the Contract, to direct the application of forces to any part of the work, to order the force increased or diminished, and to decide questions which arise in the execution of the work.
20. _____ The Contractor shall, as directed by the Engineer, remove from public and private property, at his expense, all temporary structures, rubbish and waste materials resulting from his operations.
21. _____ The Contractor will be expected to pay the State prevailing minimum wage to all labor employed on this project as ascertained and determined for Logan County, Ohio. A copy of the said prevailing minimum wage can be found under http://lceo.us/Bid_Documents/index.html
22. _____ For each calendar day that any work shall remain uncompleted after the contract completion date, the liquidated damages, as described in 108 of the State of Ohio, Department of Highway's Materials and Specifications, dated January 1, 2019, may be imposed.
23. _____ The Contractor will comply with Sections 153.59 and 153.60 O.R.C., Discrimination and Intimidation on Account of Race, Creed, or Color, and Forfeiture, when performing the work on this project.
24. _____ Logan County and the Logan County Engineer will not waive subrogation rights.
25. _____ The contractor shall maintain commercial general liability insurance with a limit of not less than \$1,000,000 each occurrence. The county, its elected officials and employees, shall be named as additional insured's with respect to all activities under this agreement.
26. _____ The contractor shall maintain automobile liability insurance with a limit of not less than \$1,000,000 each incident. Such insurance shall include coverage for owned, hired, and non-owned automobiles.
27. _____ Prior to the commencement of any work under this agreement, the contractor shall furnish the County with properly executed certificates of insurance for all insurance required by this agreement. Certificates of insurance shall provide that such insurance shall not be cancelled without 30 days prior written notice to the County. The Contractor will replace certificates for any insurance expiring prior to completion of work under this agreement.

SUPPLEMENTAL GENERAL CONDITIONS

ENUMERATION OF PLANS, SPECIFICATIONS, STANDARD DRAWINGS AND ADDENDA

Following are the Plans, Specifications, Standard Drawings and Addenda which form a part of this contract.

Plan Drawings

Plans prepared by the Logan County Engineer's Office dated October 8, 2021

Specifications

O.D.O.T. Construction and Materials Specifications dated January 1, 2019

A.S.T.M. F449-16: Standard Practice For Subsurface Installation Of Corrugated Polyethylene Pipe For Agricultural Drainage Or Water Table Control

Standard Drawings

O.D.O.T. Standard Construction Drawings:

CB-1.2 dated 1-15-2016

GENERAL NOTES

1. SPEC, MISCELLANEOUS TILE CONNECTIONS: Contractor to locate, via aerial imagery, historical documents or other method, all existing field tile connections and tie said field connections into proposed drainage pipes.
2. ITEM 611, Hickenbottom, Slotted, 8" diameter (varying heights), to include appropriately-sized tees.
3. The video recording requirements stated in section 611.12: Performance Inspection of the 2019 ODOT CMS Specifications will be waived for this project.
4. The existing catch basin at STA. 61+04 is to remain. Use a concrete saw on the existing catch basin to lower the existing top of grate elevation to match the proposed ground elevation.

5. ITEM 202: Existing tile that is to be decommissioned will be allowed to remain on-site

RECIPIENTS OF NOTICE FOR BIDS

Cy Schwieterman Inc.
10097 Kohler Road
Wapakoneta, OH 45895
brent@cysinc.com

Slemmons Excavating
7498 Co Rd 44, North Lewisburg, OH 43060
slemmons.excavating@yahoo.com

Hurley Excavating Co
5876 SR 508
DeGraff, OH 43318
fourhurleys@embarqmail.com

Pullins Drainage & Excavating LLC
12662 Shanley Rd
Quincy, OH 43343
sampullins86@gmail.com

Donald A. Sommer Inc
13167 State Route 274
Anna, OH 45302
dasommerinc@gmail.com

Reichert Excavation
11418 State Route 274
Lewistown, OH 43333
reichertx@live.com

McGraw Hill-Dodge Reports
950 Contract St., Suite 100A
Lexington, KY 40505
800-393-6343 (phone)
800-625-3488 (fax)
dodge_reocmw@mcgraw-hill.com

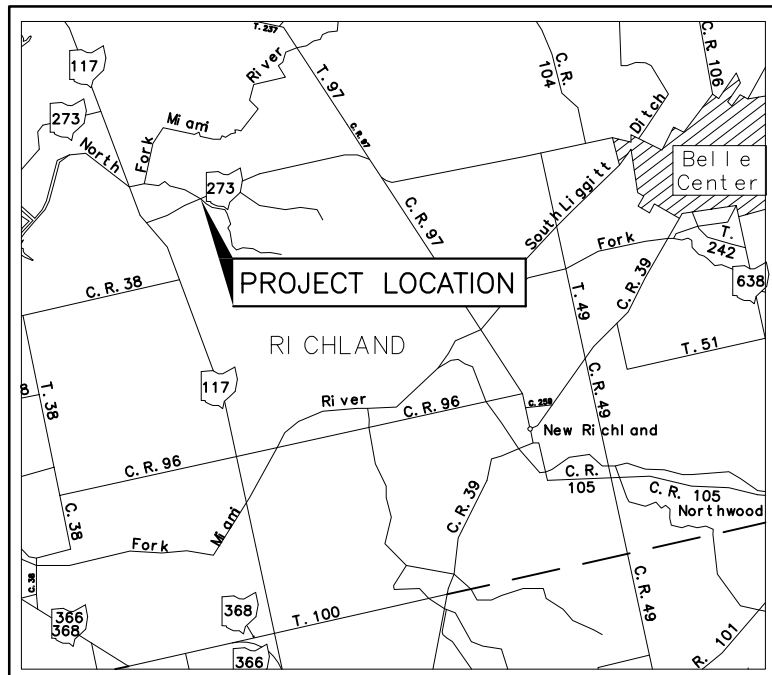
Ohio Construction News
7261 Engle Road, Suite 304
Cleveland, OH 44130
800-969-4700 (phone)
800-229-4626 (fax)
annie@cncnewsonline.com

Dayton Builders Exchange
2077 Embury Park Road

Dayton, OH 45414
866-907-6300
937-278-3843 (fax)
info@bxohio.com

Laborers-Employers Cooperation and Education Trust
P.O. Box 46217, Cincinnati, OH 45246
614-832-7134(phone), 614-839-9298 (fax)
Attn: Carmen D. Henderson
swo-lect@cinci.rr.com

I Sq. Ft. Construction
Attn: Ohio Team
ohio@isqft.com



LOCATION MAP



LOGAN COUNTY
ENGINEER'S OFFICE
SCOTT C. COLEMAN, P.E., P.S.
COUNTY ENGINEER
SHAPE DITCH

LOGAN COUNTY
2021

KEY

- CL = CENTER LINE
- T.R. = TOWNSHIP ROAD
- ELEV. = ELEVATION
- EX. = EXISTING
- FL = FLOW LINE
- LCEO = LOGAN COUNTY ENGINEER'S OFFICE
- PR. = PROPOSED
- ROW = RIGHT OF WAY
- STA. = STATION
- Ø = DIAMETER
- PG. = PAGE

MAJOR UTILITY OWNERS

- TC ENERGY: CONTACT: DAVID ADKINS: PH: 419-721-0838
- SUNOCO: CONTACT: JOHN FREIBERGER: PH: 567-371-2274



PLANS PREPARED BY:
LOGAN COUNTY ENGINEER'S OFFICE
1991 C.R. 13, P.O. BOX 427
BELLEFONTAINE, OHIO 43311

ENGINEER'S SEAL

SIGNED: _____

DATE: _____

INDEX OF SHEETS

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| STANDARD CONSTRUCTION DRAWINGS | | SUPPLEMENTAL SPECIFICATIONS |
|--------------------------------|---------|---|
| CB-2,3,2,4 | 7-16-21 | O.D.O.T. CONSTRUCTION AND MATERIALS SPECIFICATIONS, DATED JANUARY 1, 2019 |
| | | THE LOGAN COUNTY STORMWATER REGULATIONS |
| | | THE LOGAN COUNTY TECHNICAL DESIGN STANDARDS |
| | | ASTM F449-16: STANDARD PRACTICE FOR SUBSURFACE INSTALLATION OF CORRUGATED |
| | | POLYETHYLENE PIPE FOR AGRICULTURAL DRAINAGE OR WATER TABLE CONTROL |

PROJECT DESCRIPTION

- THE PROJECT CONSISTS OF THE:
- DECOMMISSIONING OF APPROXIMATELY 2,018- FEET OF 20" CLAY TILE
 - DECOMMISSIONING OF APPROXIMATELY 6,090- FEET OF 15" CLAY TILE
 - REMOVAL OF VARIOUS DRAINAGE STRUCTURES
 - INSTALLATION OF 1,260- FEET OF 30" POLYETHYLENE CORRUGATED DOUBLE-WALL PIPE
 - INSTALLATION OF 2,020- FEET OF 24" POLYETHYLENE CORRUGATED DOUBLE-WALL PIPE
 - INSTALLATION OF 4,060- FEET OF 18" POLYETHYLENE CORRUGATED DOUBLE-WALL PIPE
 - INSTALLATION OF THREE 2-3 CATCH BASINS
 - INSTALLATION OF THREE 8"Ø X 72" SLOTTED HICKENBOTTOMS
 - INSTALLATION OF MISCELLANEOUS TILE CONNECTIONS
 - INSTALLATION OF TWO ACCESS DRIVES
 - 815' OF DITCH CLEANOUT
 - LINEAR GRADING OF SWALES CENTERED OVER ALL INSTALLED PIPE TO ENSURE POSITIVE DRAINAGE OF SURFACE WATER
 - PLACEMENT OF 27 TON ROCK CHANNEL PROTECTION, CLASS B
 - SEEDING

2019 ODOT CMS SPECIFICATIONS

EXCEPT WHERE OTHERWISE NOTED, THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE STATE OF OHIO, DATED JANUARY 1, 2019, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED HEREON, SHALL GOVERN THIS IMPROVEMENT.

APPROVALS

WE, THE BOARD OF COMMISSIONERS OF LOGAN COUNTY, OHIO, HEREBY APPROVE THESE PLANS AND DECLARE THAT THE NECESSARY RIGHT-OF-WAY IS AVAILABLE FOR THIS IMPROVEMENT.

DATE BOARD OF LOGAN COUNTY, OHIO, COMMISSIONERS

I HEREBY APPROVE THIS PLAN AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING OF THE HIGHWAY TO THROUGH TRAFFIC, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THESE PLANS AND ESTIMATES.

DATE LOGAN COUNTY, OHIO, ENGINEER

FEDERAL PROJECT NO. NON-FEDERAL

WORK ORDER NO. 10849

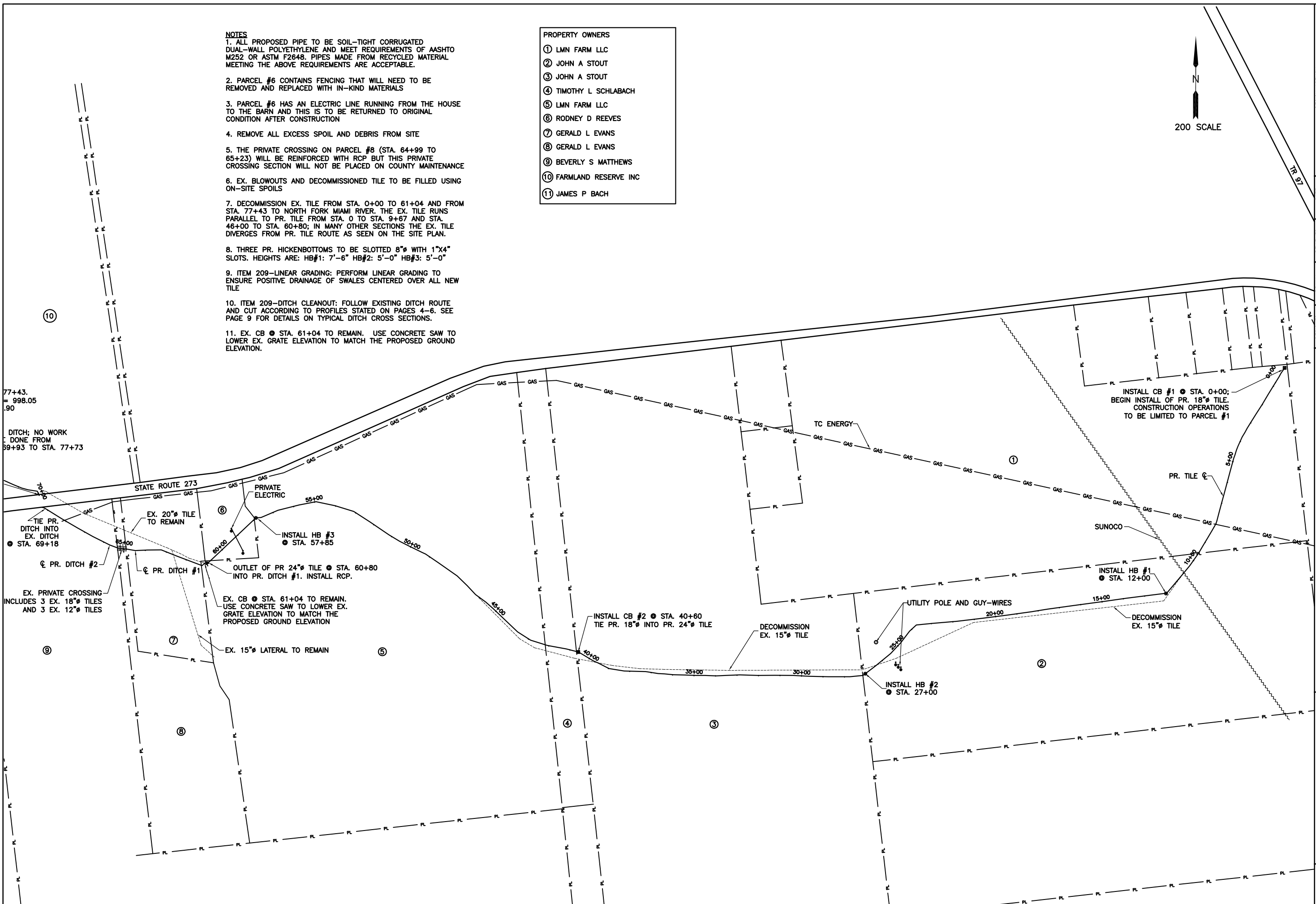
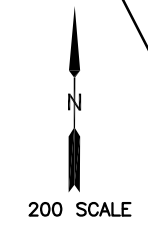
RAILROAD INVOLVEMENT NONE

SHAPE DITCH

1/9

- NOTES**
1. ALL PROPOSED PIPE TO BE SOIL-TIGHT CORRUGATED DUAL-WALL POLYETHYLENE AND MEET REQUIREMENTS OF AASHTO M252 OR ASTM F2848. PIPES MADE FROM RECYCLED MATERIAL MEETING THE ABOVE REQUIREMENTS ARE ACCEPTABLE.
 2. PARCEL #6 CONTAINS FENCING THAT WILL NEED TO BE REMOVED AND REPLACED WITH IN-KIND MATERIALS
 3. PARCEL #6 HAS AN ELECTRIC LINE RUNNING FROM THE HOUSE TO THE BARN AND THIS IS TO BE RETURNED TO ORIGINAL CONDITION AFTER CONSTRUCTION
 4. REMOVE ALL EXCESS SPOIL AND DEBRIS FROM SITE
 5. THE PRIVATE CROSSING ON PARCEL #8 (STA. 64+99 TO 65+23) WILL BE REINFORCED WITH RCP BUT THIS PRIVATE CROSSING SECTION WILL NOT BE PLACED ON COUNTY MAINTENANCE
 6. EX. BLOWOUTS AND DECOMMISSIONED TILE TO BE FILLED USING ON-SITE SPOILS
 7. DECOMMISSION EX. TILE FROM STA. 0+00 TO 61+04 AND FROM STA. 77+43 TO NORTH FORK MIAMI RIVER. THE EX. TILE RUNS PARALLEL TO PR. TILE FROM STA. 0 TO STA. 9+67 AND STA. 46+00 TO STA. 60+80; IN MANY OTHER SECTIONS THE EX. TILE DIVERGES FROM PR. TILE ROUTE AS SEEN ON THE SITE PLAN.
 8. THREE PR. HICKENBOTTOMS TO BE SLOTTED 8"Ø WITH 1"x4" SLOTS. HEIGHTS ARE: HB#1: 7'-6" HB#2: 5'-0" HB#3: 5'-0"
 9. ITEM 209-LINEAR GRADING: PERFORM LINEAR GRADING TO ENSURE POSITIVE DRAINAGE OF SWALES CENTERED OVER ALL NEW TILE
 10. ITEM 209-DITCH CLEANOUT: FOLLOW EXISTING DITCH ROUTE AND CUT ACCORDING TO PROFILES STATED ON PAGES 4-6. SEE PAGE 9 FOR DETAILS ON TYPICAL DITCH CROSS SECTIONS.
 11. EX. CB @ STA. 61+04 TO REMAIN. USE CONCRETE SAW TO LOWER EX. GRATE ELEVATION TO MATCH THE PROPOSED GROUND ELEVATION.

- PROPERTY OWNERS**
- ① LMN FARM LLC
 - ② JOHN A STOUT
 - ③ JOHN A STOUT
 - ④ TIMOTHY L SCHLABACH
 - ⑤ LMN FARM LLC
 - ⑥ RODNEY D REEVES
 - ⑦ GERALD L EVANS
 - ⑧ GERALD L EVANS
 - ⑨ BEVERLY S MATTHEWS
 - ⑩ FARMLAND RESERVE INC
 - ⑪ JAMES P BACH



DESIGN AGENCY
LOGAN COUNTY ENGINEER'S OFFICE
 1991 C.R. 13, P.O. BOX 427
 BELLEFONTAINE, OHIO 45311

| | |
|----------|------------|
| DATE | 10/15/2021 |
| REVIEWED | WTB |
| DRAWN | MJK |
| DESIGNED | MJK |
| CHECKED | SOC |

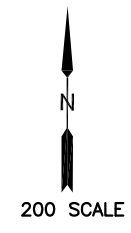
SITE PLAN
 STA. 0+00 TO STA. 69+33

SHAPE DITCH
 2
 9

| | | | |
|----------|-----|----------|------------|
| DESIGNED | MJK | CHECKED | SOC |
| DRAWN | MJK | REVIEWED | |
| REVIEWED | WTB | DATE | 10/15/2021 |

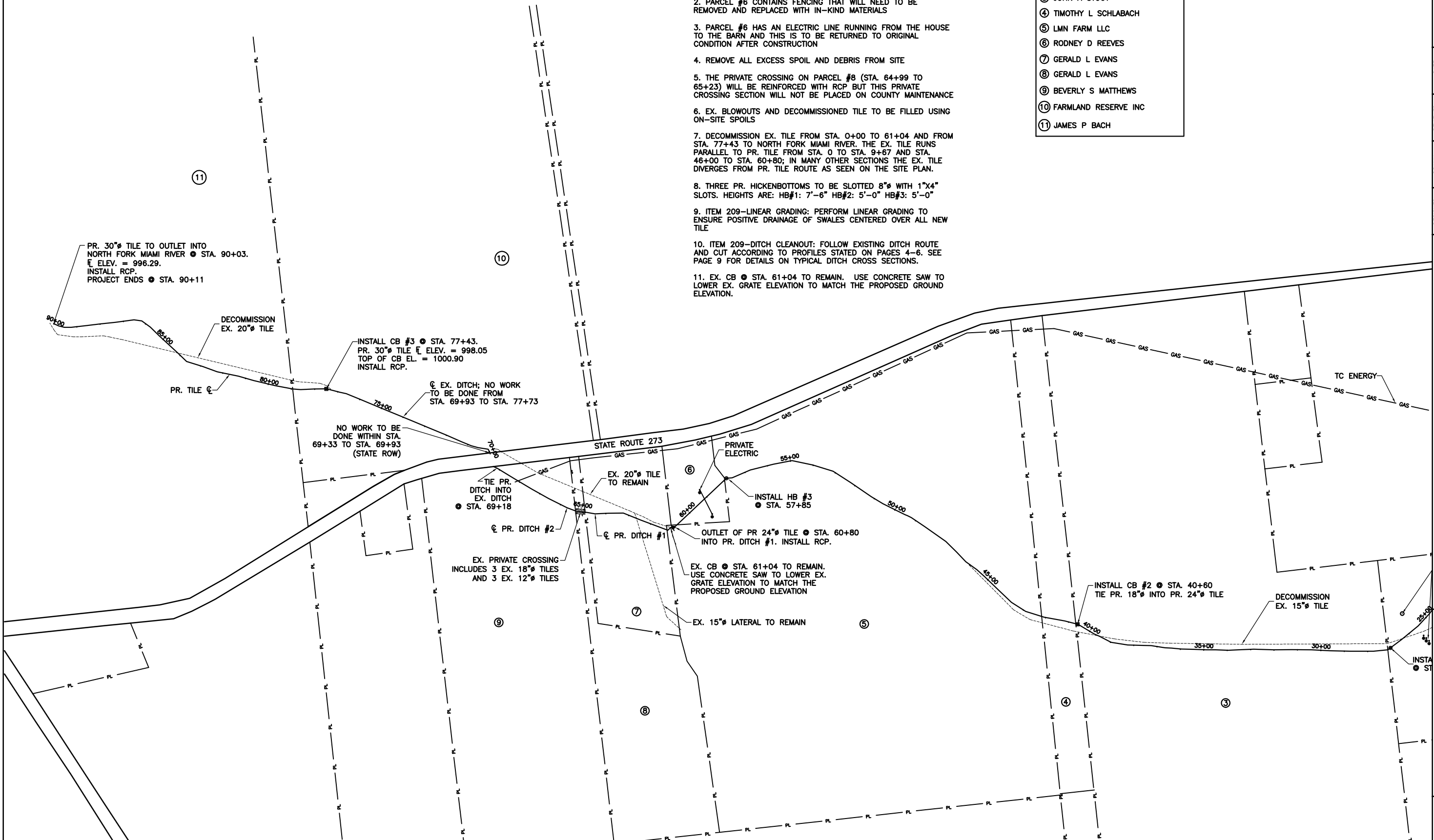
SITE PLAN
STA. 69+33 TO STA. 90+11

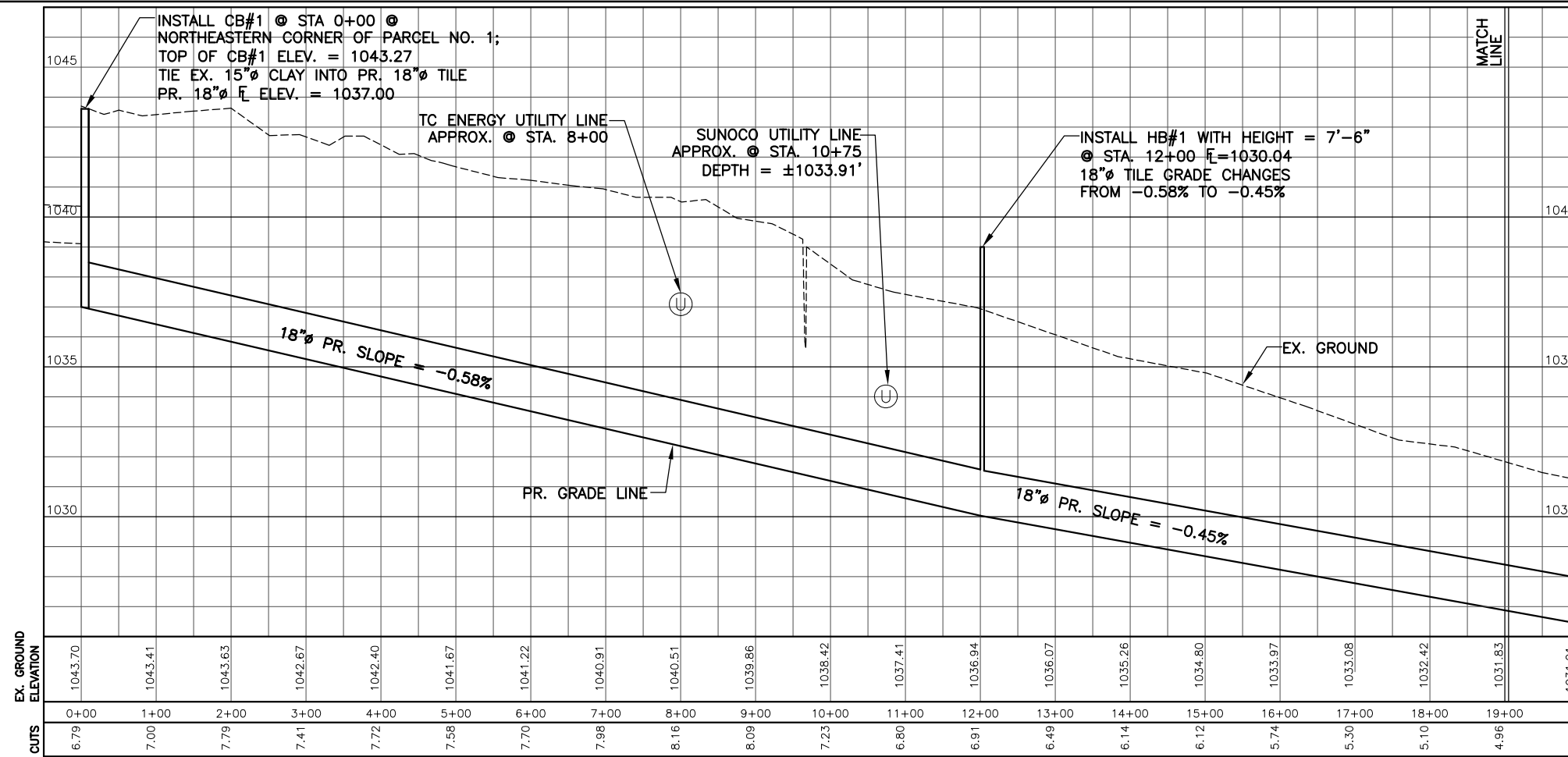
SHAPE DITCH



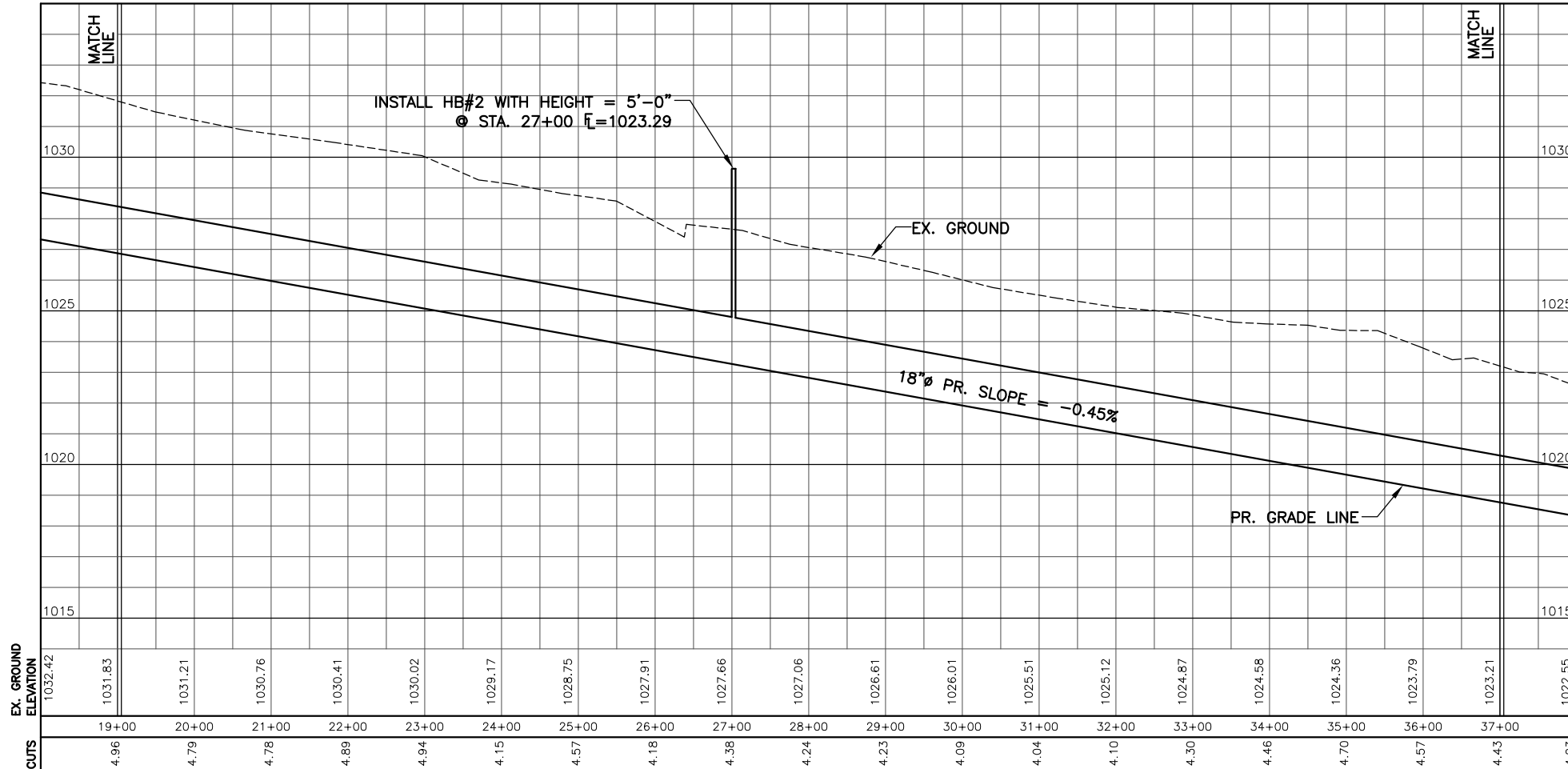
- PROPERTY OWNERS**
- ① LMN FARM LLC
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 - ⑦ GERALD L EVANS
 - ⑧ GERALD L EVANS
 - ⑨ BEVERLY S MATTHEWS
 - ⑩ FARMLAND RESERVE INC
 - ⑪ JAMES P BACH

- NOTES**
1. ALL PROPOSED PIPE TO BE SOIL-TIGHT CORRUGATED DUAL-WALL POLYETHYLENE AND MEET REQUIREMENTS OF AASHTO M252 OR ASTM F2848. PIPES MADE FROM RECYCLED MATERIAL MEETING THE ABOVE REQUIREMENTS ARE ACCEPTABLE.
 2. PARCEL #6 CONTAINS FENCING THAT WILL NEED TO BE REMOVED AND REPLACED WITH IN-KIND MATERIALS
 3. PARCEL #6 HAS AN ELECTRIC LINE RUNNING FROM THE HOUSE TO THE BARN AND THIS IS TO BE RETURNED TO ORIGINAL CONDITION AFTER CONSTRUCTION
 4. REMOVE ALL EXCESS SPOIL AND DEBRIS FROM SITE
 5. THE PRIVATE CROSSING ON PARCEL #8 (STA. 64+99 TO 65+23) WILL BE REINFORCED WITH RCP BUT THIS PRIVATE CROSSING SECTION WILL NOT BE PLACED ON COUNTY MAINTENANCE
 6. EX. BLOWOUTS AND DECOMMISSIONED TILE TO BE FILLED USING ON-SITE SPOILS
 7. DECOMMISSION EX. TILE FROM STA. 0+00 TO 61+04 AND FROM STA. 77+43 TO NORTH FORK MIAMI RIVER. THE EX. TILE RUNS PARALLEL TO PR. TILE FROM STA. 0 TO STA. 9+67 AND STA. 46+00 TO STA. 60+80; IN MANY OTHER SECTIONS THE EX. TILE DIVERGES FROM PR. TILE ROUTE AS SEEN ON THE SITE PLAN.
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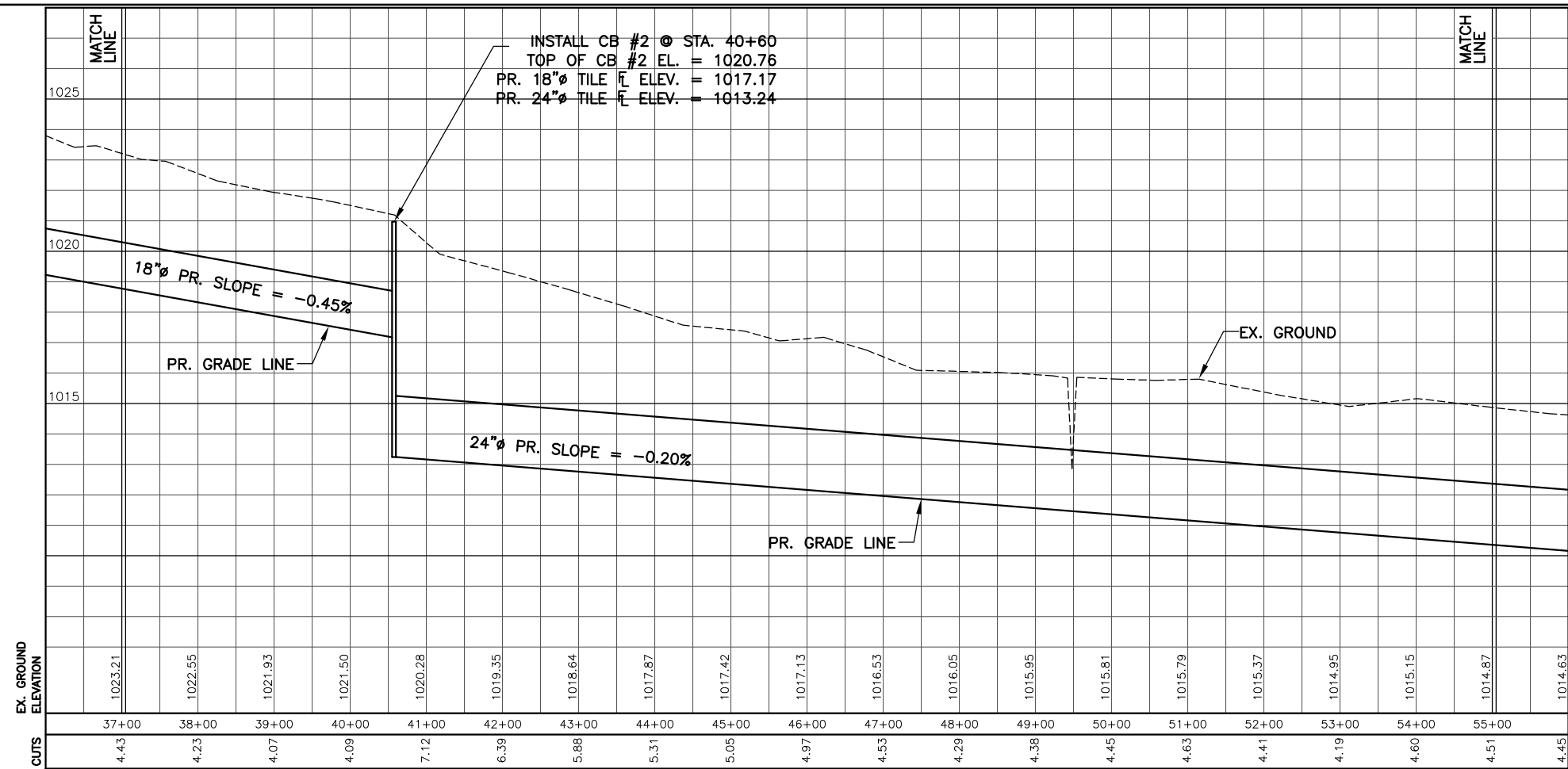




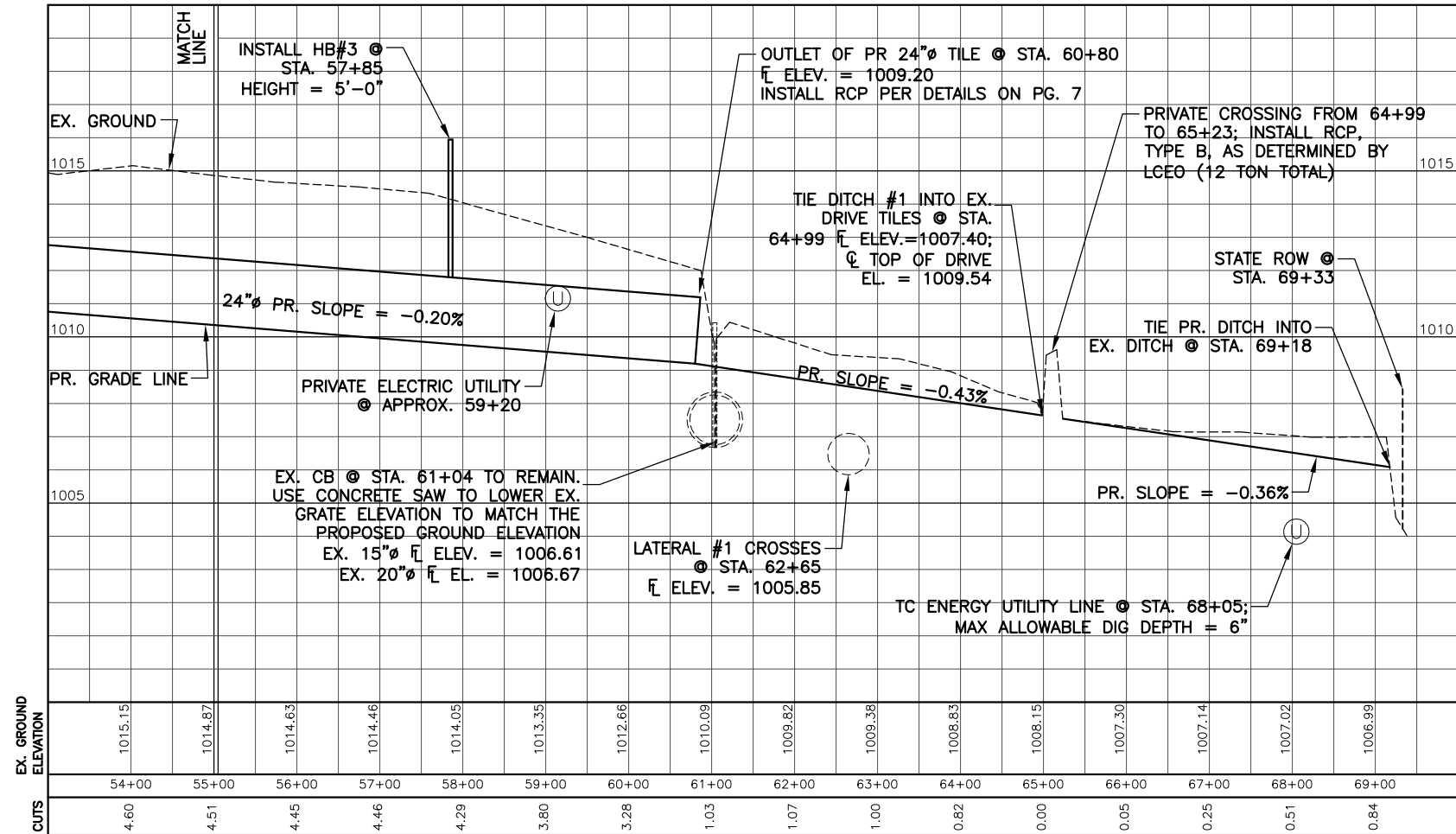
PROFILE: STA. 0+00 TO 18+00



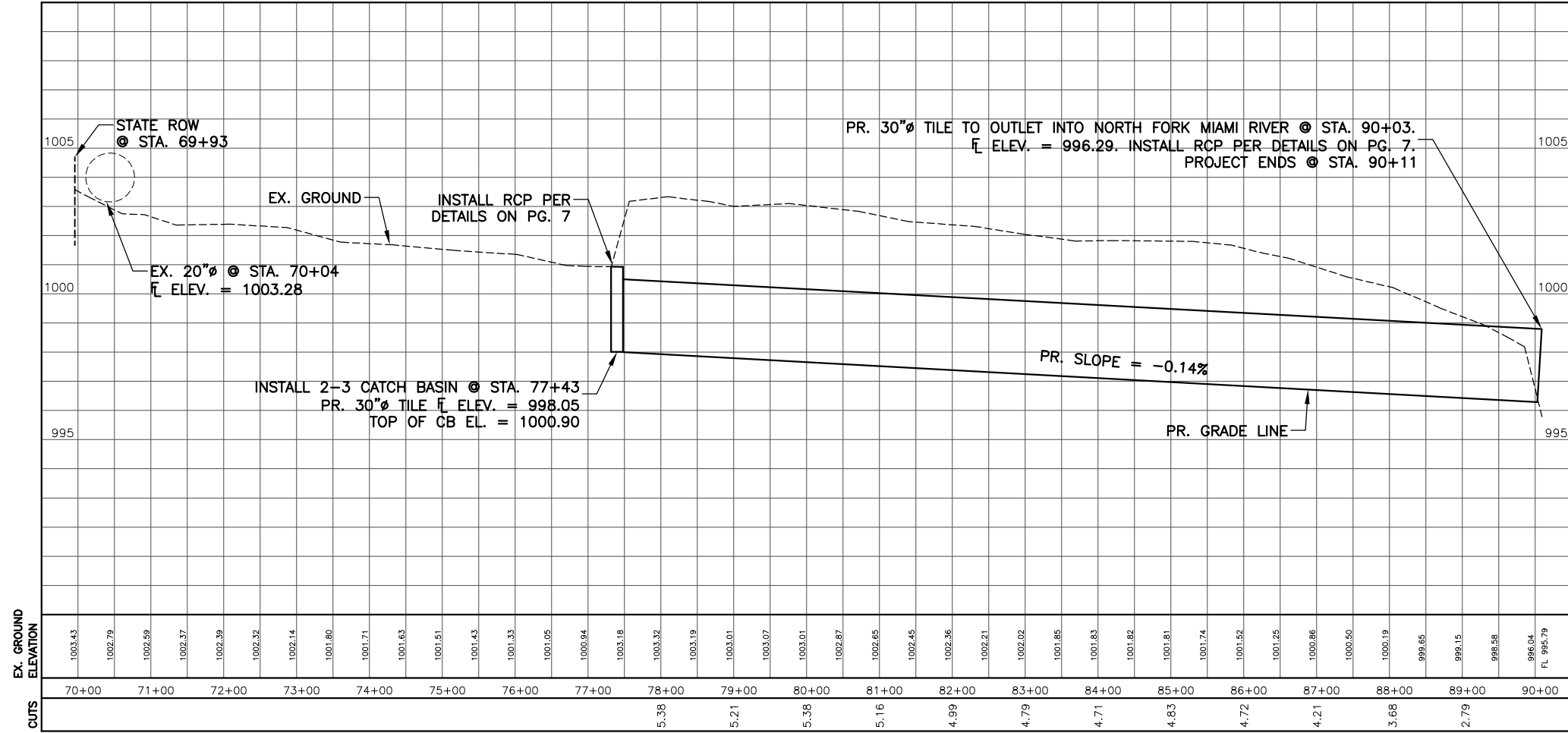
PROFILE: STA. 18+00 TO STA. 36+00



PLAN: STA. 36+00 TO 54+00

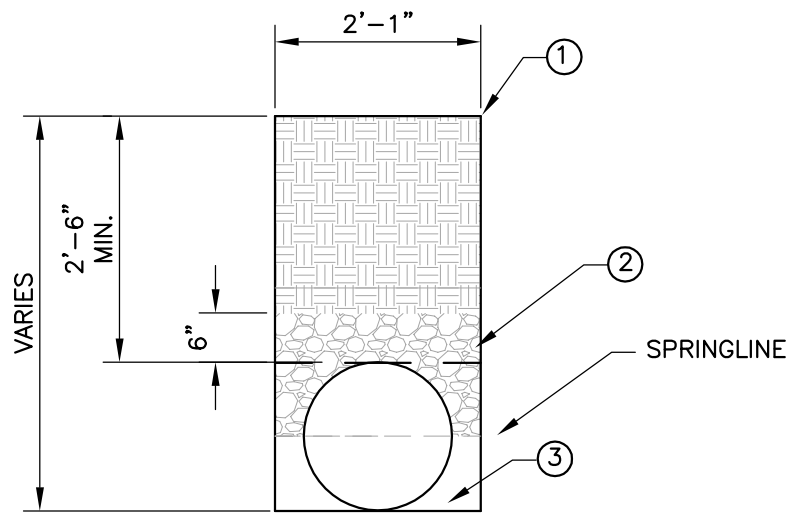


PROFILE: STA. 54+00 TO STA. 69+33

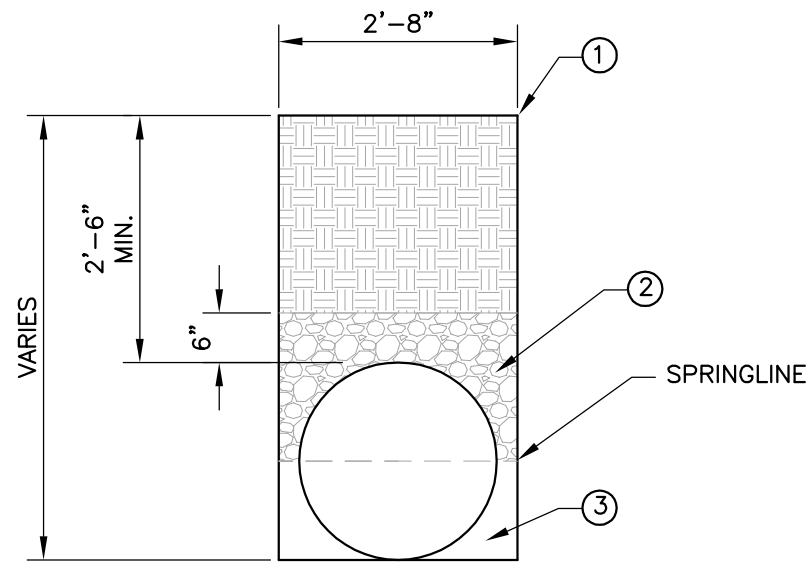


PROFILE: STA. 69+93 TO STA. 90+11

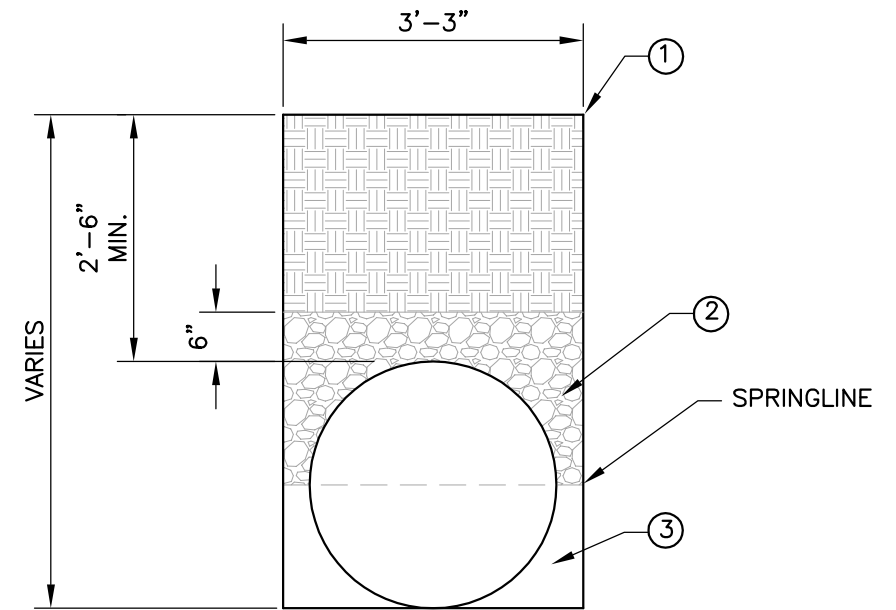
| | |
|--|---|
| | DESIGN AGENCY LOGAN COUNTY ENGINEER'S OFFICE 1991 C.R. 13, P.O. BOX 427 BELLEFONTAINE, OHIO 45311 |
| | DATE 10/15/2021 |
| REVIEWED WTB | DRAWN MJK |
| DESIGNED MJK | CHECKED SCC |
| SHAPE PROFILE 69+93 TO 90+11 | |
| SHAPE DITCH | |



TYP. SECTION VIEW
OF 18"Ø TILES



TYP. SECTION VIEW
OF 24"Ø TILES



TYP. SECTION VIEW
OF 30"Ø TILES

KEY

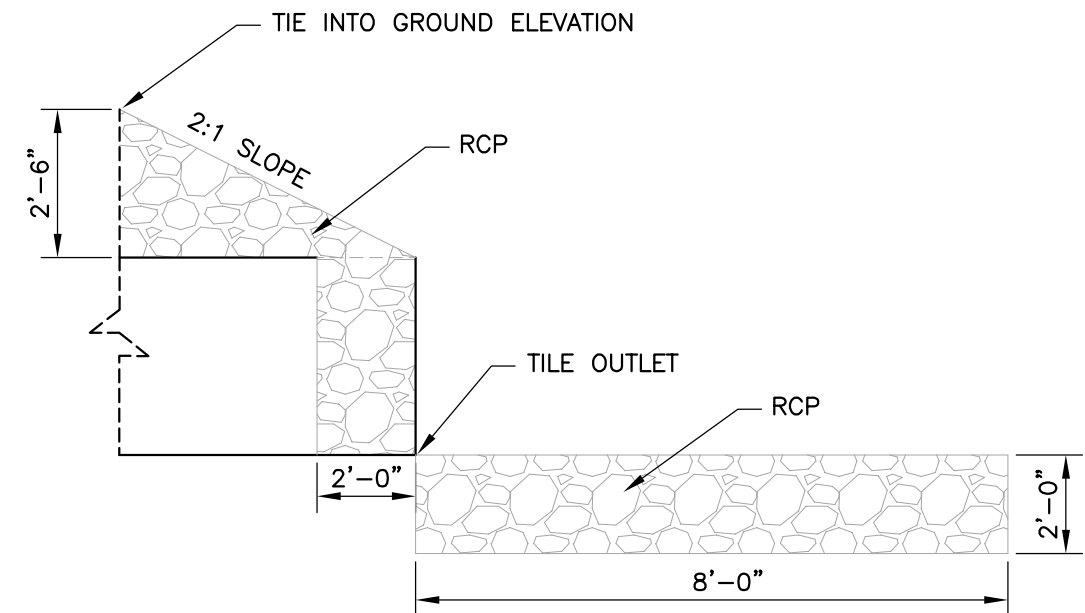
- ① NATURAL EARTH FREE FROM RUBBISH MATERIAL AND STONES LARGER THAN 4" AT THEIR LARGEST DIMENSION. GRADE AS NEEDED. SEED DISTURBED SOIL AS DESCRIBED IN 'SEEDING NOTES'
- ② NO. 8 AGGREGATE FILL
- ③ UNDISTURBED SOIL

TRENCH NOTE

-THE TILE SPOON USED TO CONSTRUCT THE TRENCH GROOVE SHALL BE WITHIN THE GREATER OF 1% OR 1.5" OF THE PIPE'S OUTSIDE DIAMETER

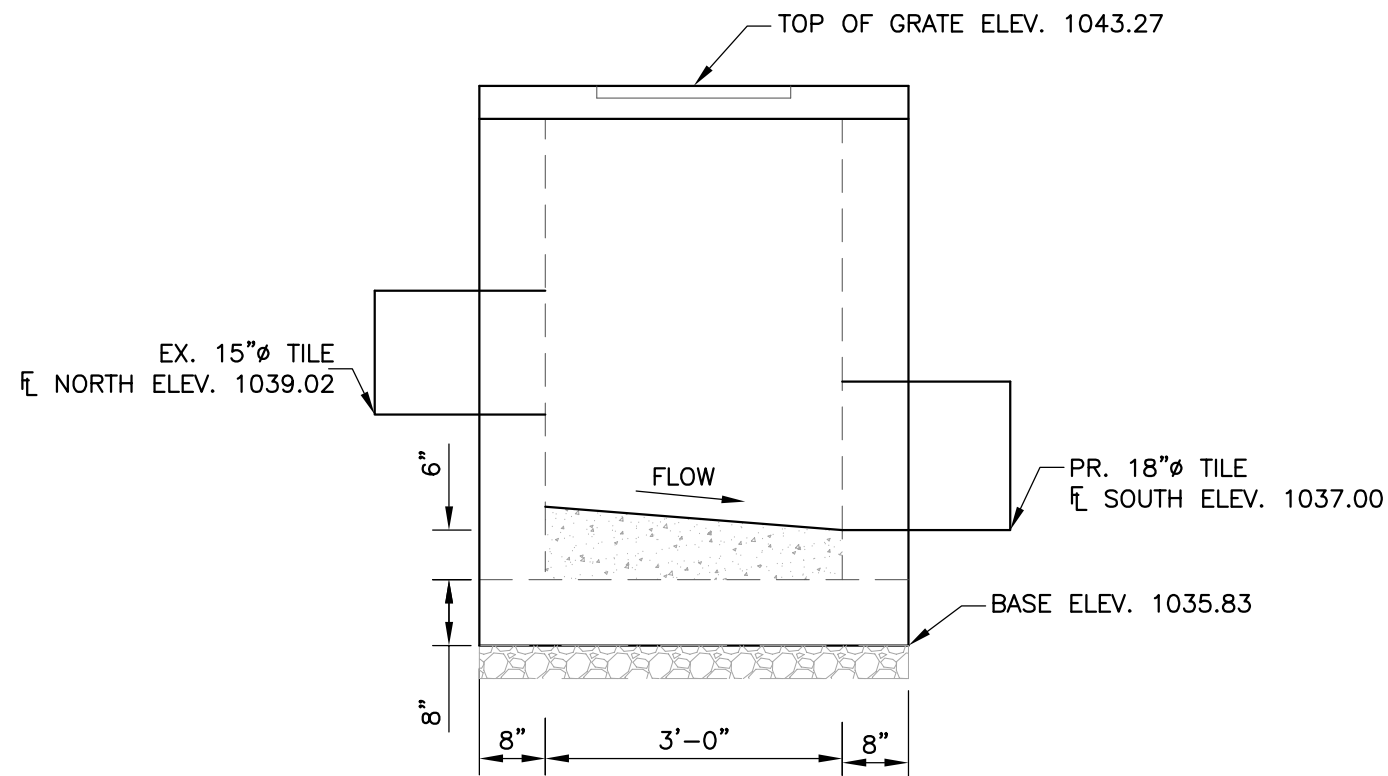
SEEDING NOTES

- SECTIONS OF DECOMMISSIONED TILE THAT CROSS AGRICULTURAL AREAS WILL NOT BE SEEDED
- THE ϕ OF SEEDED STRIPS ARE TO CORRESPOND WITH THE ϕ OF PR. TILES
- SEEDING FROM STA. 57+85 TO STA. 64+99 (THE RESIDENTIAL PROPERTIES LOCATED ON PARCELS #6 AND #7) TO BE DONE IN ACCORDANCE WITH CLASS 1 SPECS LISTED UNDER ODOT CMS TABLE 659.09-1.
- ALL SEEDING THAT IS NOT ON PARCELS #6 AND #7 IS TO BE DONE IN ACCORDANCE WITH CLASS 2 SPECS LISTED UNDER ODOT CMS TABLE 659.09-1
- WIDTH OF SEEDED STRIPS:
 - FROM STA. 0+00 TO STA. 9+67: 20'
 - FROM STA. 9+67 TO STA. 69+18: 40'
 - FROM STA. 77+43 TO STA. 90+03: 40'

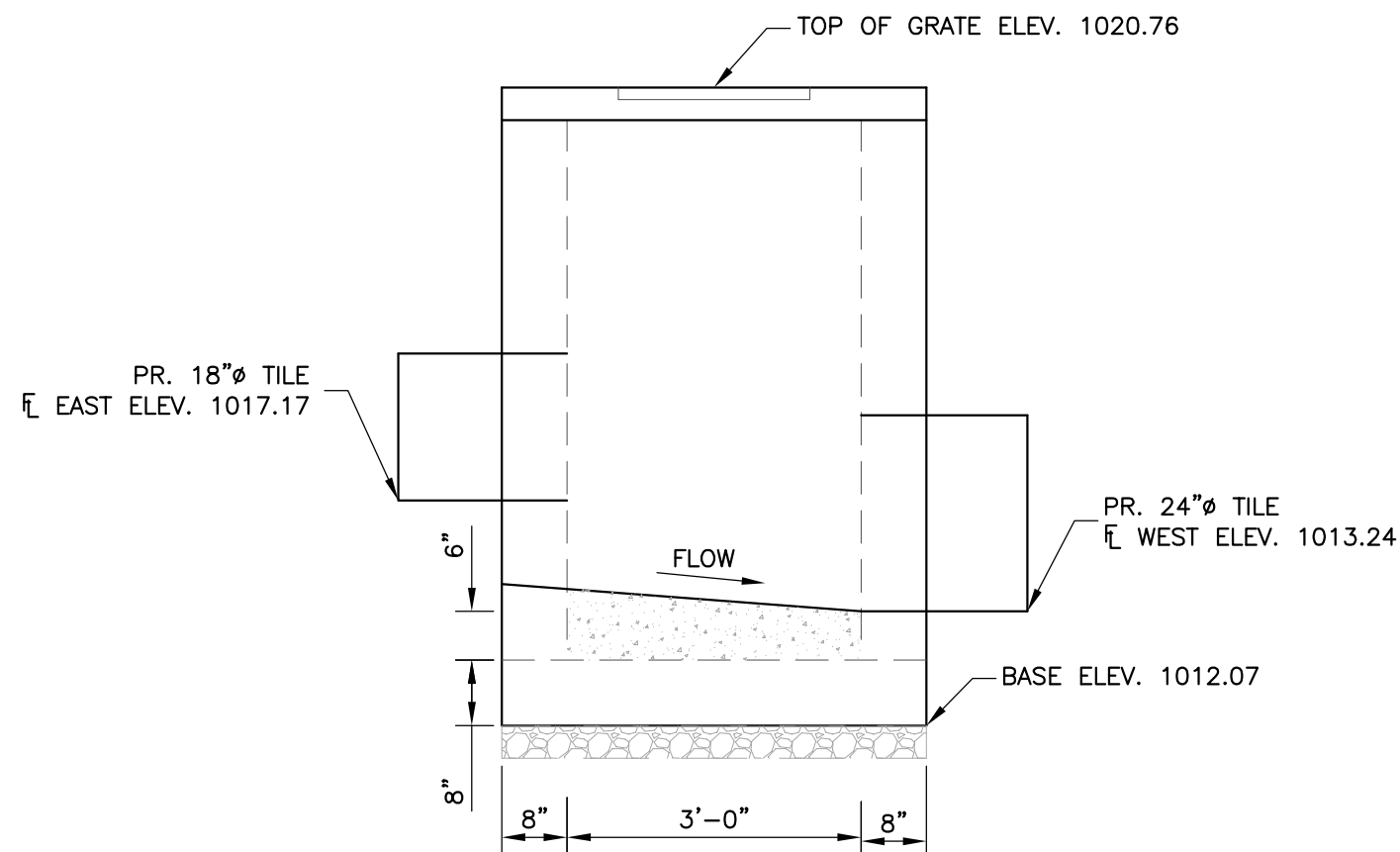


RCP DETAILS FOR
STA. 60+80, 77+73 & 90+03

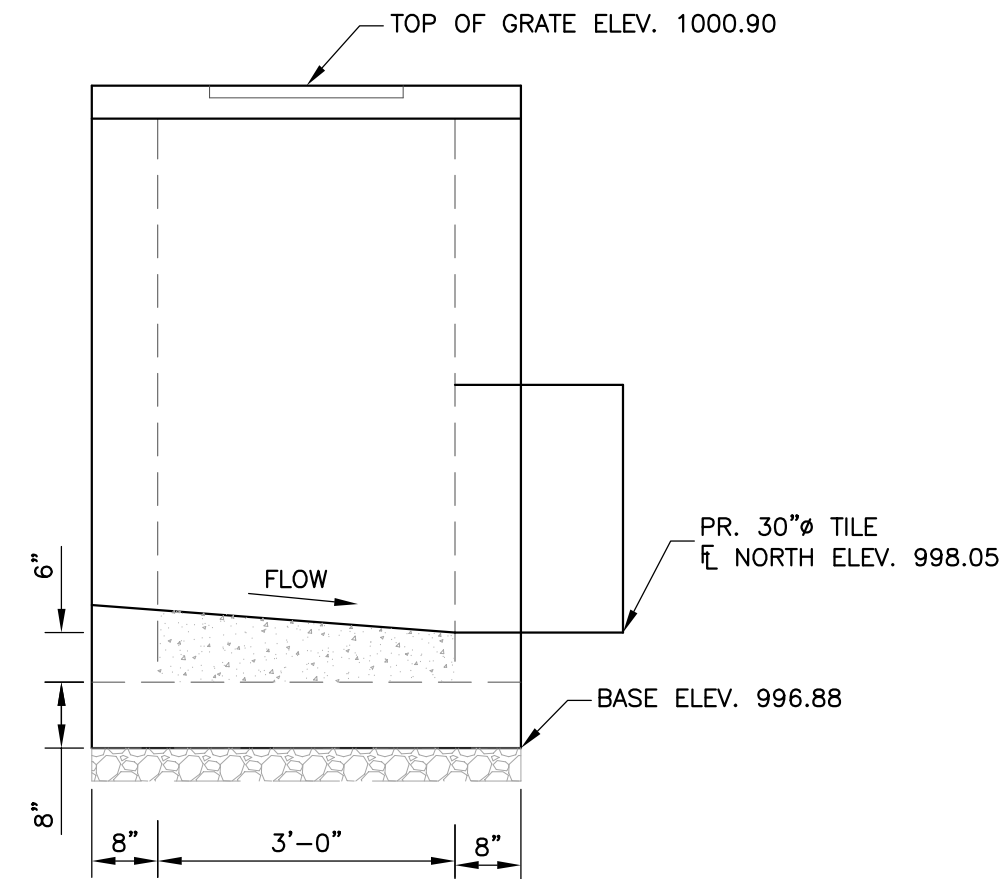
- ALL RCP TO BE TYPE B
- NOT SHOWN: RCP TO ENCASE TILE FOR 2' ON EACH SIDE



2-3 CB #1 SECTION VIEW
TO BE INSTALLED @ STA. 0+00



2-3 CB #2 SECTION VIEW
TO BE INSTALLED @ STA. 40+60

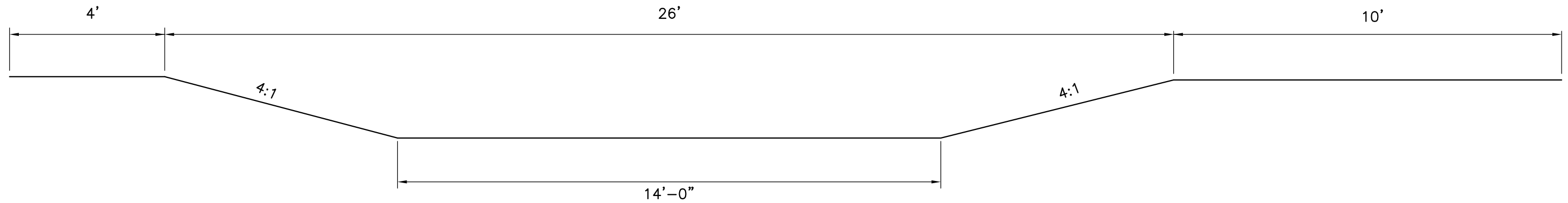


2-3 CB #3 SECTION VIEW
TO BE INSTALLED @ STA. 77+43

NOTES

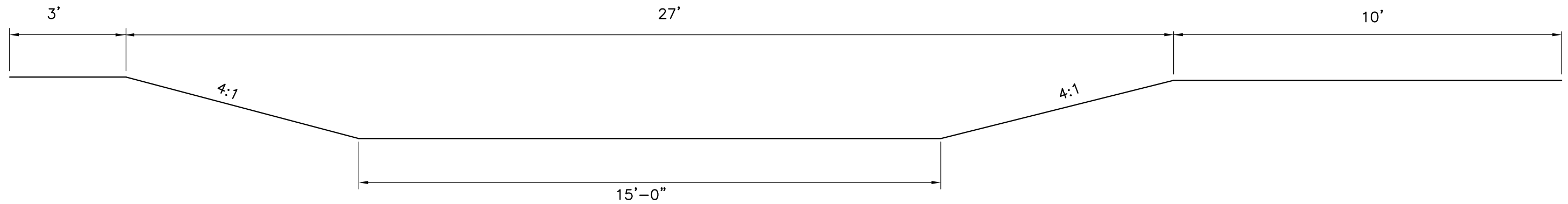
1. 6" MIN. CLEARANCE FROM INSIDE DIAMETER OF PIPE TO BOTTOM OF CATCH BASIN. THIS CLEARANCE SPACE IS TO BE FILLED WITH CONCRETE FROM BAGS OF 4000 PSI COMPRESSIVE STRENGTH CONCRETE MIX AFTER INSTALLATION OF PIPES. THE PRICE OF THESE BAGS IS TO BE INCLUDED IN BID ITEM 611, 2-3 CATCH BASIN.
2. USE 4" CONCRETE CAP AND NEENAH R-3405 GRATE COVER OR EQUAL
3. USE 4" AGGREGATE BEDDING MATERIAL, NO. 8 AGGREGATE FILL
4. TOP OF GRATE ELEVATION TO BE 4-6" BELOW GROUND ELEVATION; RETURN TO NORMAL GROUND ELEVATION WITHIN 10-15' OF ALL SIDES

| | | | |
|----------|------------|---------|-----|
| DESIGNED | MJK | CHECKED | SCC |
| DRAWN | MJK | REVISED | . |
| REVIEWED | WTB | | |
| DATE | 10/15/2021 | | |



TYPICAL SECTION VIEW OF DITCH #1: LOOKING WEST

- BEGIN @ STA. 60+80; PROVIDE POSITIVE DRAINAGE INTO PRIVATE CROSSING PIPES @ STA. 64+99
- TYPICAL DEPTH: 1.50'
- SLOPE OF DITCH = 0.43%
- AVERAGE CUT DEPTH TO \bar{L} : 1.00'
- SEEDING TO INCLUDE 4' AND 10' BERMS



TYPICAL SECTION VIEW OF DITCH #2: LOOKING WEST

- BEGIN @ STA. 65+23; PROVIDE POSITIVE DRAINAGE INTO EX. DITCH @ STA. 69+18
- TYPICAL DEPTH: 1.50'
- SLOPE OF DITCH = 0.36%
- AVERAGE CUT DEPTH TO \bar{L} : 0.5'
- SEEDING TO INCLUDE 3' AND 10' BERMS

| | | | |
|----------|------------|---------|-----|
| DESIGNED | MJK | CHECKED | SCC |
| DRAWN | MJK | REVISED | . |
| REVIEWED | WTB | | |
| DATE | 10/15/2021 | | |

**SHAPE DITCH
BID SHEET**

Bid Letting: November 9, 2021, at 10:00 A.M.

Engineer's Estimate: \$334,988

To the Logan County Commissioners:

The undersigned, having full knowledge of the site, plans and specifications for the project known as Shape Ditch, and the conditions of the bid, hereby agrees to furnish all services, labor, materials and equipment necessary to complete said project, according to the plans and specifications, and to accept the unit prices specified below as full compensation.

| ITEM | QUAN | UNIT | DESCRIPTION | UNIT BID PRICE | TOTAL |
|------|-------|------|--|----------------|-------|
| 202 | 6090 | FT | Decommissioning of 15" clay tile | | |
| 202 | 2018 | FT | Decommissioning of 20" tile | | |
| 202 | 1 | LUMP | Removal of existing drainage structures | | |
| 209 | 7340 | FT | Linear Grading | | |
| 209 | 840 | CY | Ditch Cleanout | | |
| 304 | 15 | TON | Aggregate Fill (10' x 20' x 1' surface course for two access drives) | | |
| 601 | 27 | TON | Rock Channel Protection, Type B | | |
| 611 | 80 | FT | Type B, 24" Polyethylene corrugated double wall pipe (for two access drives) | | |
| 611 | 4060 | FT | Type C, 18" Polyethylene corrugated double wall pipe | | |
| 611 | 2020 | FT | Type C, 24" Polyethylene corrugated double wall pipe | | |
| 611 | 1260 | FT | Type C, 30" Polyethylene corrugated double wall pipe | | |
| 611 | 3 | EA | 2-3 Catch Basin | | |
| 611 | 3 | EA | Hickenbottom, Slotted, 8" diameter (varying heights) | | |
| 659 | 3270 | SY | Seeding & Erosion Protection (Hydroseed; Class 1) | | |
| 659 | 31960 | SY | Seeding & Erosion Protection (Hydroseed; Class 2) | | |
| SPEC | 1 | LUMP | Agricultural Fence (repair and replace in-kind) | | |
| SPEC | 1 | LUMP | Miscellaneous catch basin work (includes all details required at STA. 61+04) | | |
| SPEC | 755 | FT | Miscellaneous tile connections (including tees, couplers, etc) | | |
| | | | CONSTRUCTION TOTAL: | | |

BID CONSTRUCTION TOTAL (written):

BIDDER

SIGNATURE

Prevailing Wage Rate Skilled Crafts

Name of Union: **Labor HevHwy 3**

Change # : LCN01-2021fbLocalHevHwy3

Craft : Laborer Group 1 Effective Date : 05/01/2021 Last Posted : 04/21/2021

| | BHR | | Fringe Benefit Payments | | | | | Irrevocable Fund | | Total PWR | Overtime Rate | |
|--------------------|---------|---------|-------------------------|---------|---------|--------|---------|------------------|-----------|-----------|---------------|----------|
| | | | H&W | Pension | App Tr. | Vac. | Annuity | Other | LECET (*) | | | MISC (*) |
| Classification | | | | | | | | | | | | |
| Laborer Group 1 | \$33.27 | | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$45.22 | \$61.86 |
| Group 2 | \$33.44 | | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$45.39 | \$62.11 |
| Group 3 | \$33.77 | | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$45.72 | \$62.61 |
| Group 4 | \$34.22 | | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$46.17 | \$63.28 |
| Watch Person | \$26.00 | | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$37.95 | \$50.95 |
| Apprentice | | | | | | | | | | | | |
| Apprentice | Percent | | | | | | | | | | | |
| 0-1000 hrs | 60.00 | \$19.96 | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$31.91 | \$41.89 |
| 1001-2000 hrs | 70.00 | \$23.29 | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$35.24 | \$46.88 |
| 2001-3000 hrs | 80.00 | \$26.62 | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$38.57 | \$51.87 |
| 3001-4000 hrs | 90.00 | \$29.94 | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$41.89 | \$56.86 |
| More than 4000 hrs | 100.00 | \$33.27 | \$7.50 | \$3.90 | \$0.45 | \$0.00 | \$0.00 | \$0.00 | \$0.10 | \$0.00 | \$45.22 | \$61.86 |

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, Screed person, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C)

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

Group 3

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

Group 4

Miner, Welder, Gunitite 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.

Prevailing Wage Rate Skilled Crafts

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

Change # : LCN01-2021sksLoc18zone3

Craft : **Operating Engineer** Effective Date : **08/13/2021** Last Posted : **08/13/2021**

| | BHR | | Fringe Benefit Payments | | | | | | Irrevocable Fund | | Total PWR | Overtime Rate |
|-------------------------------|----------------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
| | | | H&W | Pension | App Tr. | Vac. | Annuity | Other | LECET (*) | MISC (*) | | |
| Classification | | | | | | | | | | | | |
| Operator Group A | \$39.14 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$55.09 | \$74.66 |
| Operator Group B | \$39.02 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$54.97 | \$74.48 |
| Operator Group C | \$37.98 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$53.93 | \$72.92 |
| Operator Group D | \$36.80 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$52.75 | \$71.15 |
| Operator Group E | \$31.34 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.29 | \$62.96 |
| Master Mechanic | \$39.39 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$55.34 | \$75.03 |
| Cranes 150'-180' | \$39.64 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$55.59 | \$75.41 |
| Cranes 180'-249' | \$40.14 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$56.09 | \$76.16 |
| Cranes 249' and over | \$40.39 | | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$56.34 | \$76.53 |
| Apprentice | | | | | | | | | | | | |
| | Percent | | | | | | | | | | | |
| 1st Year | 50.00 | \$19.57 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$35.52 | \$45.31 |
| 2nd Year | 60.00 | \$23.48 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$39.43 | \$51.18 |
| 3rd Year | 70.00 | \$27.40 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$43.35 | \$57.05 |
| 4th Year | 80.00 | \$31.31 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.26 | \$62.92 |
| Field Mechanic Trainee | | | | | | | | | | | | |
| 1st Year | 50.00 | \$19.57 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$35.52 | \$45.31 |
| 2nd Year | 60.00 | \$23.48 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$39.43 | \$51.18 |
| 3rd Year | 70.00 | \$27.40 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$43.35 | \$57.05 |
| 4th Year | 80.00 | \$31.31 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.26 | \$62.92 |

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

Ratio :

For every (3) Operating Engineer Journeymen employed by the company there may be employed (1) Registered Apprentice or trainee Engineer through the referral when they are available. An 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... **LOGAN...**

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; Panel boards, (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; End loaders; 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 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; Guniting 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

Printed 10/18/2021

Prevailing Wage Rate Skilled Crafts

Name of Union: **Operating Engineers - HevHwy Zone II**

Change # : LCN01-2021sksLoc18hevhwyl

Craft : **Operating Engineer** Effective Date : **08/13/2021** Last Posted : **08/13/2021**

| | BHR | | Fringe Benefit Payments | | | | | | Irrevocable Fund | | Total PWR | Overtime Rate |
|-----------------------------------|----------------|---------|-------------------------|---------|---------|--------|---------|--------|------------------|----------|-----------|---------------|
| | | | H&W | Pension | App Tr. | Vac. | Annuity | Other | LECET (*) | MISC (*) | | |
| Classification | | | | | | | | | | | | |
| Operator Class A | \$39.14 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$55.09 | \$74.66 | |
| Operator Class B | \$39.02 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$54.97 | \$74.48 | |
| Operator Class C | \$37.98 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$53.93 | \$72.92 | |
| Operator Class D | \$36.80 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$52.75 | \$71.15 | |
| Operator Class E | \$31.34 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.29 | \$62.96 | |
| Master Mechanic | \$39.39 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$55.34 | \$75.03 | |
| Apprentice | | | | | | | | | | | | |
| | Percent | | | | | | | | | | | |
| 1st Year | 50.00 | \$19.57 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$35.52 | \$45.31 | |
| 2nd Year | 60.00 | \$23.48 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$39.43 | \$51.18 | |
| 3rd Year | 70.00 | \$27.40 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$43.35 | \$57.05 | |
| 4th Year | 80.00 | \$31.31 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.26 | \$62.92 | |
| Field Mech Trainee Class 2 | | | | | | | | | | | | |
| 1st year | 50.00 | \$19.57 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$35.52 | \$45.31 | |
| 2nd year | 60.00 | \$23.48 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$39.43 | \$51.18 | |
| 3rd year | 70.00 | \$27.40 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$43.35 | \$57.05 | |
| 4th year | 80.00 | \$31.31 | \$8.76 | \$6.25 | \$0.85 | \$0.00 | \$0.09 | \$0.00 | \$0.00 | \$47.26 | \$62.92 | |

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

Ratio :

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) 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); Signaller; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.
Master Mechanic - Master Mechanic

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 # : LCRO1-2021fbBldgHevHwy

Craft : Truck Driver Effective Date : 05/21/2021 Last Posted : 05/21/2021

| | 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, Oil Distributor - Asphalt Distributor- Tandems | \$29.24 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$45.44 | \$60.06 | |
| Apprentice | Percent | | | | | | | | | | | |
| First 6 months | 80.00 | \$23.39 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$39.59 | \$51.29 |
| 7-12 months | 85.00 | \$24.85 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$41.05 | \$53.48 |
| 13-18 months | 90.00 | \$26.32 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$42.52 | \$55.67 |
| 19-24 months | 95.00 | \$27.78 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$43.98 | \$57.87 |
| 25-30 months | 100.00 | \$29.24 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$45.44 | \$60.06 |

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... **LOGAN**....

Special Jurisdictional Note :

Details :

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

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 # : LCRO1-2021fbBldgHevHwy

Craft : Truck Driver Effective Date : 05/21/2021 Last Posted : 05/21/2021

| | 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- Asphalt-Oil Spray bar men- 5 Axle & Over - Belly Dumps-End Dumps-Articulated Dump Trucks- Low boys-Heavy duty Equipment(irrespective of load carried) when used exclusively for transportation-Truck Mechanics (when needed) | \$29.66 | | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$45.86 | \$60.69 |
| Apprentice | Percent | | | | | | | | | | | |
| First 6 months | 80.00 | \$23.73 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$39.93 | \$51.79 |
| 7-12 months | 85.00 | \$25.21 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$41.41 | \$54.02 |
| 13-18 months | 90.00 | \$26.69 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$42.89 | \$56.24 |
| 19-24 months | 95.00 | \$28.18 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$44.38 | \$58.47 |
| 25-30 months | 100.00 | \$29.66 | \$7.50 | \$8.50 | \$0.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$45.86 | \$60.69 |

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... , **LOGAN**...

Special Jurisdictional Note :

Details :

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