

Addendum No. 1
Rock River Water Reclamation District
Rockford Southeast Trunk – South Branch
Capital Project No. 1965

This Addendum Number 1, dated August 30, 2019, for the above referenced project, supersedes all contrary and conflicting information in the specifications and contract documents, which are hereby supplemented or revised as follows:

GENERAL

Mandatory Pre-Bid Meeting

1. The minutes and attendance sheet from the mandatory Pre-Bid Meeting held August 29, 2019 are attached. Questions, comments, discussion, information, and clarifications included in the minutes are hereby considered part of the Contract Documents.

Soil Borings

1. Stationing for all soil borings are listed below. Stationing is based upon the Proposed Sanitary Alignment.
 - Soil Boring #1: STA 101+09.64, 57.41' RT
 - Soil Boring #2: STA 105+81.38, 0' RT
 - Soil Boring #3: STA 110+81.38, 0' RT
 - Soil Boring #4: STA 115+81.37, 0' RT
 - Soil Boring #5: STA 120+81.38, 0' RT
 - Soil Boring #6: STA 128+86.02, 0' RT
 - Soil Boring #7: STA 133+46.01, 0' RT
 - Soil Boring #8: STA 139+76.76, 15.53' LT
 - Soil Boring #9: STA 141+50.81, 90.67' LT
 - Soil Boring #10: STA 103+27.48, 11.67' RT
 - Soil Boring #11: STA 108+35.55, 0' RT
 - Soil Boring #12: STA 113+27.20, 0' RT
 - Soil Boring #13: STA 118+35.56, 0' RT
 - Soil Boring #14: STA 123+31.38, 0' RT
 - Soil Boring #15: STA 127+29.52, 0' RT
 - Soil Boring #16: STA 131+26.45, 0' RT
 - Soil Boring #17: STA 135+89.76, 0' RT

PROJECT PLANS REVISIONS

Sheet 7 of 38: TYPICAL SECTIONS & PROJECT DETAILS

1. The AGRICULTURAL FIELD DRAIN DETAIL and the AGRICULTURAL FIELD DRAIN SECTION have been updated to reflect that the depth of the STONE RIPRAP RR3 is 12".

This information shall be taken into consideration when preparing your bid. Bidders shall acknowledge all project addenda. This addendum will be E-mailed to all plan holders as well as posted to the District's website at www.rwrddst.il.us.

End of Addendum No. 1

Issued August 30, 2019

Rock River Water Reclamation District



Christopher T. Baer, PE
Engineering Manager

ROCK RIVER WATER RECLAMATION DISTRICT
ROCKFORD SOUTHEAST TRUNK – SOUTH BRANCH
CAPITAL IMPROVEMENT PROJECT #1965
MANDATORY PRE-BID MEETING MINUTES

10:00 AM, August 29, 2019 at RRWRD Graceffa Administration Building
3501 Kishwaukee Street, Rockford IL

I. General

- A. Attendance Sheet – please sign in.
- B. Project Description.

The Rockford Southeast Trunk – South Branch, Capital Improvement Project #1965, includes the construction of 4,000 LF of 30” dia. PVC sanitary sewer, 12 sanitary manholes (complete with liner), 120 LF of 54” dia. steel casing pipe jacked in-place with 30” dia. PVC carrier pipe, dewatering, the excavation, stockpiling, and placement of topsoil, storm sewer removal and replacement, aggregate access road construction (including underdrain and subgrade improvement), riprap bank stabilization, preparation of agricultural areas and seeding restoration. This project is located within public easements north of Edson Road in Winnebago County, Illinois.

II. Contract

- A. Bids are due at 10:00 AM on Tuesday September 10, 2019 at the District’s office at which time they will be read aloud.
 - 1. Bids will only be accepted from Contractors that are in attendance at this Pre-Bid Meeting.
 - 2. Submitted Bids shall include all items listed in the bid packet, including:
 - a. Completed Proposal.
 - b. Bid Bond (5%) on District form provided in the Specifications.
 - c. Fair Employment Practices Affidavit on District form provided (must include Illinois Department of Human Rights Registration number).
- B. Tentative bid award date is the September 16, 2019 RRWRD Board Meeting.
- C. Project Completion: This project contains interim and final completion dates, as noted below. Liquidated damages are \$300 per calendar day. A construction schedule shall be submitted upon project award. **The District stated these dates were established due to commitments made and they shall be adhered to by the Contractor.**
 - 1. December 15, 2019: All sanitary sewer construction to be completed.
 - 2. April 15, 2020: All access road construction to be completed.
 - 3. May 15, 2020: All remaining final restoration work (including all seeding and preparation of agricultural areas) to be completed.
- D. Insurance and Bonding documentation shall be provided to the District no more than 10 calendar days after the Notice of Award is issued.
- E. Submittals: Required submittals are listed in the applicable sections of Article 3: Detailed Specifications.
- F. Progress Payments: Pay Estimates will be prepared at the end of each month. The Contractor shall return one (1) signed copy of the pay estimate to the District by the 10th of the month, including waiver of lien and certified payrolls. If approved, payment will be made by the 5th day of the following month. Retention shall be 10% until project completion.

III. Permits

- A. A Notice of Intent has been submitted to the IEPA for this project. **The NOI was submitted on August 29, 2019.**
- B. A right-of-way permit may be required by the City of Rockford for any work to occur adjacent to Edson Road west of the at-grade railroad crossing. East of the crossing Edson Road is under the Village of Davis Junction’s jurisdiction; the Village has indicated that no right-of-way permit is necessary for this work.

- C. The District has received a Letter of Consent for work on the ComEd transmission line easement north of Edson Road; the Contractor shall follow all requirements included within the Letter. (*Section VI – Commonwealth Edison Letter of Consent*)
- D. The District is entering into a license agreement with OmniTRAX (parent company of the Illinois Railway) for the proposed casing crossing. Upon execution of the license, the Contractor shall be responsible for securing the Right of Entry and the Railroad Protective Liability Insurance prior to the casing being installed. The Contractor is responsible for scheduling of railroad flagging services through OmniTRAX. (*Section IV – Illinois Railway Insurance Forms and Right-of-Entry Documents*).

IV. General and Project Specific Construction

- A. All construction access for this project shall utilize Edson Road within the easement limits, and all limits shall be adhered to strictly by the Contractor. Should the contractor need additional access, other arrangements are to be made between the contractor and the individual property owners and not involve the District.
- B. A construction staging plan has been included on Plan Sheet 6. The Contractor shall follow this proposed staging for the duration of construction; if they wish to deviate from it or incorporate additional crews to complete the work then a detailed work plan shall be submitted to the District for approval. **It was noted that the District will be requiring a detailed construction schedule to be submitted and approved prior to construction beginning.**
- C. Attention is drawn to the importance of properly bedding the proposed sanitary sewer in accordance with the Specifications. The sewer trench is to be improved via the *Sanitary Sewer Trench Subbase Improvement* pay item prior to installation of any sewer bedding (*Section I, Article 3 – Detailed Specifications; Pages 16-17*). This trench improvement shall be installed to a depth of no less than 1'; greater depths may be directed by the District. The trench shall be constructed in such a manner that the bedding material will be fully supported within the bedding envelope and trench wall materials will not migrate into the bedding layer. (*Section I, Article 3 – Detailed Specifications; Page 7*)
- D. All new precast manholes shall have an internal epoxy lining system installed to the walls, benches, and inverts. The lining shall have a minimum thickness of 125 mils and be applied either in the precast facility or in the field. Minimum lining product requirements and pre-approved lining systems are included in the specifications. (*Section I, Article 3 – Detailed Specifications; Pages 11-12*)
- E. Prior to the installation of the steel casing, all right of entry and insurance requirements shall be fulfilled with OmniTRAX. The District requires a work plan depicting the means and methods of the jacking operations to be approved prior to work beginning. Railroad flaggers must be onsite during all work within the Railroad right-of-way. (*Section I, Article 3 – Detailed Specifications; Pages 14-15*)
- F. A dewatering plan shall be submitted to the District for approval prior to any system being installed. The *Dewatering* pay item shall apply to site dewatering efforts and not to trench dewatering solely. Any permits required shall be obtained by the Contractor. (*Section I, Article 3 – Detailed Specifications; Pages 17-18*)
- G. No topsoil shall leave the site – it shall be handled according to the guidance given in the Plans and Specifications. Topsoil shall be removed to a depth of 2' throughout the limits shown on the plans and stockpiled along the east edge of the temporary easement. Handling of the topsoil shall be done to minimize mixing of materials. If there is surplus topsoil upon completion of topsoil spreading and restoration operations, the material shall be transported and placed at other onsite locations at the direction of the District. Topsoil placement shall commence once the sewer construction has been completed to STA 110+00, thence proceed such that topsoil placement remains within 500' of sewer construction at all times. Topsoil shall be installed and finished to drain at all times (*Section I, Article 3 – Detailed Specifications; Pages 18-19*). **It was noted that the Contractor shall use extreme caution handling the topsoil materials and minimize compaction of existing soils.**
- H. It is anticipated that the sewer construction will expose existing field tiles and underdrains. The *Exploration Trench (Special)* pay item shall be used to verify locations of field tiles as

encountered, and as necessary. All field tiles encountered shall be preserved and/or reconnected utilizing the *Storm Sewers (Special), Various Diameter* pay item. (*Section I, Article 3 – Detailed Specifications; Pages 19-20*)

- I. Agricultural areas shall be prepared in accordance with the *Preparation of Agricultural Areas* pay item. This work needs to be accomplished to the satisfaction of the individual property owners. (*Section I, Article 3 – Detailed Specifications; Page 31*)
- J. The Contractor shall provide all construction staking for this project; costs shall be included in the *Construction Layout* pay item. The District will stake the easement limits prior to the Contractor mobilizing into the site. Upon Contract execution, the District will upon request provide .dwg files to the Contractor for layout use. (*Section I, Article 3 – Detailed Specifications, Pages 33-34*).
- K. Soil borings have been included within the Contract for reference. (*Section III – Soil Borings*)

V. Questions and Discussion

- A. The project site currently contains crops. The District noted that advance notice would be critical for the anticipated project start date such that the property owner could determine whether they would remove the crops prior to work starting.
- B. The District stressed that this project, while within public easements, is on private property so maintaining a clean site is essential. Backfilling operations shall be done in order to maintain drainage at all times. Completion dates were established such that it allows the property owner the opportunity to plant crops in spring 2020.
- C. Should prospective bidders wish to visit the site, they should contact Bill Gensler of Gensler Gardens at 815-520-4041 to provide advanced notice. Bidders are to stay near the railroad tracks on the west edge of the easement when visiting the site.
- D. A request was made for the anticipated flow rates at existing Manhole #197-014 (which is to be removed and replaced) for the purposes of identifying bypass pumping options. A check of recent District records indicate the following flows should be anticipated:
 - Daily Average Flow: 150,000 Gallons per Day (GPD)
 - Daily Maximum Flow: 375,000 GPD
- E. A question was raised regarding the thickness dimension of the Stone Riprap RR3 shown on Plan Sheet No. 7; they pay item reflects a depth of 12" while the detail shows a depth of 24". The proposed depth should be 12"; a revised plan sheet will be included with Addendum No. 1 reflecting this correction.
- F. Any other questions by bidders concerning the project shall be directed to Tyler Nelson (contact information is included in the sign-in sheet). Questions will be entertained until 4:00 PM on Thursday, September 5, 2019 such that there is time for an addendum to be issued prior to the bid opening.

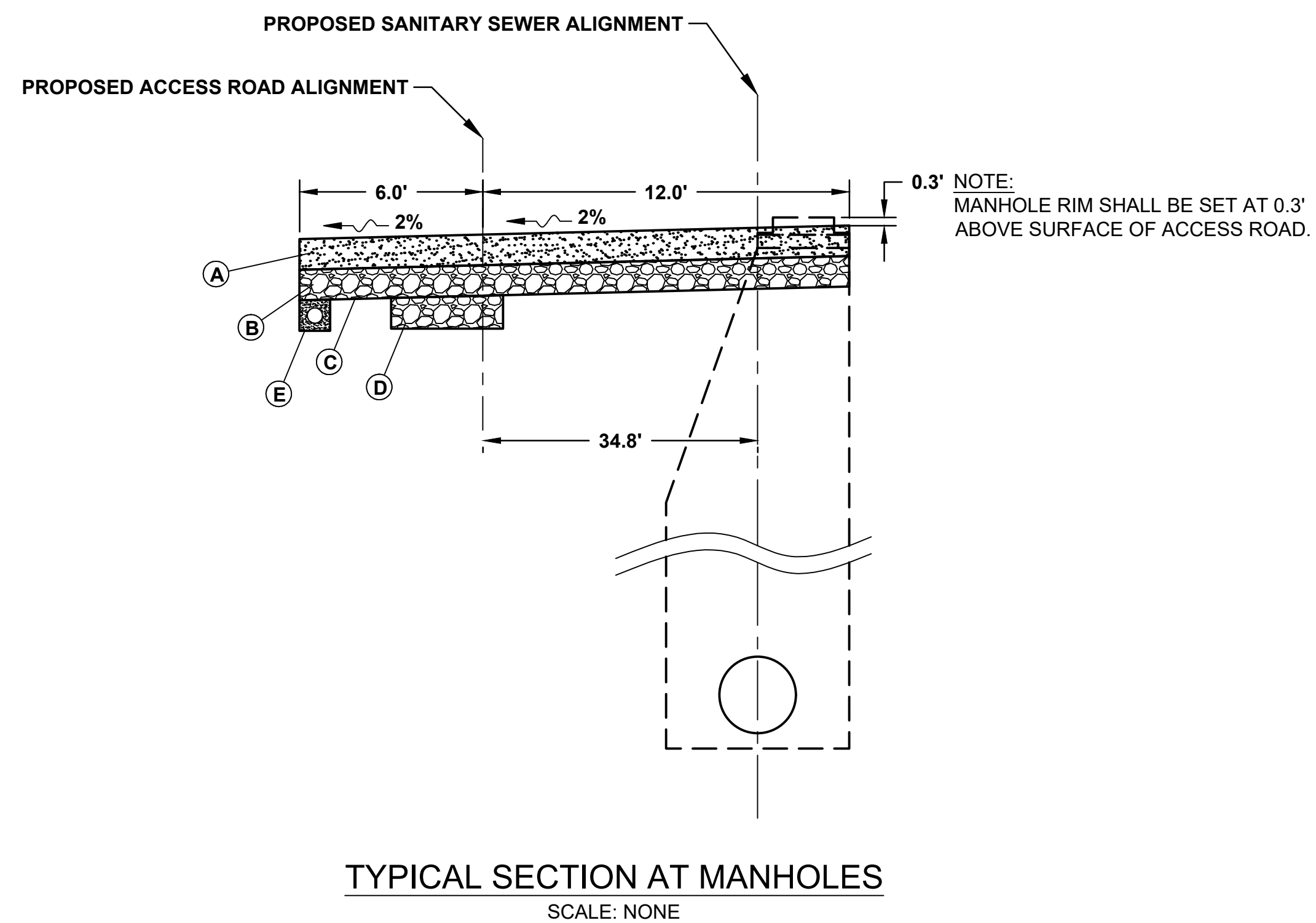
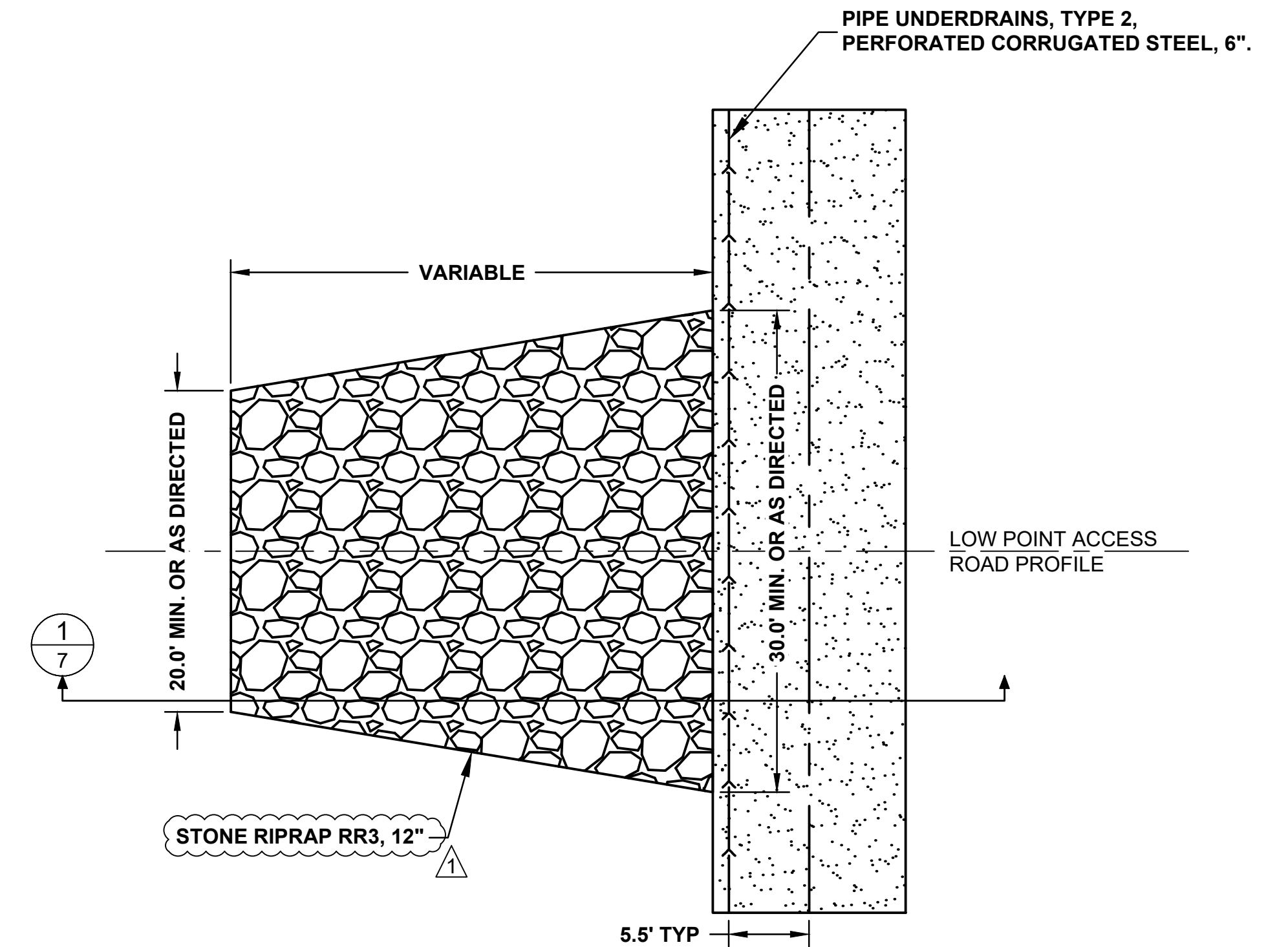
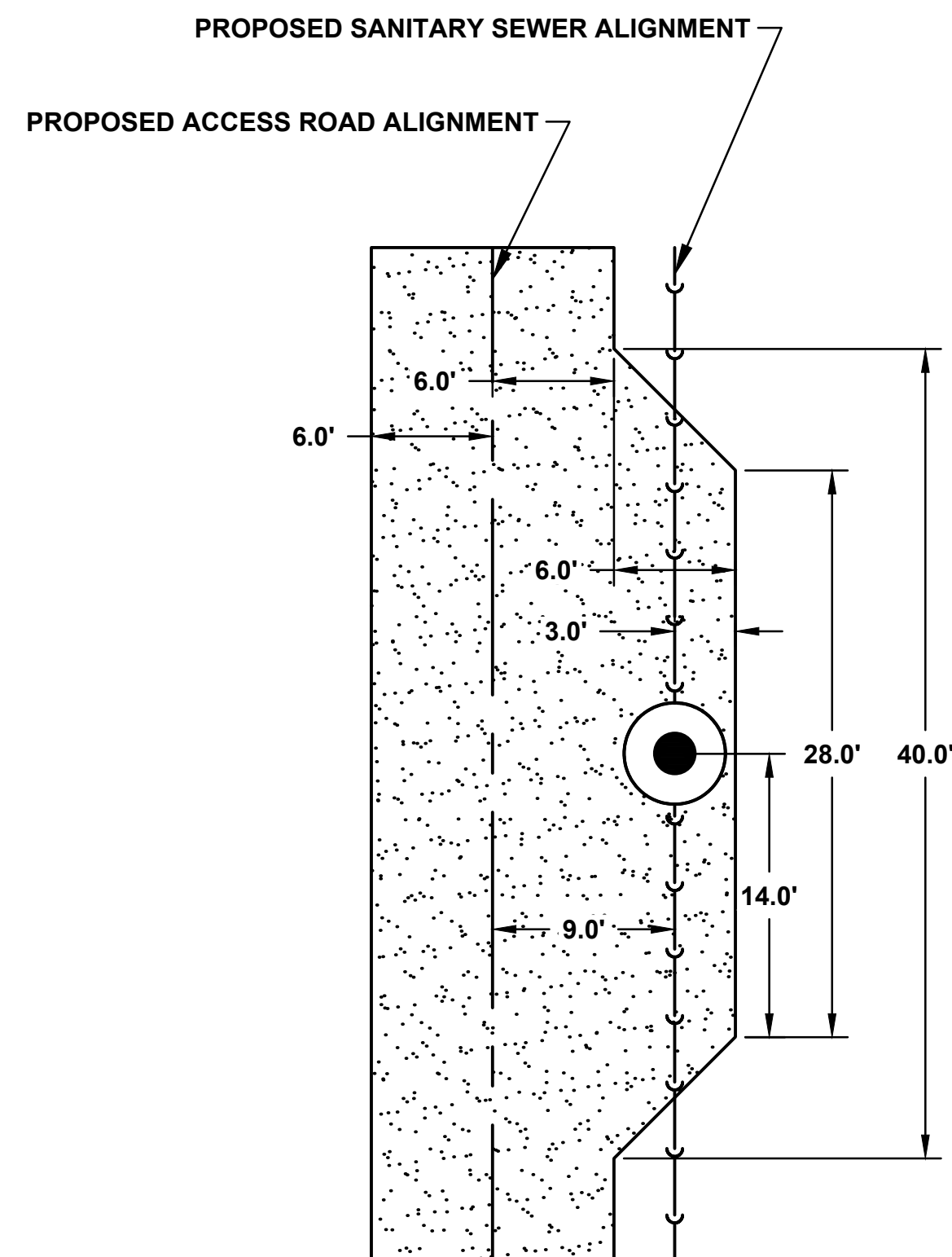
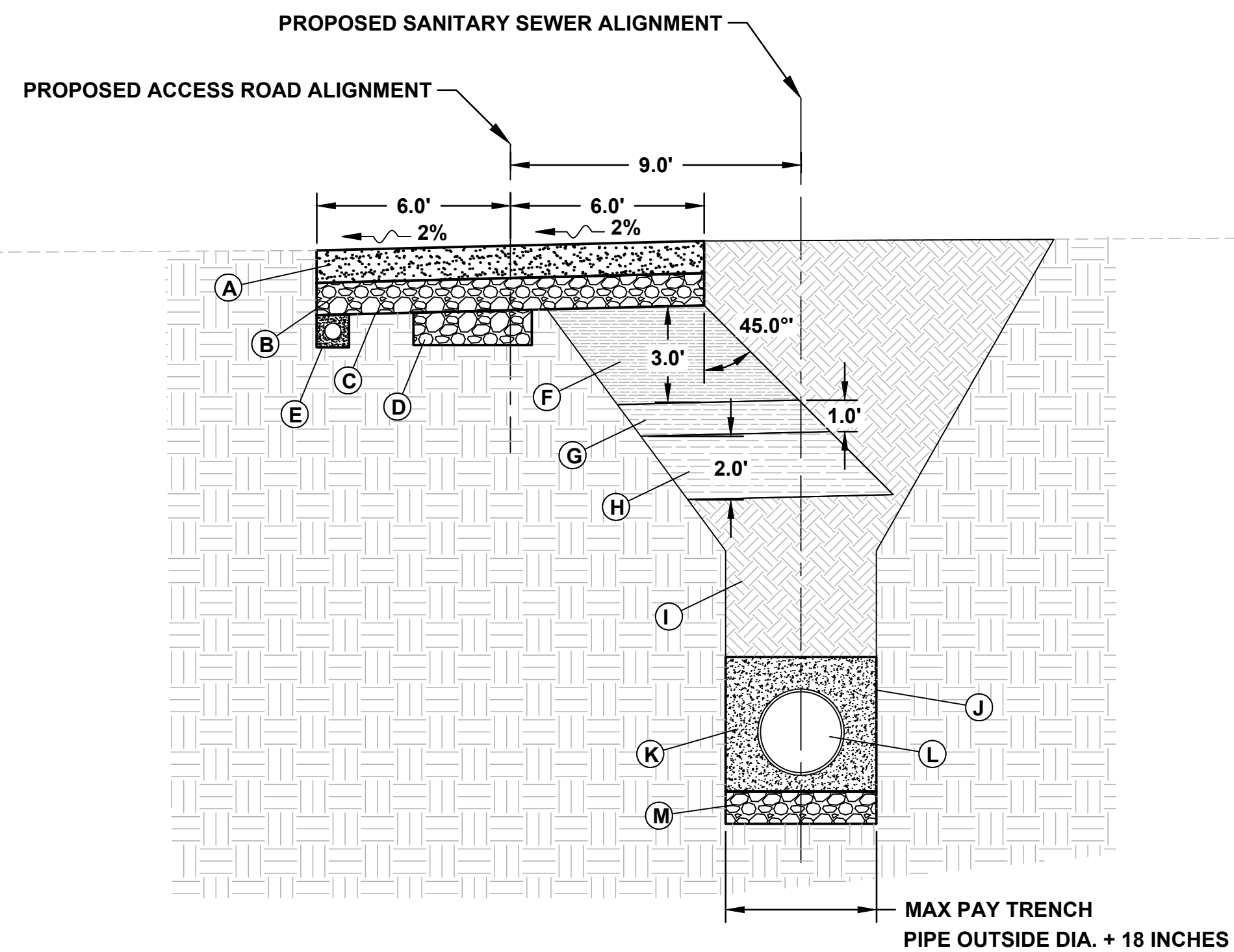
Date: August 29, 2019

Time: 10:00 AM

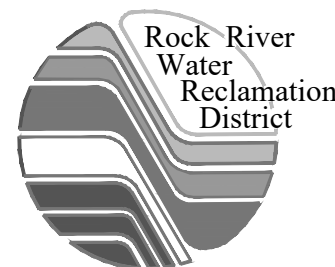
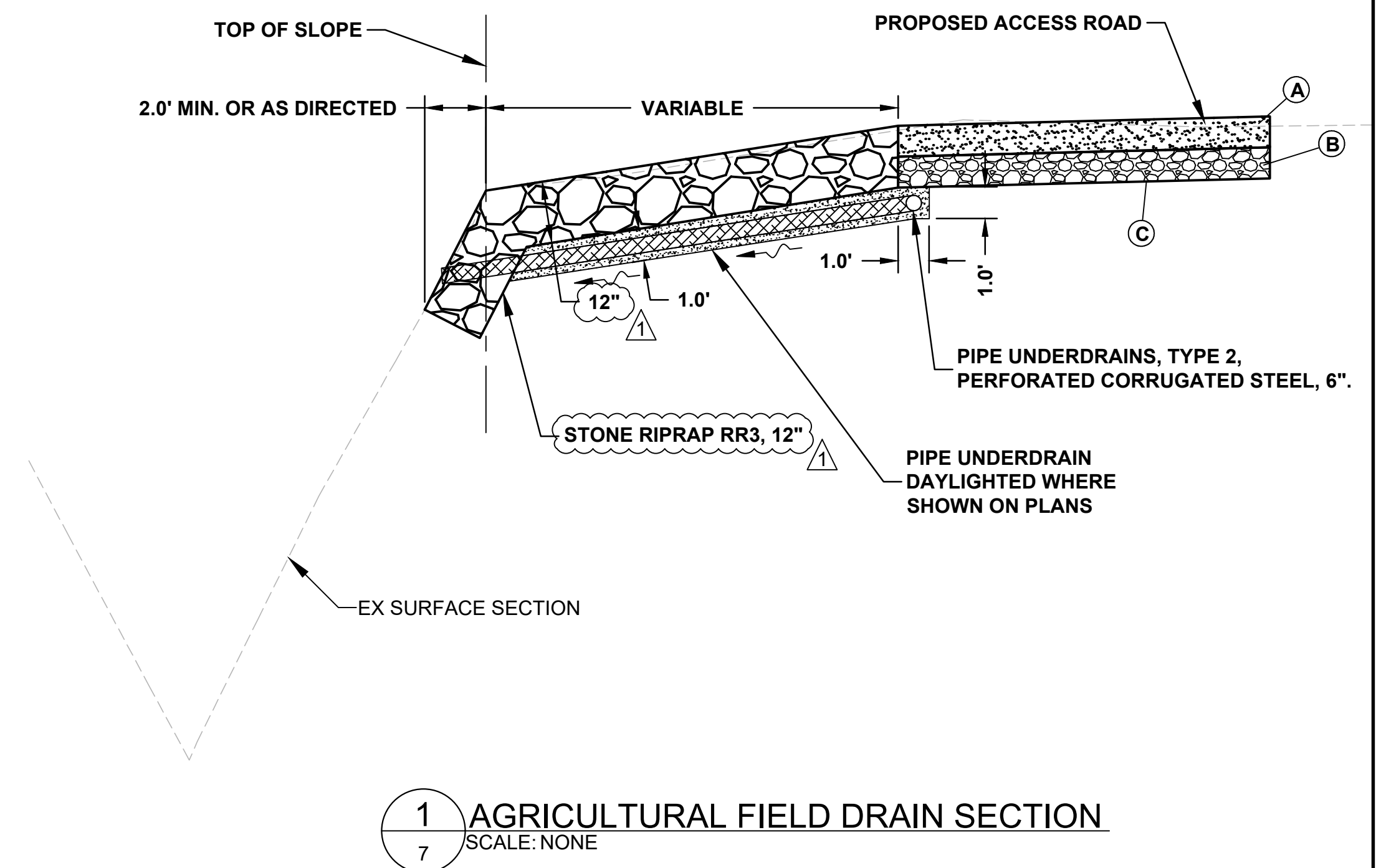
PRE-BID MEETING ATTENDANCE SHEET

Project: Rockford Southeast Trunk – South Branch, CIP #1965

Name of Individual	Company	Company Address	Phone #	Email
Dave Munson	William Charles Construction	833 Featherstone Road Rockford, IL	815-654-4700	estimating@williamcharlesconstruction.com
Ryan Hathaway	N-TRAK	1523 Windsor Road Loves Park, IL	815-282-3000	rhathaway@ntrakgroup.com
Larry Kuehne	Martin & Co.	2456 E. Pleasant Grove Rd. Oregon, IL	815-732-2422	info@martincoinc.net
Garry Sementa	Archon Construction	56 S. Route 53 Addison, IL	630-495-0015	Garry@archononline.com
Mark Ziemba	Fischer Excavating	1567 N. Heine Rd. Freeport, IL	815-541-4113	mziemba@fischerinc.com
Jamin Unger	Stenstrom	2422 Center St. Rockford, IL	815-398-3478	Excavation@rstenstrom.com
Paul Munson	Northern Illinois Service Co.	4781 Sandy Hollow Rd. Rockford, IL	815-874-4422	estimating@northernillinoiservice.com
Bill Gensler	Gensler Gardens	8631 11 th Street	815-520-4041	
Chris Baer	RRWRD	3501 Kishwaukee St. Rockford, IL	815-387-77678	CBaer@rrwrld.illinois.gov
Tyler Nelson	RRWRD	3501 Kishwaukee St. Rockford, IL	815-387-7651	TNelson@rrwrld.illinois.gov
Joe VonArx	RRWRD	3501 Kishwaukee St. Rockford, IL	815-387-7681	JVonArx@rrwrld.illinois.gov
Tim Hanson	RRWRD	3501 Kishwaukee St. Rockford, IL	815-387-7421	THanson@rrwrld.illinois.gov



- ## LEGEND
- (A) **AGGREGATE SURFACE COURSE, TY A, 12".** (12" CA-06)
 - (B) **AGGREGATE SUBGRADE IMPROVEMENT, 12".** (9" CS-02, CS-01 OR RR-1 & 3" CA-06)
 - (C) **GEOTECHNICAL FABRIC FOR GROUND STABILIZATION**
 - (D) **REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL.** UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SAME MATERIAL USED FOR AGGREGATE SUBGRADE IMPROVEMENT AT LOCATIONS AND DEPTHS DIRECTED.
 - (E) **PIPE UNDERDRAINS, TY 2, PERFORATED CORRUGATED STEEL, 6"**
 - (F) **BACKFILL (NATIVE MATERIAL), COMPACTED TO 95% MIN. STANDARD PROCTOR DENSITY.**
 - (G) **BACKFILL (NATIVE MATERIAL), COMPACTED TO 93% MIN. STANDARD PROCTOR DENSITY.**
 - (H) **BACKFILL (NATIVE MATERIAL), COMPACTED TO 90% MIN. STANDARD PROCTOR DENSITY.**
 - (I) **BACKFILL, COMPACTED TO THE SATISFACTION OF THE ENGINEER IN 24 INCH LIFTS, UP TO WITHIN 8 FEET OF THE PROPOSED ACCESS ROAD PROFILE.**
 - (J) **CONFINED SIDES OF TRENCH. TRENCH SHALL BE IN A CONDITION SUCH THAT IT PROVIDES SUPPORT FOR BEDDING MATERIAL AND INHIBITS MOVEMENT OF BEDDING MATERIAL, EVEN AS TRENCH BOX IS MOVED ALONG ALIGNMENT.**
 - (K) **SANITARY SEWER PIPE BEDDING PER 'FLEXIBLE PIPE BEDDING DETAIL', RRWRD STANDARD DETAIL SHEET.**
 - (L) **SANITARY SEWER, PVC PS46, 30" DIA., INSTALLED PER DISTRICT & MANUFACTURER'S REQUIREMENTS, WHICHEVER IS MOST STRINGENT.**
 - (M) **SANITARY SEWER TRENCH SUBBASE IMPROVEMENT. CA-01, 12 INCH DEPTH MIN. OR AS DIRECTED. MAX PAY WIDTH IS PIPE OUTSIDE DIA. PLUS 18 INCHES.**



**ROCK RIVER WATER
RECLAMATION DISTRICT
3501 KISHWAUKEE STREET
ROCKFORD, ILLINOIS 61109
(815) 387-7660**

No.	DATE	REVISION	INT
1	8/30/19	ADDED DETAIL 'LIGHT POLE FOUNDATION'.	KG

ROCKFORD SOUTHEAST TRUNK - SOUTH BRANCH CAPITAL IMPROVEMENT PROJECT #1965

TYPICAL SECTIONS & PROJECT DETAILS

Sheet No.
7 OF 38

FOR BID	Date 8/30/2019
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