

Surviving Submittals



Underground Infrastructure Conference

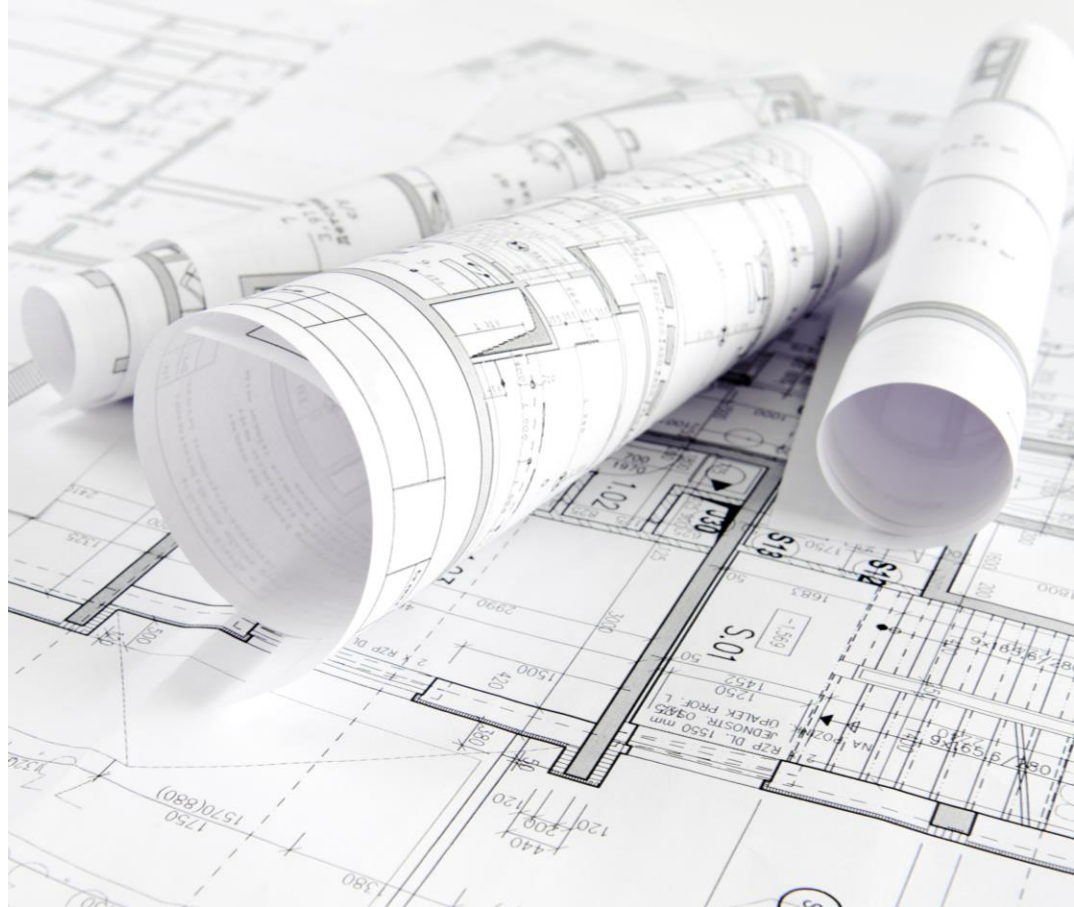
Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Agenda

- Document Control/Management
- Tracking
- Reviewers
- Designations



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Document Control Management

- Program selection
- Email notification recipients

The screenshot displays the Projectmates web application interface. At the top, the Projectmates logo is visible, featuring a red sphere above the text. Below the logo, the text "SD- 37 / Response" is shown. The interface has a navigation bar with tabs: "Submittal", "Response" (which is highlighted in blue), "Comments", and "History". The main content area is divided into two sections. The top section, titled "Description", contains the text "Line B Hobas Pipe & Fittings (Excluding Siphons)". Below this, the "Submittal Items" section lists "33 05 37- Fiberglass Reinforced Pipe" with the type "02 - Shop Drawings". The "Attached Files" section includes a download icon and the text "Download All Attachments (*.zip)", followed by a link to "SD-37 Line B Hobas Pipe & Fittings (Excluding Siphons).pdf". The bottom section, titled "Final Action", shows a status of "Transmittal" and a "Submittal Closed" button. It includes a "Revise and Resubmit (Rejected)" button and a "Memo" field. A disclaimer states: "This submittal has been reviewed and determined to NOT be in compliance with the contract documents including drawings and specification as modified by addenda, change orders and field orders. See attached comments." The "From" field lists "Ashley Van Keer" with a timestamp of "Jan 12, 2024 03:35 pm". The "To" field lists "Jeff Whitman (inactive)". The "Attachments" section includes a link to "SD-37 Line B Hobas Pipe Fitting_hons)_LAN REVIEW.signed [RR].pdf".

Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Tracking



- Referring back to Standard Specifications i.e. NCTCOG
- Spec Book Size



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Tracking

- Anticipated submittals in each spec division
- Recurring submittals

| | |
|--------------------------|----|
| AVG RESPONSE TIME | 3 |
| RECEIVED | 50 |
| COUNT | 50 |
| NE = No Exception | 14 |
| EN = Exceptions as Noted | 11 |
| RR = Rejected - Resubmit | 17 |
| AR = Acknowledge Receipt | 7 |
| Outstanding | 90 |
| NAT = No Action Taken | 1 |
| IR = In Review | 0 |

Engineer: Lockwood, Andrews & Newnam, Inc.
 Contractor: SJ Louis
 Last Update: 12/20/24
 Submittal Log

| SECTION NO. | SUBMITTAL NO. | | DATE RECEIVED | DATE RETURNED | # of Days | STATUS | SECTION | REVIEWER |
|-------------|---------------|--|---------------|---------------|-----------|-------------|--------------|------------|
| 02 21 13 | SD-24 | Surveying Pre-Construction Loop Verifications (B) | 10/31/2024 | 11/1/2024 | 2 | AR | Section 1.3 | |
| 02 21 13 | | Surveying Monthly Submittals (C) | | | 0 | Outstanding | Section 1.3 | |
| 02 21 13 | | Surveying Summary Report and AutoCAD and GIS Files (D) | | | 0 | Outstanding | Section 1.3 | |
| 02 41 13.1 | SD-29 | Decommissioning of Existing Structures Proposed Methods, equipment, materials, and sequence (A) | 12/20/2024 | 12/30/2024 | 7 | NE | Section 1.3 | GH |
| 02 41 13.1 | | Decommissioning of Existing Structures Proposed Demolition and Removal Schedule (B) | | | 0 | Outstanding | Section 1.3 | |
| 02 82 13 | SD-32 | Asbestos-Containing Building Materials Abatement Proposed Supervisors and Foremen (1) | 1/22/2025 | 1/31/2025 | 8 | RR | Section 1.4A | Farmer/MAS |
| 02 82 13 | SD-32.1 | Asbestos-Containing Building Materials Abatement Proposed Supervisors and Foremen (1) | 2/3/2025 | 2/4/2025 | 2 | RR | Section 1.4A | Farmer/MAS |
| 02 82 13 | | Asbestos-Containing Building Materials Abatement Plan of Action and Standard Operating Procedures (2) | | | 0 | Outstanding | Section 1.4A | |
| 02 82 13 | | Asbestos-Containing Building Materials Abatement Contingency Plan (3) | | | 0 | Outstanding | Section 1.4A | |



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Tracking – Specifications by Division

Divisions

- Grouping of spec submittals by discipline/usage
- Ex: general, concrete

DIVISION 01 – GENERAL REQUIREMENTS

DIVISION 02 – EXISTING CONDITIONS

DIVISION 03 – CONCRETE

DIVISION 33 – UTILITIES



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Tracking – Specifications by Division

- Cross references are often needed in some divisions

Examples:

- Tunneling
- Manholes

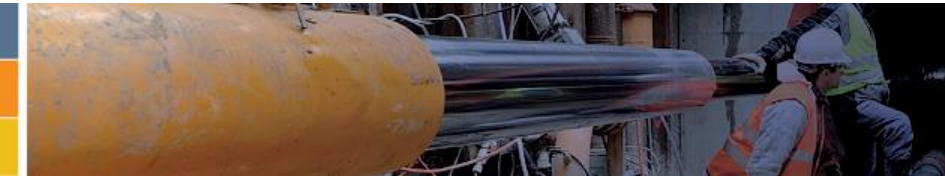
| Spec # | Title | References |
|----------|---------------------------|--|
| 31 23 33 | Trenching and Backfilling | 01 57 13 03 30 00 31 23 19 31 23 23.33 31 25 00 31 41 33 33 05 05.30 |



Tunneling

Typical Submittals

- Liner Plate/Casing
- Rails/Spacers
- Annular Grout

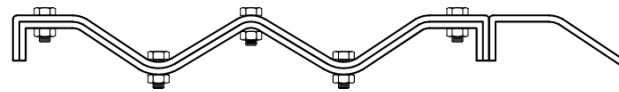


Underground Infrastructure Conference

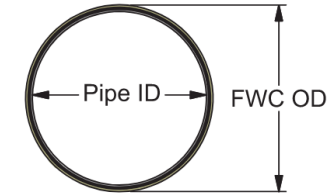
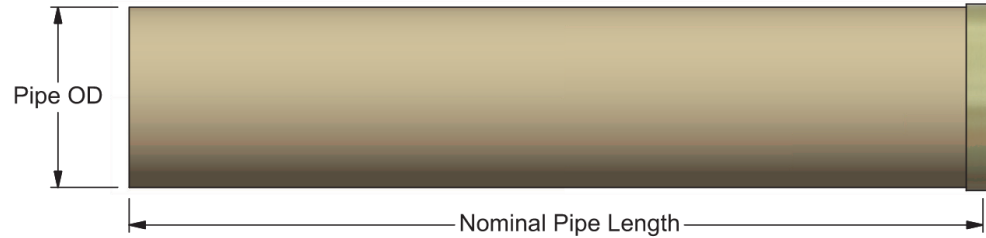
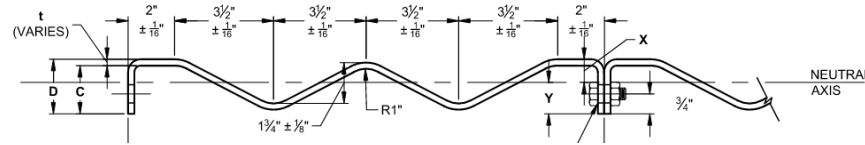
Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX

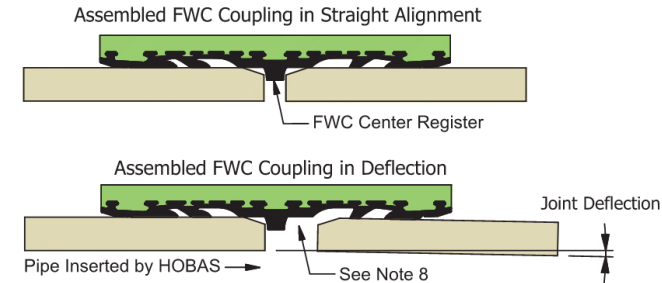




SECTION A-A



| Standard Pipe Section DN 96 SN 46 PN 25 | | |
|---|--------|------|
| Description | Value | Unit |
| Pipe Outside Diameter (OD) | 99.5 | in |
| Pipe Minimum Diameter (ID) | 95.2 | in |
| FWC Coupling OD | 102.5 | in |
| Max Service Pressure | 25 | psi |
| FWC Weight | 251 | lbs |
| FWC Width | 13.75 | in |
| FWC Gasket Material | EPDM | - |
| FWC Joining Force | 16,800 | lbs |
| Max Allowable Joint Deflection | 0.58 | deg |



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Manholes

Types

- Multiple Types of Manholes
- Cross references
- Connection requirements

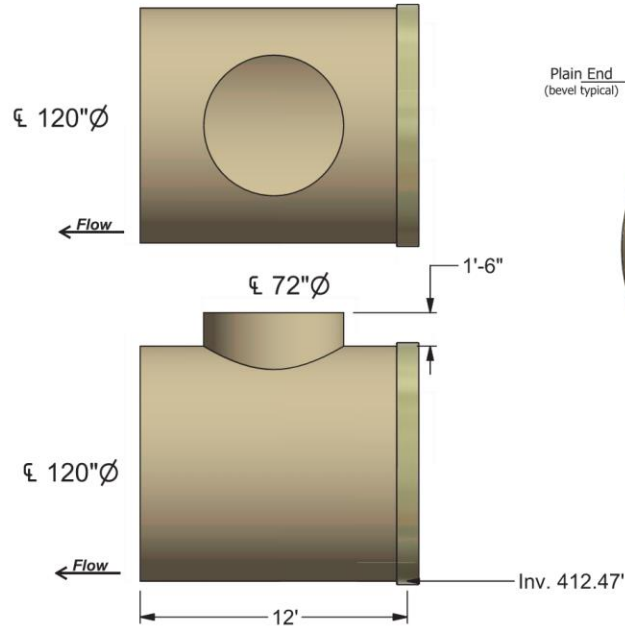


Underground Infrastructure Conference

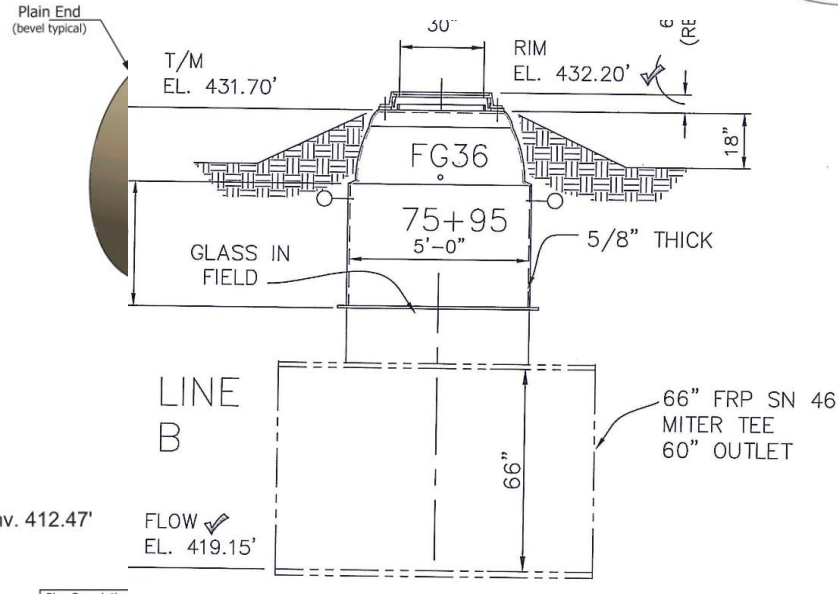
Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX

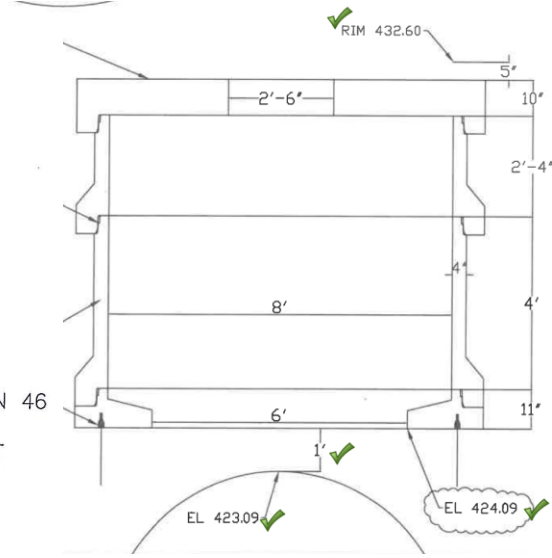




Fiberglass Pipe



Fiberglass Manhole



Polymer Manhole



Underground Infrastructure Conference


Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Response Set-Up

- Typical coversheet from each party
- Relevant references
- Dates and document ID #s

| | |
|---|---|
| Project: Interceptor Relief, Phase 1 & WF-G Interceptor Relocation LAN Project No.: 130-108 | <input type="checkbox"/> NO EXCEPTION <input type="checkbox"/> EXCEPTIONS AS NOTED <input type="checkbox"/> REJECTED-RESUBMIT <input type="checkbox"/> RECORD COPY <input type="checkbox"/> ACKNOWLEDGE RECEIPT <input type="checkbox"/> NO ACTION TAKEN |
| Submittal No.: | Review is only for general conformance with design concept of project and general compliance with Contract Documents. Contractor is responsible for confirming and correlating dimensions at job site; for information which pertains to fabrication processes or construction techniques; and for coordination of work of all trades. Review of shop drawings shall not relieve Contractor of responsibility for deviation from requirements of Contract Documents nor for errors or omissions in shop drawings. |
| Submittal: | |
| Specification: | LOCKWOOD, ANDREWS & NEWNAM, INC. |
| | DATE: _____ |
| | BY: _____ |
| |  Lockwood, Andrews & Newnam, Inc. 1300 Summit Ave. STE 300 Fort Worth, TX 76102 (817) 975-1367 |

Engineer's Comments:

Lockwood, Andrews, & Newnam Inc.
1300 Summit Ave. STE 300
Fort Worth, TX 76102
(817) 975-1367

Attn: Justin Reeves, P.E.

Re: **Interceptor Relief, Phase 1**
 Submittal-Shop Drawing 28.1 Temporary Diversion Manholes
 Specification Section: 33 39 30

Enclosed is our submittals for the Fiberglass Manholes on the above-referenced project. This submittal only covers the manholes that we are proposing to use for the temporary diversion lines (D1 & D2). Everything else for this spec section will be submitted separately.

If you have any questions, or require any additional information please do not hesitate to call.

Sincerely,

CONSTRUCTION OF TEXAS LTD



Underground Infrastructure Conference

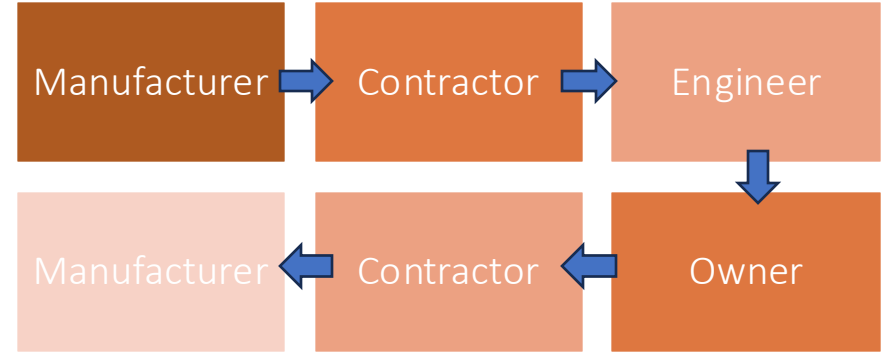
Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Owner/Engineer/Contractor Communication

- Communication channels
- One-way flow
- Target response time



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

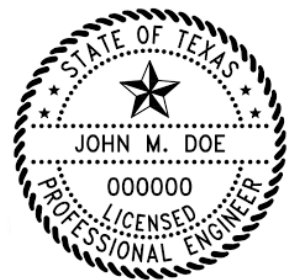
March 4-6, 2025 | Houston, TX



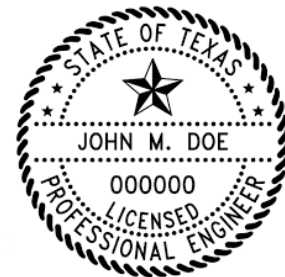
Reviewers

- CMR
- Specification sealer
- Contracted sub-consultants
- Multiple plan sealers

Division: 31 25 00, 32 93 43



Division: 05



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Submittal Timeline

- Target days elapsed during review
- Review times allotted for each party

| No. ↓ | Ref | Description | Elapsed Days | Last Action | Status |
|---------|-----|--|--------------|--------------|----------|
| SD-37 | | Line B Hobas Pipe & Fittings (Excluding Siphons) | 21 | Jan 12, 2024 | Rejected |
| SD-36 | | Survey Control Loop Verification | 2 | Dec 06, 2023 | Approved |
| SD-35 | | Electrical Equipment Rack Layout | 4 | Dec 08, 2023 | Approved |
| SD-34.1 | | Bypass Pumping Plan for Lines D1 & D2 | 22 | Jan 19, 2024 | Approved |
| SD-34 | | Bypass Pumping Plan for Lines D1 & D2 | 2 | Dec 06, 2023 | Rejected |



Submittal Designations

- Approved
- Approved as noted
- Revise and resubmit
- Rejected
- Record copy

Final Response

Final Action *

Action not required
Approved (Approved)
Approved As Corrected (Approved)
Approved As Noted (Approved)
Furnish as corrected (Approved)
Make corrections as noted (Approved)
No exceptions taken (Approved)
Not Approved (Rejected)
Not reviewed (Rejected)
Partially Approved, Resubmittal Required (Rejected)
Record Data Filed as Received
Rejected
Revise As Noted and Resubmit (Rejected)
Revise and Resubmit (Rejected)
Revise and resubmit (Rejected)
Submit specific item (Rejected)

- ☐ NO EXCEPTION
- ☐ EXCEPTION AS NOTED
- ☒ REJECTED – RESUBMIT
- ☐ ACKNOWLEDGE RECEIPT

Review is only for general conformance with design concept of project and general compliance with Contract Documents. Contractor is responsible for confirming and correlating dimensions at job site; for information which pertains to fabrication processes or construction techniques; and for coordination of work of all trades. Review of shop drawings shall not relieve Contractor of responsibility for deviation from requirements of Contract Documents nor for errors or omissions in shop drawings.

LOCKWOOD, ANDREWS & NEWNAM, INC.

DATE: **1/24/25**

BY: **Kat Lazo, Ashley Van Keer**



Planning
Engineering
Program Management



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Rejected Submittals

- Documentation for required corrections
- Numbering convention for resubmittals

Project: **Interceptor Relief, Phase 1 &
WF-G Interceptor Relocation**
LAN Project No.: **130-10845-010**

Submittal No.: **SD-028**

Submittal No.: **SD-28.1**

Submittal: **FIBERGLASS MANHOLES
(TEMPORARY DIVERSION)**

Specification: **33 39 30**

- ☐ NO EXCEPTION
- ☐ EXCEPTIONS AS NOTED
- ☒ REJECTED-RESUBMIT
- ☐ RECORD COPY
- ☐ ACKNOWLEDGE RECEIPT
- ☐ NO ACTION TAKEN

Review is only for general conformance with design concept of project and general compliance with Contract Documents. Contractor is responsible for confirming and correlating dimensions at job site; for information which pertains to fabrication processes or construction techniques; and for coordination of work of all trades. Review of shop drawings shall not relieve Contractor of responsibility for deviation from requirements of Contract Documents nor for errors or omissions in shop drawings.

LOCKWOOD, ANDREWS & NEWNAM, INC.

DATE: **11/13/23**

BY: **Ashley Van Keer**

lan Lockwood, Andrews
& Newnam, Inc.
A LEO A DALY COMPANY

Engineer's Comments:

1. PROVIDE ASTM D3753 ACCEPTANCE LETTER CERTIFICATION SIGNED BY AN AUTHORIZED AGENT OF THE SUPPLIER OR MANUFACTURER
2. SHOW SURFACE AND DISTANCE TO FINISH ELEVATIONS ON ALL SHOP DRAWINGS (TYPICAL)
3. INCORRECT SPEC LISTED FOR FIBERGLASS MANHOLES



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX



Questions?



Ashley Van Keer, PE
anvankeer@lan-inc.com



Caitlin Koranda, PE
cekoranda@lan-inc.com



Underground Infrastructure Conference

Construction. Rehabilitation. Asset Management.

March 4-6, 2025 | Houston, TX

