

ADDENDUM NO. 1

BOROUGH OF GREENCASTLE, PA

SOUTH WASHINGTON STREET WATER MAIN REPLACEMENT DESIGN

In accordance with the requirements of the “Instructions to Bidders,” this Addendum shall be attached to and become a part of the Contract Documents for the above referenced project.

Pre-Bid Questions from Contractors

- A. Permanent Pavement Restoration - Plan sheet 5 of 8 shows two typical pavement restoration details. Please confirm we are to use the one labeled "Backfill and Pavement Restoration, Penn DOT State Roads". Also confirm which wearing course is to be used, 12.5 mm or 9.5 mm. Both are shown in this detail.

Yes, follow the “BACKFILL AND PAVEMENT RESTORATION PENNDOT STATE ROADS” detail. The wearing course is to be 12.5 mm Hot-mix-asphalt.

Concerning the Bidding Documents

- A. Exhibit A & B as provided by TC Energy and herein attached are now part of the bidding documents.

Miscellaneous (clarifications, Pre-Bid Meeting Minutes, etc.)

- A. Pre-Bid Meeting Minutes.

END OF ADDENDUM NO. 1

BIDDERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPECIFIED PLACE ON THE BID FORM. THE ABSENCE OF THIS ACKNOWLEDGMENT WILL BE CAUSE FOR REJECTION OF THE BID.

EXHIBIT "A"



January 27, 2025

Workflow: 202411150029 Frankin County Water Main Authority

Approximate GPS: 39.779734°, -77.729693°

The crossing application submitted by Luke Wright was received on 11-15-2024. Frankin County Water Main Authority plans to install a plastic water main in Franklin County, PA. The plans dated 1-13-25 have been reviewed. By comparison to our operating maps and records, it is evident that TC Energy has facilities located within the limits of, and impacted by, the proposed construction.

Please Note: Involvement status relates solely to facilities owned and/or operated by TC Energy.

Work within TC Energy's right-of-way will be performed in accordance with TC Energy procedures to protect the safety of TC Energy's facilities. The following guidelines, although not inclusive, are provided to accommodate your request and protect our pipelines and facilities.

Section 1: General Requirements for Construction within TC Energy Right-of-Way (ROW).

1. Follow all applicable federal and state safety requirements at all times.
2. Before any field work or construction begins in the vicinity of TC Energy pipeline facilities the location and elevation of the pipeline shall be confirmed. Begin with a call to 811 or appropriate state "One Call" notification number. Request both the approximate location and depth of the pipeline to be determined in any area of proposed construction. The area of proposed construction shall be marked with white paint, flags, or otherwise as required by state law.
3. When conducting construction activities in or around TC Energy pipeline facilities or rights-of-way, a TC Energy on-site Company Representative shall be present unless otherwise permitted by TC Energy. A TC Energy Representative will review the location of pipeline facilities prior to starting work.
4. Notice of at least seventy-two (72) hours in advance of construction must be provided. The permittee must contact the following TC ENERGY field representatives:

Name: Jason Renner Cell: 717-357-5950

5. Permittee shall notify the responsible State "One Call" center to request that TC Energy re-mark a pipeline if the existing markers are inadequate or no longer visible for any reason, including disturbance due to construction activities.

EXHIBIT "A"

6. Permittee shall not burn or bury trash, brush, or other items or substances within TC Energy pipeline rights-of-way.
7. Permittee shall not park equipment or store materials on the TC Energy right-of-way.
8. Use of vibratory equipment larger than walk-behind units shall not be permitted within twenty-five (25) feet of the pipeline or related facility.
9. The Permittee shall mark any excavation area with white paint, flags, or as required by applicable state law within TC Energy right-of-way.
10. The following items, but not limited to, are not permitted within the ROW; valves, curb boxes, manholes, sprinkler heads, splice boxes, service risers, energized equipment, poles, towers, guy wires, mechanical supports, ground rods, anchors, signs, bollards, and similar structures.
11. Before excavation can begin near a TC Energy right-of-way, the excavation area must be located and marked in according to the appropriate state one call regulation. Safe digging is no accident. Know what's below. Call 811 before you dig. TC Energy or its representative shall locate the pipeline and determine the approximate depth of cover before the Permittee can begin excavation.
12. TC Energy shall have a Company representative present during all excavation activities. The Company representative shall have full authority to stop the work if it is determined that the work is being performed in an unsafe manner relative to TC Energy facilities or personnel.
13. Should it be necessary for a TC Energy employee/representative to enter the excavation to inspect its pipeline(s), the excavation at the crossing shall be sloped, permitted safe with trench boxes, or shored in accordance with the requirements of the Occupational Safety and Health Administration.
14. No equipment shall work directly over the pipeline, unless TC Energy grants specific written permission.
15. When excavating within a TC Energy right-of-way in the presence of a loaded pipeline, the Permittee's excavation equipment shall have a plate welded or attached over the teeth of the excavator bucket.
16. No side cutters shall be used during any excavation within a TC Energy ROW.
17. No part of powered equipment shall come within two (2) feet of TC Energy's pipelines, or according to applicable State or Federal requirements.
18. No bucket, any attachment or load may be swung over TC Energy's pipeline(s) where there is less than two (2) feet of cover.

EXHIBIT "A"

19. TC Energy requires the pipeline to be potholed prior to excavation within fifteen (15) feet. Afterwards potholing techniques are to be used when digging within two (2) feet of the outer edge of the pipe, unless requirements that are more stringent are set forth by the applicable state's One Call system. Within this "tolerance zone" only hand excavation, air cutting, vacuum excavation or other TC Energy approved techniques are permitted.
20. No excavation shall be made on land adjacent to the pipeline that shall in any way impair, withdraw lateral support, cause subsidence, create the accumulation of water, or cause damage to the pipeline or right-of-way.
21. The Permittee shall ensure all excavation work complies with OSHA's excavation standards outlined in 29 CFR 1926 and correct any noncompliant excavation site before work within TC Energy right-of-way continues.
22. At any location where the pipeline is exposed, the Permittee shall provide TC Energy the opportunity to inspect the pipeline condition, install cathodic protection equipment, repair any pipe coating imperfections, and/or install underground warning materials.
23. No TC Energy buried pipeline shall be left exposed for any duration of time, unless otherwise permitted by TC Energy.
24. Backfill and compaction shall be performed to the satisfaction and in the presence of a Company representative. At least 6 inches of fine, loose earth or other permitted backfill material with no sharp gravel, rock, hard clods, vegetation, or other debris shall be added on all sides of any pipeline, and remaining backfill shall be placed so as not to disturb this padding material or damage the pipeline and its coating. Backfill over the pipe shall be compacted by hand until eighteen (18) inches of cover is achieved.
25. If a flowable fill is required to achieve necessary compaction and support under and around the pipe, specifications will be provided for review and approval.
26. Disturbed ground shall be compacted to at least the same degree of compaction as surrounding areas.
27. The Permittee shall restore the site to its original condition unless otherwise permitted by TC Energy.
28. Continuously poured, steel reinforced concrete is not permitted within TC Energy right-of-way.
29. There shall be no work or spoil storage on the TC Energy right-of-way, nor shall there be any unauthorized equipment crossing(s) on the TC Energy right-of-way.

EXHIBIT "A"

30. The permittee may be crossing one or more of TC Energy's transmission pipeline(s). These pipeline(s) may be coated with a material to protect them from corrosion. The coating may contain asbestos. If the excavation results in exposing TC Energy's pipeline(s) and there is any damage to the coating, you will be responsible for all costs, including any disposal costs, associated with the coating repair. If necessary, you will also be required, to halt all work activity while the coating material is being analyzed. The coating repair, including the removal of the original material, will be performed by TC Energy personnel or a qualified third-party contractor selected by TC Energy. All work will be done in accordance with TC Energy's current engineering and environmental standards. During the course of the excavation work, Permittee agrees to cooperate with TC Energy to ensure all federal, state and local environmental and safety regulations are followed.
31. The permittee shall submit a Heavy Equipment Crossing Information Form for **all** equipment that will operate within the TC Energy right-of-way. No equipment will be permitted within the right-of-way without prior approval from TC Energy. The permittee will work with the on-site representative to complete the Heavy Equipment Crossing Information Form.
32. While using the permitted crossing area(s) with heavy equipment, if rutting, any form of ground decay, or ground pumping occurs additional measures will be required. The additional measures will include but are not limited to: load calculation reassessment, matting/air bridge installment, additional cover, concrete relief slabs, etc.
33. TC Energy shall limit the number of temporary construction roads constructed by the Permittee. Crossings shall be limited to pre-selected sites and shall be clearly defined and marked. Random crossings are not permitted. The Permittee shall install temporary fencing along the TC Energy right-of-way boundaries so equipment shall not inadvertently pass over the pipeline at locations other than those established for the crossing.
34. During the use of a permitted temporary construction road, the Permittee shall take all reasonable and necessary steps to maintain the integrity of the permitted crossing protection. TC Energy personnel should inspect crossings periodically and may require the Permittee to provide additional protective measures deemed necessary to prevent damage to the pipeline or right-of-way.

Section 2: Requirements for Construction of Roads, Sidewalks, Parking, and Grading

35. All proposed road crossings of buried facilities must be evaluated by TC Energy. Protective measures may be required before construction activity can begin or during the course of such construction activity.
36. Roads, driveways, and concrete sidewalks must not be permitted to be installed longitudinally within the ROW.

EXHIBIT "A"

37. Use of vibratory equipment larger than walk-behind units shall not be permitted within twenty-five (25) feet of the pipeline or related facility.
38. Variance of the existing depth of cover is not permitted without TC Energy's written permission. Protective measures may be required before construction activity can begin or during the course of such construction activity.
39. Where additional cover is permitted, the final grading shall meet a minimum cover of three (3) feet over the pipeline but shall not exceed five (5) feet from the top of the pipeline without TC Energy written permission.
40. Concrete sidewalks and/or curbs, shall have expansion joints installed five (5) feet on either side of the pipeline.

Section 5: Requirements for Utility Crossings

41. Concrete pipe is not permitted to cross above the TC Energy pipeline.
42. Water valves, curb boxes, manholes, sprinkler heads, splice boxes, service risers, energized equipment, poles, towers, guy wires, mechanical supports, ground rods, anchors and similar structures are not permitted inside the TC Energy ROW.
43. Warning tape shall be placed over the pipe whenever a utility is being installed or replaced. A minimum six (6) inch wide tape that follows A.P.W.A. Uniform Color Code shall be placed directly above the buried utility, where possible. The tape will be buried at least one (1) foot below the surface of the ground. A second warning tape shall be placed and at least one (1) foot directly above the utility.
44. The utility shall cross the TC Energy right-of-way as near to ninety (90) degrees as possible, but no less than forty-five (45) degrees.
45. Utilities shall not be installed longitudinally within the right-of-way.
46. The utility shall maintain the same depth of cover across the entire width of the TC Energy ROW if crossing above the TC Energy pipeline.
47. The utility shall maintain elevation across the entire width of the TC Energy ROW if crossing below the TC Energy pipeline.
48. The utility shall not change direction within the TC Energy ROW.
49. Underground utility crossings shall be marked with proper signage at the edge of the TC Energy right-of-way boundaries. Signage shall be according to the A.P.W.A. Uniform Color Code and comply with the authorities having jurisdiction at the edge of each ROW boundary. Exceptions may include agricultural land or open waters.

EXHIBIT "A"

Section 5a: Requirements for non-metallic utilities including water, drains, sewer, and industrial gases installed by open cut excavation.

50. Utilities shall cross the pipeline with a minimum vertical clearance of two (2) feet for open cut.
51. Non metallic utilities shall be installed with tracer wire for the full width of the TC Energy right-of-way.
52. At locations where tracer wire is installed, tracer wire shall be raised to the ground surface and connected to a test station for monitoring. Final placement of the tracer wire for this installation shall be reviewed with the TC Energy pipeline technician to determine if test stations are required or if tracer wire can be bonded to the DIP pipeline and located via other above ground appurtenances.

Respectfully Submitted,

Paul Jurovcik

Crossings Engineer: Integrity Engineering Services - Appalachia Team

paul_jurovcik@tcenergy.com

TC Energy | Columbia Pipeline Group

455 Racetrack Road

Washington, PA 15301



GREENCASTLE AREA, FRANKLIN COUNTY WATER AUTHORITY

GREENCASTLE, FRANKLIN COUNTY, PENNSYLVANIA

SOUTH WASHINGTON STREET WATER MAIN REPLACEMENT DESIGN

UNDERGROUND UTILITY LINE PROTECTION ACT

ARRO CONSULTING, INC. HEREBY STATES THAT, PURSUANT TO THE PROVISIONS OF ACT NO. ACT 287 OF 1974 AS AMENDED BY ACT 50 OF 2017 OF THE PENNSYLVANIA LEGISLATURE, IT HAS COMPLIED WITH THE DESIGNER'S DUTIES PROVISIONS OF THE ACT IN PREPARING THESE DRAWINGS REQUIRING EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS.

ARRO CONSULTING, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY OR ASSURANCE OR OTHERWISE GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID ACT FROM THE FACILITY OWNER, AS THE TERM FACILITY OWNER IS DEFINED IN THE ACT, AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE.

DATE: 10/16/24 BY: ARRO CONSULTING, INC.

PA ONE CALL SERIAL NO: 20242903119 AND 20242903120

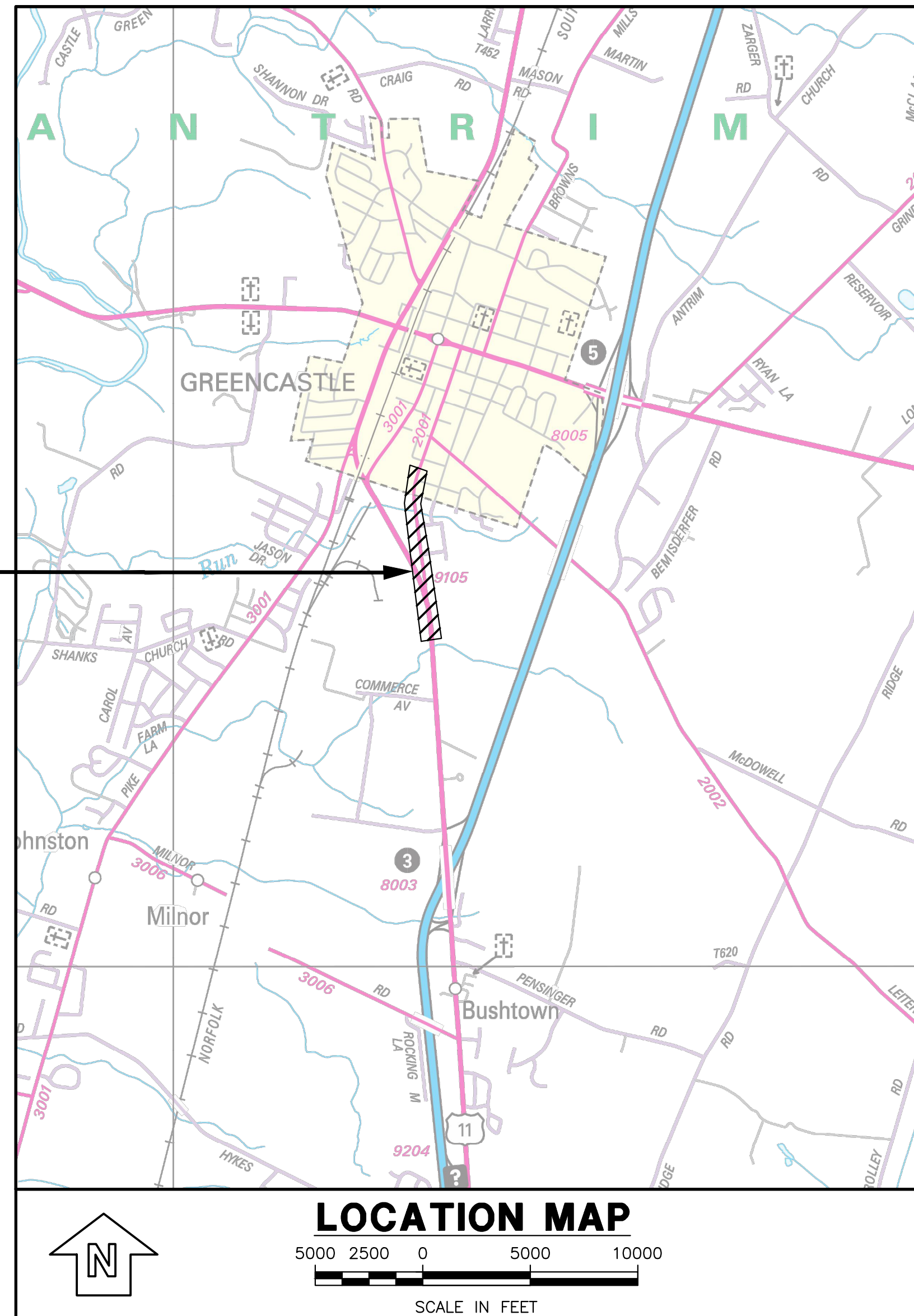


THE REFERENCED ACT REQUIRES NOTIFICATION BY DESIGNERS, CONTRACTORS, OR ANY OTHER PARTY INVOLVED IN DISTURBING THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

UTILITY LIST

BRIGHTSPEED 1120 S TRYON STREET SUITE 700 CHARLOTTE, NC. 28203 CASE WELLS case.wells@brightspeed.com 704-314-2503	FIRSTENERGY CORPORATION 21 S MAIN ST AKRON, OH. 44308 MELLYSSA ADAMS madams@firstenergycorp.com 330-604-4073
COLUMBIA GAS OF PA INC 1600 DUBLIN RD COLUMBUS, OH. 43215 LISA COLLINS ldugan@nisource.com 614-325-5961	GREENCASTLE BOROUGH 60 N WASHINGTON ST GREENCASTLE, PA. 17225 BOB MANAHAN bmanahan@greencastlepa.gov 717-597-7143 EXT. 301
COLUMBIA GAS TRANSMISSION ELLWOOD 10750 WELSH RUN RD GREENCASTLE, PA. 17225 STEPHEN CARROLL stephen_carroll@tcenergy.com 717-387-6299	INSTANT BRANDS LLC 12000 MOLLY PITCHER HWY S GREENCASTLE, PA. 17225 DENNIS NULL dennis.null@instantbrands.com 717-597-6185
ANTRIM TOWNSHIP ADDRESS: 13431 ANTRIM CHURCH RD PO BOX 130 GREENCASTLE, PA. 17225 DOUG MCCULLOH 717-597-9798	

PROJECT LOCATION



DRAWING INDEX

1 OF 6	TITLE SHEET
2 OF 6	PLAN AND PROFILE STA 22+92 TO STA 18+50
3 OF 6	PLAN AND PROFILE STA 18+50 TO STA 15+60
4 OF 6	CONSTRUCTION DETAILS
5 OF 6	CONSTRUCTION DETAILS
6 OF 6	EROSION AND SEDIMENT CONTROL PLAN

GENERAL NOTES

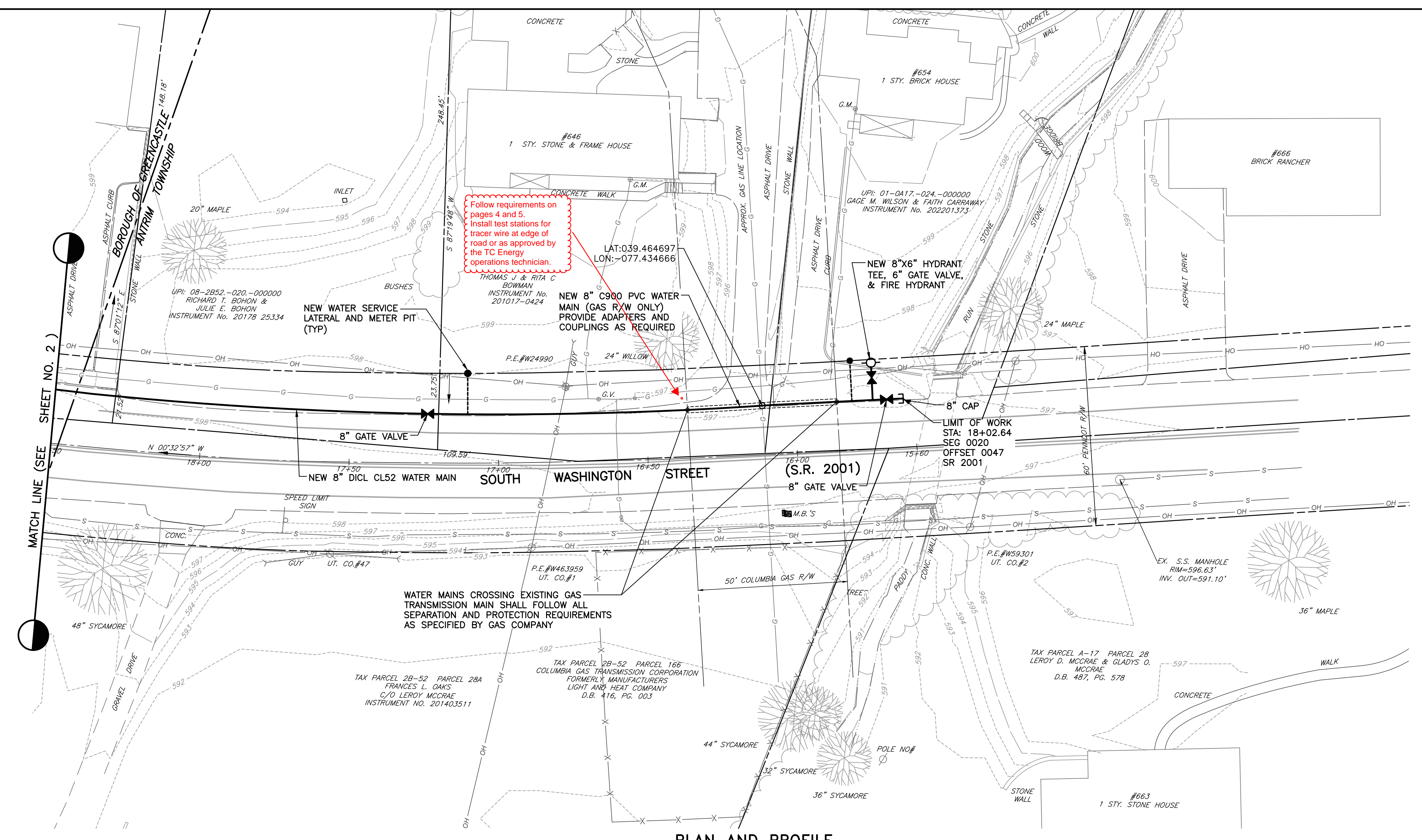
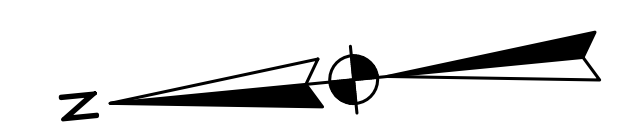
- WHETHER OR NOT CROSS REFERENCED, IN WHOLE OR IN PART, ALL DRAWINGS AND ALL SPECIFICATIONS FOR THE ENTIRE PROJECT SHALL BE EXAMINED BY ALL INDIVIDUAL BIDDERS AND CONTRACTORS, TO ASCERTAIN THE COMPLETE EXTENT OF THEIR WORK.
- CONTRACTOR SHALL REMOVE AND RELOCATE OR REPLACE EXISTING FACILITIES, WHETHER OR NOT SHOWN, NECESSARY TO INSTALL ITS WORK.
- WHETHER OR NOT SHOWN OR SPECIFIED IN DETAIL, ALL MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT SHALL BE STEADILY AND SECURELY SUPPORTED, IN A MANNER APPROVED BY THE MANUFACTURER AND ACCEPTABLE TO THE ENGINEER.
- IN THE EVENT OF CONFLICT OR INCONSISTENCY BETWEEN OR AMONG SPECIFIED OR DRAWN REQUIREMENTS, APPLICABLE REGULATIONS, OR MANUFACTURER RECOMMENDATIONS; THE MORE STRINGENT REQUIREMENT(S), AS DETERMINED BY THE ENGINEER, SHALL GOVERN.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES BEFORE COMMENCING THE WORK. UTILITY COMPANIES SHOULD BE CONTACTED BEFORE WORK COMMENCES IN ORDER TO DETERMINE THEIR REQUIREMENTS.
- ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM.
- ALL ANGLES ON THE SURVEY BASE LINE ARE MEASURED IN A CLOCKWISE DIRECTION FROM THE REAR STATION TO THE FORWARD STATION, UNLESS INDICATED OTHERWISE.
- IF DEWATERING OF THE TRENCH IS REQUIRED, CONTRACTOR TO PUMP WATER TO A FILTER BAG TO DEWATER.
- CONTRACTOR SHALL ACQUIRE METERS AND METER CROCS FROM GREENCASTLE AREA, FRANKLIN COUNTY WATER AUTHORITY AT NO COST.

Reviewed and Approved as Noted by TC Energy Engineering Pipeline Integrity Group Engineer
Paul Jurovick
TC Energy
January 27, 2025

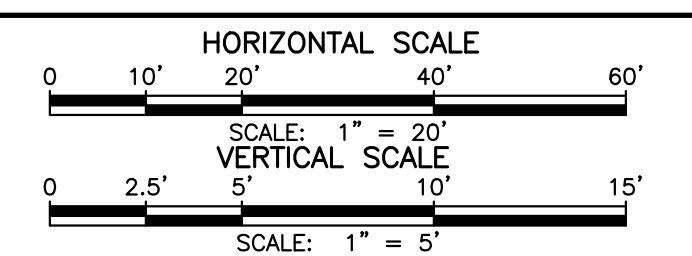
The requirements of the Engineering Guideline Letter must be followed at all times.

Use of vibratory equipment larger than walk-behind units shall not be permitted within twenty-five (25) feet of the pipeline or related facility. Static rolling is permitted within 45 and 90 degrees. Parallel rolling within 10' of the pipeline is not permitted.

										MATTHEW D. WARFEL, P.E. RELEASED BY: DESIGN AMV CHECKED DRAWN CADD CHECKED DATE OCTOBER 2024 SURVEY DATE JUNE 2024 FIELD BOOK SHELLY, WITTE & FOX		SEAL 		CLIENT & PROJECT GREENCASTLE AREA, FRANKLIN COUNTY WATER AUTHORITY 60 N WASHINGTON STREET GREENCASTLE, PENNSYLVANIA 17225 SOUTH WASHINGTON STREET WATER MAIN REPLACEMENT GREENCASTLE BORO. & ANTRIM TWP., FRANKLIN CO., PA		108 West Airport Road Lititz, Pennsylvania 17543 Tel 717.569.7021		TITLE TITLE SHEET		SCALE AS SHOWN		DWG. NO. G-1	
3 REVISED PER COMMENT 12/19/24 - PENNDOT 2 REVISED PER COMMENT 12/16/24 - TC ENERGY 1 ISSUED FOR PERMITTING										1/13/25 BLE AMV 1/13/25 BLE MDW 11/20/24 LUL BP						PROJECT NO. 10814.12 SHEET NO. 1 OF 6 REV.							



PLAN AND PROFILE



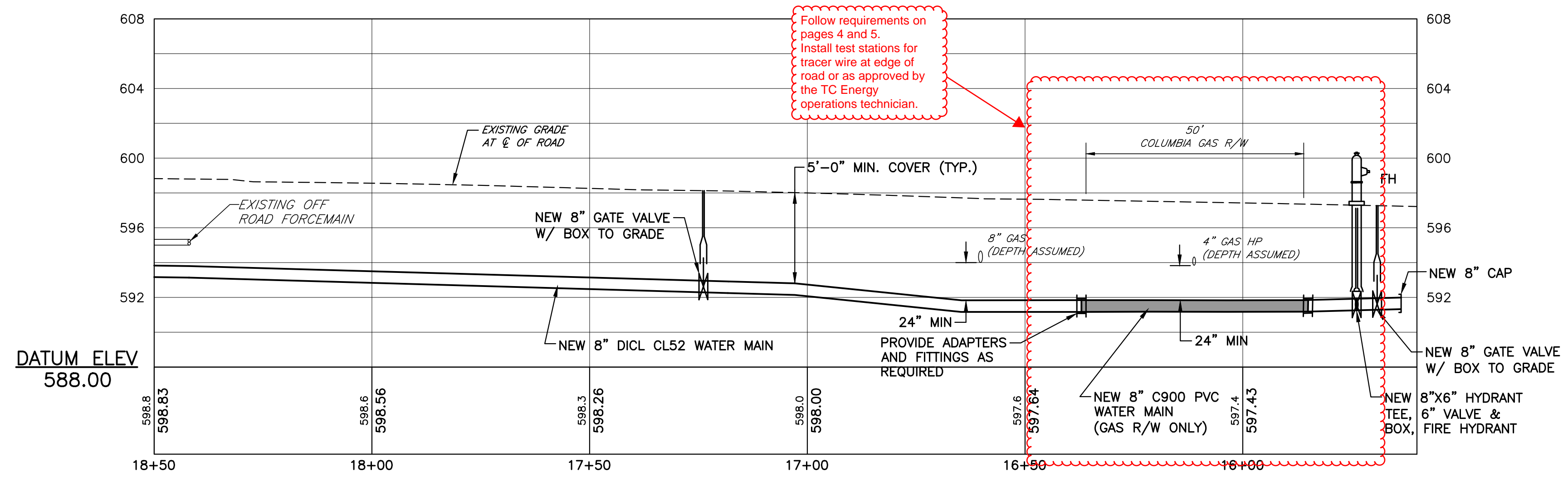
Use of vibratory equipment larger than walk-behind units shall not be permitted within twenty-five (25) feet of the pipeline or related facility. Static rolling is permitted within 45 and 90 degrees.

LEGEND

- PROPERTY LINE
- - - ADJOINER PROPERTY LINE
- GASLINE
- OH OVERHEAD ELECTRIC
- S SANITARY SEWER LINE
- CONTOUR MAJOR
- CONTOUR MINOR

NOTE:

1. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO STARTING CONSTRUCTION.
2. EXISTING WATER SERVICE LATERALS WILL REQUIRE VERIFICATION OF LOCATION AND MATERIAL PRIOR TO TAKING OUT OF SERVICE FOR NEW CONNECTIONS. COORDINATION WITH AUTHORITY WILL BE REQUIRED.
3. NEW SERVICES WILL REQUIRE NEW METER PIT INSTALLED AT RIGHT-OF-WAY.
4. CONTRACTOR TO VERIFY NEW WATER SERVICE LATERAL ROUTE TO BUILDING WITH PROPERTY OWNERS. CONTRACTOR TO INSTALL NEW SERVICES FROM NEW METER TO BUILDING.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING GAS MAINS AND SERVICE LATERALS PRIOR TO INSTALLATION OF NEW WATER MAINS TO LIMIT USE OF VERTICAL BENDS WHILE MAINTAINING VERTICAL SEPARATION REQUIREMENTS. WHERE GAS MAINS CROSS THE NEW WATER MAIN, CONTRACTOR SHALL PROVIDE C900 PVC AS SHOWN, AND SHALL INCLUDE ALL FITTINGS AND ADAPTERS AS REQUIRED. COORDINATION WITH ENGINEER AND AUTHORITY IS REQUIRED PRIOR TO CHANGES TO LAYOUT SHOWN.



NO		REVISION	DATE	BY	APP.	NO		REVISION	DATE	BY	APP.	MATTHEW D. WARFEL, P.E. RELEASED BY DESIGN AMV DRAWN CADD DATE OCTOBER 2024		CHECKED CHECKED SURVEY DATE JUNE 2024 FIELD BOOK SHELLY, WITTE & FOX		SEAL SEAL 		CLIENT & PROJECT GREENCASTLE AREA, FRANKLIN COUNTY WATER AUTHORITY 60 N WASHINGTON STREET GREENCASTLE, PENNSYLVANIA 17225 SOUTH WASHINGTON STREET WATER MAIN REPLACEMENT GREENCASTLE BORO. & ANTRIM TWP., FRANKLIN CO., PA		108 West Airport Road Litz, Pennsylvania 17543 Tel 717.569.7021		TITLE PLAN AND PROFILE STA 18+50 TO STA 15+60		SCALE AS SHOWN		DWG. NO.	
3	1	REVISED PER COMMENT 12/19/24 - PENNDOT	1/13/25	BLE	AMV	2	1	REVISED PER COMMENT 12/16/24 - TC ENERGY	1/13/25	BLE	MDW	1	1	ISSUED FOR PERMITTING	11/20/24	LJL	BP	PROJECT NO.	10814.12	SHEET NO.	3 OF 6	REV.					

EXHIBIT "B"

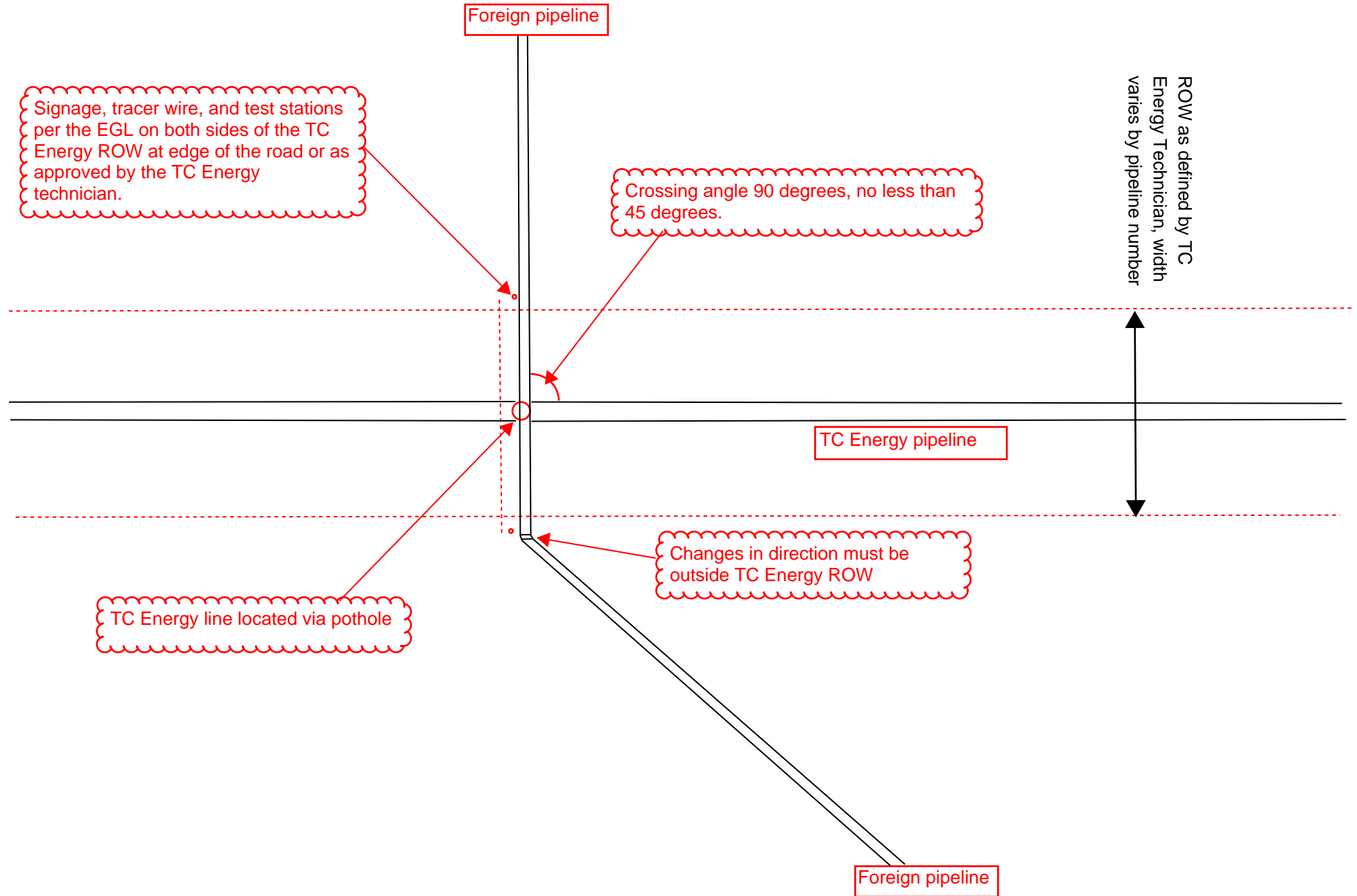


EXHIBIT "B"

1. All requirements of Section 5 in the EGL must be followed.

Warning tape to be installed 12" below grade across width of ROW and 12" above foreign pipeline

Signage, tracer wire, and test stations per the EGL on both sides of the TC Energy ROW at edge of the road or as approved by the TC Energy technician.

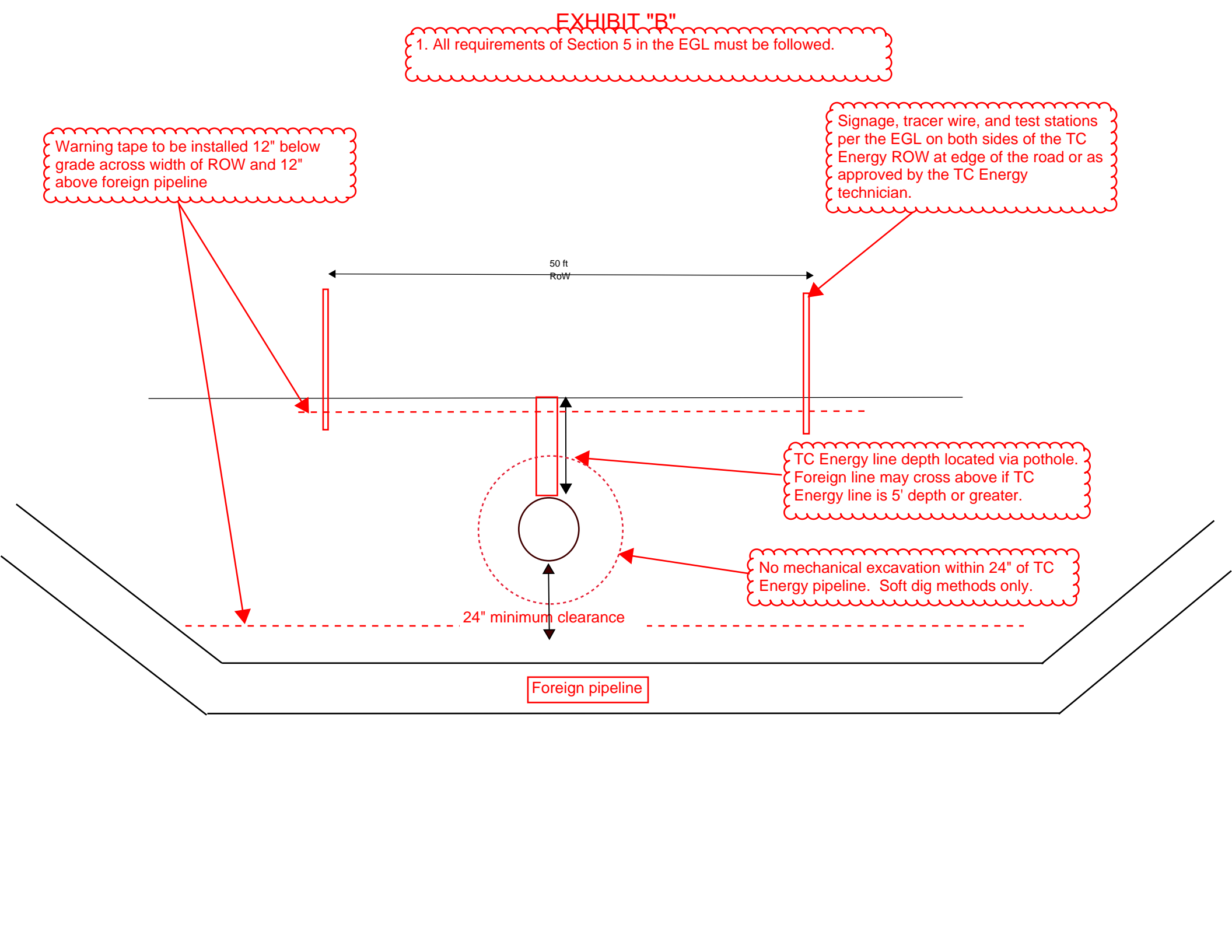
50 ft
RoW

TC Energy line depth located via pothole. Foreign line may cross above if TC Energy line is 5' depth or greater.

No mechanical excavation within 24" of TC Energy pipeline. Soft dig methods only.

24" minimum clearance

Foreign pipeline



GREENCASTLE AREA, FRANKLIN COUNTY WATER AUTHORITY
SOUTH WASHINGTON STREET WATER MAIN REPLACEMENT

PRE-BID MEETING MINUTES

Tuesday, February 11, 2025, at 10:00 A.M.

ARRO Project No. 10814.12

PROJECT DESCRIPTION & SCOPE OF WORK

The project generally consists of furnishing and installing approximately 640 L.F of 8-inch water main, seven water services, appurtenances, and restoration of areas disturbed by construction.

BID QUESTIONS

Technical questions will be accepted until 4:00 P.M. prevailing time on Tuesday, March 4, 2025. All questions must be submitted in writing via e-mail to Bethany Stoll at bethany.stoll@arroconsulting.com and Luke Wright at luke.wright@arroconsulting.com

BID OPENING

Sealed Bids will be accepted at the office of the Owner, until 10:00 A.M., prevailing time, on March 11, 2025, at which time they will be publicly opened and read aloud.

COMPLETION TIME & PROJECT SCHEDULE

1. The Work shall be substantially completed within 120 calendar days after the date when the Contract Times commence to run as provided in General Conditions Paragraph 2.03.A, as amended by Supplementary Conditions Paragraph SC-2.03.A, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 150 calendar days after the date when the Contract Times commence to run.
2. Liquidated Damages (LD's) will be assessed in the amount of Five Hundred Dollars (\$500) per calendar day the work is not substantially completed.

REQUIRED BID SUBMITTALS

1. Completed Bid Form. The bid form is a combination of lump sum and/or unit prices with contingency items listed.
2. Bid Security Form in the form of a certified check, bank check, irrevocable letter of credit, or Bid bond (on the form included with the Bidding Documents) for 10 percent of the Bid total.

3. It is the responsibility of the bidder to follow and adhere to all bidder requirements and instructions.

SPECIAL CONDITIONS, STAGING, ACCESS, PARKING, USE OF FACILITIES

1. The selected contractor shall notify the residents in advance of construction happening in their area.
2. The Contractor shall keep the existing driveways and entrances serving the properties adjacent to the Project clear and available to the Owner and the public at all times.
3. If the construction work requires temporary disruption, relocation, or modification of utility services to businesses, public facilities, or residences adjacent to the Project, the Contractor shall provide temporary services by methods approved by the utility company and the Engineer.
4. In the event that utility relocations or modifications are required during the Work, make arrangements with the affected utility company to perform such relocations or modifications. Cost of such utility relocations or modifications is considered part of the Contract Price(s) and no extra compensation will be allowed.
5. The selected Contractor when necessary to dewater trenches and other excavations shall provide pumping equipment, capable of handling the flows present; provide standby equipment to protect against equipment breakdown, including but not limited to extra pumps, and power generators. Cost of such equipment shall be included in the Contract Price(s).
6. Owner anticipates Notice to Proceed to be issued in April/May 2025, at which time the Contract times will commence as indicated in the Agreement (00500).
7. Application for PennDOT Highway Occupancy Permit has been made and will be issued to Contractor when received.
8. All issued permits shall become part of these Contract documents. Contractor shall follow all regulations, conditions, and requirements of all permits.
9. Contractor shall provide protection, in the form of fences, for existing trees and physical features scheduled to remain.

SURVEYING

Contractors shall visit the site and become familiar with it prior to submitting their bid. The Contractor is responsible for project stakeout.

EXTENT OF CONSTRUCTIONS

Contractors shall confine construction activities to the limits designated on the drawings.

WORKING HOURS

A normal working day shall be defined as Monday through Friday from 7:00 A.M. to 5:00 P.M. Any change to this schedule shall be requested in writing at least one (1) week prior.

The following restrictions, as applicable, shall be observed during all hours of Work:

1. No jackhammers, heavy equipment, or similar noise generating equipment will be used between 7:00 P.M. and 7:00 A.M. without written authorization by the Owner.
1. Work and hour restrictions listed in the PennDOT Highway Occupancy Permit shall prevail.
2. Contractor shall shield adjacent properties from any supplemental lighting installed to illuminate work site.
3. Contractor shall be responsible for resolution of complaints from adjacent property owners regarding disturbances resulting from Contractor's performance of work.
4. All construction operations, including after hours, shall comply with Federal, State, and local noise and public nuisance regulations.

SPECIFICATIONS

The contractor shall adhere to all specifications detailed in the project manual for South Washington Street Water Main Replacement.

INSURANCE

The Successful Bidder will be required to carry Liability and Workers' Compensation and other insurance in the amount and under the terms stipulated in the General Conditions and Supplementary Conditions.