

SCOPE OF WORK

1. LOCATION OF THE WORK

All work under this Contract will be performed within the Borough of Braddock, Allegheny County, Pennsylvania.

2. DRAWINGS

The following drawings are to be included herein and made an integral part of the Contract Documents. Location Plans, & Typical Details (These Drawings are bound within these documents and follow this Scope of Work).

3. GENERAL DESCRIPTION OF PROJECT

****NOTE WELL** There is a mandatory pre-bid meeting for this project which will be held on Wednesday, March 18 2026 at 1:00PM at the Braddock Borough Municipal Building – 415 6th Street, Braddock, PA 15104.**

The work under this project includes the furnishing of all labor, materials, and equipment required for the performance of all reconstruction as indicated on the Contract Documents. The work essentially includes, but is not limited to:

- A. Remove existing Inlet.
- B. Saw cut existing asphalt and/or concrete sidewalks for removal and replacement of Inlet.
- C. Install new Inlet and connection of existing storm sewer as shown on Plans.
- D. Install section of new sidewalk if required.
- E. The completion of all required restoration, paving, landscaping, and any other such related and required work.
- F. All other such related and required work as indicated on the Contract Drawings or contained elsewhere in these Contract Documents.

All excavation shall be unclassified and no extra payment will be made for rock, boulders, shale, timbers, logs, old foundations, old street car tracks, masonry or other natural or artificial materials encountered in the trenching operations except as may be noted in the Engineering Specifications. The Contractor shall make personal examination of the locations in which the pipelines are to be constructed to determine for himself the extent of the rock that may be encountered. The Contractor acknowledges there may not be sufficient time to perform pre-bid borings to determine the nature of the subsurface conditions and that the Contractor may have to rely on its visual inspection of the site when making a determination as to the character of the subsurface conditions. No information regarding subsurface conditions along the routes of the pipelines will be given by the owner. The Contractor shall assume all risks associated with the composition of the subsurface materials and the ease or difficulty of excavation. The Contractor shall not at any time claim a misunderstanding regarding the depth or character of the excavation to be made or in the nature of the materials to be encountered.

Contractor shall be aware that there may be conflicting utilities within work area that do not get located by one-call. Glenn Engineering does not guarantee that there will be no conflict with the with the proposed construction. There will be no extra compensation for extra work required to remove obstacles in conflict with proposed construction.

This work with all related appurtenances shall be performed at the locations as designated and detailed on the Contract Drawings and as further detailed in the Contract Documents.

4. OWNER/BOROUGH/ENGINEER/COUNCIL OF GOVERNMENTS

The Owner referred to in these Contract Documents shall be Braddock Borough. The Engineer shall be defined as Glenn Engineering & Associates, Ltd.

5. SCHEDULE OF WORK AND LIQUIDATED DAMAGES

The Contractor shall notify the Borough of Braddock and Glenn Engineering not less seven (7) calendar days before construction is to start. This project shall be completed not more than sixty (60) consecutive calendar days following the issuance of the Notice to Proceed.

6. RESPONSIBILITY OF CONTRACTOR

It shall be the responsibility of the Contractor to report to the Engineer any conditions, which he may, in his opinion, deem to be inferior, deteriorated, or otherwise defective.

Should the Contractor fail to report such defects or deteriorated conditions during the construction period, the Contractor shall be held solely responsible for any and all costs necessary to perform required repairs.

The Contractor shall be fully responsible for examining and understanding all terms and conditions relating to the performance of the work under this project and contained on the Contract Drawings and in these Contract Documents.

Should the Contractor have any objections or exceptions to ANY terms and conditions, he shall submit his objections and/or exceptions, in writing, to the Owner and the Engineer prior to the execution of a Contract. The Owner reserves the right to evaluate the exceptions and objections and their right to reject the entire bid.

Should the Contractor fail to provide any such written objections and/or exceptions in the manner previously outlined, and subsequently enter into and executes a Contract for the performance of this project, it shall be fully deemed the Contractor's acceptance of ALL terms and conditions contained herein on the Contract Drawings or in these Contract Documents.

7. STORAGE OF MATERIALS

The Contractor will only be permitted to store materials to be used for this project at a site approved by and acceptable to Municipality. Additionally, the Municipality assumes no responsibility or liability for materials stored at this or any other site. Prior arrangements must be made by the Contractor relative to the use of a storage site.

8. RETURN OF SALVAGE MATERIALS

The Contractor shall be fully responsible for any and all salvage items which will be replaced under this Contract. The Contractor will be responsible for the proper disposal of same at a permitted disposal site.

9. RESTORATION AND LANDSCAPING

The Contractor shall be fully responsible for any and all restoration necessary as a result of this construction. All required restoration and landscaping to be performed shall meet the line, grade, and type of existing adjacent, undisturbed surfaces and bases.

10. PERMITS

The Contractor shall be responsible for and pay any and all associated costs to obtain any permits needed to perform this work. It is anticipated that a Street Opening Permit shall be required by the Borough. The permit fees shall be waived.

A. PROTECTION OF EXISTING FACILITIES

1. PROTECTION OF EXISTING STRUCTURES

Any and all structures adjacent to the sites of construction such as manholes, other castings, poles, pipes, or any such structure including private property shall be safeguarded against damage from the construction operation. Any damage to such structures or property **SHALL** be reported to the Project Representative within 24 hours and **SHALL** be corrected to the satisfaction of the Owner by the Contractor at no expense to the Owner within a timeframe of forty-five (45) days from time of incident. In the event that the Contractor does not meet this requirement, the Borough **SHALL** reserve the right to make the necessary corrections and the Contractor **SHALL** re-imburse the Borough for any and all expenses related to said corrections.

2. TRENCH PROTECTION

The Contractor will be required to provide Pedestrian access to sidewalks at the end of each work day during construction. Contractor shall also provide barriers along widening area during non-construction hours.

3. FORM 408 PROVISIONS

Where Division IX of these Contract Documents may conflict with PennDOT Form 408 Specifications, Latest Revision, Form 408 shall apply. For wearing courses less than 1-1/2-inch in depth, the bituminous concrete shall not be placed unless the air temperature is above 40° Fahrenheit and rising.

11. CONTRACTOR QUALIFICATIONS

Division III of these Contract Documents is a Statement of Bidders Qualifications. If the Bidder has completed this form in its entirety for a similar project or has performed a similar contract through the Owner and Glenn Engineering & Associates, Ltd. within the past twelve (12) months, he need not complete the forms herein included. The Owner and Engineer, however, reserve the right to require any bidder to submit the aforesaid forms should they deem it necessary for any reason.

12. TECHNICAL QUESTIONS

Technical questions pertinent to the work to be performed under this Contract may be addressed to:

Joe Dursa	Phone: 412-691-2356
Glenn Engineering & Associates, Ltd.	Fax: 412-824-9587
14920 Route 30	
North Huntingdon, PA 15642	

13. PAYMENTS

The Total Prices as Shown are based upon the estimated quantities and shall be used only as the basis for bid comparison. The Contractor shall be paid only for the actual quantities of each item, authorized, furnished, and installed. Please note that a part of the funding for this project is from a Federal Grant. Normal payment schedules are approximately sixty days following recommendation of payment. Bidders should take cognizance of this fact and adjust their bids accordingly.

14. PROPOSAL**A. General**

The Bidder shall submit the Unit Price Bids as set forth in the Proposal and herein described in detail. Failure to do so shall be sufficient grounds for the rejection of the entire bid.

The Contractor, under Unit Price Bids shall submit unit prices for the performance of all work as shown on the Contract Plans and specified in the Contract Documents, all as intended or reasonably to be inferred therefrom as necessary to complete the work, including the furnishing of materials, necessary tools and equipment, and all utility and transportation services, and including the providing of all such other work and services as required for the performance of the project. The Contractor shall be paid for the actual quantity of items furnished and installed in accordance with the applicable Unit Prices submitted.

It shall be clearly noted that all items to be specified herein shall be complete in place, including all required excavation. ALL excavation shall be unclassified. No extra payment shall be made for rock excavation.

B. SCOPE OF WORK**1. Unit Price Bids**

Note: Contractor shall verify actual inlet depths prior to Installation to verify pipe diameter, pipe flow line depths, and bottom depth. No extra compensation will be considered for discrepancies. Contractor shall also consult with Project Representative prior to ordering inlets. No extra compensation will be considered for discrepancy on type of inlet to be installed per application.

BASE BID ITEMS:

Bid Items 1 Through 9 - Item includes the cost of labor and materials required to perform the following:

- Saw cut section of existing pavement as directed by project representative
- Remove existing Inlet.
- Install new Type "M" Inlet in road
- Connect to existing 6" dia. Influent & 6" dia. Effluent All pipe trenches shall be backfilled and compacted with 2a stone.
- Install new concrete sidewalk as needed.
- Grass restoration as required and as directed by Project Representative.
- Asphalt restoration to be in accordance with Braddock Borough's Street Opening Ordinance.
- **MUST USE SDR-35 PIPING AND FERNCO FITTINGS FOR CONNECTIONS!!!!**

Supplemental Specifications relative to Lump Sum Bid Items

2. Saw Cut Concrete Road and sidewalks – Item includes the cost of labor and materials required to saw cut existing concrete driveway and sidewalk extending beyond the widening area as shown on plans, and as directed by project Representative. All material excavated shall be hauled offsite to a site having an approved Allegheny County Conservation District Soil Erosion Plan implemented.
3. Remove Concrete Sidewalk - Item includes the cost of labor and materials required to remove Concrete Sidewalk as directed by project Representative, complete in place, as intended or reasonably implied on the Contract Plans or in the Contract Documents. All material excavated shall be hauled offsite to a site having an approved Allegheny County Conservation District Soil Erosion Plan implemented.
4. Remove Concrete Curb - Item includes the cost of labor and materials required to remove existing concrete curb as shown on plans. All material excavated shall be hauled offsite to a site having an approved Allegheny County Conservation District Soil Erosion Plan implemented.
6. Replace / Relocate Inlets - Item includes the cost of removal and disposal of old storm inlet, backfill and surface restoration in grass or sidewalk, excavation for new inlet, supply and installation of Type M and Type C Storm Inlet complete including pipe needed to connect to existing storm sewer, connection of pipe, complete with Fernco fittings, steel frame and bicycle safe grate. Also includes restoration of adjacent asphalt, or concrete around new inlet and saw cutting and sealing of edges with J-1 sealer.
8. Concrete Sidewalk –The contractor shall excavate and remove existing affected sidewalk to the next undisturbed expansion or contraction joint, shall saw cut smooth and replace full slabs. Specifications shall include three 3") inch minimum depth of compacted cinders or crushed stone subbase and five (5") inch thickness of 4,000 psi. air entrained concrete, with No. 6/ 6 gauge welded wire fabric, one half inch (1/2") pre -molded expansion joints where new concrete construction meets existing construction and placed at thirty (30') foot center to center, with contraction joints at ten (10') foot center to center. All new finished concrete surfaces shall be treated with BASF Enviroseal 40 or equivalent. Price shall be on a per square foot basis, measured in place.

CONCRETE CURING AND SEALING COMPOUND

- A. Not less than fifteen (15) days after completion of said concrete work, two coats of Densicrete (or approved equivalent) shall be applied to ALL new finished concrete surfaces as follows:

First Application - Densicrete concrete sealer (or approved equivalent), should be applied at a rate of one gallon not to exceed 75 to 150 square feet spray application only.

Second Application - Second coat Densicrete concrete sealer (or approved equivalent), should be applied shortly after the first, usually within 20 minutes to an hour, while the surface is still slightly damp (wet-on-wet method). It dries to the touch in 5–10 minutes, allowing for rapid reapplication to ensure maximum penetration and sealing.

- **Application Method:** For the second coat, apply while the first is still wet to maximize saturation.
- **Surface Condition:** If the surface has fully dried, it is often better to apply the next layer shortly after the first coat has absorbed.
- **Removal of Excess:** If the second coat does not absorb within 30 minutes, remove any excess to avoid residue.
- **Prior to Other Coatings:** If applying a subsequent, different coating, wait at least 24 hours after the final DensiCrete treatment, allowing it to fully cure.

For the best results, it is recommended to apply the second coat within 20 minutes.

9. Bituminous Pavement Restoration - Saw one (1') foot outside the initial excavation and remove temporary paving and base to a depth of seven and one half (7 1/2") inches below the existing finished surface. Item also includes the cost of labor and materials required to install Bituminous pavement within the excavation area, pavement treatment shall be as follows:

- a. 3" compacted depth of 2A Stone base material
- b. 3" compacted depth of 19 mm Binder course
- c. 1-1/2" of 9.5 mm wearing course

Item also includes the cost of labor and materials to install AC-20 Sealer of all as detailed on the appropriate Contract Drawing and the Engineering Specifications, and all other related and required work, all as intended or reasonably implied on the Contract Plans or in the Contract Documents. Price shall be on a square yard basis.

10. Concrete Curb - Item includes the cost of labor and materials required to saw out and remove affected curb to the next undisturbed expansion or contraction joint, shall place one half inch (1/2") pre -molded expansion joint material and install medium depth eighteen (18") inch plain cement curb to match width and reveal of the adjacent existing undisturbed curb. Concrete shall be 4,000 p.s. i. air entrained. All new finished concrete surfaces shall be treated with BASF Enviroseal 40 or equivalent. furnish and install Concrete curb as shown on plans.