

To: Greater Pottsville Area Sewer Authority Members
From: Light-Heigel & Associates, Inc. (LHAI)
Re: Consulting Engineer's Report (Status Report for Engineering Services)
Date: December 18, 2024

Market Street Separation Project (No. 18-0275) & Corrective Action Plan/Act 537 Update (No. 18-0327)

- A) LHAI has furnished a DRAFT of the CAP/ACT 537 Plan update to the Solicitor and Executive Director for their review and comment prior to submission of the document to the City and County Planning Commission. We recently attended a meeting with Solicitor Brennan, Joe Spotts, Solicitor Pellish and City Administrator Palmar on August 20th to review the project. We are working on updating the Institutional Portion of the ACT 537 Plan update. We will be furnishing metes and bounds descriptions of the separated storm sewer lines in Mahantongo Street and Howard Avenue for Solicitor Brennan. ***LHAI has provided the Authority with a revised Implementation Schedule for the Downtown Area Separation Project. See attachment. LHAI believes the City and the Authority should have a meeting in the near future to iron out the storm sewer ownership issues, costs and completion of the Institutional Portion of the ACT 537 update.***

Laurel Street Separation Area – Project No. 23-0081

- B) ***On Hold.***

Inspection of Downtown Properties and Flood Prevention Recommendations- Project No. 24-0024

- C) ***The LHAI has inspected eleven (11) total properties. LHAI will submit all final reports for each property to the Authority and to the applicable property owner by December 31, 2024.***

Port Carbon Manhole Investigation – Project No. 24-0052

- D) On July 24th, the LHAI team along with assistance from the Street Crew inspected 15 manholes, bringing the total number of manholes inspected to 18. The Street crew was a great help and very professional to work with at tackling the difficult access to the manholes. One of the manholes was blocked with solids. Jim Thomas was going to attempt to get it cleaned out. Another manhole was located up in the embankment but surrounded by poison ivy. The street crew will spray weed killer in the area before we access that manhole. We will be furnishing detailed written reports on each manhole to the Authority. ***Two manholes still need to be inspected. Work will happen in 2025 when the Authority can secure adequate water for flushing.***

Pretreatment Services – Project No. 24-0051

- E)** Work on updating the Pretreatment Ordinance continues; LHAI is continuing our investigation into the requirements regarding PFAS (Per and Polyfluoroalkyl Substances, i.e. Forever Chemicals). ***Tom Schreffler will be meeting with GPASA Pretreatment Coordinator Lynn Strausser on December 19th.***
- F)** ***Downtown Arch Collapse*** – LHAI has obtained a repair proposal from Mar Allen Concrete to repair the collapsed portion of the arch. See attachments. LHAI has prepared a construction cost opinion totaling \$ 504,554.27. This is an estimated construction cost to replace the Arch from Centre Street to Progress Avenue for a total length of approximately 293 lineal feet. The estimate does not include engineering design, bidding and construction administration costs. ***Note, we have received a revised estimate from Mar-Allen Concrete reducing their price to repair approximately 28 lineal feet from \$ 197,121.00 to \$ 156,922.00. LHAI has started the preliminary engineering work. The Survey crew will be out early next year to complete the field survey. We anticipate having a design completed for late spring to bid for construction during the Summer/Fall of 2025.***
- G)** ***Investigation into Sewer System Flooding*** - In regard to the downtown flooding issues, LHAI has performed a review of the as-built drawings from the previous separation project. Based on this information we have a better understanding of the flooding situation on 2nd Street. We are still waiting on a price proposal from Mobile Dredging and Video Pipe Services, Inc. to televise the lines on 2nd Street and Norwegian Street as well as 2nd Street and Mahantongo Street to verify stormwater flow travel paths. We anticipate having the price proposal prior to December 31st and look to have them on site during the month of January.

We will be obtaining a separate proposal to televise the Progress Avenue Norwegian Creek Culvert to verify possible restrictions in the system.

If you have any questions or require any additional information, please contact me.

Respectfully Submitted,



John R. Poff, PE

C: Keith Heigel, PLS, President
Thomas Schreffler, PE, Authority Engineer

GPASA – MARKET STREET SEPARATION PROJECTS

IMPLEMENTATION SCHEDULE TIMELINE

Revised December 18, 2024/ L-H # 18-0327

Construction Start **Laurel St. Separation Area** _____ May 2028
Initiate Feasibility Evaluation of **Western Separation Area** Implementation _____ September 2028
Start Design for **Western Separation Area** _____ December 2028
Construction Complete **Laurel St. Separation Area** _____ 15 Months _____ August 2029
Complete Design for **Western Separation Area** _____ March 2029
Submit WQMII Permit to DEP _____ April 2029
PENNVEST Pre-Application Meeting _____ May 2029
DEP WQMII Permit Review Period Ends _____ 120 Days _____ October 2029
Bidding **Western Separation Area** _____ November 2029
Construction Start **Western Separation Area** _____ January 2030
Construction Complete **Western Separation Area** _____ 15 Months _____ March 2031



Proposal

490 Millway Rd, Ephrata, PA 17522

Phone: (717) 859-4921 Fax: (717) 859-2666

Cell: (717) 468-7072 Email: Jdgroff@marallen.com

Submitted to: Greater Pottsville Area Sewer Authority Attn: _____

Project Name: Storm Sewer Arch Collapse between South Progress Ave and South Center St.

Project Number: _____ Date: 09-25-2024

Project Location: Schuylkill Co., PA From: Joseph D. Groff

We Propose to Furnish Labor (Std. Workweek of 4-10 Hr. Days), Material & Equipment to Perform the Following:

DESCRIPTION	PRICE
Reconstruct ~12 LF of collapsed arch and reinforce 16 LF of existing arch with shotcrete including reinforcing, digging (what can be removed with hand tool) and pour/shoot 28 LF of floor, Dewatering as required, Temporary fence & Traffic Barrier Lump Sum	\$ 181,044.00
Add a manhole to top of reconstructed arch with man cover flush with sidewalk Lump Sum	\$ 16,077.00
	<i>say \$200k</i> \$ 197,121.00

NOTES:

- * Prices DO NOT include Design/Engineering of reconstruction, Permits, Bonds, Traffic Signage, Excavation, Backfill, sidewalk replacement, Shoring of Adjacent Structures.
- * Mar-Allen will require a lane closure on Progress Ave to perform the work. Attached is a drawing of proposed are to be closed to traffic and pedestrians.

Prices DO NOT include Bonds, Overtime, Removal of Debris from work areas or Job Site, Maintenance & Protection of Traffic and Flagmen, Cold Weather Protection; Engineering Services: Covering or Uncovering of Walls, Floors, Pipes, Etc.; Location, repair, removal, or replacement, etc. of any utilities, removal or abatement of any hazardous waste; any covering or protection of any kind, or flagmen for railroads; manufacturer representative services, demolition of any structure, dewatering of structure, stream or environmental protection, or temporary shoring of structure while under repair; Railroad Protective Liability Ins; Vehicles must be removed from property where work is being performed. We will not be responsible for any damage done to vehicles which are not moved.

Prices include 2 million general liability insurance. Work performed on a non-union basis or on a project agreement with union trades.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alterations or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owners to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance

Authorized Signature: Joseph D. Groff Withdrawn within 30 Days

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____ Dated: _____



