

Marion Area Pressure Sewer System Project

Town of Marion, Guilford Township
Franklin County, PA



Introductions

- Guilford Township Authority (GTA)
 - Dave Stockslager, Board Chair
 - Don Clapper
 - Chrystal Miracle
 - Lance Kegerreis
 - Bart Norton
 - Eric Harbaugh, Manager



Introductions

- Guilford Township Supervisors
 - Don Clapper
 - Greg Thomas
 - Mike Ferguson
- Kelso Law, LLC – Melissa Kelso (Solicitor)
- Buchart Horn, Inc. –
 - Brian Funkhouser, PE (Project Manager)
 - David Gill, PE
 - Matt Todaro, PE



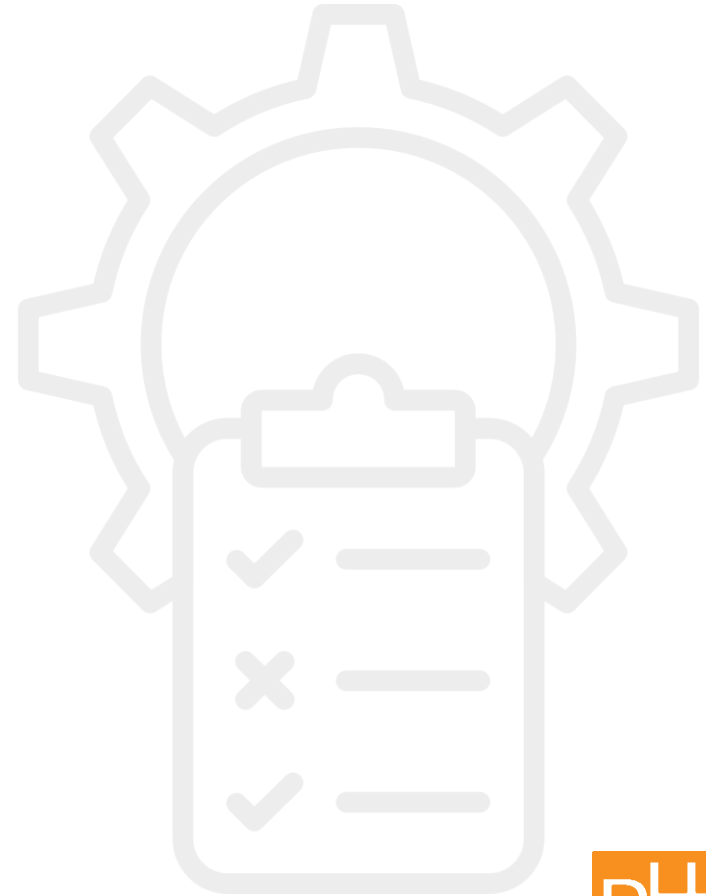
Project Need

Why now?

- Developer has extended sewer lines down the I-81 corridor
- Serves the Town of Marion in Guilford Township, Franklin County, PA.
- Goal - to provide an efficient and sustainable sewer solution for residents

Project Overview

- Project Needs Assessment / Feasibility Study
- Design
- Permitting
- Bidding
- Construction



Project Needs Assessment / Alternatives Analysis

Project Need

- Historically contaminated wells
- Water was brought to Marion, 1990
- Ongoing failing on-lot septic systems
- Mitigate environmental impacts
- Improve health and safety



Alternatives Analysis

Agency Coordination

- USACE Baltimore District
- Pennsylvania Historical and Museum Commission
- State Historic Preservation Office
- Tribal Nations
- US Fish and Wildlife Service
- PA Fish and Boat Commission
- PA Department of Environmental Protection



Alternatives Analysis

Alternatives Considered:

1

No Action

2

Gravity
Sewer System

3

Low Pressure
Sewer System

Alternatives Analysis

1 - No Action

- On-going environment impacts due to karst geography – Limestone geology
- Failing septic infiltration into water table
- Surface flooding infiltration into water table
- Limits land development growth in greater Marion area



Alternatives Analysis

2 – Gravity Sewer System

- Limestone bedrock limitations –Deep excavation for gravity pipelines
- Significant bedrock excavations could cause additional infiltration issues
- Six additional pump stations
- \$6 M more than low-pressure sewer system

Alternatives Analysis

3 – Low-pressure Sewer System

- Limited impacts on bedrock
- Minimal construction impacts to properties and roadways
- Lowest construction timeframe and exposure impact
- Lowest cost for build alternative

Selected Alternative

Marion Low Pressure Sewer

- Approximately 400 connections
- 37,000 linear feet of low-pressure sewer
- Grinder pumps
- Connect low-pressure sewer to pump station adjacent to Shalom Christian Academy

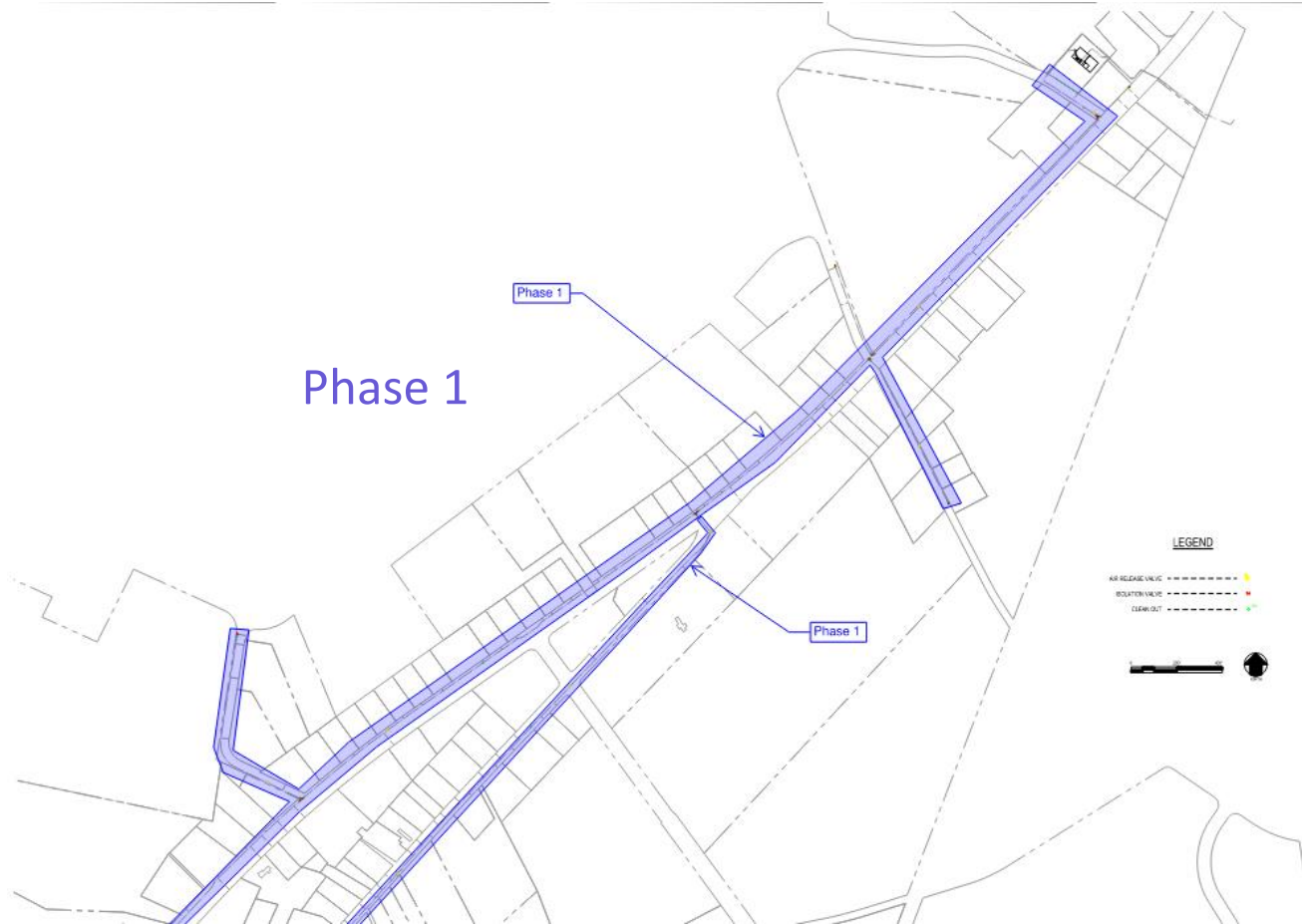


Design and Permitting

- Design – 100% Complete
- Permitting –
 - PADEP Part 2
 - NPDES
 - Awaiting PennDOT Highway Occupancy Permit (Phase 1)
 - Awaiting Railroad Crossing Permit (Phase 3)

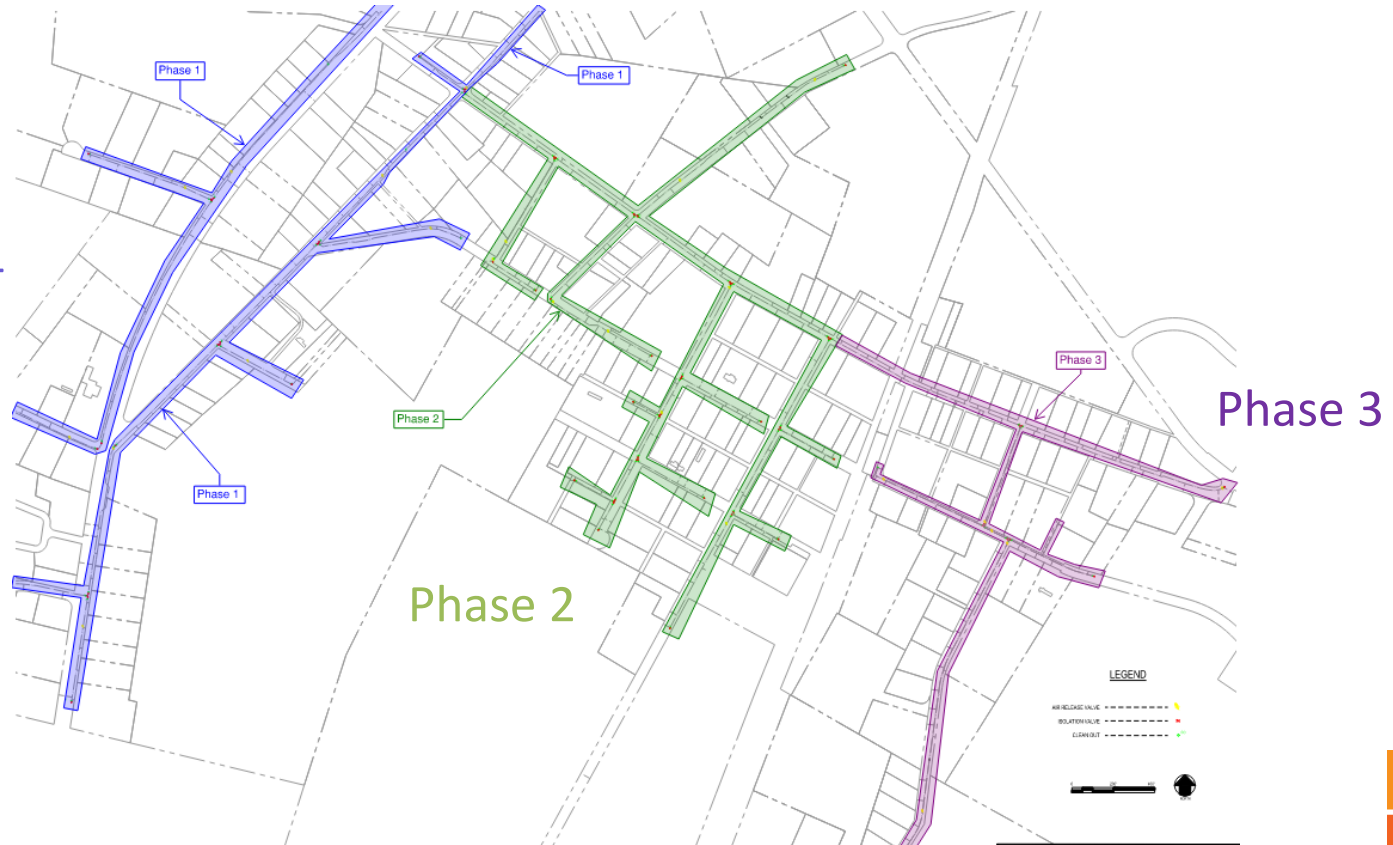


Bidding and Construction Phases



Bidding and Construction Phases

Phase 1



Bidding and Construction Phases

Schedule



Construction

Construction Activities

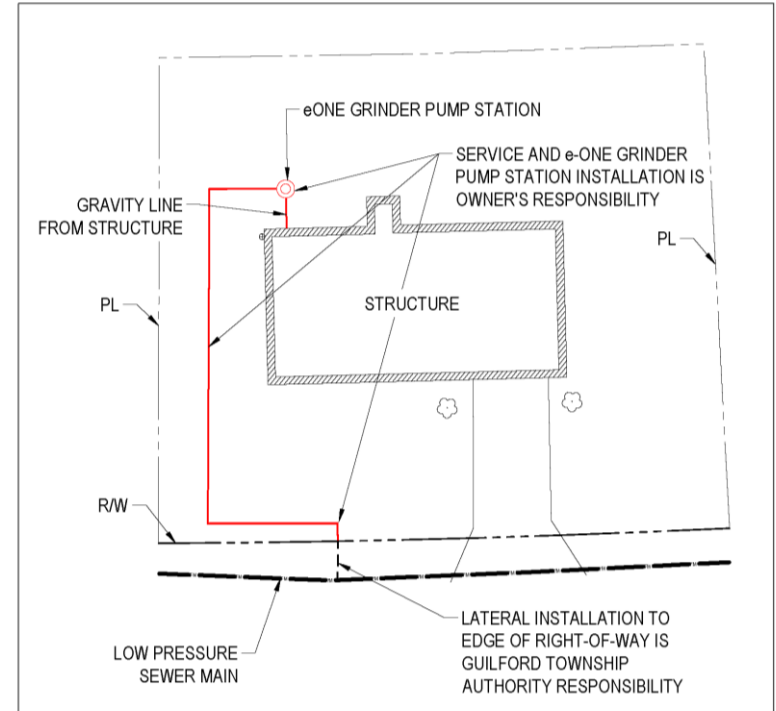
- Narrow trenching in public ROW to install LPS main
- Temporary paving in public road ROW
- System Testing
- Service connection



Construction

Homeowner Responsibilities

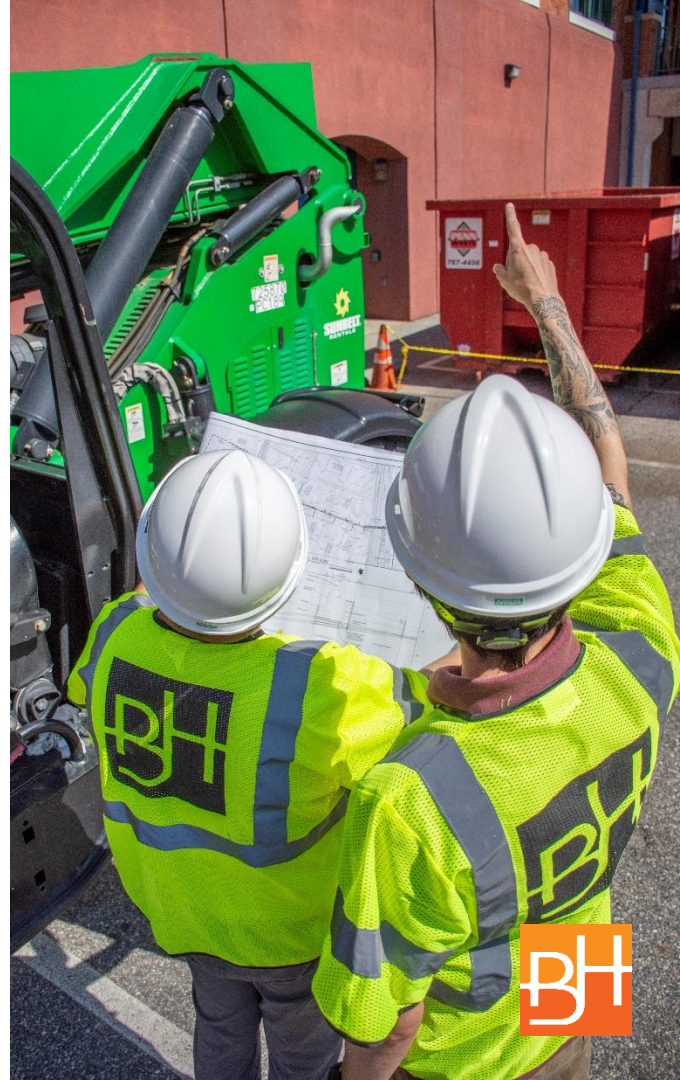
- Select “Certified” plumber
 - June 10 - Contractor Certification Training
 - List of Certified Plumbers (available from GTA upon completion)
- Connection from house to Low Pressure Sewer system lateral
 - Grinder pump installation
 - Service line installation
 - Electric Service connection (240V, 30-amp breaker)
- Existing System Abandonment



Construction

Buchart Horn Responsibilities

- Manage construction and final completion of the project
- Full-time onsite Resident Project Representative (inspecting LPS mains)
- Oversee conformance with Contract Documents



GTA Communications

Authority Manager, Eric Harbaugh

- Service inspections
- Communication with residents and stakeholders
- Project updates on website
- GTA Website:
<https://www.guilfordtwp.us/departments/Sewer/MarionSewerProject>
- Eric Harbaugh, eharbaugh@guilfordtwp.us
- Office phone #: 717-264-7653, Option 2



Financial Discussion

Homeowner Responsibilities

- Tapping fee - \$5,500
(September 1, 2025)
- 60 days to pay Tap Fee
- 180 days to connect to LPS
- Grinder pump installation
- Service line
- Electric service
- Homeowners have access to PennVest financing

Cost Variables

- Electric service
- Rock excavation
- Linear feet of service line

GTA to provide

- Residential Grinder Pump System (simplex) – approximately \$7,500
- Inspection and startup





Questions?