

REQUESTING DEPARTMENT: Stormwater Utility**FUNCTION OR NEED OF REQUESTED PURCHASE:**

Repair on Storm Structure 022 from County-Asset has considerable damage and needs repaired to prevent road failure.

**FINANCIAL ANALYSIS:**

COST PER ITEM	\$ 73,818.00
# OF ITEMS REQUESTED	1
TOTAL AMOUNT REQUESTED	\$ 73,818.00

PURPOSE OF REQUEST New**REVENUE IMPACTS:**IS THIS A REVENUE PRODUCING ITEM? NoIF YES, AVERAGE EXPECTED ANNUAL CHANGE No**COST IMPACTS (ADDITIONAL STAFF, INSURANCE, FEES, CONTRACTS):**

Impact is initial Cost

**OTHER CONSIDERATIONS:**IS RENOVATION REQUIRED NoIS ADDITIONAL SPACE NEEDED NoEXPECTED LIFE 20 YEARS

Lowering water main

**FUND/APPROPRIATION REQUESTED TO EXPENSE FROM:**

	AMOUNT
HOST (709)	
RAINY DAY (510)	
EDIT (102)	
GENERAL ( )	
Stormwater Utility	6501.44950.00000.0670

HAVE YOU EXPENDED ALL OF YOUR DONATION, GRANT AND/OR APPROPRIATIONS FOR THIS FUNDING FIRST:

Yes

**IMPORTANT:**

All requests must be submitted to the Town Manager and Clerk-Treasurer at least 7 days prior to the next Council meeting to be included on the agenda for Council consideration.

Budget Review Recommendation: Town Manager & Clerk-Treasurer Approve, Disapprove, Further Review  
Comments:

Carrie E. Lofton

Mark R. Wilson

COUNCIL NOTES:

REQUESTED BY: Barry LoftonDATE 2/27/2026



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111 ROOSEVELT BOULEVARD, JOHNSTOWN, PA 15906  
PHONE: 814-533-5780 FAX: 814-535-5328

## **PROPOSAL**

**Date:** February 25, 2026

**Project:** 1590 E. Main Street Danville IN 46122 (Farm Bureau)

**Contact:** **Barry Lofton**  
City of Danville  
Utility Director  
49 N. Wayne Street  
Danville, IN. 46122  
Phone 317-745-4180 Ex 3001  
blofton@danvillein.gov

### **GENERAL SCOPE OF WORK:**

After dewatering and cleaning the pipe we propose to structurally rehabilitate approximately 106 linear feet of approximate 7'-4" x 11'-3" Metal Pipe with an 11-foot invert liner with each of the four joints receiving a two-foot full circumferential band using a nominal 2"-3" inches of 5,000 psi shotcrete. The shotcrete will be reinforced with welded wire fabric as described below.









We will include the following items if shaded:

#### **MATERIALS:**

- ☒ Gunite / Shotcrete
- ☐ Strongseal
- ☐ Pre-bag Material
- ☒ Concrete Additives
- ☐ Pressure Grouting (Cement-Based)
- ☐ Chemical Grouting
- ☐ Epoxy Injection
- ☐ Chimney Seals

#### **REINFORCING:**

- ☒ Reinforcing Mesh
- ☐ Reinforcing Steel
- ☒ Anchor Bolts/Screws
- ☐ Polypropylene/ Steel Fibers

#### **CURING:**

- ☐ Water Curing
- ☐ Compound Curing
- ☒ Natural Curing

#### **SITE:**

- ☐ Water to Our Tank
- ☒ Sanitary Facilities
- ☐ Scaffolding
- ☐ Traffic Control
- ☒ Safety Equipment
- ☒ Dewatering or Shoring
- ☒ Protection, Covering, or Cleaning
- ☒ Removal of Excess Sand
- ☒ Removal of Rebound
- ☐ Removal of Epoxy Injection Ports
- ☒ Confined Space Equipment

#### **PREPARATION OF SURFACES:**

- ☐ Chipping
- ☐ Sandblasting
- ☒ Water blasting
- ☐ Forms-Headers
- ☐ Excavation and Fine Grade
- ☐ Expansion Joints
- ☐ Weep Holes
- ☐ Removal of Manhole Steps

#### **FINISH:**

- ☒ Trowel & Broom
- ☐ Natural Gun
- ☐ Float
- ☐ Other

#### **TESTING:**

- ☐ Pre-Construction
- ☐ Water Test
- ☐ Vacuum Test
- ☐ Test Panels

#### **SPECIAL CONDITIONS:**

- ☐ Permits
- ☐ Performance & Payment Bond
- ☐ Certified Payroll

#### **ANY ADDITIONAL ITEMS:**

1. City to provide site access & 24/7 setup area
2. City to provide Traffic Control, if needed
3. City to provide water, if needed
4. City to provide area to dispose of debris
5. Work to be done in dry period to avoid major bypass
6. City to clear head and outfall of pipe, if needed

## **DETAILED SCOPE OF WORK:**

- A. PRELIMINARY SITE WORK** - Upon mobilizing to the site, National Guniting forces will cordon off our site staging area to protect and ensure the safety of any pedestrian and vehicular traffic.

Before entering the pipe, National Guniting will sample the atmospheric conditions as well as constantly monitor the air within the pipe in accordance with 29 CFR 1926 Code of Federal Regulations as it pertains to confined space entry. All National Guniting personnel have completed the necessary confined space training and meet all OSHA requirements and certifications.

- B. PIPE PREPARATION** - National Guniting will control the water flow within the pipe structure as well as dewater our work area within the confines of the pipe by constructing a temporary sandbag weir and directing the flow through an internal flume system.

Temporary PVC piping will carry any water past our work area, keeping it dry. The sand bag weir is designed so that, in the event of a major weather event, the water will either spill over the top of the weir or collapse it completely to allow the high flow to move through the existing pipe without backing up or pooling. As an alternative to the flume system, bypass pumping may be necessary. If so, the cost will be included in our proposal, and no additional charges will be assessed.

National Guniting will then clean and prepare the interior of the pipe. Heavy debris will be removed either mechanically or by hand. If necessary, deteriorated sections of pipe may be removed by using cutting blade grinders and/or pneumatically powered saws.

Lastly, the entire pipe structure will be water blasted to remove all remaining dirt and debris to prepare the surface for the shotcrete application.

- C. REINFORCEMENT** – National Guniting will install a 2" x 2", 12-gauge galvanized, welded wire fabric blanket. The reinforcement will be attached securely to expansion anchors placed on 24-inch centers each way. The mesh will be tied to the anchors with 16-gauge annealed tie wire.

- D. GUNITING WORK**- All work will be completed in strict accordance with American Concrete Institute's 506 R95 Guide to Shotcrete. The shotcrete mix will be comprised of Quikrete Shotcrete MS. The dry ingredients will be pneumatically projected through the shotcrete hose and hydrated with 4.5 gallons of potable water at the nozzle.

This mix will yield a compressive strength of 7,000 psi at 28 days. The freshly placed shotcrete will then be screeded, broomed, and allowed to naturally cure in the moist

confines of the pipe. The final thickness will be a nominal 2"- 3" inches, measured from the valley of the CMP to the finished surface.

All rebound material will be removed from the pipe on a daily basis, and all debris created as the result of our operation will be removed from the sewer line and disposed of properly. Photographs and/or Go Pro Video will be provided of our finished work.

- E. RESULTS** - It is generally acknowledged throughout the pipe rehabilitation industry, as well as the Trenchless Technology circuit, that a shotcrete-lined pipe will yield a minimum of 50 to 75 years of additional life.

Also, Manning's coefficient (a measure of roughness) for corrugated metal pipe is about 0.022, while trowel-finished shotcrete is 0.012. The smoother surface more than compensates for the minor decrease in cross-sectional area that results from the guniting process.

#### **PRICING:**

In consideration of completing the work described above, we are to be paid the following amounts:

Mobilization*	\$ 2,000. *
Rehabilitate CMP pipe as detailed above, Lump Sum, Complete	\$ 71,818.
<b>TOTAL</b>	<b>\$ 73,818.</b>

*\*if work on multiple culverts is contracted and scheduled to be performed at the same time mobilization may be reduced for each subsequent mobilization.*

**WARRANTY:** National Gunite guarantees our work *and will provide a yearly inspection of the pipe* and shall remedy without cost to the Owner, any defects that may develop from our materials or workmanship for a period of one year from the date of final payment.

**Terms: Net 30 days upon completion of project.**



**RESUMES OF MANAGEMENT PERSONNEL:**

**Julian R. Beglin**  
**Vice President**  
**Johnstown, PA**

1998 - 2003 Laurel Management  
2024 - Present National Gunitite / Laurel Management

Julian has more than 25 years of utility construction and civil engineering experience and has a Bachelor of Science Degree in Civil Engineering & Management.

**Shane Snyder**  
**Vice President, Eastern Regional Director**  
**Turbotville, PA**

2006 - Present          National Gunitite

Shane has spent his entire Shotcrete career in pipeline rehabilitation and was promoted from foreman to superintendent in 2011 and Eastern Regional Director in 2017 and Vice President in 2022.

**Tim Martin**  
**Midwest Regional Director**  
**Indianapolis, IN**

2006 - 2015          Trotter Construction Group  
2015 - 2016          FOSO Construction, LLC  
2016 - Present          National Gunitite

Tim has extensive experience in all aspects of utility infrastructure and has held such positions as project engineer, estimator, project manager, business development director and operations manager.

Tim has spent the last nearly 20 years rehabilitating sanitary sewer lines and structures in throughout States of Ohio, Indiana and Kentucky.

**REFERENCES:**

John Morgan  
Manager - Special Projects  
Citizens Energy Group  
2020 N Meridian St, Indianapolis, IN 46202-1306  
317-924-3311  
<http://www.citizensenergygroup.com>

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[bob.carpenter@insightpipe.com](mailto:bob.carpenter@insightpipe.com)

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Orleans, IN 47452  
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## **TERMS AND CONDITIONS:**

### **A. GENERAL**

1. This document represents the entire agreement between the Customer and National Gunite. It covers all of the work to be completed under this proposal, and there are no prior representations, either verbal or written, that are outside of this proposal or contract. Any subsequent modification or change must be made in writing and signed by authorized representatives of both the Customer and National Gunite.
2. In the event that a purchase order and/or subcontract agreement is issued for the proposed work, the section above designated "Scope or Work" must be included on said purchase order or subcontract. Alternatively, this proposal may be attached to the purchase order or subcontract agreement.
3. This proposal does not become a contract until it is signed by the Customer and the Vice President of National Gunite.
4. It is agreed that National Gunite shall be permitted to prosecute work without interruption. For any delays created by the Owner/Contractor, their employees or their representatives, it is agreed that National Gunite shall be reimbursed for actual expenses and damages. These costs include but are not limited to labor, owned equipment, rented equipment, and applicable taxes.
5. National Gunite carries the following insurance coverage:

General Liability	\$ 1,000,000 each occurrence; \$ 2,000,000 aggregate
Umbrella Liability	\$ 10,000,000 each occurrence; \$ 10,000,000 aggregate
Automobile Liability	\$ 1,000,000 each accident
Workman's Comp.	\$ 1,000,000 each accident

### **B. LIMITATIONS & EXCLUSIONS**

1. This proposal is based upon current prices and conditions, and may be withdrawn if not accepted within fifteen (15) days.
2. Unless specifically noted otherwise, all National Gunite labor in this proposal is **NOT** priced at current prevailing wage rates.
3. Execution of the work covered by this proposal is contingent upon the nonoccurrence of strikes, fires, accidents, delays of carriers, delays in delivery of material or other unavoidable circumstances that are beyond the reasonable control of National Gunite.
4. National Gunite reserves the right to sublet any portion of this proposed work if determined to be appropriate.
5. This contract does not include any charges in the way of Federal, State or Municipal taxes which may be imposed upon this transaction. It is understood that if any such taxes do apply, they shall be paid by the Customer.

6. Unless specifically noted, the price contained in this proposal does not include performing any portion of the work during freezing weather. If any work is executed during freezing weather, the Customer shall provide all labor and material in connection with the heating and protection of National Gunitite's work and materials. The Customer shall also reimburse National Gunitite for the additional costs associated with winter operations.

#### C. TERMS

1. On or about the tenth (10th) day of each month of the project, the Customer shall pay National Gunitite for ninety percent (90%) of the work that was completed during the previous month. Final and full payment shall be made within fifteen (15) days of completion of the project and upon submission of the final invoice.
2. If timely payment for work performed is not made as described above, National Gunitite may, at its sole discretion, file the appropriate lien documents on the property described in this proposal.

#### D. CUSTOMER TO PROVIDE

1. The Customer shall be responsible for providing National Gunitite with free access to the site, adequate space to receive and store materials, traffic control and sufficient space to enable the proper execution of the work described herein.
2. Potable water will be supplied by the customer to within fifty (50) feet of the cement gun.
3. The Customer agrees to pay the cost of any and all surety, bonds and permits associated with the project.

#### **ACCEPTANCE OF PROPOSAL:**

\_\_\_\_\_  
Name of Company, Owner or Contractor

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Individual (Signature)

\_\_\_\_\_  
Title

#### **FOR NATIONAL GUNITITE**

\_\_\_\_\_  
Julian Beglin, Vice President