



City of Mt. Juliet

Attn: Dana Hire
2425 N. Mt. Juliet Road
Mt. Juliet, Tennessee 37122

BID ENCLOSED FOR: PIPE LINER – WILLOUGHBY STATION BOULEVARD

Bid Date and Time: February 3, 2026, at 11:00 AM

Prime Contractor: Walker Building Group, LLC
License # 57127

Expiration Date: 3/31/2028
Classifications: BC; HC; HRA; MU
Monetary Limit: Unlimited

Electrical Contractor: N/A

Plumbing Contractor: N/A

Masonry Contractor: N/A



February 3, 2026

Dana Hire, Finance Director
City of Mt. Juliet Finance Department
2425 N. Mt. Juliet Rd.
Mt. Juliet, TN 37122

RE: PIPE LINER - WILLOUGHBY STATION BOULEVARD

Dear Ms. Hire, Mr. Meadors and City of Mt. Juliet Representatives:

Walker Building Group, LLC is pleased to provide the following proposal and bid response to line approximately 127 linear feet of 66-inch corrugated metal pipe crossing under the roadway on Willoughby Station Blvd. utilizing A.W. Cook cementitious Spray Applied Pipe Liner (SAPL) at a thickness of one (1) inch. Included in the price below is the cost of cleaning the pipe and repairing the pipe at the bend. The proposed work timeline for the project is five (5) total days, weather dependent. The temperature must reach 32 degrees Fahrenheit and be actively rising for work to begin. However, work can begin immediately once those weather conditions are met.

Total Cost of Lining = \$67,634.79

Exclusions

1. Water Supply
2. Traffic Control

The new lining will conform to the contours of the host pipe including any changes in shape or dimension. Walker Building Group's SAPL pipe rehabilitation method is TDOT-approved and has proven to be an effective solution for similar state and municipal clients across Tennessee.

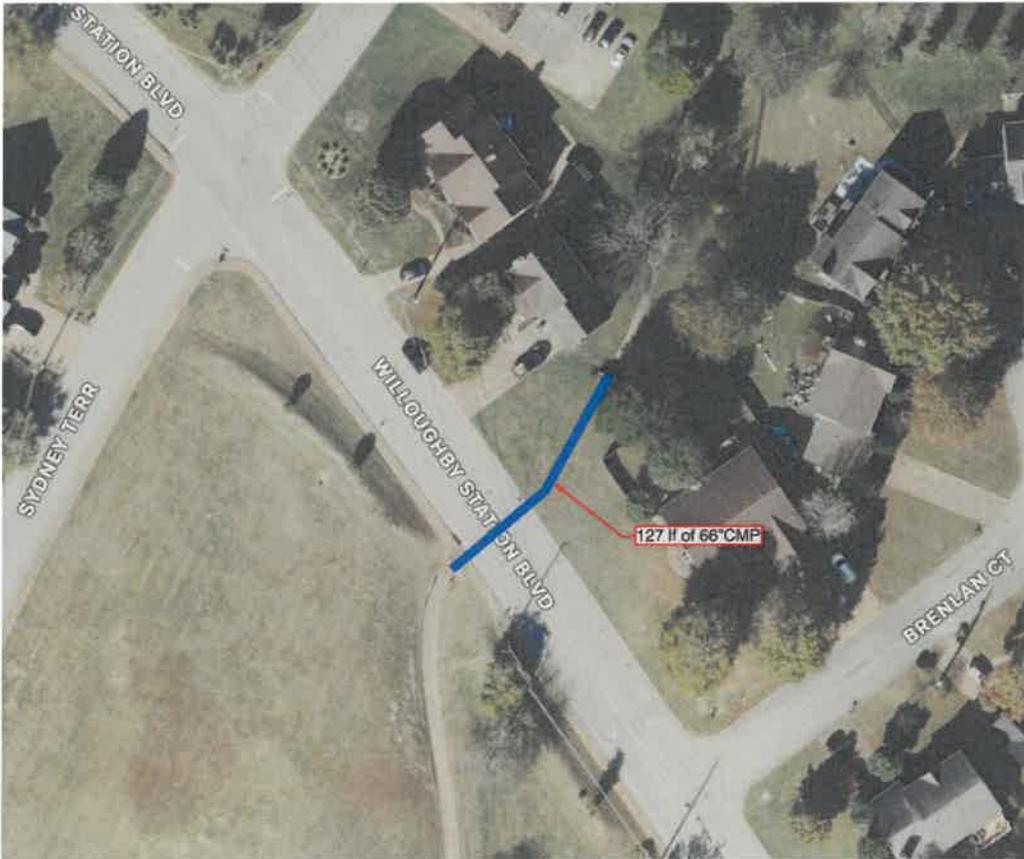
Thank you for the opportunity to submit our response to the City of Mt. Juliet's Pipe Liner bid. Please contact me at ptaylor@walkerbuildinggroup.com or by phone at 615-767-4111 if you need additional information or clarification. We look forward to the opportunity for future collaboration.

Thank you,

Walker Building Group, LLC

A handwritten signature in blue ink that reads 'P Taylor'.

Phillip Taylor, Vice President





A.W. Cook Cement Products - Cement Horizontal Pipe Lining Mortar (HPLM)
 NTPEP SAPL #2017-01-002
 TEC Services Job #17-1365
 TEC Lab #18-227

NTPEP Evaluation of Spray Applied Non-Structural and Structural Pipe Liners for Storm Water Conveyance

Dry Material Weight = 25 pounds Water Amount = 4.15 pounds Mixing Time = 3 minutes with Drill Paddle

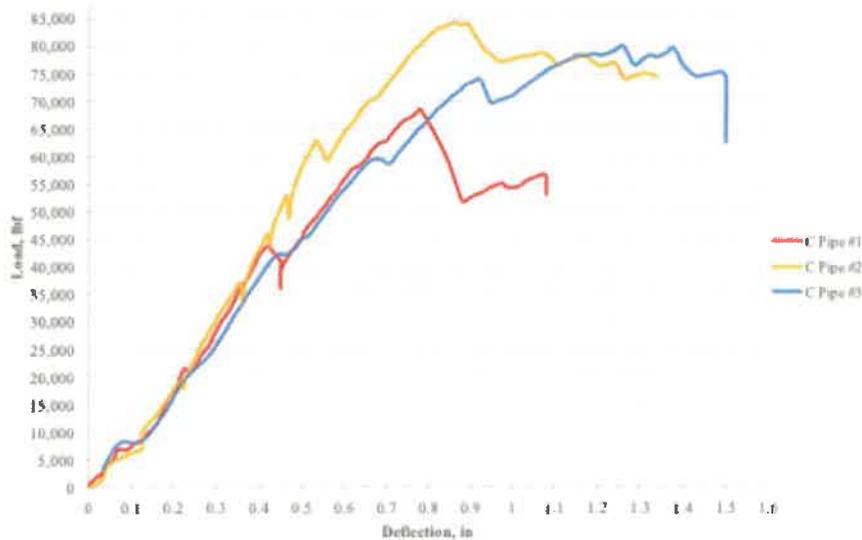
| AASHTO-T-358 Surface Resistivity (kΩ-cm) | 0° | 90° | 180° | 270° | Average | Rating |
|--|---------------------|---------------------------------|--------------------|---------------------|----------------------------|----------------------------|
| | 77.0 | 79.0 | 76.1 | 77.5 | 77.4 | Very Low |
| | 76.8 | 78.7 | 76.5 | 76.8 | 77.2 | Very Low |
| | Average of Sample 1 | | | | 77.3 | Very Low |
| | 76.1 | 75.2 | 77.2 | 78.6 | 76.8 | Very Low |
| | 75.5 | 75.6 | 77.4 | 78.4 | 76.7 | Very Low |
| | Average of Sample 2 | | | | 76.8 | Very Low |
| Average of 2 Test Samples | | | | 77.0 | Very Low | |
| ASTM C1609 Flexural Strength | Age Tested | Average Width (in) | Average Depth (in) | Load (lbf) | Modulus of Rupture (psi) | Average (psi) of 3 Samples |
| | 3 tests at 7 days | 2.00 | 2.00 | 1,240 | 930 | 1,000 |
| | | 2.00 | 2.00 | 1,325 | 995 | |
| | | 2.00 | 2.00 | 1,440 | 1,080 | |
| | 3 tests at 28 days | 2.00 | 2.00 | 1,480 | 1,110 | 1,105 |
| | | 2.00 | 2.00 | 1,470 | 1,105 | |
| | | 2.00 | 2.00 | 1,475 | 1,105 | |
| ASTM C109 Compressive Strength | Age Tested | Surface Area (in ²) | Depth (in.) | Peak Load (lbf.) | Compressive Strength (psi) | Average (psi) of 3 Samples |
| | 3 tests at 7 days | 4.00 | 2.00 | 32,030 | 8,010 | 8,000 |
| | | 4.00 | 2.00 | 32,800 | 8,200 | |
| | | 4.00 | 2.00 | 31,100 | 7,780 | |
| | 3 tests at 28 days | 4.00 | 2.00 | 41,800 | 10,450 | 10,090 |
| | | 4.00 | 2.00 | 40,310 | 10,080 | |
| | | 4.00 | 2.00 | 38,930 | 9,730 | |
| ASTM C403 Time of Setting | Initial Set (min) | | | Final Setting (min) | | |
| | 437 | | | 633 | | |

Table 3 – Test Results for Repair Material at 1" Thickness

| Pipe Specimen ID | Pipe #11 | Pipe #12 | AVERAGE |
|--|----------|----------|----------------|
| Wall Thickness (inches) | 5.250 | 5.250 | 5.250 |
| Inside Pipe Diameter (inches) | 47.875 | 47.875 | 47.875 |
| Load to D-Load Crack (pounds) | 52,080 | 35,990 | 44,040 |
| Deflection at D-Load Crack (inches) | 0.454 | 0.464 | 0.459 |
| D-Load Strength (lbs/linear ft) | 1,630 | 1,130 | 1,380 |
| Repaired Inside Pipe Diameter (inches) | 46.875 | 46.875 | 46.875 |
| Repair Material Thickness (inches) | 1.00 | 1.00 | 1.00 |
| Repaired Pipe Load @ Original D-Load (pounds) | 52,790 | 48,140 | 50,465 |
| Repaired Pipe Deflection @ Original D-Load (in.) | 0.450 | 0.393 | 0.421 |
| Repair Material Defects at D-Load | None | None | None |
| Load at Repair Material Failure (pounds) | 63,170 | 57,090 | 60,130 |
| Deflection at Repair Material Failure (inches) | 0.503 | 0.588 | 0.546 |
| Ultimate Load (pounds) | 91,540 | 126,790 | 109,170 |
| Deflection at Ultimate Load (inches) | 1.116 | 1.443 | 1.280 |

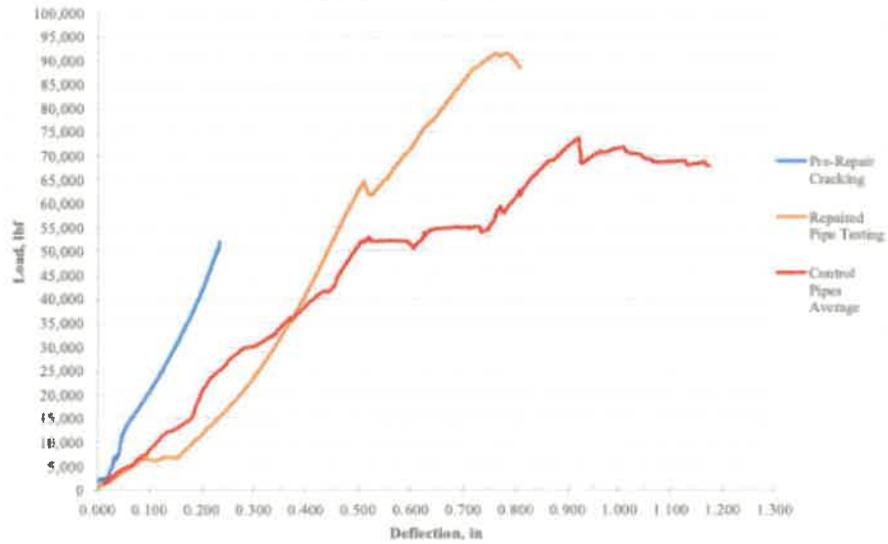
Graph 1 – Results of the Control Pipes Tested

Control Pipes - Load Over Deflection



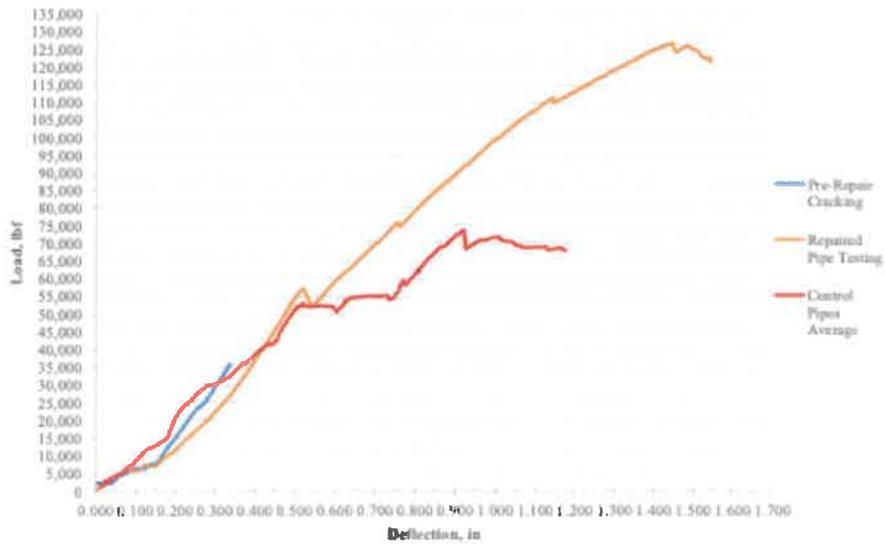
Graph 6 – Results of Pipe #11 – HPLM @ 1" Thickness

Pipe #11 Load Over Deflection



Graph 7 – Results of Pipe #12 – HPLM @ 1" Thickness

Pipe #12 Load Over Deflection





Product Category: 41 - Rockfall Mitigation
Section: C-Rockfall Pinned Slope Mesh
Material: QPL41.011 Rockfall Pinned Slope Mesh TN Type III

| | | |
|-----------------|---------------------------|--------------|
| 89901468 | - Geobruugg North America | |
| | Trade Name | Evaluation # |
| | Spider Mesh | -- |
| | -- | |

Product Category: 42 - Spray Applied Liner Material
Section: A-Geopolymer and Cementitious Material
Material: QPL42.001 Geo-polymer and Cementitious Material

| | | |
|-----------------|---------------------------------------|--------------|
| 89901522 | - A. W. Cook Cement Products | |
| | Trade Name | Evaluation # |
| | Horizontal Pipe Lining Mortar | 19075 |
| | D-LOAD NTPEP SAPL 2017-01-002 | |
| 89901528 | - AP/M Permaform | |
| | Trade Name | Evaluation # |
| | PL-8000 | 19078 |
| | D-LOAD NTPEP SAPL- 2018-01-002 | |
| 89901548 | - GeoTree Solutions (ClockSpring-NRI) | |
| | Trade Name | Evaluation # |
| | GeoSpray Geopolymer | 21019 |
| | D-LOAD NTPEP SAPL-2017-01-001 | |



Product Category: 18 - Pre-Packaged Grout
Section: A- Pre-Packaged Grout
Material: QPL18.001 Pre-Packaged Grout

| | | |
|-----------------|--|--------------|
| 89901477 | - Paget-USA | |
| | Trade Name | Evaluation # |
| | V1/30 HF High Strength Non-Shrink Grout | 17004 |
| | Cementitious, non-shrink grout. Compressive strength: 10150 @ 1 day, 13050 @ 7 days, 16850 @ 28 days. | |
| | V1/50 Non-Shrink Grout | 17005 |
| | Cementitious, non-shrink grout. Compressive strength: 5800 @ 1 day, 10150 @ 7 days, 11800 @ 28 days. | |
| 8990741 | - Quikrete Co | |
| | Trade Name | Evaluation # |
| | CG Fastset Non-Shrink Grout | 09002 |
| | Cementitious, non-shrink grout. Compressive strength, plastic: 5000 @ 1 day, 8000 @ 7 days, 9000 @ 28 days; Flowable: 4800 @ 1 day, 5500 @ 7 days, 7500 @ 28 days; Fluid: 4000 @ 1 day, 5000 @ 7 days, 6500 @ 28 days. | |
| | Commercial Grade Fastset Repair Mortar | 09055 |
| | Polymer-modified mortar. Compressive strength: 2000 @ 1 hrs., 3349 @ 1 day, 4612 @ 7 days, 5199 @ 28 days. | |
| | Non-Shrink General Purpose Grout | 22011 |
| | Cementitious, Non-Shrink General Purpose Grout. Compressive strength, Plastic: 3000 @ 1 day, 7000 @ 7 days, 9000 @ 28 days; Flowable: 2500 @ 1 day, 6500 @ 7 days, 8000 @ 28 days; Fluid: 2000 @ 1 day, 5500 @ 7 days, 7000 @ 28 days. | |
| | Quick Setting Cement | 02042 |
| | Cementitious grout. Compressive strength: 2201 @ 1 day, 5019 @ 7 days, 5312 @ 28 days. | |
| 89900836 | - Sika Corp | |
| | Trade Name | Evaluation # |



STATE OF TENNESSEE
DEPARTMENT OF
COMMERCE AND INSURANCE



WALKER BUILDING GROUP, LLC

415020

ID NUMBER: 57127
LIC STATUS: ACTIVE
EXPIRATION DATE: March 31, 2028

BOARD FOR LICENSING CONTRACTORS
CONTRACTOR

THIS IS TO CERTIFY THAT ALL REQUIREMENTS
OF THE STATE OF TENNESSEE HAVE BEEN MET

ATTN:WALKER BLOODWORTH
WALKER BUILDING GROUP, LLC
2617 LOCUST STREET
NASHVILLE, TN 37207

State of Tennessee

15096769

BOARD FOR LICENSING CONTRACTORS
CONTRACTOR
WALKER BUILDING GROUP, LLC

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 57127
LIC STATUS: ACTIVE
EXPIRATION DATE: March 31, 2028
UNLIMITED; BC; HC; HRA; MU



IN-1313
DEPARTMENT OF
COMMERCE AND INSURANCE