

## ADDENDUM NO. 1

---

To: Construction Documents dated January 28, 2026

Project: BL000A –17<sup>th</sup> Street Stormwater Culvert Lining - IU 20231354

BRcj Project No.: 11950

Date: February 9, 2026

---

This Addendum, issued prior to bidding alters, amends, corrects, or clarifies the Proposal Documents to the extent stated herein and does thereby become a part of the Proposal Documents and will become part of the Contract Documents of the successful bidder.

---

### ITEMS INCLUDED IN THIS ADDENDUM

#### **ANSWERS TO QUESTIONS**

*Q1: Is UV CIPP ASTM 2019 is an acceptable lining option for this project?*

A1: No. There is a set of electrical conduits suspended in the top of one of the pipes that would prevent proper installation of the CIPP.  
----

*Q2: Would IU consider Geospin Geopolymer by Madewell Products Corp. as an approved equal?*

A2: No. The provided test data for GeoSpin does not appear to meet the minimum 800psi requirement for Flexural Strength.  
----

*Q3. I am local to Bloomington and would like to take a look at the site(s) next week. Is there anything relative to visible obstructions due to snow etc?*

A3. I haven't visited the sites today to check current conditions, but the project areas are generally accessible for observation by contractors. Note that there is a chain link fence that prevents physical access to the culvert under the RR tracks at Law Lane, but the mouth of the culvert is easily visible through the fence.  
----

*Q4: Will a spray-applied lining, such as high-strength shotcrete be considered as an alternate to centrifugally cast? The hand-held spray shotcrete process will allow for voids to be filled and anomalies in the pipe to be addressed while installing a monolithic liner.*

A4: Specifications require a spray-applied geopolymer mortar lining. Portland cement-based products will not be acceptable. Hand application of the geopolymer lining material would be acceptable wherever project conditions may limit the use of spray-casting equipment, subject to manufacturer approval.  
----

*Q5: Sheet 33 31 30-4 Sealing Manholes and junctions with 1" minimum unless otherwise stated, will these need to be rehabbed as well?*

A5: No. Rehabilitation of manhole structures is not required.  
----

Q6: *Sheet 33 31 30-4 also states that a manufacturer representative shall be onsite during mixing applications. Will that be needed if approved by that manufacturer?*

A6: If manufacturer representative is not available to be present on site, they shall provide written authorization and verification that the contractor has extensive experience and training working with approved geopolymer material and application methods.

---

Q7: *Could you share any video or pictures available of the culverts needing to be rehabbed?*

A7: Yes, CCTV video of the base bid pipes will be made available for download from the IU Plan Room with this Addendum.

### **CHANGES TO PROJECT MANUAL**

Section 33 31 30 – Rehabilitation of Sewer Pipelines

#### Part 1.4 PERFORMANCE REQUIREMENTS

ADD: “D. The thickness of the geopolymer liner shall be designed assuming a fully-deteriorated host pipe condition, with no bonding to the original pipe wall, such that the installed liner is fully structural stand-alone solution requiring no structural support from the host pipe.”

Part 2.2.A. Invert Repair Mortar/Geopolymer.

ADD: “GP Flowable Grout” as an acceptable invert repair material.

Part 2.2.B Pipe Lining Mortar/Geopolymer

ADD: “LOCTITE GeoSpray” as an acceptable pipe rehabilitation material.

Part 2.2.B.a.b. Flexural Strength

REPLACE: “ASTM C-293” with “ASTM C-78”

*Required Minimum Flexural Strength is 800 psi @ 28 days by either method.*

Part 3.3.B.7

DELETE the following sentence: “~~Unless specifically directed otherwise in the project plans/specification, all starter/intermediate/terminal manholes/junctions/bends/other structures which are directly impacted by pipe rehabilitation activities will also be lined as directed in the project plans/specifications to a minimum thickness of 1 inch.~~”

### **CHANGES TO PROJECT PLANS**

None

### **ATTACHMENTS**

1. CCTV Inspection Video, downloadable via IU Planroom,
  - A. showing the culvert pipe under 17<sup>th</sup> Street:  
“MEMORIAL HALL-AMH '4'-AMH '5'-.mp4”
  - B. showing the culvert pipe under the railroad tracks at Law Lane:  
“-ACB 'STR1'-ACB 'STR2'-\_4.mp4”

**END OF ADDENDUM ONE**