



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: September 1, 2017
SUBJECT: STP#2 Sewer – Lining vs Spot Repair

The 18" western interceptor sewer coming into STP#2 has developed a sink hole and was TV'd (to the extent possible while under flow) by Staff to review problems with the line. Two spot repair locations in the first 305' were identified for repair. Quotes for spot repairs were obtained from Hoerr and GA Rich, see below and attachments:

GA Rich

Spot Line @\$6800 per	\$13,600
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Hoerr

Spot Line @\$4,150 per	\$ 8,300
Line Run @ \$65/LF	\$19,825

Note: GA Rich cannot do full line runs.

It is staff's recommendation to fully line the sewer for 305'



UTILITY CONTRACTORS
P.O. Box 65
1416 County Road 200N
Goodfield, IL 61742

Office: (309) 691-6653
Fax: (309) 508-7990

8/18/2017

Mr. Kevin Schone
City of Washington
107 Legion Rd.
Washington, IL 61571

Project: CIPP Sewer Lining for the City of Washington

Hoerr Construction, Inc. to Provide

- **Option 1:** Sectional Point Repair CIPP of 18" Interceptor
 - Cleaning & televising of pipe to the extent of allowing placement of point repairs
 - 18" x 50" fiberglass/epoxy CIPP liner
 - Two locations, 221' and 249' from upstream manhole, to cover separated and infiltrating pipe joints
- **Option 2 & 3:** Manhole to manhole CIPP of 18" Interceptor
 - Televising of pipe prior to lining, as a separate operation
 - Cleaning and televising of pipe immediately prior to liner installation
 - Cured in Place Pipe (CIPP) for 18" clay sanitary sewer
 - Option 2: 305' in segment with developing sinkhole
 - Option 3: 965' to line from corner to plant
 - All necessary equipment and labor for liner inversion, cure & lateral reinstatements
 - Bypass pumping
- Post-lining televising with DVD video report
- Quote based on off information provided in meetings with City employees and partial video provided. Changes in actual conditions found during preparatory work could result in price adjustments.

City of Washington to Provide

- Water for pipe cleaning operations via hydrant fill
- Dump site for debris removed from pipe during cleaning (should be minimal)
- Access to pipe being lined to include, but not limited to, access to all manholes
- Notices to anyone in the cleaning and lining area that might be affected
- Any necessary bonds, permits, fees, association dues, special insurance coverage, surface restoration, erosion control, deflection testing, air testing, or staking

Total Project Price:

- | | |
|---|--------------------|
| • Option 1: +/-2 Point Repair CIPP Liners @ \$4,150.00 each: | \$ 8,300.00 |
| • Option 2: +/-305' of 18" CIPP @ \$65.00/LF: | \$19,825.00 |
| • Option 3: +/-965' of 18" CIPP @ \$47.00/LF: | \$45,355.00 |
| • +/-0 Service Reinstatement @ \$125.00/EA: | \$ 0.00 |

Thank you for the opportunity to quote this pipe lining project. If you have any questions please call me at (309) 303-5664.

Sincerely,

Mike Kaisner, Sales Manager
Hoerr Construction, Inc.

Accepted By:

Print: _____
(name) (title)

Date: _____

G. A. RICH & SONS, INC.

MECHANICAL & UTILITY CONTRACTOR

204 South Perry, P.O. BOX 50 DEER CREEK, ILLINOIS 61733 (309)447 6231

Quote for 18" pipe patch

G .A. Rich will supply,

Labor and material to clean line and install 18" internal pipe repair.
This will be done in accordance with all safety regulation.

\$6800.00 per patch

Thank You

Allen Rich

G .A. Rich & Sons Inc