



# Memo

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TO: Public Works Committee  
FROM: Ed Andrews, Public Works Director  
DATE: September 1, 2017  
SUBJECT: STP#2 Sewer – Cured In-Place Pipe (CIPP) Lining

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## EXECUTIVE SUMMARY:

The existing, early '70s 18" diameter western interceptor sewer serving Rolling Meadows and Beverly Manor recently developed a sink hole near its connection to Sewer Treatment STP#2 and is in need of repair. City crews televised the line and determined two failures in the first manhole to manhole run of approximately 305'.

Quotes for spot repairs and full lining were obtained from Hoerr and GA Rich, see below and attachments:

<u>GA Rich</u>	
Spot Line @\$6800 per	\$13,600
<u>Hoerr</u>	
Spot Line @\$4,150 per	\$ 8,300
Line Run @ \$65/LF	\$19,825

Note CIPP is a specialized service, GA Rich can only spot line. Previous quotations for this type of work at Candlewood found Pipevision of LaSalle at 35% higher than Hoerr.

The consideration of spot repair versus full lining was presented and discussed at the most recent Public Works Committee, with the recommendation to fully line the first manhole to manhole segment a distance of 305' rather than spot repair.

As such, it is recommended to contract with Hoerr Construction for a not to exceed amount of **\$19,825** for Cured In-Place Pipe (CIPP) Lining for 305' of lining at \$65/LF.

cc: File

# **G. A. RICH & SONS, INC.**

MECHANICAL & UTILITY CONTRACTOR

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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



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 of 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:**

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

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: \_\_\_\_\_