



FORM & POURED  
CONCRETE LINER.  
BRICK MANHOLE  
REHABILITATION.  
SEE SPEC SECTION 2506.502

NOTES:

1. USE OF THE STANDARD PLATE IS LIMITED TO BRICK MANHOLES HAVING DEPTHS "LESS THAN 15- FEET," AND BARREL SECTION DIAMETERS OF "46-INCHES OR GREATER."
2. REFER TO SPECIFICATION SECTION 2506.502
3. CONTRACTOR TO SUBMIT THE FOLLOWING (BEFORE WORK BEGINS)
  - 3.1. REFERENCE DEMONSTRATING THE SUCCESSFUL INSTALLATION OF POURED CONCRETE LINER SYSTEMS HAVING AN AGGREGATE VERTICAL LENGTH OF AT LEAST 500 FEET
  - 3.2. MANUFACTURES CERTIFICATION INDICATING THAT MATERIALS USED NEED THE APPROPRIATE ASTM STANDARDS AND SPECIFICATIONS.
  - 3.3. WORK PLAN INDICATING PROPOSED EQUIPMENT AND PROCEDURES FOR ACCOMPLISHING THE WORK.
  - 3.4. PRODUCT DATA FOR POURED CONCRETE LINER SYSTEM (e.g. CONCRETE MIX, etc.)
4. CONTRACTOR TO MEASURE AND DOCUMENT INSIDER DIAMETER OF EACH MANHOLE BARREL SECTION TO CONFIRM MANHOLE BARREL DIAMETER IS 46-INCHES OR GREATER
5. TELEWISE MANHOLE AFTER REHABILITATION AND FORWARD VIDEOS TO ENGINEER OF RECORD AND SEWER UTILITY

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

*Aaron D. Hass*  
AARON D HASS

Date 12-01-2020 Lic. No. 28424

APPROVED 12/1/2020  
*Paul R. Kurtz*  
CITY ENGINEER

CITY OF ST. PAUL  
DEPARTMENT OF PUBLIC WORKS  
REHAB BRICK MH  
FORM & POUR  
CONCRETE LINER

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|------------------|--------------------|
| Date of Revision | Standard Plate No. |
| DEC 2020         | 2113A              |