

## **ADDENDUM #2 – JANUARY 8, 2021**

**Project Name:** Sanitary Sewer Rehabilitation Project Phase I

**Owner:** City of Mascoutah, Illinois

**TO:** PROSPECTIVE BIDDERS

**SUBJECT:** Addendum #2– Sanitary Sewer Rehabilitation Project Phase I

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated December 2020. Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject bidders to disqualification. Please notify Burcin Akkaya by email at [bakkaya@rjmail.com](mailto:bakkaya@rjmail.com) upon receipt of this addendum. Each bidder must confirm receipt of this addendum as part of their bid.

**Bid Date:**

- The bid date has not changed – January 12, 2021 at 10:00 a.m.

**Addendum:**

1. Change item G.1 of section 3.02 of steel encasement pipe/carrier pipe installation specification on Page D2-23-3 as follows:

### **D2-23 STEEL ENCASEMENT PIPE/CARRIER PIPE INSTALLATION**

#### **3.02 INSTALLATION BY BORING AND JACKING**

G. During installation of the encasement pipe, care shall be exercised to minimize voids between the encasement and the surrounding ground.

1. On encasement pipes of 12” and larger nominal diameter, the annular space between the encasement pipe and the ground shall be pressure grouted to eliminate all voids, **if the void is equal to or greater than 1-inch**. Encasement pipes smaller than 12” shall also be grouted if so directed by the Owner/Engineer depending on soil conditions at the bore site identified at the time of encasement installation.

2. Change item 2.a of section D of Backfill specification on Page D2-10-3 as follows:

### **D2-10 BACKFILL**

#### **D. Execution**

2. Backfilling in Street Right-of-Way and Pavement Areas

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- a. Backfill trenches under all existing and proposed pavement, driveway pavement, sidewalk, and curb and gutter using backfill material **that consists of the excavated material, selected granular material, or controlled low-strength material as specified in Standard Specifications for Water& Sewer Construction in Illinois, Latest Edition.**
3. Replace plan pages PR-1 (**25 sf of asphalt pavement removal & replacement added for MH 133**), D-1 (**Trench Backfill Note revised for temporary and final street restoration standard details**), and D-3 (**Callouts for Standard Manhole Decommission Detail - Paved Areas have been revised**) dated 12/14/2020 and included in the original bid documents with the revised plan pages PR-1 Rev.1, D-1 Rev.1 and D-3 Rev.1 dated 1/8/2021, as attached at the end of this addendum.
4. Change item 7.b of Section C and Item 9 of Cured-In-Place-Pipe (CIPP) specification on Page D2-12-5 as follows:

### **D2-12 CURED-IN-PLACE PIPE (CIPP)**

#### **C. Execution**

7. Completion of CIPP
  - b. **After cured-in-place pipe has been cured, Contractor shall reconnect the existing active branch or service lines as designated by Owner. This shall be done without excavation and in the case of non-man entry pipes, from the interior of the pipelines by means of a television camera and a cutting device that re-establishes them to not less than 90 percent capacity. Surface of opening shall be brushed to remove extraneous material and provide a smooth edge at each lateral connection** Any bypass pumping that is required shall be provided at no additional cost for sewer lines where lining is being performed. Service interruptions to any homes tributary to this sewer line shall not exceed 18 hours.
9. Testing Repaired Sanitary Sewer Lines
  - a. Any segment being cured using hot water shall be tested for water tightness while curing under positive head.
  - b. After the work is completed, Contractor shall provide Owner with digital database of the video-recordings showing both the before

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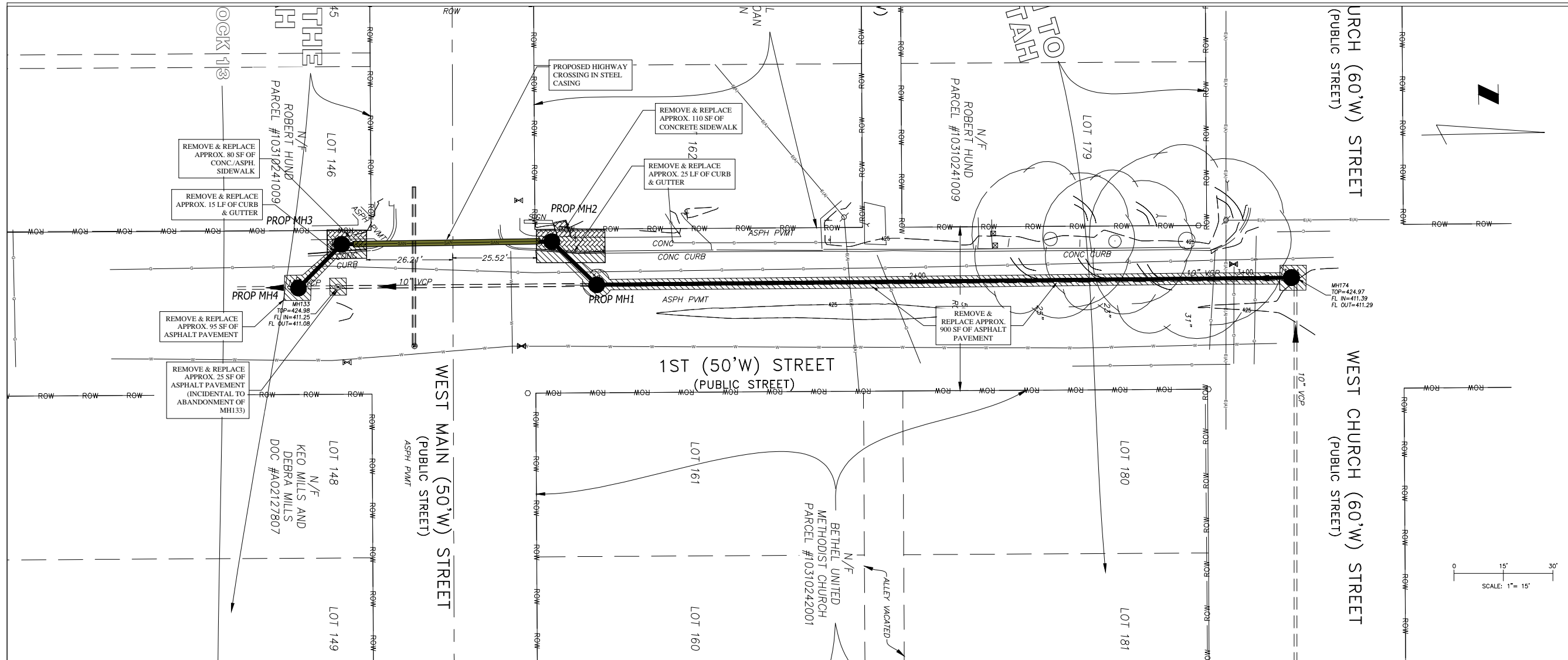
and after conditions including the restored connections. The television inspection should be used to confirm tightness of fit of the CIPP to the host pipe and to identify any imperfections; the finished liner shall be continuous over its entire length and to be free from visual defects such as foreign inclusions, dry spots, pinholes and delamination. The database and reports shall become the property of the Owner. Contractor may be requested to provide temperature cure logs in the event the liner appears blistered or otherwise defective.

- c. All defects discovered during the post-installation television inspection shall be corrected by the Contractor at no additional cost, prior to acceptance of work. After defects are corrected, the sewer shall be video recorded again.

5. Delete item 3 of Section D (Measurement and Payment) of Cured-In-Place-Pipe (CIPP) specification on Page D2-12-6 in its entirety.

Attachments:

- 10" SANITARY SEWER REPLACEMENT PAVEMENT REPAIR PLAN PR-1 Rev.1
- MISCELLANEOUS DETAILS D-1 Rev.1
- MISCELLANEOUS DETAILS D-3 Rev.1

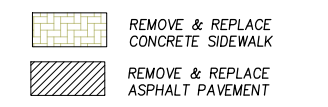


**PLAN**

- NOTES:**
1. CITY OF MASCOUTAH INSPECTION SPECIFIC REQUIREMENTS SHALL BE DISCUSSED WITH THE OWNER. NO WORK IN AREAS REQUIRING CITY INSPECTION SHALL BEGIN UNTIL THESE REQUIREMENTS HAVE BEEN COMMUNICATED.
  2. CONTRACTOR SHALL PROVIDE THE CITY WITH A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION. TRAFFIC FLOW SHALL BE MAINTAINED THROUGH WEST CHURCH & 1ST ST. AT ALL TIMES.
  3. CONTRACTOR SHALL COORDINATE WITH HOMEOWNERS/BUSINESS OWNERS TO ALLOW ACCESS TO DRIVEWAYS DURING CONSTRUCTION.

4. ALL REPAIRS/REPLACEMENTS FOR ROADWAY/RAMPS/CURBS/DRIVEWAYS SHALL CONFORM TO THE PROVIDED DETAILS AND SPECIFICATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
5. CONTRACTOR SHALL RESTORE THE SURFACES BACK TO ITS ORIGINAL STATE AFTER COMPLETION OF WORK.
6. CONTRACTOR SHALL SAWCUT 2' FROM THE BACK OF THE CURB IN ORDER TO PRESERVE CURBS AND DRIVEWAYS WHERE APPLICABLE.
7. CONTRACTOR SHALL INSTALL EROSION CONTROL DEVICES ALONG EXCAVATED AREAS AS REQUIRED CONFORMING SPECIFICATIONS AND DETAILS PROVIDED.

**LEGEND**

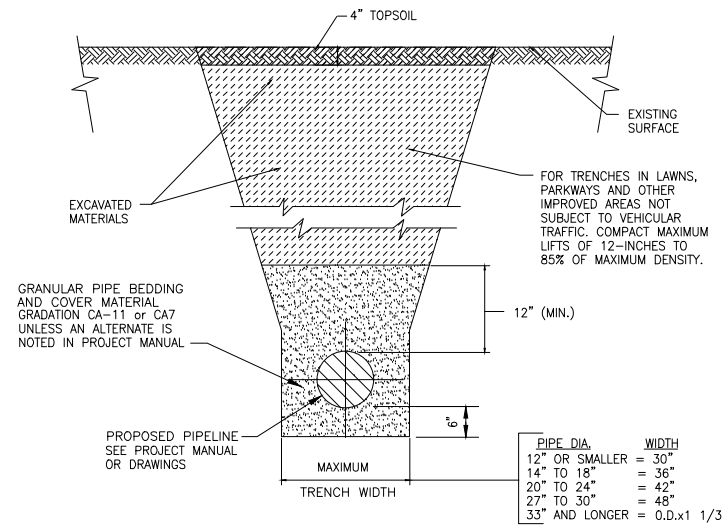


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<b>OWNER</b> CITY OF MASCOUTAH 3 WEST MAIN ST. MASCOUTAH, IL 62258 PHONE 618-566-2964	
<b>PROJECT</b> MASCOUTAH SANITARY SEWER REHABILITATION PHASE I, SEGMENT MH 174; MH 133 REPLACEMENT RJN PROJECT NO 15-3519-00 ST. CLAIR COUNTY, ILLINOIS	
<b>TITLE</b> 10" SANITARY SEWER REPLACEMENT PAVEMENT REPAIR PLAN	
Project No 15-3519-000	Sheet No <b>PR-1</b>
Date 1/8/2021	Rev.1

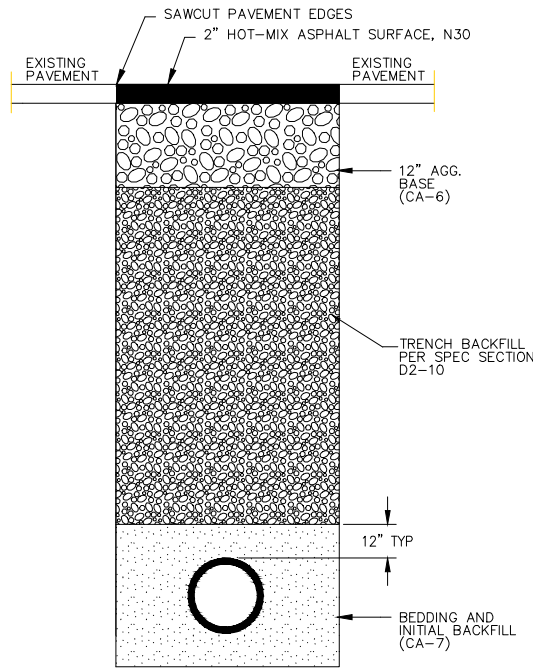
Path: \\sl-panzura\office-15\ST. LOUIS\002 - PROJECTS\15-3519-00 Mascoutah Sanitary Sewer Rehab Phase 1\8.0 Design\ Plotted on: 1/08/21 @ 02:42:14PM by bakkeya

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON, ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMC) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

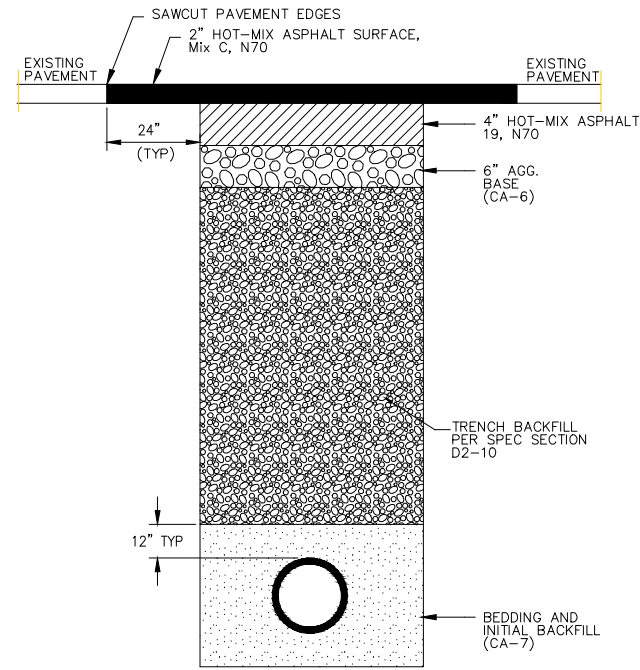
NOTE:  
PROJECT MANUAL REFERS TO "PROJECT SPECIFICATIONS"



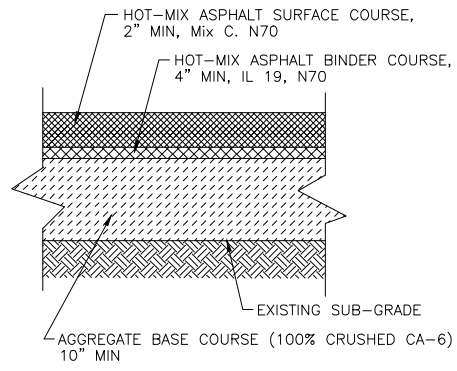
TYPICAL TRENCH DETAIL  
(FOR NON-PAVED AREAS)



OPEN CUT TEMPORARY STREET RESTORATION  
(TEMPORARY PATCH, 2")

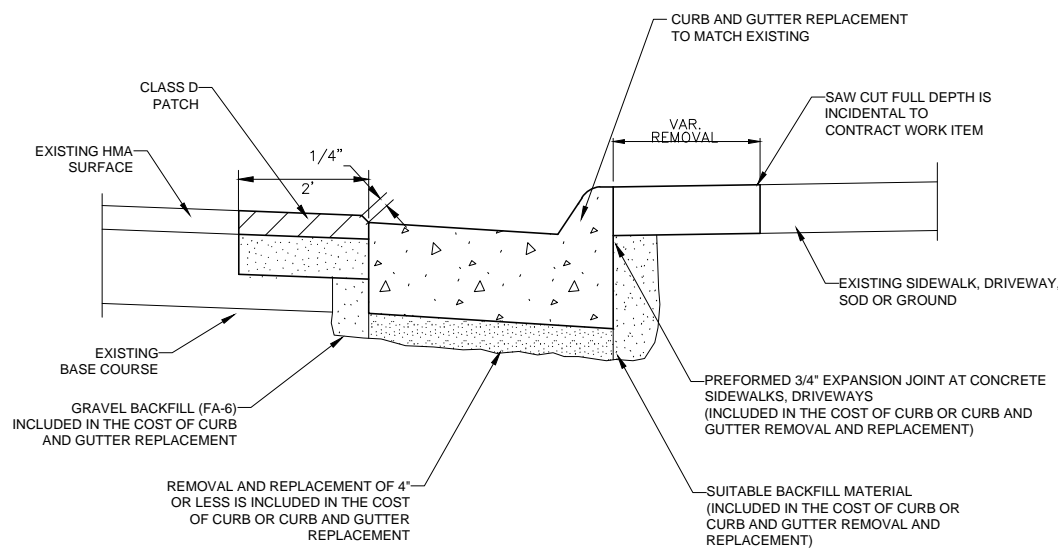


OPEN CUT FINAL STREET RESTORATION  
(CLASS D PATCH, 4")



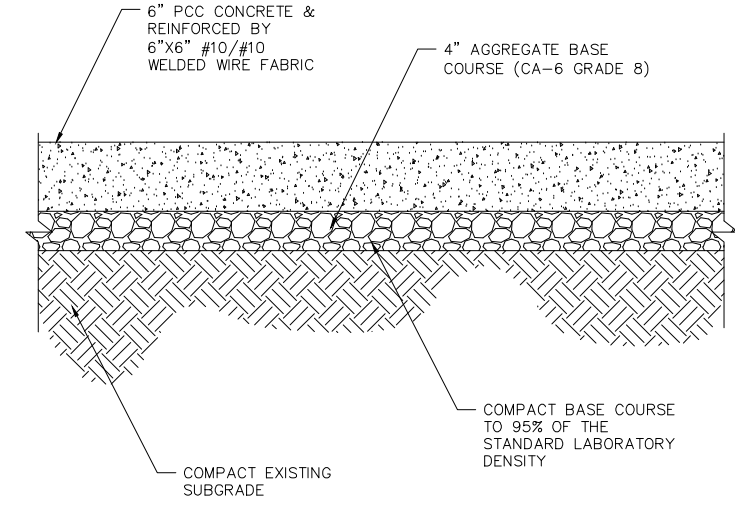
- NOTES:
1. THIS DETAIL IS FOR REMOVE AND REPLACE SANITARY SEWER AND HMA PAVEMENT REMOVAL AND REPLACEMENT.
  2. IF PAVEMENT IS GREATER THAN 6" THICKNESS, MATCH EXISTING PAVEMENT THICKNESS.
  3. PRIOR TO THE CONSTRUCTION OF ROADWAY PAVEMENT ALL OF THE UNDERGROUND WORK SHALL BE COMPLETELY INSTALLED IN PLACE AND APPROVED.
  4. ALL TRENCHES WHICH ARE UNDER PROPOSED ROADWAY AND CURB SHALL BE BACKFILLED UNDER AND TWO (2) FEET BEYOND ROADWAY AND CURB WITH GRANULAR MATERIALS (IDOT CA-6 OR APPROVED MATERIALS), COMPACTED IN AN APPROVED MANNER TO NOT LESS THAN NINETY-FIVE (95%) STANDARD PROCTOR DENSITY.
  5. THE ROADWAY SUBGRADE SHALL BE SHAPED AND COMPACTED AS SPECIFIED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS, SECTION 212. JUST PRIOR TO CONSTRUCTION OF THE AGGREGATE BASE COURSE THE SUBGRADE SHALL BE PROOF ROLLED AND WITNESSED BY THE ENGINEER FOR THE OWNER. IF IN THE OPINION OF THE ENGINEER ANY AREAS OF THE SUBGRADE ARE FOUND UNSUITABLE, THESE AREAS SHALL BE REMOVED AND REPLACED WITH GRANULAR MATERIALS (IDOT CA-1 OR APPROVED MATERIALS) IN ADDITION TO A LAYER OF GEOTEXTILE ROAD FABRIC.

**PAVEMENT PATCHING**



CURB AND GUTTER REMOVAL AND REPLACEMENT

BASIS OF PAYMENT:  
THIS WORK WILL NOT BE PAID FOR SEPARATELY AND WILL BE INCIDENTAL TO OPEN-CUT REPLACEMENT OF SEGMENT MH174; MH133



PCC DRIVEWAY REPLACEMENT

NOT TO SCALE

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OWNER  
MASCOUTAH SANITARY SEWER  
REHABILITATION PHASE I,  
SEGMENT MH 174; MH 133 REPLACEMENT  
R/JN PROJECT NO 15-3519-00  
ST. CLAIR COUNTY, ILLINOIS

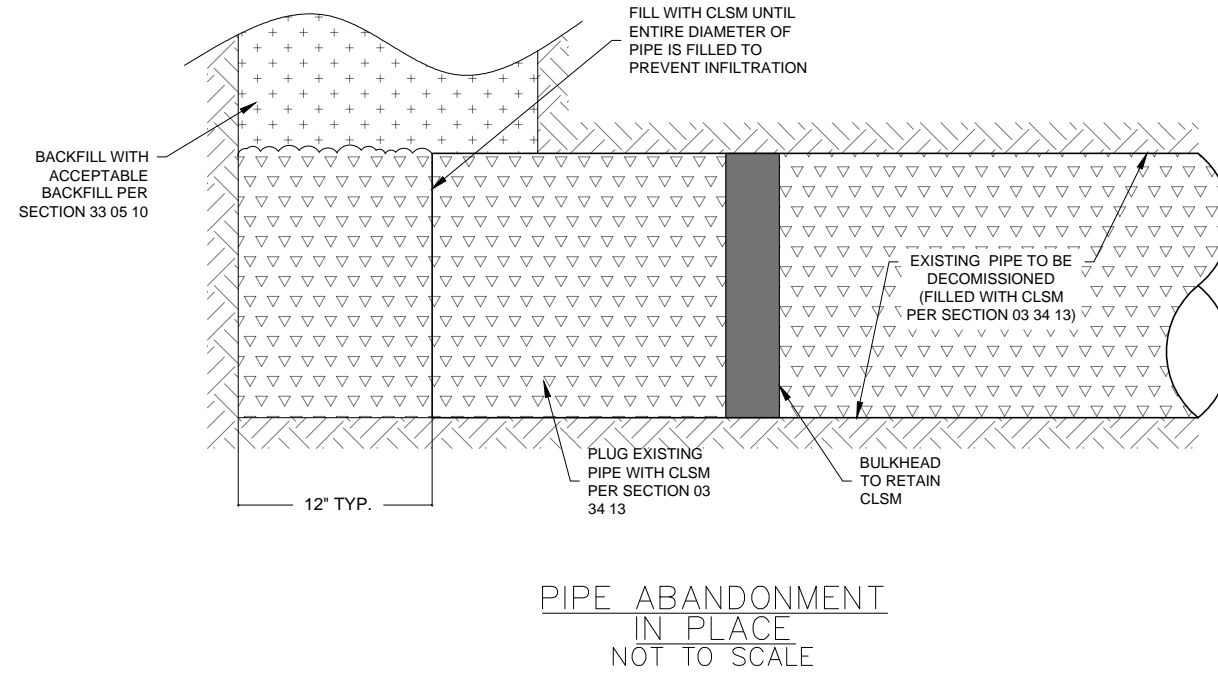
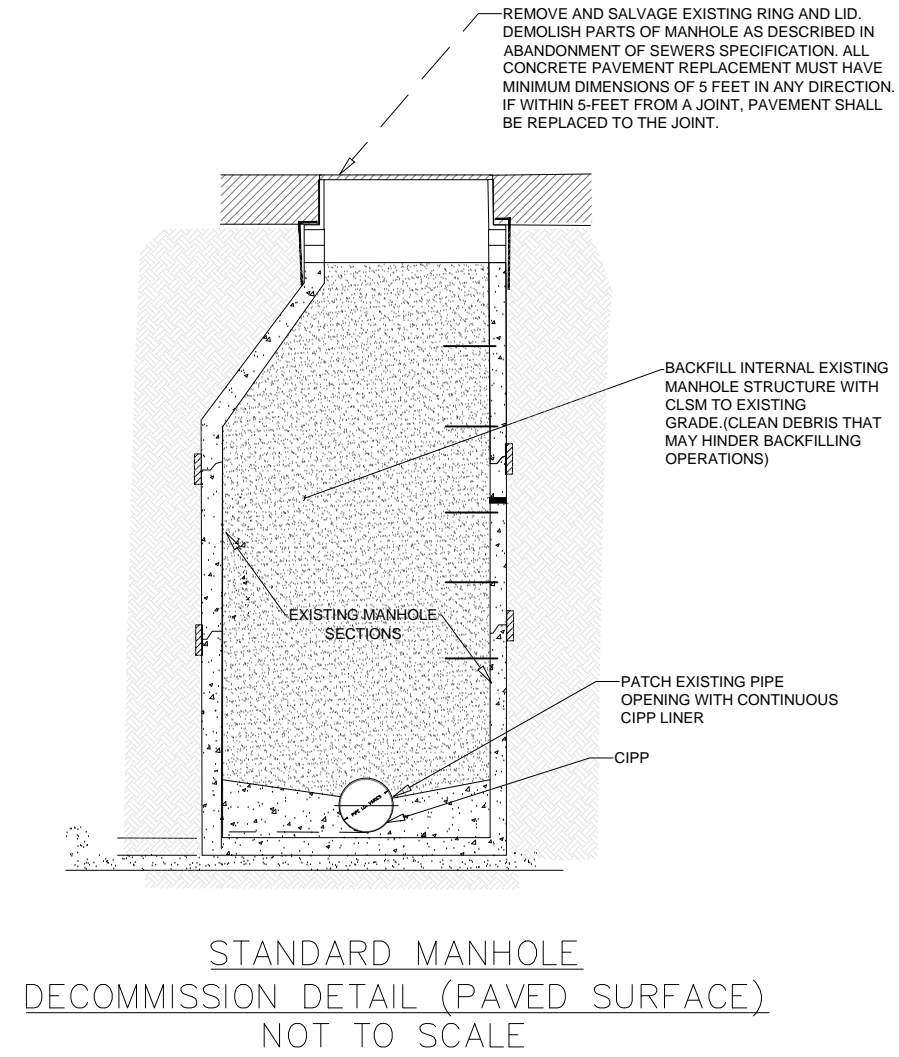
TITLE  
MISCELLANEOUS DETAILS

Project No  
15-3519-000

Sheet No  
D-1

Date  
1/8/2021

Rev.1



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PROJECT  
MASCOUTAH SANITARY SEWER  
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TITLE  
MISCELLANEOUS DETAILS

Project No	Sheet No
15-3519-000	<b>D-3</b>
Date	Rev.1
1/8/2021	