

REVISION DATE 05/07/19

16-OCT-2019

Sample Plan

PROPOSED UTILITIES TABULATION AND PLAN ----- NARRATIVE

References:

- Design Scene: Chapter 5 - Utilities
- Utility Manual
- Spec. Book: 1507
- Technical Memorandum: 15-05-LM-01  
Municipal Utilities - Design and Construction

General Information:

All existing sanitary sewer and water main information provided by surveys or a consultant should be provided to the specific municipality for verification.

The Municipality or its Consultant will be doing the design work and preparing the Proposed Utility Plan Sheets. The information provided on the plan sheets should be similar to other tabulations and plan view sheets. All pay items will be tabulated by unit of measure, location, pay item, and quantity in a format similar to other items in the plan. All of these pay items must be correct, available in TRNS\*PORT and incorporated into the Estimated Quantities sheet.

Water main construction can have many special pay items which are not covered in the Spec. Book. Refer to the most recent TRNS\*PORT list to verify all construction pay items used are in TRNS\*PORT in the water main tabulation.

New construction should be distinguished from in-place utilities by use of heavier line weights. The construction notes on the plan sheets should be larger and have heavier line weights.

Lines under mainline and interchange roadways carrying liquids under pressure (crude oil, water, etc.) are required to have a casing. Casings may be required on other lines as well. See the Utility Manual for additional information.

It is recommended that construction limits be shown on the Proposed Utilities Plan, unless the plan sheets would become too cluttered.

If municipal utilities are on MnDOT Right of Way and need to be adjusted as a result of a MnDOT project, the municipality is responsible for making the adjustments and Notice and Orders will be written by Central Office Utility Agreements. If MnDOT's Contractor is to make the adjustments, then either a utility agreement or a cost share (cooperative) agreement is necessary for the municipality to reimburse MnDOT and the MnDOT contractor will make the adjustments. Where the MnDOT contractor will make the adjustments, a proposed utility plan and tab is required and pay items must be added to the Estimated Quantities sheet. For questions, contact the Municipal Agreements Engineer or the Utility Agreements Engineer.

Sample Plan

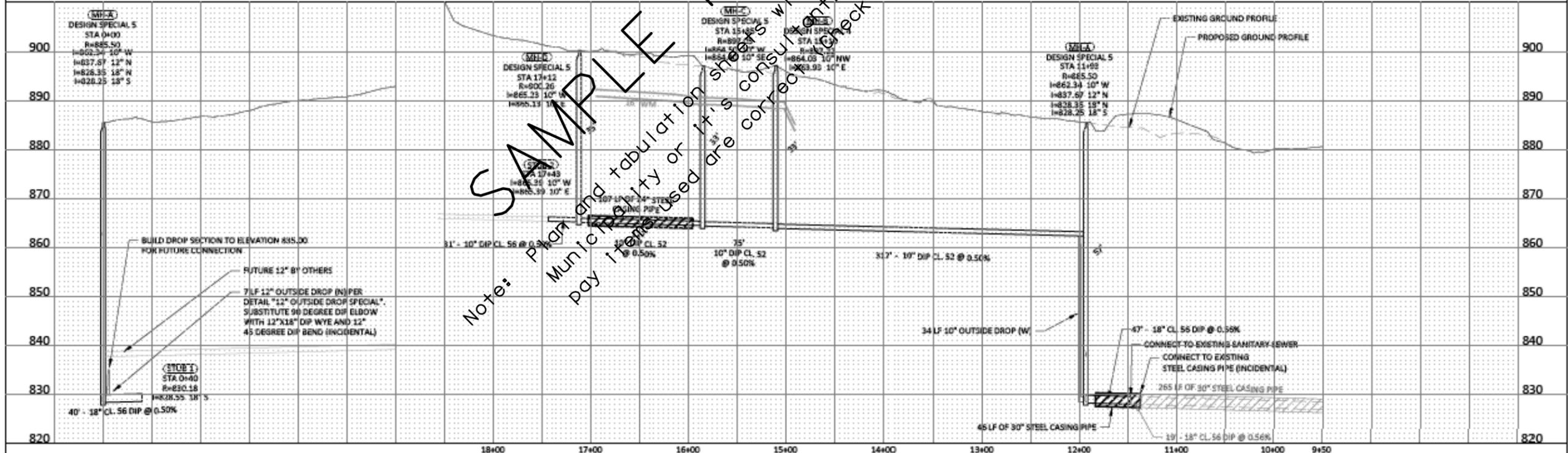
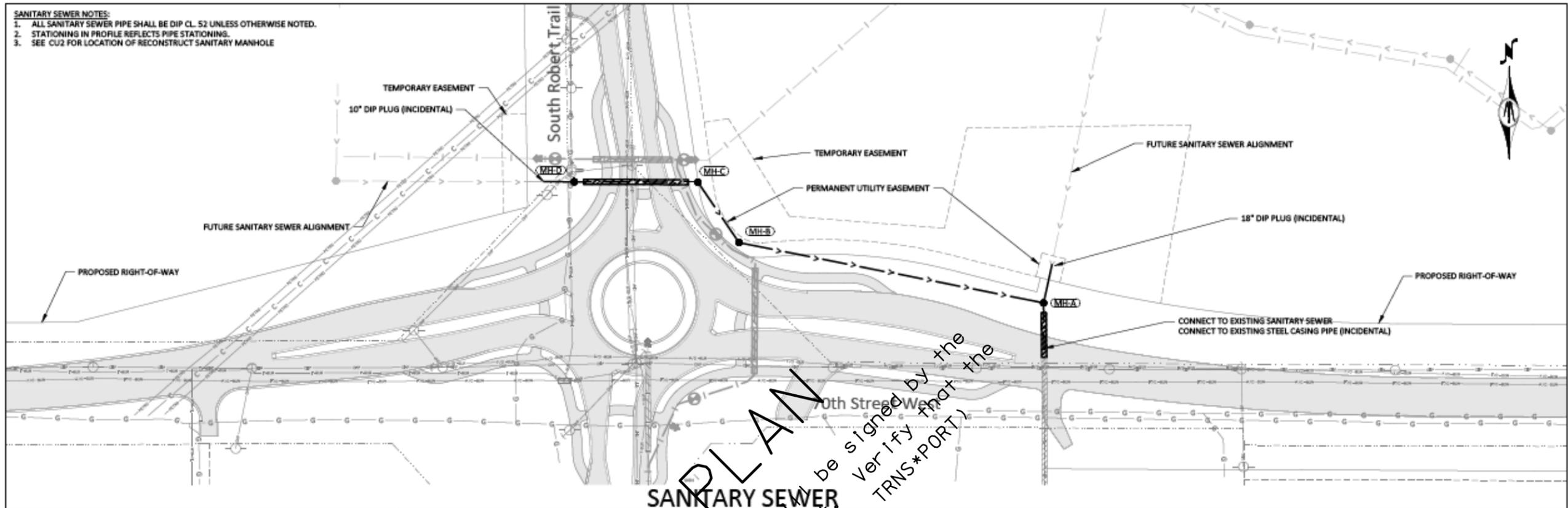
PROPOSED UTILITIES TABULATION AND PLAN ----- CHECKLIST

- \_\_\_ 1. Check TRNS\*PORT list for correct water main and sanitary sewer items
- \_\_\_ 2. Special City casting details provided for structures are included by City/Consultant
- \_\_\_ 3. Appropriate Notes
- \_\_\_ 5. City authorized signature on plans and details provided by City
- \_\_\_ 6. Cross references to other sheets (as applicable)
- \_\_\_ 7. Drawn by: and Checked by: Initials and Engineer's signature

PROPOSED UTILITIES TABULATIONS AND PLAN  
NARRATIVE AND CHECKLIST

REVISION DATE 08/07/19  
 PLOTTED/REVISED: 16-OCT-2019

DISTRICT #: Metro  
 PLOT NAME: propuff1  
 FILENAME: Projects\DM\_ROS\Wor\_Proj\proj\Design\SamplePlan\English\propuff1.dgn



SAMPLE PLAN

Note: Plan and tabulation sheets will be signed by the Municipality or its consultant. Verify that the pay items used are correct. Check TRANS\*PORT.

<p>0 50 100 HORIZ. SCALE FEET</p> <p>0 20 20 VERT. SCALE FEET</p>	<p>I HEREBY CERTIFY THAT THE PLANS, SPECIFICATIONS, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p><i>Eric J. Seaburg</i>  <b>ERIC J. SEABURG</b>        Lic. No. 53712 DATE 05/31/2018</p>	<table border="1" style="border-collapse: collapse;"> <tr><td>DESIGNED</td><td>EJS</td></tr> <tr><td>DRAWN</td><td>EJS</td></tr> <tr><td>CHECKED</td><td>BHJ</td></tr> <tr><td>DATE</td><td>2018-06</td></tr> </table>	DESIGNED	EJS	DRAWN	EJS	CHECKED	BHJ	DATE	2018-06	<p><b>INVER GROVE HEIGHTS, MINNESOTA</b>  <b>TH 3 AND 70TH STREET UTILITY RELOCATION</b>  <b>SANITARY SEWER</b>        S.P. 1908-74 (T.H.3), S.P. 019-636-024, S.P. 178-020-027</p>	<p>SHEET  <b>CU1</b></p>
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DATE	2018-06											