

Recap of major changes to the 2018 City of Plymouth Engineering Guidelines and Standard Detail Specifications

01/23/2018

CITY OF PLYMOUTH ENGINEERING GUIDELINES:

No major changes

CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION:

No major changes

CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR WATERMAIN:

1. Changed stainless steel bolts and nuts installed below grade from ASTM F 593 Type 316 to ASTM F 593 Type 304. The type 304 hardware performance is more than adequate for this application and is less expensive, saving money in both system repairs and new pipe installation.
2. Tracer wire will no longer be installed inside the valve boxes. Tracer wire will continue to be installed to each hydrant. This will save damaging the tracer wire for the main line which happens when the wire in the valve box gets caught around the valve key.
3. Now allow "Star" Megalugs to be used for watermain restraints.

CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR STORM SEWER:

No major changes

CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR STREET CONSTRUCTION:

4. MnDOT pedestrian details were updated with an additional detail added.
5. Concrete mix designs were modified to align with the new MnDOT designs. This ups the compression strength from 3000psi to 4500psi for a more durable product.