

# **Recap of major changes to the 2021 City of Plymouth Engineering Guidelines and Standard Detail Specifications**

01/19/2021

## **CITY OF PLYMOUTH ENGINEERING GUIDELINES:**

- Added "pipe Eofs shall not be allowed unless approved by City Engineer
- Added "sub-surface storm water features utilize the same design parameters as applicable to their products"
- Added street design reference to MNDOT road design manual, AASHTO and "Green Book"

## **CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION:**

- SS-9 Added note "maximum running slope on maintenance roads shall not exceed 7%.

## **CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR WATERMAIN:**

- Allow fusible PVC pipe for directional drilling.
- Add requirement that tracer wire be American made
- Add requirement that 4 tracer wires be pulled with each directionally drilled pipe
- Changed standard for gv riser keys to 15' depth and approved by engineer.
- Updated table for water service parts numbers
- Allow "Q" style compression fittings on curb stops and corporation stops
- Added watermain offset detail W-8

## **CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR STORM SEWER:**

- Reference MNDOT plates 4003B & 4143E for 27" green area structures
- Added drain tile hole size and pattern standard
- Added R-3067 VB style grate for low point CBs
- Changed CB recess to 1"
- Changed wetland buffer spacing detail to 100' spacing to match city code 21670.07

## **CITY OF PLYMOUTH STANDARD SPECIFICATIONS FOR STREET CONSTRUCTION:**

- Added requirement of select granular "shall be virgin material free of bituminous and concrete and shall be free draining in nature."
- Added clarification on which turnarounds are to be allowed as temporary