2014 Annual Meeting of the City Engineers Association of Minnesota


Standards and Specification Committee Members:

John Gorder, City of Eagan (Chair)
Ron Dahlquist, MnDOT
Bruce Firkins, Bolton & Menk
Mark Statz, Stantec
Ron Quanbeck, TKDA
Fred Moore, Life Member
Paul Hornby, WSB – Consultant
2013 Specification Revision Goals

• Reduce redundancies
  – Text within specification sections and with MnDOT
• Recommend changes to reflect current terminology
  – Spelling, grammar, conflicting text, updated descriptions
• Prepare a handling process for hazardous/ contaminated materials
• Recommend alternative pipe materials
  – HDPE, FPVC, FRP, PE, PP
2013 Specification Revision Goals

- Update trenchless technology specifications for new construction
- Prepare trenchless technology specifications for rehabilitation
  - Cured In Place Pipe Systems, Pipe Bursting
- Update specification reference updates
  - AWWA, ASTM, AASHTO, and MnDOT (2005 spec)
- Membership review process
Section 2600 Trench Excavation & Backfill/Surface Restoration

- Removed Pile Foundation and Turf Establishment – covered by MnDOT
- Updated pipe separation criteria to meet MnDOH guidelines
  - Separation between Sewers/Forcemains/SSTS/Septic and Watermains
- Added 2600.3 B6 – Contaminated Materials and Regulated Wastes
  - Refers use of MnDOT Office of Environmental Services and MPCA Guidelines for state-funded projects
  - Refers use of MPCA Guidelines for locally funded projects
- Revised trenchless pipe requirements to current standards
Specification Update Highlights by Section

Section 2611 Watermain and Service Line Installation

• Removed Prestressed Concrete Cylinder Pipe and Fittings
• Revised PVC and PE pressure pipe and fittings
  – Includes updated PE compounds
  – Includes FPVC
• Revised Mechanical Joint Restraints
• Added Tracer Wire for Non-Conductive Pipe
• Revised Electrical Conductivity Test requirements
Specification Update Highlights by Section

Section 2621 Sanitary Sewer and Storm Sewer Installation

- Removed Prestressed Concrete Cylinder Pipe and Fittings
- Added Fiberglass/Glass Fiber Reinforced Pipe products - (FRP/GRP/ RTRP/and RPMP)
- Added Polypropylene Pipe
- Added Tracer Wire for Non-Conductive Pipe
- Added paragraph for Core-drilling a new pipe connection
- Revised Sewer Air Test and Hydrostatic Test Methods
Specification Update Highlights by Section

Section 2631 Rehabilitation with Cured In Place Pipe System

- New section that includes general requirements for CIPPS
  - Special provisions required for your project needs
- Sewer lining with long tube liner and short-liner applications
Section 2641 Rehabilitation by Pipe Bursting

- New section that includes general requirements for pipe bursting
  - Special provisions required for your project needs
Where can I find the new 2013 Edition of the CEAM Standard Specifications?

http://www.ceam.org
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Where can I find the new 2013 Edition of the CEAM Standard Specifications?
Where can I find the new 2014 Edition of the CEAM Standard Specifications?
Thank you!

For more information, contact
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