Engineering Design Standards
City partners with developers, contractors, and utility providers to ensure reliable services to consumers of today and tomorrow.
Engineering Design Standards

- 17 Chapters and 4 Supplements
- Technical specifications removed from City ordinance
- One reference document
- Standardized Utilities
How developed?

Best Practices already in place
Ordinances in place
Engineering
Departments - Superintendents
Planning/Building Departments
South Dakota Regulatory requirements
10 State Standards, AASHTO Standards, etc.
-Industry Standards
Cities with Engineering Design Standards

- Sioux Falls
- Rapid City
- Huron
- Vermillion
- Watertown
- Harrisburg
City of Pierre Responsibility

Public Infrastructure
- Engineering Design Standards
- Construction Engineering
- Initial Testing Required by City
- As-Builts
Developer Responsibility

Staking – throughout construction
Testing if initial test fails

Financial Assurances
- During Development
- After City Acceptance

Warranty after City Acceptance
- 1 year surfacing
- 2 year underground utilities
Chapters

- Submittal requirements for Plats and Plans
- Acceptance Procedures and Requirements
- Minimum Testing Requirements for Public Improvements
- Street Lighting
Chapters

- General Provisions
- Submittal Procedures
- Permit Procedures and Requirements
- Utility Locations and Easements
- Street Access and Parking
Chapters

- Drainage Improvements
- Erosion and Sediment Control
Ordinance Change

Anyone doing work in the Right of Way will require a license as well as a permit.
Right of Way Permits

Restoration of ROW
  – Original or Better Condition
Require a ROW Bond
  – $15,000 or 10% of project
Liability Insurance
  – $2,000,000
Require Passing Density Test in ROW
Provide Signage and Traffic Control
Disturbed Surfaces

- Replace 4 Panels
- Replace 1 Panel
- Replace 2 Panels
Correct

Avoid
Thank you for coming

Additional information:
City of Pierre Website: http://www.pierre.sd.gov/ Engineering Tab

Questions on Stormwater?
Kyle Kurth 773-3066 x112
Questions on Subdivisions – Procedures?
Sharon Pruess 773- 3062

Written comments encouraged: john.childs@ci.pierre.sd.us

John Childs, City Engineer 773-3056
MINOR ARTERIAL PRELIMINARY DRAFT

DEPTH OF COVER REQUIREMENTS

<table>
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<tr>
<th>UTILITY</th>
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* Utilities sharing trench with Electric Service must have a minimum vertical separation of 12".
** 10' Lateral Separation is Required from Outside of Pipe to Outside of Pipe.
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COLLECTOR

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COMMERCIAL AND INDUSTRIAL

PRELIMINARY DRAFT

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City of Pierre Engineering Department

ENGINEERS OFFICE 222 East Dakota P.O. Box 1253 SD 57501 PIERRE SOUTH DAKOTA