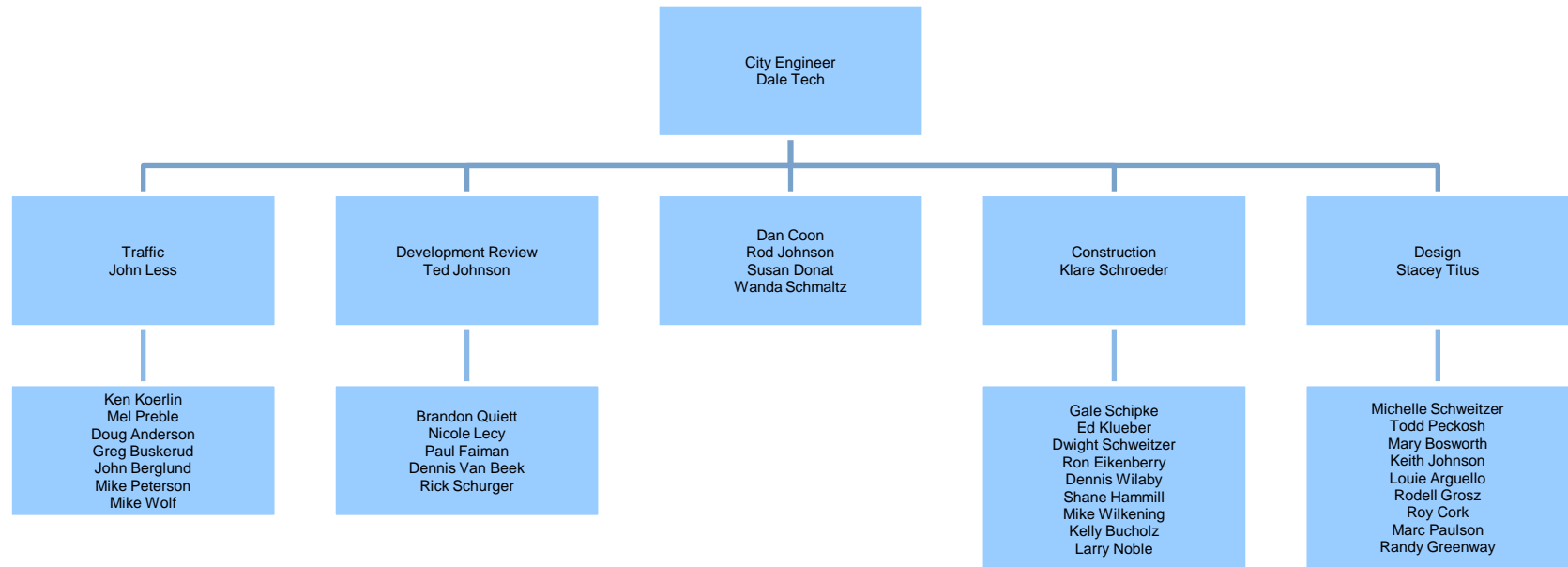


City of Rapid City Engineering Services



City of Rapid City
Public Works Department
Engineering Services Division

City of Rapid City Engineering Services



39 Total Personnel:

2 Administrative

6 Project Administrators

13 Technicians

3 Traffic Workers

1 Electrician

13 Engineers

1 Storm Water Specialist

City of Rapid City Engineering Services

- Prior to June 2007, projects were managed from start to finish by an individual project manager.
- In June 2007, Engineering Services split project management into two phases, design and construction.
- In August 2010, Development Review Group added to Engineering Services which consolidated all City Engineering functions.

Engineering Services Responsibilities

Engineering Services (ES) is responsible for the planning, design and construction of City infrastructure including Streets, Drainage, Water, and Sewer. ES also manages the Streets, Drainage and Miscellaneous Improvements portion of the five year Capital Improvement Plan (CIP). The budget for the Streets, Drainage and Miscellaneous Improvements part of the CIP is approximately \$7 million annually. Total average annual project budget for City Infrastructure is \$25 million.

Engineering Services Responsibilities

- Traffic Operations

- Maintain and operate traffic signals, signs, roadway lighting and pavement markings.
- Traffic counts.
- Review Traffic Impact Studies.
- Perform Warrant analysis for intersection control.

- Development Review Group

- Issue and manage permits for work within ROW, including utilities and accesses.
- Review, approve, and inspect Private Development projects that will become part of the City Infrastructure System.
- Regulate Stormwater activities.

Engineering Services Responsibilities

- Design Group

- Utility master planning and CIP coordination.
- Issuance of RFP's for design and construction services for City projects.
- Complete in-house designs for smaller projects.
- Evaluate exception requests to Standard Specifications.
- Manage in-house and Consultant projects through the bidding phase of the project.
- On-site wastewater permitting/Source Water Protection.
- Storm Water Quality.
- Floodplain Management.

Engineering Services Responsibilities

- Construction Group

- Provide review of in-house and Consultant designs for constructability.
- Manage in-house and Consultant projects from the pre-work meeting to project completion.
- Process and review contractor pay applications and contract change orders
- Provide construction oversight and inspection with City staff.
- Manage Consultant construction oversight and inspection.

City Projects

- Current:

- Jackson Springs Water Treatment Plant (Construction)
- E Anamosa Street, Lacrosse to Century (Construction)
- Airport Water Main (Design)
- Canyon Lake Drive (Construction)
- E North Street (Construction)

- Future:

- Mt. View Water Treatment Plan
- Elm Avenue Phase 4
- Robbinsdale area multi-phase utility re-construction
- Downtown Area Improvement Project Phase 2 (Kansas City)
- Jackson Blvd Reconstruction (DOT/City Utilities)

City Street Rehabilitation

