



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-2724

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## PUBLIC WORKS DEPARTMENT

300 Sixth Street

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### MEMORANDUM

TO: Public Works and Legal & Finance Committees

CC: Honorable Mayor Shaw

FROM: Dirk Jablonski, Public Works Director

DATE: Sept. 21, 2005

RE: **2006 Public Improvement Projects**

Attached is the list of improvement projects for the 2006 construction season that has been developed by Engineering Services. The list was developed using the programmed CIP list, the noted needs of the community, and the stated desires of the Council and maintenance crews.

The list is divided into three sections. They are: Engineering Services Projects, Consultant Projects, and Unassigned Projects.

The Engineering Services list was developed first by determining which projects staff had the expertise to design. That list was further defined by assigning hours to each project. Available hours were projected for each designer and the respective amount of work was assigned. Staff comments were solicited throughout the process to insure that proper priorities were maintained.

The remainder of projects on the list that were not assigned to staff was next considered for out-sourcing to consultants. Although project design and construction services are contracted to a consultant they still require considerable Engineering Services staff time. Staff is responsible for project oversight including project scope, pay estimates, costs, and schedules. Those time demands on staff were considered when assigning

projects to the Consultant Projects list. All staff time has been assigned for the next twelve months.

The projects that could not be completed due to projected staffing levels are shown on the Unassigned list. These projects, although programmed, are proposed to not be completed in 2006.

**ACTION REQUIRED:**

These lists were developed by staff based on CIP lists and noted needs by Council and staff. It is requested that each Committee and ultimately the full Council review this list make whatever revisions it sees as appropriate. Staff will then immediately begin work on those projects. In particular, field work can begin now before the winter season.

## Engineering Services Projects

Project Name	Project No.	Department	Design / Construction / Construction Management
2006 Pavement Marking Paint Contract	50594-1475	Public Works	Design / Const. Mngmt.
2006 Pavement Marking Tape Contract	50593-1463	Public Works	Design / Const. Mngmt.
230 N. Street - Assessment Project			Construction
6th Street Water Extension		Water	Construction
Cemetery Road Paving & Irrigation	50090	Parks & Recreation	Construction
Chip Seal; A. Pinedale Heights B. Simpson Dr. Area C. Kingswood Area D. Flormann - West of 8th Street E. Palo Verde			Construction
Design Criteria Manuals	NA	Public Works	Design
Downtown Alleys Reconstruction	50379	Streets	Construction
Drainage MIP	50006	Drainage	Design
Drainage MIP	50006	Drainage	Construction
Geotechnical Investigations Program	50592-1464	Public Works	Design / Const. Mngmt.
Materials Investigation/Testing Program	50591-1465	Public Works	Design / Const. Mngmt.
Metering of City Facilities	50304	Water	Construction
Mill & Overlay A. St. Patrick from St. Joe, west approx. 1,100' B. Crestview Dr.-Bellwood to Ridgwood C. Westwind	50549-1431	Streets	Construction
Miscellaneous Improvement Projects (MIP) TBD	50298	Streets	Construction
Out-of-the-Dust, Various Locations, TBD	50297	Streets	Construction
Sewer Oversize Reimbursement	50293	Water Reclamation	Construction
Water Oversize Reimbursement	50295	Water	Construction
Parkland Acquisition	50061	Parks & Recreation	Construction
Parks & Recreation MIP, Various Locations	50538	Parks & Recreation	Construction
PCC Pavement Maintenance, Haines Anamosa to I-90	50445	Streets	Construction
Phase II Storm Water Program		Drainage	Construction
Promise Rd Detention Pond	50440	Drainage	Design / Construction
Sewer Main Reconstruction, (Woodlawn)	50323	Water Reclamation	Design / Construction
Sewer Service Lines Matching Funds	50292	Water Reclamation	Construction
St. Joe and St. Patrick Intersection		Streets	Construction
Valley Dr. Signalization, St. Pat & Hwy 44 (2 locations)	50165-1498	SDDOT	Design / Construction
Visitor Information Center Pavement Repair	50607	Public Works	Construction
Water Rights Acquisition	50303	Water	Construction
Water Service Line Matching Fund	50294	Water	Construction
WRF Paving and Sidewalk Improvements	50578-1407	Water Reclamation	Construction

# Proposed 2006 Project List

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## Consultant Design / Construction

1st St. and Philadelphia Sewer Main Replacement	50579-1443	Water Reclamation	Construction
2006 Bridge Inspections		Public Works	Design / Const. Mngmt.
6th St Memorial Pk Water Transmission Main Reconst	50439-1423	Water	Construction
6th St. and Hillcrest Dr. Water Main Extension	50614-1521	Water	Construction
Anamosa St Reconstruction, Haines to Midway St	50519-1472	Streets	Design
Anamosa St Reconstruction, LaCrosse to Herman	50518-1471	Streets	Design
Anamosa St. Reconstruction, Midway to Herman	50559-1473	Streets	Design
Auto Irrigation - Various Locations, TBD	50097	Parks & Recreation	Construction
Box Culvert @ Cambell (Element 5)	50020	Drainage	Design / Construction
Camp Rapid Water Main Model	50598-1430	Water	Design
Canyon Lk Heights Sanitary Sewer Extension	50361	Water Reclamation	Construction
Chapel Lane Bridge Widening/Rehab.	50016-1359	Streets	Construction
Clark Street Sanitary Sewer Extension	50587	Water Reclamation	Construction
Country Road Lift Station Improvements	50376-1255	Water Reclamation	Construction
Creek Drive Bridge Replacement	50309-1241	Streets	Design / Construction
Cross St Railroad Crossing	50172	SDDOT	Construction
Dahl Fine Arts Center Expansion	50101	Public Works	Construction
E. Anamosa St. Extension, E. North to Century Rd	50261-1497	Streets	Construction
E. Anamosa Extension, Century Rd. to LaCrosse	50316-1397	Streets	Construction
Elk Vale Rd., I-90 to City Limits - Exit 61	50143-1502	Streets	Design
Elk Vale Watermain Loop	50371-1248	Water	Design
Elm Av / St. Patrick St. Intersection Improvements	50416	Streets	Design
Elm Ave 20" Watermain Cathodic Protection Rehab	50480-1517	Water	Construction
Elm Ave. Reconst., E. Utah to Meade	50145-1076	Streets	Design
Elm Ave. Reconst., Meade to St. Patrick	50130-1075	Streets	Design
Fairgrounds East Drainage Improvements	50544	Drainage	Construction
Farnwood/Rapp/Anamossa Intersection Improvements	50286-929	Streets	Design
Fifth St. Bridge Deck Repair	50525	Streets	Construction
Golf Maintenance Facility	50515	Parks & Recreation	Construction
Hall St. Sewer Extension		Water Reclamation	Construction
Heights and Cliff Dr. Sewer Extension		Water Reclamation	Construction
Hwy 44 Reconstruction, from PCC Pave. to Airport	50479-1469	SDDOT	Construction
I-190 Pavement Restoration	50492-1499	SDDOT	Construction
Inverted Siphon, Repair / Replacement			Design / Construction
Jackson Springs Water Treatment	50570-1425	Water	Design / Construction
Kansas City St., 5th to 8th St.	50132-1077	Streets	Design / Construction
Kepps Water Main Extension		Water	Design
Lazy P-6 Sanitary Sewer Extension	50612-1514	Water Reclamation	Construction
Lemmon Ave. Reconst., College to Monroe	50120-1068	Drainage	Construction
Lime Ck Drainage, Lime Ck. Dr. to Brookside	50024	Drainage	Construction
Lime Ck. Metering Dam (EI 389)	50010-856	Drainage	Design
Lime Creek Metering Dam (Elem 388) Construction	50009	Drainage	Design
Lombardy Drive Reconst.	50133	Streets	Construction
Mall Dr Watermain Loop	50344-1260	Water	Construction
Mallow St. Sewer Extension		Water Reclamation	Construction
Meade Street Reconstruction, Elm to Hawthorne	50325	Water Reclamation	Construction
Mt View Reconst., RR to Jackson Blvd	50350-5617	SDDOT	Construction
Mt. Rushmore (US16) Repairs, Kansas City to Omaha	50557-1501	SDDOT	Construction
New York Street Park Improvements	50503	Parks & Recreation	Construction
Nugget Gulch Street Extension	50615-1534	Streets	Construction
Omaha/Mt. View Detention Pond	50528	Drainage	Construction
Red Rock Estates Detention Ponds	50259-1182	Drainage	Construction
Red Rock Meadows Lift Station		Water Reclamation	Construction

# Proposed 2006 Project List

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## Consultant Design / Construction

Red Rock Water Reservoir	50284-1184	Water	Construction
Robbinsdale Park Restrooms & Shelters	50504	Parks & Recreation	Construction
Robbinsdale Utility & St. Reconstruction		Water/W.Rec	Design / Construction
Roof Replacements, WRF Complex (Various Buildings); Main Fire Station; Milo Barber	50098	Public Works	Construction
S. Robbinsdale Channel Improvements, Elems. 2 & 4	50556	Drainage	Construction
Sedivy Lane, St. Pat to St. Charles	50125-1063	Streets	Construction
Skyline Dr / Tower Rd Intersection	50405-1238	Streets	Construction
Sports Facility Grant	50577	Parks & Recreation	Construction
St Pat (SD238) Resurfacing, Cambell to Hwy 44	50496-1500	SDDOT	Construction
St. Onge and Industrial Sewer Extension		Water Reclamation	Construction
St.Louis St. Watermain Reconstruction, E.Blvd to Elm	50390-1494	Water	Construction
St.Patrick Watermain Reconstruction Campbell to St. Joeseeph		Streets	Design / Construction
Stoney Creek Water Booster & Well House	50318-953	Water	Design / Construction
US 16B (Cambell St.), Minnesota to St. Pat.	50229-1393	SDDOT	Construction
Utility System Master Plan	50617-1447	Public Works	Design
Van Buren St., Milwaukee to LaCrosse	50149-1362	Streets	Design / Construction
W. Blvd. North (North of Adams St.) Sewer Ext.		Water Reclamation	Construction
W. Chicago St Pavement Restoration	50493-1468	SDDOT	Construction
W. Chicago Street Lighting	50366	Streets	Construction
Willsie Ave. Watermain Reconstruction			Design / Construction
WRF Digester Repair and Improvements	50581	Water Reclamation	Design
WTP Addition Roof Replacement	50369	Water	Construction

## Proposed 2006 Project List

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### Unassigned Projects

Dover Drainage Improvements	50025-1452	Drainage	Construction
Elk Vale Park Subdivision Utilities	50546	Public Works	Construction
Elk Vale Reservoirs & Booster	50321	Water	Design
Minnewasta St. Utilities	50383	Streets	Construction
NE Area Sanitary Sewer Analysis Amendment	50580-1442	Water Reclamation	Construction
Silver St. & Gold St. Utilities Reconstruction	50418	Water	Construction
W. Chicago Area Watermain Reconst.	50282-942	Water	Construction
Water Well #13 (Red Rocks)	50454	Water	Design
West Blvd area Street/Curb & Gutter Repairs		Streets	Design
West Blvd N. Watermain Loop	50334-1112	Water	Construction
Kellogg St & E. Signal Dr.		Streets	Design/Construction
Mill & Overlay A. Kinney Ave. B. Federal		Streets	Design/Construction