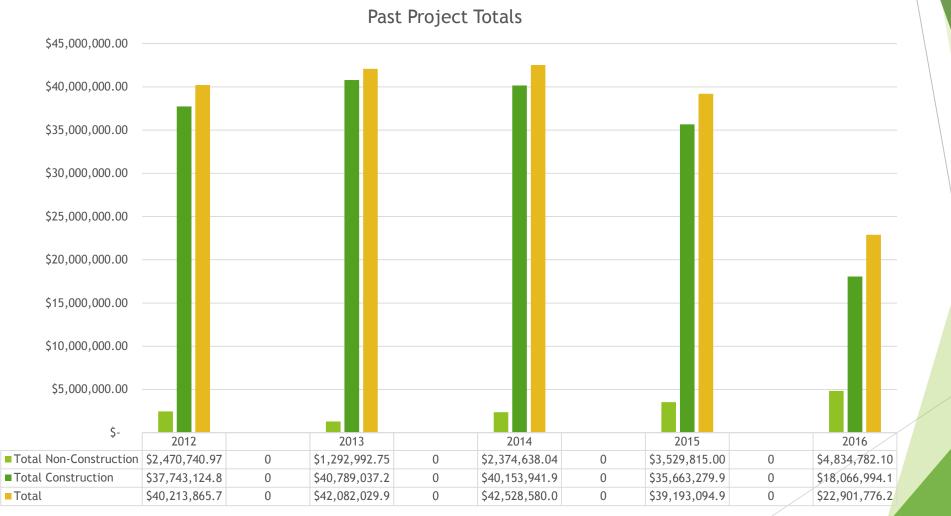
# City of Rapid City Capital Improvement Plan 2017-2022

Projects listed are subject to change

Disclaimer: This is a draft document

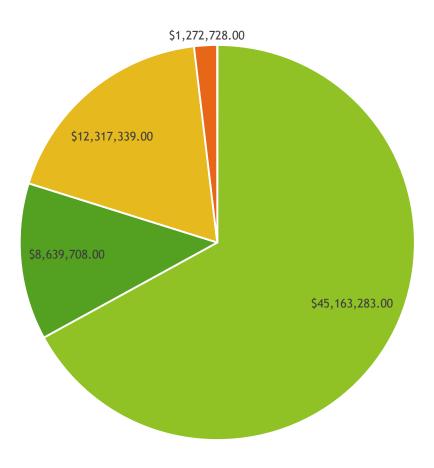
#### Past Year's Project Totals



Total Non-Construction Total Construction Total

## 2017 Project Total-\$67,393,058.00

2017 Project Total

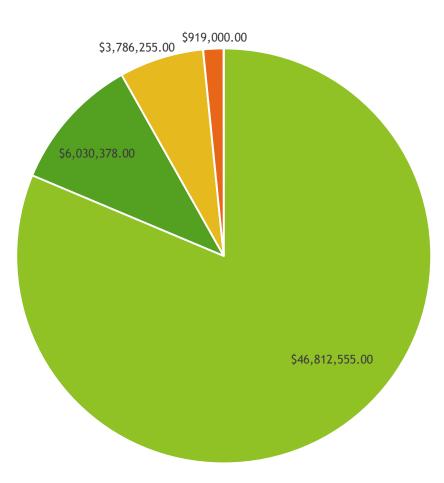


## 2018 Project Total-\$68,113,384.00

2018 Project Total \$1,330,000.00 \$8,686,283.00 \$7,749,387.00 \$50,347,714.00

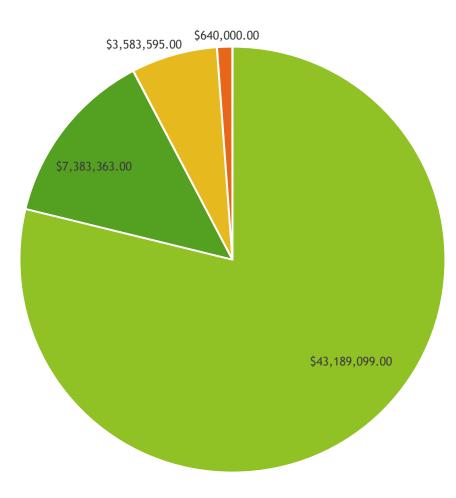
## 2019 Project Totals-\$57,548,188.00

2019 Project Total



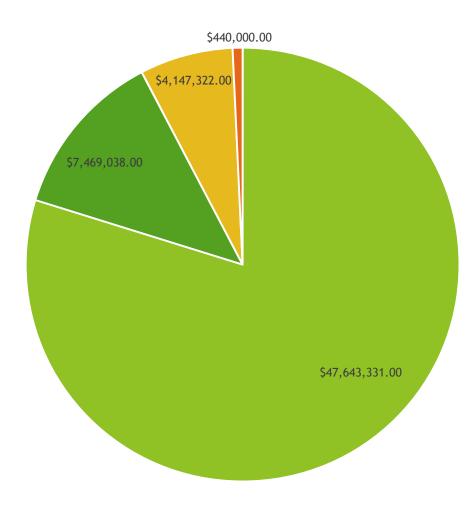
## 2020 Project Totals-\$54,796,057.00

2020 Project Total



## 2021 Project Totals-\$59,699,691.00

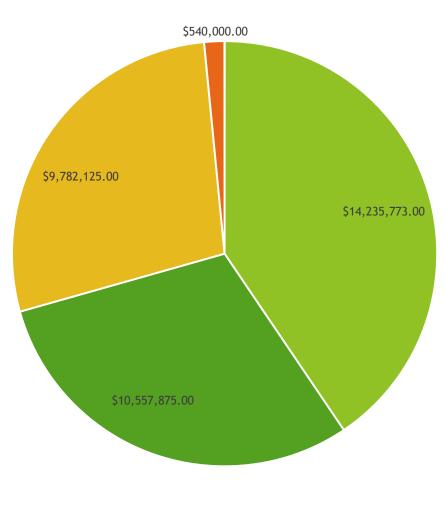
2021 Project Total



# 2022 Project Totals-\$35,115,773.00

(project list in progress)

2022 Project Total



#### 2017 Project List (Street projects)

- 12th Street Bridge Repairs
- ADA Compliance Project
- Baldwin Street Reconstruction, Wedgewood to S Berry
- Bridge Inspections
- Cherry Ave Bridge Repairs
- **Collector & Arterial Street Maintenance**
- Creek Drive Bridge Repair
- Deadwood Ave Design
- Disk and Haines Intersection Design
- ▶ Elk Vale Minnesota Signal Installation
- Elm Ave Extension
- Erosion Control
- Geotechnical/Infrastructure QA Program
- Jackson Blvd & W. Main St Intersection Reconstruction

- Knollwood Low Level Water Main Abandonment
- Miscellaneous Improvement Projects (MIP)
- Mt. Rushmore Road Reconstruction- Flormann -St James
- Out-of-the-Dust, Various Locations
- Street Rehabilitation Utility Support Fund
- Street Rehabilitation
- W. Omaha Utilities Breakout Project
- Anamosa St Reconstruction, Midway to Milwaukee
- Dakota Dr. Water Main Reconstruction -Design
- Seger Drive Reconstruction 143rd Ave to LaCrosse
- Sheridan Lake Rd Corral to Catron -Design
- W. Blvd NE Reconstruction- North to Anamosa -Design

# 2017 Project List (Water projects)

- Adams St Water Main -Design
- Anamosa St Reconstruction Midway to Milwaukee
- Baldwin Water Main Reconstruction
- Dakota Dr. Water Main Reconstruction W. Main to CLD -Design
- Elm Ave Extension
- Jackson & West Main Intersection
- Main St & St. Joseph St Water Valve Replace
- Mt. Rushmore Rd Reconstruction St. Patrick to South
- Northridge and Stoney Creek Booster
- Red Rocks Booster Pump Station Improvements

- Selador Reservoir -Design
- ► Utility Maintenance Facility
- Utility Rate Study
- Water Distribution SCADA Improvements
- Well No. 9 Electrical Improvements
- W. Blvd NE Reconstruction North to Anamosa -Design
- W Omaha Utilities Breakout
- Well 13 (Red Rocks) Well House Construction
   Design
- Seger Drive Reconstruction -143<sup>rd</sup> to LaCrosse
- **Radar Hill Rd North Transmission Main Ext.**

# 2017 Project List (Sewer projects)

- Anamosa St Reconstruction Midway to Milwaukee
- Baldwin Water Main Reconstruction
- E. St. James 12" Water Main Loop
- **Elk Vale Lift Station Gravity & Force Main**
- Jackson West Main Intersection
- Mt. Rushmore Rd Reconstruction St. Flormann to St. James
- Meade Hawthorne Elements 48
- Silver Street Interchange Utility Reconstruction
- Seger Drive Reconstruction. Dyess to 143rd
- Utility Maintenance Facility

- W. Blvd NE Reconstruction North to Anamosa
- W Omaha Utilities Breakout Project
- WRF Aeration Basin Clariflocculator
- WRF Process Reliability Improvements Engineering Service
- ► WRF Miscellaneous Projects
- ► WRF Potable Water Connection
- Utility Rate Study
- **WRF Boiler and Piping Replacement**
- Jolly Lane to Reservoir Rd Trunk Sewer
- **E** Rapid City Water System Exp.
- Rapid Valley Sanitary Sewer Bypass

# 2017 Project List (Stormwater projects)

- Annual Miscellaneous Drainage Replace/Improve
- Cambell Street Box Culvert Outlet Repair
- Meade Hawthorne Elements 48
- W Omaha Utilities Breakout Project

# 2018 Project List (Street projects)

- 12th Street Bridge Repairs
- 38th Street Reconstruction Clifton to Range
- ADA Compliance Project
- **Bridge Maintenance**
- Catron Blvd Widening Project
- Collector & Arterial Street Maintenance
- East North St. Reconstruction, Rapid Creek to Herman
- Fulton Street Sewer Reconstruction 9th to Tompkins
- Geotechnical/Infrastructure QA Program
- Miscellaneous Improvement Projects (MIP)

- Out-of-the-Dust, Various Locations
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho
- San Marco Street Reconstruction
- Sheridan Lake Road Reconstruction CLD to W Main
- Sturgis Road Area Utility Reconstruction
- St. Cloud Street Reconstruction
- Street Rehabilitation Utility Support Fund
- Street Rehabilitation
- Traffic Operations Upgrades
- Una Del Drive
- W Chicago St. Utilities Reconstruction

# 2018 Project List (Water projects)

- 12" High Pressure Water Main Imp -Design
- 38th Street Reconstruction -Clifton to Range
- East North St. Reconstruction, St. Joe to Maple
- East North St. Reconstruction, St. Joe to Rapid Creek
- Fulton Street Sewer Reconstruction - 9th to Tompkins
- Quincy St Watermain Replacement

- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho
- Selador Reservoir -Design
- Sheridan Lake Road Reconstruction - CLD to W Main
- Una Del Drive
- W Chicago St. Utilities Reconstruction

# 2018 Project List (Sewer projects)

- 38th Street Reconstruction Clifton to Range
- East North St. Reconstruction, St. Joe to Maple
- East North St. Reconstruction, St Joe to Herman
- Fulton Street Sewer Reconstruction
   9th to Tompkins
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho
- Sanitary Sewer Reconstruction Alley S of Kansas City
- Sheridan Lake Road Reconstruction
   CLD to W Main

- St. Cloud Street Reconstruction
- Sturgis Road Area Utility Reconstruction
- Una Del Drive
- Utility Maintenance Facility
  - W Chicago St. Utilities Reconstruction
- West Omaha Utilities Breakout
- WRF Sludge Processing Facility

# 2018 Project List (Stormwater projects)

- Annual Miscellaneous Drainage Replace/Improve
- East North St. Reconstruction, St Joe to Herman
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho

# 2019 Project List (Street projects)

- 12th Street Reconstruction St. Joseph St to Fulton St. -Design
- > 38th Street Reconstruction Clifton to Range
- ▶ 44th Street Phase 2 W. Main to W. Chicago
- ADA Compliance Project
- **Collector & Arterial Street Maintenance**
- Deadwood Ave
- Disk and Haines Intersection
- North Maple Ave Reconstruction
- **East Anamosa Storm Sewer Repair**
- Erosion Control
- Elmhurst, Forest, Juniper Reconstruction -Design
- Geotechnical/Infrastructure QA Program
- Guardrail Project
- Idlewild Box Culvert -Design

- La Crosse Street Interchange Utility Improvements
- Lindbergh Avenue Reconstruction
- Miscellaneous Improvement Projects (MIP)
- Out-of-the-Dust, Various Locations
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho
- St. Cloud Street Reconstruction 5th to Highland
- St. Patrick Street Reconstruction -Design
- Street Rehabilitation Utility Support Fund
- Street Rehabilitation
- S Wildwood Reconstruction Phase 2 -Design
- Sunburst Drive Reconstruction -Design
- Traffic Operations Upgrades
- Woodlawn Dr. Sanitary Sewer Replacement
- East North St. Reconstruction, Rapid Creek to Herman

# 2019 Project List (Water projects)

- 12th Street Reconstruction St. Joseph St to Fulton St. -Design
- 38th Street Reconstruction Clifton to Range
- ▶ 44th Street Phase 2 W. Main to W. Chicago
- Airport 12" Water Main Valve Replacement -Design
- Disk and Haines Intersection
- East Fairmont -Design
- East St. James 12" Water Main Loop
- **East North St Reconstruction, St. Joe to Maple**
- Fire Hydrant Installation Project-Annual
- Girl Scout Gallery Building Reconstruction -Design
- La Crosse Street Interchange Utility Improvements
- Lindbergh Avenue Reconstruction

- Omaha Street Utilities Sheffer St to 12th St
- Reservoir and Booster Station Site Selection
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E.
   Idaho
- Selador Reservoir
- South Wildwood Reconstruction Phase 2 -Design
- St. Cloud Street Reconstruction 5th to Highland
   -Design
- St. Patrick Street Reconstruction -Design
- Sunburst Drive Reconstruction
- Utility Maintenance Facility
- W. Blvd NE Reconstruction North to Anamosa
- Woodlawn Dr. Sanitary Sewer Replace
- Well 13 (Red Rocks) Well House Construction

# 2019 Project List (Sewer projects)

- 12th Street Reconstruction St. Joseph St to Fulton St. -Design
- 38th Street Reconstruction Clifton to Range
- 44th Street Phase 2 W. Main to W. Chicago
- Disk and Haines Intersection
- East North St Reconstruction, St. Joe to Maple
- Elk Vale Lift Station Gravity & Force Main
- La Crosse Street Interchange Utility Improvements
- Lindbergh Avenue Reconstruction
- Omaha Street Utilities Sheffer St to 12th St

- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho
- S Wildwood Watermain Reconstruction P2 -Design
- St. Patrick Street Reconstruction -Design
- Southeast Area Trunk Sewer Reconstruction Elm Prairie
- Sunburst Drive Reconstruction
- Trunk Sewer Master Plan-E. Blvd. to St. Patrick
- Utility Maintenance Facility
- W. Blvd NE Reconstruction North to Anamosa
- Woodlawn Dr. Sanitary Sewer Replace
- WRF Digester Complex Improvements
- WRF Sludge Processing Facility -Design

# 2019 Project List (Stormwater projects)

- Annual Channel Replacement/Improvement
- Annual Detention Facility Replacement/Improvement
- Annual Miscellaneous Drainage Replace/Improve
- East North St. Reconstruction, St Joe to Herman
- Robbinsdale-Ivy, Fairlane, Willow, Nevada, E. Idaho

# 2020 Project List (Streets projects)

- 12th Street Reconstruction St. Joseph St to Fulton St.
- ADA Compliance Project
- Bridge Inspections
- **Bridge Maintenance**
- **Collector & Arterial Street Maintenance**
- Dakota Dr. Water Main Reconstruction
- Geotechnical/Infrastructure QA Program
- Idlewild Box Culvert
- Miscellaneous Improvement Projects (MIP)
- Out-of-the-Dust, Various Locations
- Red Dale Drainage Basin Priority 1-Design
- Robbinsdale Ivy, Iowa, Tallent

- Robbinsdale Oakland
- Sheridan Lake Rd Corral to Catron -Design
- Silverleaf Reconstruction
- **Skyview Dr. Water Main Replacement**
- St. Patrick Street Reconstruction
- Street Rehabilitation Utility Support Fund
- Street Rehabilitation
- Sunburst Drive Reconstruction
- Traffic Operations Upgrades
- Una Del Drive
- W. Blvd NE Reconstruction North to Anamosa
- ► Wonderland Phase 1-Design

# 2020 Project List (Water projects)

- 12th Street Reconstruction St. Joseph St to Fulton St.
- > 12" High Pressure Water Main Imp
- Adams St Water Main
- Dakota Dr. Water Main Reconstruction
- East Fairmont
- Girl Scout Gallery Building Reconstruction
- Main St & St. Joseph St Water Valve Replace
- Pinelawn Reservoir -Design
- Reservoir and Booster Station Site Selection

- Robbinsdale Phase 5 -Design
- Silverleaf Reconstruction
- Skyview Dr. Water Main Replacement-Design
- St. Cloud Street Reconstruction 5th to Highland
- Sunburst Dr. Reconstruction
- Una Del Drive
- West Omaha Water Transmission Main

# 2020 Project List (Sewer projects)

- 12th Street and Quincy St Reconstruction
- **Cambell Street MH Replacement**
- Highway 44 Diversion Sewer
- Inflow & Infiltration Project 1
- Manhole Adjustments Annual
- Robbinsdale Ivy, E Iowa, E Tallent
- Robbinsdale Phase 5 Oakland
- St. Patrick Street Reconstruction

- Silverleaf Reconstruction
- Woodlawn Drive Sanitary Sewer Replacement
- Sunburst Drive Reconstruction
- Una Del Drive
- Wonderland Dr. Area St & Utilities -Design
- WRF Sludge Processing Facility

# 2020 Project List (Stormwater projects)

- 12th Street Reconstruction St. Joseph to Fulton Street
- Annual Channel Replacement/Improvement
- Annual Detention Facility Replacement/Improvement
- Annual Miscellaneous Drainage Replace/Improve
- East North St Reconstruction -Rapid Creek to Herman
- Idlewild Box Culvert

# 2021 Project List (Streets projects)

- ▶ 44th Street Phase 2 W. Main to W. Chicago
- ADA Compliance Project
- Bridge Inspections
- Bridge Maintenance
- **Collector & Arterial Street Maintenance**
- North Maple Ave Reconstruction
- E Waterloo St Reconstruction Milwaukee to Lacrosse
- Erosion Control
- Elmhurst, Forest, Juniper Reconstruction
- Geotechnical/Infrastructure QA Program
- Guardrail Project

- Jackson Blvd DBDP
- Miscellaneous Improvement Projects (MIP)
- Out-of-the-Dust, Various Locations
- Sheffer Street Storm Sewer Improvements
- St. Cloud Street Reconstruction 5th to Highland
- Street Rehabilitation Utility Support Fund
- Street Rehabilitation
- S Wildwood Reconstruction Phase 2
- Traffic Operations Upgrades
- Sheridan Lake Rd Corral to Catron
- Skyline Phase 1-Design

# 2021 Project List (Water projects)

- 44th Street Phase 2 W. Main to W. Chicago
- Airport 12" Water Main Valve Replacement
- East Boulevard Water Transmission Main
- East Waterloo St Reconstruction -Milwaukee-LaCrosse -Design
- Elmhurst, Juniper, Forest -Engineering -Design
- Jackson Blvd DBDP Element 23 -Design
- Main St & St. Joseph St Water Valve Replace

- Pinelawn Reservoir
- Reservoir and Booster Station Site Selection
- Skyview Dr. Watermain Replacement
- South Wildwood Reconstruction -Phase 2
- St. Martins Booster Station Upgrade
- St. Patrick Street Reconstruction
- West Omaha Water Transmission Main

# 2021 Project List (Sewer projects)

- 44th Street Phase 2 W. Main to W. Chicago
- East Waterloo St Reconstruction -Milwaukee-LaCrosse -Design
- Elmhurst, Juniper, Forest -Engineering -Design
- Highway 44 Diversion Sewer
- Inflow and Infiltration Project Two
- Jackson Blvd DBDP Element 23 -Design

- Southeast Area Trunk Sewer Reconstruction Elm Prairie
- S Wildwood Watermain Reconstruction P2
- Trenchless Sanitary Sewer Rehabilitation -Design

# 2021 Project List (Stormwater projects)

- Annual Channel Replacement/Improvement
- Annual Detention Facility Replacement/Improvement
- Annual Miscellaneous Drainage Replace/Improve

# 2022 Project List (Streets projects) (project list in progress)

- ADA Compliance Project
- 44th Street Phase 2 W. Main to W. Chicago
- Bridge Inspections
- Collector & Arterial Street Maintenance
- Elmhurst
- Geotechnical/Infrastructure QA Program
- Lindbergh Avenue Reconstruction
- Miscellaneous Improvement Projects (MIP)
- Out-of-the-Dust, Various Locations

- Red Dale Drainage Basin Priority 1
- Robbinsdale Oakland
- Robbinsdale Ivy, Iowa, Tallent
- Street Rehabilitation-Utility Support Fund
- **Street Rehabilitation**
- Traffic Operations Upgrades
- ► Wonderland Phase 1

# 2022 Project List (Water projects) (project list in progress)

- Arrowhead 10" Watermain Loop
- East Watertown St Watermain Replacement
- Kansas City St Low Level Watermain Replacement - West St to West Blvd
- Kansas City St and West St Booster Replacement
- Main St & St. Joseph St Water Valve Replace
- Meade Street Watermain Reconstruction
- Pinelawn
- Red Dale Priority 1

- Reservoir and Booster Station Site Selection
- Robbinsdale Reconstruction Phase 5

   Oakland
- Robbinsdale Ivy, E Iowa, E Tallent
- Southwest and Terracita Watermain Loop
- **St Martins**
- Terracita Reservoir No. 2
- West Omaha Water Transmission Main
- ▶ Wonderland Phase 1

# 2022 Project List (Sewer projects) (project list in progress)

- Box Elder Creek Lift Station
- Red Dale Drainage Basin Priority
   1
- Robbinsdale Ivy, Iowa, Tallent
- Robbinsdale Phase 5 Oakland
- Trenchless Sanitary Sewer Rehab
- Trunk Sewer Master Plan-E. Blvd. to St. Patrick
- Wonderland Phase 1

# 2022 Project List (Stormwater projects) (project list in progress)

- Annual Channel Replacement/Improvement
- Annual Detention Facility Replacement/Improvement
- Annual Miscellaneous Drainage Replace/Improve

## 2017 Anticipated Bid Schedule

- 1-31-17
  - W Omaha Drainage and Utility Improvements
- > 2-14-17
  - Rapid Valley Sanitary Sewer Bypass
  - Seger Drive Reconstruction-143rd Ave to LaCrosse
- 2-28-17
  - WRF Potable Water Connection Improvements
  - East St James 12" Water Main Loop
- > 3-14-17
  - East Rapid City Water System Expansion - Morris Lane PRV Station Construction
  - E Rapid City Water System Expansion-Southside Drive Water Main Extension
  - Meade/Hawthorne DBDP Element 47 & S. Ridge Rd Sanitary Improvements

- 3-28-17
  - Red Rocks Booster Pump Station Improvements
  - East Rapid City Water System Expansion -Valley View and Radar Hill Road North Extensions
  - 4-11-17
    - Cambell Street Box Culvert Outlet
    - Jolly Lane Overlay -Pavement Rehab Projects
    - Creek Drive Bridge Repair
    - Anamosa Street Reconstruction Midway to Milwaukee
- 4-25-17
  - East Rapid City Water System Expansion -Anderson Road Water Main Extension
  - Well No. 9 Electrical Improvements
  - 2017 Street Patching

**REMAINING 2017 BID DATES:** May 9, 2016 May 30, 2017 June 13, 2017 June 27, 2017 July 11, 2017 August 1, 2017 August 15, 2017 August 29, 2017 September 12, 2017 September 26, 2017 October 10, 2017 October 31, 2017 November 14, 2017 November 28, 2017 December 12, 2017 December 26, 2017

Projects listed for bid are subject to change