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<td>Construction</td>
<td>8</td>
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<td>Wastewater</td>
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<td>Design Professional Services</td>
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<td>Construction</td>
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<td>Stormwater/Waterways</td>
<td>20</td>
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<tr>
<td>Construction</td>
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</table>
FISCAL YEAR 2016 WATER CIP

Water Project Type

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Treatment</td>
<td>$10,500,000</td>
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<tr>
<td>Pump Station</td>
<td>$11,090,000</td>
</tr>
<tr>
<td>Transmission</td>
<td>$7,850,000</td>
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<tr>
<td>Distribution</td>
<td>$49,260,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$78,700,000</strong></td>
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TREATMENT

Chemical Building (Lime Slakers)
$750,000 | May 2015

Richard Parmeter
Facilities

Water Treatment Plant Facility Plan
$500,000 | July 2015

Carla Bergman
Facilities

Tier 1 Improvements at Water Treatment Plant
$1,500,000 | February 2016

John C. Parks
Facilities

PUMP STATION

Turkey Creek Pump Station Rehabilitation:
Concrete and Building Rehab & Upper Reservoir Baffling and Vent Design
$500,000 | Sept. 2015

Richard Parmeter
Facilities
DISTRIBUTION

Water Main Replacement: Askew Ave. to Belmead Rd.; E. 33rd St. to E. 53rd St.
$391,000 | March 2015

Water Main Replacement: Raytown Road; E. 87th St. to E. Bannister Rd.
$227,000 | March 2015

Water Main Replacement: Noland Rd. to Rhinehart; Little Blue Rd. to 87th St.
$249,000 | March 2015

Water Main Replacement: Mercier St. to Woodland Lane; W. 90th Terr. to 100th Terr.
$392,000 | March 2015

Water Main Replacement: Bristol Ave. to Booth Ave.; 47th Terr. to 73rd St.
$357,000 | May 2015
Water Main Replacement: N. Park Plaza Dr. to N. Agnes Ave.; NW 65th Place to NE 88th St.
$468,000 | March 2015

Water Main Replacement: Mercier St. to Wayne Ave.; W. 72nd St. to W. 87th St.
$900,000 | March 2015

Water Main Replacement: Highland Ave. to Hillcrest Rd.; E. 79th St. to E. 100th Terr.
$1,000,000 | March 2015

Water Main Replacement: Manchester to SW View High Drive; E. Bannister Rd. to Longview Rd.
$427,000 | March 2015

Water Main Replacement: Washington St. to Prospect Ave.; 108th Terr. to 155th St.
$439,000 | March 2015
SLBE-WSDEPS PROJECTS

Water Main Replacement: Winchester to Hardy; E. Truman Rd. to 40th Terr.  
$316,000 | March 2015

Water Main Replacement: N. Oak Trafficway to Brooklyn Ave; NE Russell Rd.  
to NE Englewood Rd.  
$320,000 | March 2015

Water Main Replacement: Noland Rd. to Emery Ave.; E. 49th St. to Little Blue Rd.  
$412,000 | March 2015

Water Main Replacement: Terrace St. to Euclid Ave.; E. 3rd St. to W. 32nd Terr.  
$219,000 | March 2015

Water Main Replacement: N. Oak Trafficway to Tracy Ave.; NE 96th Terr. to  
NE Cookingham Dr.  
$184,000 | March 2015

Water Main Replacement: Wiedenmann Place to Agnes; 42nd St. to 67th St.  
$75,000 | March 2015
SLBE-WSDEPS PROJECTS

Water Main Replacement: Hillcrest Rd. to Wallace Ave.; 74th St. to 86th St.
$222,000 | March 2015

Water Main Replacement: N. Kansas Ave. to N. Cypress Ave; NE 41st St. to NE 57th Terr.
$402,000 | March 2015

Dehumidification at Secondary Pump Station
$80,000 | July 2015
**TREATMENT**

- **Primary Basins (5 and 6) Improvements and Painting**
  - $2,750,000 | April 2015
  - Carla Bergman Facilities

- **Chemical Building (Limo Silo and Intake Building Painting)**
  - $500,000 | June 2015
  - John Reddy Facilities

- **Chemical Building (Lime Unloading System)**
  - $1,100,000 | January 2016
  - Richard Parmeter Facilities

**PUMP STATION**

- **Shoal Creek Parkway Pump Station and Storage Site**
  - $6,600,000 | April 2015
  - Carla Bergman Facilities

- **East Bottoms Pump Station Rehabilitation Phase 2 Roof Replacement**
  - $850,000 | October 2015
  - Carla Bergman Facilities

**TRANSMISSION**

- **Vivion Road Transmission Main - 36”**
  - $7,850,000 | January 2016
  - Kelly Finn Systems
Water Main Replacement: N. Oakley to Marsh; 20th St. to 34th St.
$1,700,000 | March 2015

Water Main Replacement: N. Walnut to Bennington; St. John to 17th St.
$700,000 | April 2015

Water Main Replacement: Stateline to Holmes; 75th St. to 85th St.
$1,830,000 | April 2015

Water Main Replacement: Stateline to Holmes; 86th St. to 132nd Terr.
$2,000,000 | May 2015

Water Main Replacement: Holmes to Lydia Ave.; 79th St. to 85th St.
$850,000 | May 2015

Water Main Replacement: Lydia to Walrond; 77th Terr. to 85th St.
$2,900,000 | June 2015
**DISTRIBUTION**

- **Water Main Replacement: NW Waukomis to N. Troost; 40th St. to 83rd St.**
  - $750,000 | June 2015
  - Reza Zonnooz Systems

- **Water Main Replacement: N. Hardesty to N. Tullis; 50th St. to 62nd St.**
  - $1,850,000 | July 2015
  - Alex Ivanescu Systems

- **Water Main Replacement: Elmwood to Blue Ridge Cutoff; 47th St. to 57th St.**
  - $1,850,000 | July 2015
  - Alex Ivanescu Systems

- **Water Main Replacement: N. Troost to N. Kansas; NW Russell Rd. to NE Englewood**
  - $1,200,000 | August 2015
  - Julie Jenson Systems

- **Water Main Replacement: Askew to Hardesty; 36th St. to 46th St.**
  - $1,000,000 | August 2015
  - Brooke Lindsey Systems

- **Water Main Replacement: Drury to Elm; 80th Terr. to 120th Terr.**
  - $2,800,000 | Sept. 2015
  - Rebecca Mitchell Systems
Water Main Replacement: Stateline to Harrison; 44th St. to 75th St.
$1,650,000 | Sept. 2015

Water Main Replacement: N. Walrond to N. Brighton; NE Russell Rd. to 53rd Terr.
$1,200,000 | October 2015

Water Main Replacement: Holmes to College; 85th St. to 139th St.
$1,400,000 | October 2015

Water Main Replacement: Woodland to Kensington; 63rd St. to 72nd Terr.
$900,000 | November 2015

Water Main Replacement: Blue Ridge Cutoff to Norfleet; 38th Terr. to 75th St.
$1,100,000 | November 2015

Water Main Replacement: N. Richards to N. Brighton; 1st St. to 37th St.
$1,050,000 | December 2015
FISCAL YEAR 2016 WASTEWATER CIP

Wastewater Project Type

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Wastewater Treatment</td>
<td>$13,550,000</td>
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<tr>
<td>Pump Station</td>
<td>$10,000,000</td>
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<tr>
<td>Collection System</td>
<td>$27,760,000</td>
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<td>Overflow Control Program</td>
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<td><strong>Total</strong></td>
<td><strong>$188,730,000</strong></td>
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Burlington Creek/Line Creek Force Main Evaluation
$300,000 | September 2015

Digester Improvements
$200,000 | October 2015

Grease Receiving Station
$500,000 | November 2015

Birmingham/Westside Grit Removal and Blowers
$900,000 | February 2016

Westside Wastewater Treatment Plant Improvements
$1,000,000 | March 2016
OVERFLOW CONTROL PROGRAM

Sewer Separation at Diversion Structure 099
$150,000 | February 2015

Relief Sewer: Diversion Structure 068 to Blue River
$821,000 | March 2015

In-Line Storage: Gooseneck Arch Sewer Gate and Pump Station Improvements
$1,530,000 | March 2015

Private Inflow/Infiltration Reduction Program
$3,500,000 | June 2015

Private Inflow/Infiltration Reduction Program
$3,500,000 | June 2015

Private Inflow/Infiltration Reduction Program
$3,500,000 | June 2015
**TREATMENT**

- **Platte Woods Pump Station Rehabilitation**
  - $1,500,000 | January 2016

- **Digester Improvements**
  - $1,000,000 | April 2016

- **Odor Control Improvements Phase 1 at Blue River**
  - $4,400,000 | October 2016

**PUMP STATION**

- **Upper Rush Pump Station Rehabilitation**
  - $5,000,000 | February 2016

- **Weatherby Pump Station Rehabilitation**
  - $5,000,000 | February 2016
City-wide Sewer Manhole Stabilization within Waterways  
$900,000 | May 2015

Walnut Street Sewer Rehabilitation  
$4,000,000 | June 2015
OVERFLOW CONTROL PROGRAM

Middle Blue River Green Infrastructure at Outfall 069 Phase 1
$6,270,000 | March 2015

87th Street Pump Station Upgrade - Phase 1
$20,000,000 | April 2015

Middle Blue River Neighborhood Sewer Rehabilitation Project
$15,680,000 | April 2015

Blue River South I/I Reduction Area 1 and Area 2 Project
$8,000,000 | April 2015

Middle Blue River Green Infrastructure at Outfall 059 Phase 1
$980,000 | May 2015

Middle Blue River Green Infrastructure at Outfall 059 Phase 2
$2,860,000 | May 2015

Middle Blue River Green Infrastructure at Outfall 069 Phase 2
$4,840,000 | May 2015
<table>
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<th>Project Description</th>
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<tr>
<td>Middle Blue River Green Infrastructure at Outfall 069 Phase 3</td>
<td>$5,940,000</td>
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<td>In-Line Gates at Santa Fe Pump Station</td>
<td>$2,173,000</td>
<td>July 2015</td>
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<tr>
<td>Middle Blue River Green Infrastructure at Outfall 059 Phase 3</td>
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<td>Sewer Consolidation at Outfall 063</td>
<td>$6,030,000</td>
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<td>Green Infrastructure Pilot: Additional Pilots 3rd District</td>
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<td>Sewer Separation at Diversion Structure 006</td>
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FISCAL YEAR 2016 STORMWATER/WATERWAYS CIP

<table>
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<th>Stormwater/Waterways Project Type</th>
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<td>Conveyance</td>
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<td>Green Infrastructure</td>
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<td>Channel Improvements</td>
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<td>Trails</td>
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<td>Drainage Improvements</td>
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<tr>
<td>Other</td>
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<td><strong>Total</strong></td>
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<tr>
<td>Project Description</td>
<td>Cost</td>
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<tr>
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<tr>
<td>Blue River Trail: Brush Creek to Stadium Drive Waterways</td>
<td>$2,000,000</td>
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<tr>
<td>Blue River Trail: Stadium Drive to Corrington Park Waterways</td>
<td>$2,000,000</td>
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<tr>
<td>Detention Basin: NE 114th Terr.; Charlotte Ave. to Tracy Ave.</td>
<td>$142,000</td>
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<tr>
<td>Culvert Replacement: 57th St. and Norfleet</td>
<td>$700,000</td>
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<tr>
<td>Culvert Replacement: Loma Vista and Eastern Ave.</td>
<td>$718,000</td>
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<tr>
<td>Concrete Channel Replacement: Ruskin Hills</td>
<td>$300,000</td>
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STORMWATER/WATERWAYS IMPROVEMENTS

House Demolition: 70th Terr.  
$140,000 | December 2015

Storm Drain Improvements: Carriage Hills  
$180,000 | March 2016

Catch Basin Drain Line: Spruce Avenue  
$100,500 | March 2016
For more information about U.S. Army Corps of Engineers Projects: