



**City of Lee's Summit, Missouri**  
**Water Utilities Department**  
**SUMMARY STATEMENT OF WATER FACILITY PROJECTS**  
**INITIATED AND COMPLETED DURING THE PROCEEDING YEAR**  
**For Fiscal Year Ending June 30, 2018:**  
**(July 1, 2017 – June 30, 2018)**

Completed Projects      Future expenditures      Approved Projects

The following water tap fee projects were completed:

Project	Estimated Construction	Prior Year Expenditures	FY 2018 Expenditures	Future Expenditures	Projected Total Cost
Kansas City Phase I	Completed	\$ 13,882,009	\$ 0	\$ 0	\$ 13,882,009
South Terminal	Completed	\$ 12,488,472	\$ 0	\$ 0	\$ 12,488,472
Scherer Rd Elevated Tank	Completed	\$ 3,088,271	\$ 0	\$ 0	\$ 3,088,271
Bowlin Road Pump Station	Completed	\$ 731,993	\$ 0	\$ 0	\$ 731,993
South Elevated Tank	Completed	\$ 4,056,177	\$ 0	\$ 0	\$ 4,056,177
South Elevated Tank Connect	Completed	\$ 319,964	\$ 0	\$ 0	\$ 319,964
North System Improvements	Completed	\$ 887,640	\$ 0	\$ 0	\$ 887,640
Woods Chapel Road	Completed	\$ 611,717	\$ 0	\$ 0	\$ 611,717
Blackwell & US 50 Interchange	Completed	\$ 280,250	\$ 0	\$ 0	\$ 280,250
System Upsizing	On Going	\$ 1,507,704	\$ 0	\$ 0	\$ 1,507,704
<b>Total</b>		<b>\$ 37,854,197</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 37,854,197</b>

- The Kansas City Phase I transmission line was put into service to provide water to the South Terminal in June of 2002. The Tap Fee fund made cash payments to Kansas City in the amount of \$7,544,621. The remaining \$6.3 million was financed by Kansas City for 15 years at 5.565%. This amount was refinanced at 2.93% in April of 2004.
- The Scherer Road elevated tank was substantially complete in July of 2001.
- The South Terminal is complete and was put into service in June of 2002.
- The South Elevated Tank (Hook Tower) was substantially completed on August 21, 2006.
- The South Elevated Tank Connecting Main was completed in March of 2006 to supply the Hook Tower.
- The North System Improvements project was completed in the Fall of 2008.
- Woods Chapel Road project water main improvements were completed in 2010.
- Blackwell Road & US 50 Hwy Interchange was the upsizing of lines through this interchange for future growth.

The following projects were initiated:

Projects	Estimated Construction	Prior Year Expenditures	FY 2018 Expenditures	Future Expenditures	Projected Total Cost
Kansas City Phase III	Completed	\$ 4,027,746	\$ 0	\$ 3,840,054	\$ 7,867,800
Harrisonville Capacity Transfer	FY 2015 – 28	\$ 2,169,222	\$ 234,511	\$ 2,286,485	\$ 4,690,218
US 50 Hwy – Smart to Harris	2018a	\$ 27,013	\$ 400,547	\$ 131,440	\$ 559,000
US 50 Hwy – Blackwell to Smart	2018a	\$ 64,621	\$ 316,506	\$ 44,873	\$ 426,000
<b>Total</b>		<b>\$ 6,288,602</b>	<b>\$ 951,564</b>	<b>\$ 6,302,852</b>	<b>\$ 13,543,018</b>

- Phase III of the Kansas City – Jackson Cass Transmission Line. This project extended the 54" water main between Leeds and the East Bottoms Pumping Station in Kansas City and increased the supply capacity from Kansas City by 6 MGD for a total of 20 MGD. Kansas City has not provided a final payment request to Lee's Summit.

- Agreement was finalized in FY2015 to acquire 5 MGD of the capacity in the Jackson Cass Transmission main formerly owned by Harrisonville. The Harrisonville capacity equates to over 7,300 residential equivalent units of growth.

Future Projects:

Projects	Estimated Construction	Prior Year Expenditures	FY 2018 Expenditures	Future Expenditures	Projected Total Cost
South Terminal Connecting Main	2019-20	\$ 91,834	\$ 0	\$ 1,812,000	\$ 1,903,834
Jackson Cass Low Head Storage	2030-40	\$ 0	\$ 0	\$ 16,172,000	\$ 16,172,000
System Improvements	2030-40	\$ 0	\$ 0	\$ 3,000,000	\$ 3,000,000
System Improvements	2022-25	\$ 0	\$ 0	\$ 675,000	\$ 675,000
Upsizing – FY 2017-40	2017-40	\$ 142,218	\$ 1,700	\$ 1,826,900	\$ 1,970,818
Tri-County Connections	2020-21	\$ 0	\$ 0	\$ 200,000	\$ 200,000
SE Quadrant Improvements	2024-25	\$ 0	\$ 0	\$ 2,010,000	\$ 2,010,000
Colbern Road	2020	\$ 0	\$ 0	1,058,000	\$ 1,058,000
<b>Total</b>		<b>\$ 234,052</b>	<b>\$ 1,700</b>	<b>\$ 26,753,900</b>	<b>\$ 26,989,652</b>

- The South Terminal Connecting Main alignment was completed in 2006. With additional supply to South Terminal, this project will increase the discharge of water through the pump station.
- Additional storage capacity is expected to be necessary as increased flows to the South Terminal are received through the pump station. This project has been identified in the Water Master Plan.
- Pryor Road (Hook Road to Scherer Road) upsizing remains in effect pending the developer's execution. Other upsizing projects have been identified to address development.
- Connections with Tri-County Water Authority have been planned as TCWA extends a transmission main through Lee's Summit to enhance emergency water demands.

All projects listed are consistent with the criteria required for Water Tap Fee funding.