



**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, 2020:**  
**(July 1, 2019 – June 30, 2020)**

Completed Projects      Future expenditures      Approved Projects

The following water tap fee projects were completed:

Project	Estimated Construction	Prior Year Expenditures	FY 2020 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
US 50 Hwy – Smart to Harris	Completed	\$ 464,829	\$ 0	\$ 0	\$ 464,829
US 50 Hwy – Blackwell to Smart	Completed	\$ 391,083	\$ 0	\$ 0	\$ 391,083
System Upsizing	On Going	\$ 1,507,704	\$ 200,436	\$ 0	\$ 1,708,140
<b>Total</b>		<b>\$ 38,710,109</b>	<b>\$ 200,436</b>	<b>\$ 0</b>	<b>\$ 38,910,545</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 2020 Expenditures	Future Expenditures	Projected Total Cost
Kansas City Phase III	Completed	\$ 4,027,746	\$ 0	\$ 5,467,223	<b>\$ 9,494,969</b>
Harrisonville Capacity Transfer	2015 - 28	\$ 2,638,243	\$ 254,053	\$ 1,797,922	<b>\$ 4,690,218</b>
South Terminal Connecting Main	2019 - 22	\$ 91,834	\$ 41,322	<b>\$ 1,770,678</b>	<b>\$ 1,903,834</b>
Upsizing – through FY40	2020 - 40	\$ 197,004	\$ 62,219	<b>\$ 1,218,597</b>	<b>\$ 1,477,820</b>
System Improvements	2022 - 25	\$ 91,371	\$ 12,868	<b>615,000</b>	<b>\$ 719,239</b>
Tri-County Connections	2020 - 21	\$ 0	\$ 0	\$ 200,000	<b>\$ 200,000</b>
Colbern Rd – US 350 to Douglas	2020 - 22	\$ 0	\$ 0	<b>1,058,000</b>	<b>\$ 1,058,000</b>
US 50 Hwy - Harris to Woodlawn	2021 - 21	11,250	\$ 0	\$ 0	<b>\$ 11,250</b>
<b>Total</b>		<b>\$ 7,057,448</b>	<b>\$ 356,247</b>	<b>\$ 12,596,217</b>	<b>\$ 19,555,330</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.
- 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.
- System Improvements include various interconnects.
- Connections with Tri-County Water Authority have been planned as TCWA extends a transmission main through Lee’s Summit to enhance emergency water demands.
- Extension of water main along US 50 Hwy with 12” main to continue improvements in District #14.

Future Projects:

Projects	Estimated Construction	Prior Year Expenditures	FY 2020 Expenditures	Future Expenditures	Projected Total Cost
SE Improvements – 291 to Hamblen	2024-25	\$ 0	\$ 0	<b>\$ 2,028,000</b>	<b>\$ 2,028,000</b>
SE Improvements – Hamblen	2025-30	\$ 0	\$ 0	<b>\$ 2,281,000</b>	<b>\$ 2,281,000</b>
Jackson Cass Low Head Storage	2030-40	\$ 0	\$ 0	<b>\$ 14,928,000</b>	<b>\$ 14,928,000</b>
Hook Rd – Tower to 291	2030-40	\$ 0	\$ 0	<b>\$ 4,038,000</b>	<b>\$ 4,038,000</b>
Pryor Rd – Scherer to Longview	2026-30	\$ 0	\$ 0	<b>\$ 1,889,000</b>	<b>\$ 1,889,000</b>
<b>Total</b>		<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 25,164,000</b>	<b>\$ 25,164,000</b>

- 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 (Longview Road to Scherer Road) addresses and area that was identified in the master plan.
- SE Improvements were added for FY19 and updated with the extension of transmission main down Hamblen.
- Hook Road transmission main from the Tower had previously been identified and will be necessary for further development of the area.

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