

**Upper Great Plains Transportation Institute  
Budget No. 627  
Senate Bill No. 2020**

	<b>FTE Positions</b>	<b>General Fund</b>	<b>Other Funds</b>	<b>Total</b>
2021-23 legislative appropriation	43.88	\$4,485,607	\$21,267,350	\$25,752,957
2019-21 legislative appropriation	<u>43.88</u>	<u>4,396,329</u>	<u>18,937,512</u>	<u>23,333,841</u>
2021-23 appropriation increase (decrease) to 2019-21 appropriation	0.00	\$89,278	\$2,329,838	\$2,419,116

**Item Description**

**Remote sensing of infrastructure** - The Legislative Assembly appropriated \$2,225,000 of one-time funding, including \$225,000 from the strategic investment and improvements fund and \$2,000,000 from unidentified federal funds, to the Upper Great Plains Transportation Institute for remote sensing of infrastructure.

**Status/Result**

The Upper Great Plains Transportation Institute has used the funding from the strategic investment and improvements fund to leverage federal funding of \$366,000 for two research projects, including autonomous aircraft logistics and remote sensing of transportation assets using drones and artificial intelligence. The Upper Great Plains Transportation Institute reported \$68,200 of the \$225,000 appropriation was spent as of March 31, 2022, and the remaining funds would be used as match for the two research projects, for the development of additional proposals for federal funds, and for collaborations with state agencies and private industry on remote sensing applications.