

PROJECT DESCRIPTIONS

GROUP A

FM 546 Replacement (SH 5 to Airport Drive): This project, once constructed, will provide improved access to the area surrounding Collin County Regional Airport and will allow the City to remove existing FM 546 (Industrial Blvd) from the State highway system. Preliminary engineering for this project is currently underway as a City of McKinney project. The project is anticipated to cost approximately \$26.5 million.

Virginia Parkway Lanes 5 & 6 (US 75 to Mallard Lakes): Traffic on Virginia Parkway currently exceeds the capacity for a four-lane roadway, resulting in delays during peak periods. This project will increase capacity of the roadway by 50% by installing one new lane in each direction to the outside of the existing lanes. The complexity of the construction phasing will only increase as traffic volumes on the roadway continue to climb. This roadway is currently a TxDOT roadway (FM 3038), but it is anticipated that the City will remove it from the state highway system prior to constructing these improvements. This project is anticipated to cost approximately \$8.9 million.

Virginia Parkway Lanes 5 & 6 (Mallard Lakes to Ridge Road): Traffic on Virginia Parkway is currently nearing capacity for a four-lane roadway. This project will increase capacity of the roadway by 50% by installing one new lane in each direction in the median of the existing roadway. The complexity of the construction phasing will only increase as traffic volumes on the roadway continue to climb. This project is anticipated to cost approximately \$2.8 million. This cost is small compared to the benefit received.

Stacy Road Lanes 5 & 6 (SH 121 to Ridge Road): Traffic on Stacy Road has increased steadily since it was completed several years ago and is currently nearing capacity for a four-lane roadway. Continued development activity in the area will result in further increases in traffic volume. Additionally, the City of Frisco will also be starting reconstruction of Main Street soon, which will funnel more traffic towards Stacy Road. This project will increase capacity of the roadway by 50% by installing one new lane in each direction in the median of the existing roadway. The complexity of the construction phasing will only increase as traffic volumes on the roadway continue to climb. This project is anticipated to cost approximately \$1.6 million. This cost is small compared to the benefit received.

SH 5 Reconstruction (FM 546 to US 380): This roadway is the main commercial corridor for McKinney east of US 75. A separate planning project is currently underway through a partnership between the City, NCTCOG, and TxDOT. This project will implement the findings of the planning study and is anticipated to include paving, median, sidewalk, landscape, lighting, and other enhancements. The project is anticipated to cost approximately \$23 million.

Group B

Custer Road Reconstruction (US 380 to FM 1461) – ROW Only: This project, once constructed, will provide improved access to the surrounding area prior to significant development occurring. Currently, several large development projects are in the planning stages adjacent to the roadway. The Custer Road project south of US 380 demonstrated the complications that can arise from waiting too long to construct a TxDOT roadway. This project will also provide regional mobility improvements for Prosper and Celina. Preliminary and final engineering for this project are currently underway as a City of McKinney project. The right-of-way phase is anticipated to cost approximately \$7.8 million. The construction phase is proposed as a separate funding priority.

Lake Forest Drive Lanes 5 & 6 (SH 121 to McKinney Ranch Parkway): Traffic on Lake Forest Drive is currently nearing capacity for a four-lane roadway. This project will increase capacity of the roadway by 50% by installing one new lane in each direction in the median of the existing roadway. The complexity of the construction phasing will only increase as traffic volumes on the roadway continue to climb. This project is anticipated to cost approximately \$1.9 million. This cost is small compared to the benefit received.

Group C

FM 543 Connector (FM 543 to Lake Forest Drive): This project will provide an alternate east-west route north of US 380 and a continuous direct connection through Prosper, Celina, and McKinney between the Dallas North Tollway and US 75. This project is anticipated to cost approximately \$31 million.

Custer Road Reconstruction (US 380 to FM 1461) – Construction: This project will provide improved access to the surrounding area prior to significant development occurring. Currently, several large development projects are in the planning stages adjacent to the roadway. The Custer Road project south of US 380 demonstrated the complications that can arise from waiting too long to construct a TxDOT roadway. This project will also provide regional mobility improvements for Prosper and Celina. Preliminary and final engineering for this project is currently underway as a City of McKinney project. Right-of-way acquisition is proposed as a higher funding priority in this list. The construction phase is anticipated to cost approximately \$40 million.

Bloomdale Road (Community Drive to Lake Forest Drive): This project will provide an alternate east-west route north of US 380. It will also provide improved access to the Collin County facilities at Bloomdale Road and US 75. This project is anticipated to cost approximately \$24 million.

Wilmeth Road Lanes 3 & 4 (Redbud Blvd to SH 5): Traffic on Wilmeth Road is currently nearing capacity for a two-lane roadway. This project will increase capacity of the roadway by installing the two additional lanes to make a four-lane divided roadway.

This will further result in a continuous four-lane connection between Hardin Blvd and SH 5. This project is anticipated to cost approximately \$3.0 million.

Wilmeth Road (Hardin Blvd to Lake Forest Drive): This project will provide an alternate east-west route north of US 380. This will further result in a continuous four-lane connection between Lake Forest Drive, US 75, and SH 5. This project is anticipated to cost approximately \$18 million.