

Capital Improvement Plan Projects

2021 *thru* 2025

City of Olathe, Kansas

Project # 3-C-025-18
Project Name Santa Fe, Ridgeview to Mur-Len, Preliminary Eng.

| | | | |
|------------------------|---------------------|-------------------|--------------|
| Type | Improvement | Department | Public Works |
| Category | Street Construction | Contact | Chet Belcher |
| 2040 Focus Area | Infrastructure | | |



Description

Total Project Cost: \$4,450,000

The existing roadway has insufficient capacity to handle the volume of traffic. This project will evaluate various options to expand Santa Fe to increase capacity and improve safety. Options may include widening the existing roadway, a backage road or other options, as well as access management. Also included in the project will be an evaluation of a reconfiguration of the northbound off-ramp at Santa Fe and I-35.

Justification

This project is currently being evaluated for corridor and interchange improvements. The study includes public outreach to gauge public interest in improvements to this corridor and interchange. Approximately 2,300 residents responded to the online survey, which is significant when compared to 925 responses were received for the Johnson County Gateway survey and 3,200 residents responded to the Olathe 2040 survey, both of which intensely targeted much larger groups throughout the County and City. The Olathe Chamber of Commerce was also consulted during the study and they report that improvements to this area will attract new businesses and increase sales and property tax revenue.

The schedule for this project will be dependent upon receipt of federal funding. In order to apply for Federal funding, the City must complete design drawings, which will be complete in 2022 in preparation for submitting a BUILD grant in 2023.

This project was identified as the top priority for Transportation Master Plan as a near term priority project based on existing and future traffic volumes. This project is needed to address safety and capacity needs in the area as this corridor carries one of the highest volumes of traffic in the City and has a high crash rate.

Segment ADT (Clairborne to Mur-Len) = 39,395 vpd; Crashes = 473 (2017-2019); Crash Rate = 10.96 crashes per million vehicle miles traveled (1.813 is average).

| Prior | Expenditure | 2021 | 2022 | 2023 | 2024 | 2025 | Total |
|---------|--------------|------------------|------------------|----------------|------|------|------------------|
| 500,000 | Contingency | 200,000 | 350,000 | 50,000 | | | 600,000 |
| Total | Design | 1,000,000 | 1,750,000 | 250,000 | | | 3,000,000 |
| | Staff | 25,000 | 35,000 | 30,000 | | | 90,000 |
| | Inflation | 50,000 | 170,000 | 40,000 | | | 260,000 |
| | Total | 1,275,000 | 2,305,000 | 370,000 | | | 3,950,000 |

| Prior | Funding Sources | 2021 | 2022 | 2023 | 2024 | 2025 | Total |
|---------|-----------------|------------------|------------------|----------------|------------|------|------------------|
| 500,000 | GO Bonds 10 yr | | | | 4,450,000 | | 4,450,000 |
| Total | Temporary Notes | 1,275,000 | 2,305,000 | 370,000 | -4,450,000 | | -500,000 |
| | Total | 1,275,000 | 2,305,000 | 370,000 | 0 | | 3,950,000 |

Budget Impact/Other

This phase of the project includes design in preparation for a 2023 BUILD grant application.