



City of Olathe

Legislation Details (With Text)

File #: G20-1442
Type: New Business-Public Works **Status:** Agenda Ready
File created: 2/4/2020 **In control:** City Council
On agenda: 3/17/2020 **Final action:** 3/17/2020
Title: Consideration of Resolution 20-1026 authorizing the 135th Street and Pflumm Road Geometric Improvements Project, PN 3-C-110-20.
Sponsors: Mary Jaeger, Beth Wright
Indexes:
Code sections:

Attachments: 1. A. Project Location Map, 2. B. Project Fact Sheet, 3. C. Resolution

Date	Ver.	Action By	Action	Result
3/17/2020	1	City Council	approved	Pass

DEPARTMENT: Public Works

STAFF CONTACT: Mary Jaeger / Beth Wright

SUBJECT: Authorization of the 135th Street and Pflumm Road Geometric Improvements Project, PN 3-C-110-20.

ITEM DESCRIPTION:

Consideration of Resolution 20-1026 authorizing the 135th Street and Pflumm Road Geometric Improvements Project, PN 3-C-110-20.

SUMMARY:

This project is needed to improve capacity, reduce delays and increase safety at the intersection. This project will include dual left turn lanes for all directions of traffic and right turn lanes for three of four directions; westbound traffic has an existing right turn lane. Additional improvements include filling gaps in the sidewalk along 135th Street which will improve safety and connectivity with California Trails Middle School. This is a joint project with the City of Overland Park that will be administered by the City of Olathe.

48 accidents occurred at this intersection between 2017 and 2019 resulting in a crash rate of 11.66 crashes per 10 million vehicles entering the intersection (10-12 is average). Average daily traffic volume at the intersection is 37,600 vehicles. The addition of the turn lanes will reduce intersection delay by approximately 14.8 hours per day, primarily in the PM peak hour (reduction of 4.6 hours for eastbound traffic and 8.2 hours for southbound traffic). Improved travel time and reduced congestion is consistently identified as a top priority in the Direction Finder's Survey.

The estimated cost for these improvements is \$3,870,000. This includes preliminary and final design, utility relocations, land acquisition, staff time, inspection and construction.

The project has been awarded federal Congestion Mitigation and Air Quality (CMAQ) program funds, through the Mid-America Regional Council's (MARC) competitive funding process, in the amount of

\$1,200,000 for construction of the project. CMAQ funds are only awarded to transportation projects that improve air quality. Overland Park will be responsible for 40% of the cost to design, administer and construct the project. Overland Park will be responsible for acquisition of land within their city limits for the project and the estimated cost to do so is not included in the proposed project budget.

This project is tentatively scheduled for design in 2020, land acquisition in 2020/2021, utility relocations in 2021, and construction in 2022.

FINANCIAL IMPACT:

Project funding for 135th Street and Pflumm Road Geometric Improvements Project includes:

Federal CMAQ Funds	\$1,200,000
Overland Park	\$ 844,000
<u>GO Bonds</u>	<u>\$1,826,000</u>
Total	\$3,870,000

ACTION NEEDED:

Approval of Resolution 20-1026 authorizing the 135th Street and Pflumm Road Geometric Improvements Project, PN 3-C-110-20.

ATTACHMENT(S):

- A. Project Location Map
- B. Project Fact Sheet
- C. Resolution