

AGENDA ITEM SUMMARY

City Council



STAFF

Dillon Willett, Project Manager
Dana Hornkohl, Capital Projects Manager

SUBJECT

Items Relating to the Mulberry Street Traffic Signal Synchronization Project.

EXECUTIVE SUMMARY

A. Resolution 2024-112 Authorizing the Execution of an Intergovernmental Agreement Between the City of Fort Collins and the Colorado Department of Transportation for the Mulberry Street Traffic Signal Synchronization Project.

B. First Reading of Ordinance No. 133, 2024, Making Supplemental Appropriations and Appropriating Prior Year Reserves and Authorizing Transfers of Appropriations for the Mulberry Street Traffic Signal Synchronization Project and Related Art in Public Places.

The purpose of this item is to enable the City to receive and expend federal Congestion Mitigation and Air Quality (“CMAQ”) Improvement Program funds and local funds for the Mulberry Street Traffic Signal Synchronization Project (the “Project”). The funds will be used to gather and evaluate data for existing conditions and install adaptive signal system equipment at appropriate intersections on East Mulberry Street between College Avenue and Greenfields Court. It is anticipated that the synchronization of traffic signals along this corridor will reduce congestion and improve air quality.

If approved, the item will: 1) authorize the Mayor to execute an intergovernmental agreement (“IGA”) for the Project with the Colorado Department of Transportation (“CDOT”); 2) appropriate \$440,000 of CMAQ grant funds for the Project; 3) appropriate matching funds from the Transportation Services Funds Reserves for the Project; and 4) appropriate funds to the Art in Public Places (APP) program.

STAFF RECOMMENDATION

Staff recommends adoption of the Resolution and Ordinance on First Reading.

BACKGROUND / DISCUSSION

The East Mulberry Street (State Highway 14) corridor between College Avenue (US 287) and Greenfields Court includes nine signalized intersections (College Avenue, Remington Street, Whedbee Street, Riverside Avenue, Lemay Avenue, Link Lane, Timberline Road, Summit View Drive, Greenfields Court) with daily traffic volumes that range from approximately 27,000 vehicles per day (“VPD”) to approximately 46,000 VPD as determined by the City of Fort Collins traffic count data. In 2021, Traffic Operations Department staff determined that synchronizing the traffic signals in this corridor would provide significant

benefits and applied to the North Front Range Metropolitan Planning Organization (“NFRMPO”) for CMAQ grant funds in that year’s call for projects. The application was successful, and the grant funds are now available.

The Project will gather and evaluate data for existing conditions and determine appropriate intersections to upgrade traffic signals with adaptive signal timing equipment. The new signal and system equipment will be purchased and installed to implement the synchronization plan. It is anticipated that synchronization of traffic signals along the Project corridor will have significant benefits by reducing traffic congestion at signalized intersections and throughout the corridor with the overall result of improving air quality.

CITY FINANCIAL IMPACTS

The following is a summary of the funding anticipated for design, procurement, and installation for the Mulberry Street Traffic Signal Synchronization Project.

Funds to be Appropriated per this Action	
Congestion Mitigation and Air Quality (CMAQ) Improvement Program Funds	\$ 440,000
Transportation Services Funds Reserves	\$ 93,144
Total Funds to be Appropriated per this Action	\$ 533,144
Transfer to Art in Public Places	\$ 922
Total Project Funds	\$ 532,222

The total fund amount projected for this Project is \$532,222 composed of funds appropriated with this action.

BOARD / COMMISSION / COMMITTEE RECOMMENDATION

This Project was identified in the 2024 work plan for the Traffic Operations Department.

PUBLIC OUTREACH

Staff will develop and implement a Public Engagement Plan for the Project in conjunction with the Communications & Public Involvement Office.

ATTACHMENTS

1. Resolution for Consideration
2. Exhibit A to Resolution
3. Ordinance for Consideration
4. Vicinity Map