

AGENDA ITEM SUMMARY

City Council



STAFF

Dillon Willett, Project Manager
Dana Hornkohl, Capital Projects Manager

SUBJECT

Items Relating to the Signal Upgrades Project.

EXECUTIVE SUMMARY

A. Resolution 2024-109 Authorizing the Execution of an Intergovernmental Agreement Between the City of Fort Collins and the Colorado Department of Transportation for the Signal Upgrades Project.

B. First Reading of Ordinance No. 130, 2024, Making Supplemental Appropriations of Prior Year Reserves and Highway Safety Improvement Program Grant Funds and Authorizing Transfers for the Signal Upgrades Project and Related Art in Public Places.

The purpose of this item is to enable the City to receive and expend federal Highway Safety Improvement Program (“HSIP”) funds and local funds for the Signal Upgrades Project (the “Project”). The funds will be used to enhance and upgrade traffic signals at up to thirty-one locations throughout the City. It is anticipated that the traffic signal upgrades will increase safety and reduce crashes and injuries at these locations.

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 \$606,410 of HSIP grant funds for the Project; 3) appropriate matching funds from the Transportation Services funds reserves, 4) move previously appropriated matching funds from the Transportation Services fund for the Project; and 5) 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

Traffic Operations staff identified ten intersections where there are frequent rear-end crashes on the approaches to the intersection. Staff proposed to install an additional primary signal head at each of these locations. In addition, staff proposed to install reflectorized borders and/or backplates to all signal faces at these locations. These practices have been proven to reduce rear-end crash rates and the severity of these crashes. In 2022, CDOT awarded the City an HSIP grant to perform the proposed work at these intersections (see attachment 4, Project Vicinity Map 1).

Traffic Operations staff identified twenty-one intersections on arterial roadways where there are frequent approach-turn crashes. Staff proposed to install Flashing Yellow Arrow (“FYA”) signal heads at these locations. This practice has been proven to reduce approach-turn crashes, particularly left-turn crashes. In 2023, CDOT awarded the City an HSIP grant to perform the proposed work at these intersections (see attachment 5, Project Vicinity Map 2).

CITY FINANCIAL IMPACTS

The following is a summary of the funding anticipated for design, procurement, and installation for the Signal Upgrades Project.

Funds to be Appropriated per this Action	
Highway Safety Improvement Program (HSP) Funds	\$ 606,410
Transportation Services Funds Reserves	\$ 39,278
Transportation Services Funds (previously appropriated)	\$ 28,775
Total Funds to be Appropriated per this Action	\$ 674,463
Transfer to Art in Public Places	\$ 674
Total Project Funds	\$ 673,789

The total fund amount projected for this Project is \$673,789 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 and Public Involvement Office.

ATTACHMENTS

1. Resolution for Consideration
2. Exhibit A to Resolution (Project Vicinity Maps 1 and 2)
3. Exhibit B to Resolution (IGA)
4. Ordinance for Consideration
5. Exhibit A to Ordinance (Project Vicinity Maps 1 and 2)