

# AGENDA ITEM SUMMARY

## FORT COLLINS CITY COUNCIL

**ITEM NUMBER:** 25

**DATE:** November 2, 1999

**STAFF:** Eric Bracke

**SUBJECT:** Second Reading of Ordinance No. 152, 1999, Appropriating Unanticipated Revenue and Prior Year Reserves in the Transportation Services Fund and Authorizing the Transfer of Appropriations from the Street Oversizing Fund to the Transportation Services Fund for the Analysis and Determination of Appropriate Intersection Improvements and the Construction of Improvements at the Intersection of State Highway 14 and Lemay Avenue.

### RECOMMENDATION:

Staff recommends adoption of the Ordinance on Second Reading.

### EXECUTIVE SUMMARY:

The City of Fort Collins successfully applied for Federal CMAQ funds for an Alternative Analysis of intersection improvements and the construction of those determined improvements at the intersection of SH14 and Lemay Avenue. The intersection is currently experiencing both delay and accident problems. Pedestrian connectivity is also an existing problem and this project will build a pedestrian bridge across the Poudre River and sidewalk along Mulberry to connect Lemay to Riverside. Approximately \$300,000 of the project is dedicated to these pedestrian improvements. The proposed Mulberry Lemay Crossing project (WalMart) will add considerable traffic to an existing problem. Although the Mulberry Lemay Crossing PUD will be financially responsible for improvements to the intersection based on its impacts, staff is also interested in investigating the design of a modern roundabout at this location. Ordinance No. 152, 1999, which was adopted on First Reading with a vote of 5-2 on October 19, 1999, appropriates unanticipated revenue and prior year reserves to fund these improvements.

# AGENDA ITEM SUMMARY

## FORT COLLINS CITY COUNCIL

**ITEM NUMBER:** 11 A-B

**DATE:** October 19, 1999

**STAFF:** Eric Bracke

### SUBJECT:

Items Relating to the Analysis and Construction of Intersection Improvements at the Intersection of State Highway 14 (Mulberry) and Lemay Avenue Utilizing Federal Congestion Mitigation and Air Quality (CMAQ) Funds.

### RECOMMENDATION:

**COPY**

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

### FINANCIAL IMPACT:

This Federal-Aid Project is for the total amount of \$1,375,721 of which \$1,090,000 is federal dollars and \$285,721 is local funds. The Colorado Department of Transportation will reimburse the federal portion of the project in the amount of \$1,090,000. The Lemay Crossing P.U.D. will also have financial responsibility for a portion of the project, however, that amount has not yet been determined. Matching funds will come from existing appropriations in the Street Oversizing Fund (\$205,721) and prior year reserves in the Transportation Services Fund (\$80,000).

### EXECUTIVE SUMMARY:

- A. Resolution 99-117 Authorizing the Mayor to Execute an Intergovernmental Agreement with the Colorado Department of Transportation Allocating \$1,375,721 for the Analysis and Determination of Appropriate Intersection Improvements and the Construction of Said Improvements at the Intersection of State Highway 14 and Lemay Avenue.
- B. First Reading of Ordinance No. 152, 1999, Appropriating Unanticipated Revenue and Prior Year Reserves in the Transportation Services Fund and Authorizing the Transfer of Appropriations from the Street Oversizing Fund to the Transportation Services Fund for the Analysis and Determination of Appropriate Intersection Improvements and the Construction of Improvements at the Intersection of State Highway 14 and Lemay Avenue.

The City of Fort Collins successfully applied for Federal CMAQ funds for an Alternative Analysis of intersection improvements and the construction of those determined improvements at the intersection of SH14 and Lemay Avenue. The intersection is currently experiencing both delay and accident problems. Pedestrian connectivity is also an existing problem and this project will build

a pedestrian bridge across the Poudre River and sidewalk along Mulberry to connect Lemay to Riverside. Approximately \$300,000 of the project is dedicated to these pedestrian improvements.

The proposed Mulberry Lemay Crossing project (WalMart) will add considerable traffic to an existing problem. Although the Mulberry Lemay Crossing PUD will be financially responsible for improvements to the intersection based on its impacts, staff is also interested in investigating the design of a modern roundabout at this location.

Any federal CMAQ funds not expended for this project will be used for other City projects that meet the CMAQ criteria.

The analyses will consider traditional improvements such as right turn lanes and double left turn lanes against a modern roundabout intersection. The evaluation criteria include the following:

- Level of service by movement and total
- Delay
- Accident rates
- Emissions
- Fuel consumption
- Safety (auto, bike, pedestrian)
- Aesthetics
- Costs (construction and long term maintenance)
- Driver Acceptance/ability to adapt to a new form of intersection
- Other Cities' experiences

A technical/engineering group has been put together to begin this evaluation process. Staff from Traffic Engineering, Engineering, Transportation Planning, Police Services, CDOT, and the WalMart Engineering consultants are included in this group. Citizen participation will also be developed in the upcoming weeks. The City has selected Balloffet & Associates along with Barry Crown to assist staff in this endeavor. Barry Crown is a renowned expert in modern roundabout design and will assist in that effort. The City will enter into contract with Balloffet following the execution of the Contracts between the City and CDOT.

It is the intent of staff to present to City Council and the Colorado Department of Transportation the pros and cons of both alternatives in early January, 2000. Final design and construction of the project should occur in the summer of 2000.