

# Request for City Council Committee Action From the Department of Public Works

Date: November 5, 2009

**To:** Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee

**Referral:** Honorable Paul Ostrow, Chair Ways & Means Committee

Subject: Franklin Avenue (CSAH 5)-East River Pkwy Intersection Study

Plan Concept Approval and Hennepin County and City of Minneapolis

**Agreement Amendment No.1** 

## Recommendation:

1. Approval of the Plan Concept for the intersection of Franklin Avenue S (CSAH 5) and East River Pkwy.

 Authorize proper city officials to amend agreement No A06-20-09 with Hennepin County to increase cost sharing participation by \$13,899.50 for the intersection of Franklin Avenue S (CSAH 5) and East River Pkwy study and preliminary design. (No additional appropriation is necessary; funding for the \$13,899.50 expenditure is available within the current CSAH budget in CPV804).

## **Previous Directives:**

 Resolution 2009R-266 Proper City officers be authorized to enter into an agreement with Hennepin County for cost participation in Professional Engineering Services Contract No 06-20-09 for Franklin Ave. S (CSAH 5) and E. River Pkwy Intersection Study and preliminary design. No additional appropriation is necessary; funding for the \$117,500 expenditure is available within the current CSAH budget in CPV804.

 July 11, 2008: Approval of Central Corridor – LRT: Memorandum of Understanding.

**Prepared by:** Meseret Wolana, Project Engineer 673-3527

Approved by:

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Steven A. Kotke, P.E., City Engineer, Director of Public Works

**Presenters:** Jim Grube, P.E. Director of Transportation and County Engineer

Meseret Wolana, P.E. Transportation Planning & Engineering

### **Reviews**

Permanent Review Committee (PRC):	Approval	NA	Date
Civil Rights Affirmative Action Plan	Approval	NA	Date
Policy Review Group (PRG):	Approval	NA	Date

# **Financial Impact**

Action is within current department budget

# **Community Impact**

Neighborhood Notification: Not Applicable

City Goals: A SAFE PLACE TO CALL HOME: the city's infrastructure will be well-

maintained, people will feel safe in the city. Comprehensive Plan: Not Applicable

Zoning Code: Not Applicable

# **Background/Supporting Information**

Franklin Avenue/27<sup>th</sup> Avenue is under the jurisdiction of Hennepin County as CSHA 5. East River Pkwy is under the jurisdiction of Minneapolis Park and Recreation Board. Franklin Avenue easterly of the intersection is under the jurisdiction of the City of Minneapolis. The operation of this 5-legged intersection has been a concern of all agencies due to the combination of vehicular traffic, both local and commuter, proximity to the U of M, and the high numbers of pedestrians and bicycles.

The Central Corridor Light Rail Transit line between Minneapolis and St. Paul, with the proposed Washington Avenue Pedestrian Mall and corresponding impacts to traffic patterns, believes this intersection may be adversely impacted; however, it is outside the Central Corridor Project budget.

## Intersection Study

Franklin Avenue (CSAH 5)-East River Pkwy Intersection Study includes evaluating alternative concepts:

- (1) Existing and future conditions under no-build scenario
- (2) Conventional signalized intersections (five-leg and four-leg)
- (3) Single-lane, multiple-lane, and hybrid roundabouts
- (4) Grade-separated pedestrian-bike trail options (tunnel & bridge)
- (5) Short term intersection modifications and traffic management strategies.

Hennepin County is taking the lead and the City of Minneapolis is cost sharing (50/50) in an intersection study and developing a preliminary design for improvements to the intersection of Franklin Avenue (CSAH 5) and East River Pkwy. The estimated cost to the city is \$131,399.50 which includes the proposed amendment No.1.

#### Plan Concept

The recommended plan concept is a Traffic Management Plan, which will improve the operation and safety of the intersection to better serve existing users (pedestrians, bikes and cars) in the short term. Features of the intersection plan include:

- Bike lanes over the Franklin Bridge and on 27<sup>th</sup> Avenue with "bike boxes" at the intersection
- Improved lane assignments, signing and signal locations for driver clarity better serving major traffic movements
- A state-of-the-art traffic signal system able to detect bikes and cars
- Shorter crosswalks where possible to decrease pedestrian exposure and crossing time.
- A shortened traffic signal cycle length to allow all users to be served more frequently.

Funding to implement the project needs to be identified and secure to enable construction in 2010 (a goal of the group). In addition, traffic safety, volumes, and delays will be monitored through 2015, and issues will be revisited with neighborhoods as needed.

# **Increase Cost Participation**

The increase in cost participation incurred due to additional data collection, and the need to 1) perform additional traffic forecast, 2) perform additional concept development, 3) perform additional traffic modeling, and 4) prepare additional exhibits for multiple additional operational scenarios during public and agency involvement. The total additional cost increase is \$27,799 which the city's 50% share is \$13,899.50.

Attachments: Existing and Traffic Management Plan Layout maps

Cc: Council Member Cam Gordon, Ward 2
Don Elwood, PE. Director TP & E
Greg Schroeder, PE, CIP Coordinator

Jim Grube, P.E. Director of Transportation and County Engineer

T&PW & W&M/Budget – Your Committee recommends approval of the Plan Concept for the intersection of Franklin Avenue S (CSAH 5) and East River Pkwy.

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