



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

Date: November 29, 2011

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

Referral: Honorable Betsy Hodges, Chair Ways & Means/Budget Committee

Subject: **Traffic Management Center and Traffic Signal Projects**

Recommendation:

Authorize proper city officers to negotiate and execute Agreement No. PW 46-20-11 with Hennepin County for an estimated amount of \$1,044,753 to fund a portion of the construction and implementation of these inter-related traffic signal infrastructure and traffic flow improvement projects.

Previous Directives:

- Resolution 2010R-599 2011 Public Works Transportation Capital Improvement Fund TR010 (Traffic Management Systems) and TR021 (Traffic Signals)
- Resolution 2009R-587 2010 Public Works Transportation Capital Improvement Fund TR010 (Traffic Management Systems)
- Resolution 2008R-544 2009 Public Works Transportation Capital Improvement Fund TR010 (Traffic Management Systems)

Prepared by: Dallas Hildebrand, P.E., Professional Engineer, 673-5615

Approved by:

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

Presenters: Nick Van Gunst, P.E., Traffic and Parking Services

Reviews Not Applicable

Financial Impact

None

Community Impact

Neighborhood Notification: Not Applicable

City Goals: An appropriately designed and well maintained City infrastructure will promote safe and efficient movement of our Police, Fire and Emergency units as well as the safe and efficient movement of our residents and traveling public.

Preserve and enhance our natural and historic environment and promote a clean, sustainable Minneapolis by preserving the ability to provide coordinated traffic flow thus continuing to reduce CO and hydrocarbon production.

Comprehensive Plan: Not applicable

Zoning Code: Not Applicable

Background/Supporting Information

Public Works, Traffic and Parking Services Division, has been working on several inter-related projects involving traffic signal infrastructure and traffic flow improvements which include:

- Replacement of the obsolete traffic signal controller/cabinet equipment at numerous signalized intersections;
- Improvements to the traffic management center at 300 Border Avenue N;
- Upgrade of the citywide traffic signal control system communication network; and the
- Development and implementation of citywide traffic signal timing changes.

The overall estimated cost of these projects is \$14,705,152 of which \$12,904,384 is for construction, and \$1,800,768 is engineering. The federal Intermodal Surface Transportation Efficiency Act (ISTEA) Congestion Mitigation Air Quality (CMAQ) funding grant will be applicable to eighty (80) percent of the construction cost of these projects (\$10,323,507). Hennepin County's share of the estimated cost of construction and engineering is \$1,044,753. City of Minneapolis Municipal State Aid funds and CIP bond funds have been identified to fund the remaining portion of the estimated costs (\$3,336,892). City funds for these projects are included in the 2009-2011 and the Mayor recommended 2012 Capital Improvement Appropriations for Traffic Signal, Signing, and Lighting Improvements (9010943 and 4100/943/9440 TR010 and TR021). These projects are expected to be completed in 2013 by city and contract forces.

Public Works is requesting proper city officers negotiate and execute Agreement No. PW 46-20-11 with Hennepin County for an estimated amount of \$1,044,753 to fund a portion of the construction and implementation of these inter-related traffic signal infrastructure and traffic flow improvement projects. The key contract provisions include:

- Estimated cost participation as noted above. Project bids and final costs will be obtained and final cost participation amounts will be determined. If needed, amendments to this agreement may be requested at a later date.
- County cost participation in the project is directly proportional to the number of County roadway legs in each of the impacted signalized intersections in the City.
- City staff will oversee the construction and administration of this project.