



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

Date: February 17, 2015

To: Honorable Kevin Reich, Chair Transportation & Public Works Committee

Referral to: Honorable John Quincy, Chair Ways & Means Committee

Subject: **35W South Tunnel Rehabilitation Cooperative Construction Agreement**

Recommendation:

Authorize the proper City Officials to execute Cooperative Construction Agreement No. 07484 with the Minnesota Department of Transportation for State Project No. 2783-138, 2782-328, and 2781-461.

Previous Directives:

June 13, 2014 - Resolution 2014R-263 Authorize the proper City Officials to execute Cooperative Construction Agreement No. 05797 with the Minnesota Department of Transportation for State Project No. 2782-334.

Prepared by: Kevin Danen, P.E., Surface Water and Sewers 673-5627

Approved by:

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

Presenters: Kevin Danen, P.E., Surface Water and Sewers 673-5627

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

Funding is within approved budget.

Community Impact

Neighborhood Notification: Not Applicable

City Goals: Great Places - Natural and built spaces work together and our environment is protected.

Background/Supporting Information

The 35W South stormwater tunnel was built in the early 1960's as part of the 35W highway construction project in Minneapolis. The unreinforced concrete tunnel is 24,540 feet long, ranges in size from 8 feet to 14 feet in diameter, and is located at a depth of 80 feet to 110 feet below the surface. The storm tunnel collects water from an area exceeding 3,100 acres in the City.

The tunnel was inspected in 2006 and again in 2012 and it was determined that due to the age of the tunnel and the defects found that the tunnel is in immediate need of rehabilitation. Without rehabilitation at this time, more urgent and costly repairs will need to be made to attain the needed structural integrity of the tunnel liner to prevent future failures.

Public Works is requesting that the proper City Officials be authorized to execute Cooperative Construction Agreement No. 07484 with the Minnesota Department of Transportation. The agreement will cover cost participation for I-35W South storm tunnel rehabilitation project (State Project No. 2782-334). The work for the project consists of tunnel rehabilitation upon and adjacent to Trunk Highway No. 35W from Lake Street E. to 13th Avenue S. (Engineer Tunnel Station 85+00.00 to 180+00.00) and adjacent to Trunk Highway No. 94 from Willow St. to Portland Avenue (Engineer Tunnel Station 0+00.00 to Engineer Tunnel Station 40+00.00).

Following is the City funding participation based on the Schedule "I" Engineers Estimate.

Source	Storm
Schedule "I" Engineers Estimate	\$2,177,108.00

The funding for the project will be 2013R-573 (07300-9010932-SW1411) Storm Drains & Tunnel Rehabilitation Program.

The Minnesota Department of Transportation has secured \$7,000,000.00 in bonds and \$850,500.00 in State funds for the project.

This project is scheduled for the winter construction seasons (approximately November through March) of 2015-2016, 2016-2017, and 2017-2018.

cc: Council Member Alondra Cano
Council Member Abdi Warsame
Council Member Elizabeth Glidden