



**Request for City Council Committee Action
From the Departments of Public Works and Procurement**

Date: October 25, 2011
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Subject: **10th Avenue Storm Tunnel Phase I – Amendment #2 to Contract with PCI Roads LLC**

Recommendation:

Authorize proper city officers to execute Amendment #2 to Contract #C-28738 (OP #7376) with PCi Roads LLC for construction change orders #12-17 due to site conditions that differed from those that were originally anticipated at time of bid. This amendment increases the contract by \$295,861.10 to a new estimated total contract value of \$4,387,392.91. Funding is available from Fund 07300-9010932-SW011, Storm Drains and Tunnels Rehabilitation Program.

Previous Directives:

- January 28, 2011: Authorized acceptance of the low responsive bid on OP #7376 of PCI Roads LLC in the amount of \$3,887,404 to furnish materials and labor for completing the reconstruction of the 10th Avenue SE Storm Tunnel outlet and approximately 500' of the tunnel near the outlet, as well as an enlarging the work access shaft located near the intersection of E. Hennepin Avenue and 12th Avenue SE.
- July 22, 2011: Amendment #1 to Contract #C-28738 (OP #7376) with PCI Roads LLC for construction change orders #1-7. The amendment increased the contract by \$204,127.81 to an estimated new total contract value of \$4,091,531.81.

Prepared by: Joe Klejwa, P.E., Engineer, PW Surface Water and Sewers 673-5608

Approved by:

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

Presenter: Joe Klejwa, P.E. Engineer, PW Surface Water and Sewers 673-5608

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: No additional appropriation is necessary.

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:

Due to unanticipated geologic conditions at the 12th Ave SE and E. Hennepin location, excavation for the construction of a large access shaft has been hindered by large boulders and excessive groundwater. For this reason, specialized excavation equipment and groundwater control methods were implemented.

Other unanticipated costs are due to modifications of the tunnel and shaft, as well as some additional costs due to the extended contract period.

Amendment #2 covers change orders that were necessary to implement for the reconstruction of approximately 500' of the 10th Avenue SE Storm Tunnel and Outlet, as well as the access shaft modifications at E. Hennepin Avenue and 12th Avenue SE.

A summary of the change orders are as follows:

Change Order #12: (\$12,000.00) credit to the City for substitution of precast reinforced-concrete-pipe segment substitution in lieu of cast-in-place concrete section per plan.

Change Order #13: \$209,127.10 charge for the construction of concrete secant pile walls to control soil and groundwater flow around shaft excavation.

Change Order #14: Agreement on weather-event related costs

Change Order #15: \$6,000.00 charge for waterproof membrane over a portion of the concrete tunnel liner.

Change Order # 16: \$72, 234.00 charge for modifications to cast-in-place tunnel wye

Change Order #17: \$20, 500.00 charge for addition of work-shaft utility duct pipes.

CC: Bishow Dhungana, Finance
David Schlueter, Purchasing