



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

Date: September 25, 2012

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

Subject: **Contract Amendment #1 with Veit & Company for Riverside Ave Construction Phase 2**

Recommendation:

Authorize the proper City officers to amend Contract No. C-35414 with Veit and Company, Inc. by \$415,413.89 from the current contract amount of \$1,395,447.85 to a revised contract amount of \$1,810,861.74. The construction contingency, provided as part of the original project budget, is adequate to cover this increase. No additional appropriation is necessary.

Previous Directives:

- March 8, 2012: City Council and Mayor granted approval of bids for OP# 7570, low bid of Veit and Companies, Inc. in the amount of \$1,395,447.85
- March 8, 2012: Council Resolution 2012R-128 ordered Riverside Ave Phase 2 Reconstruction project to proceed and adopt the special assessments
- March 8, 2012: Council Resolution 2012R-129 requested Board of Estimate and Taxation to issue and sell City of Minneapolis bonds for the Riverside Ave Phase 2 Reconstruction project
- March 8, 2012: Council Resolution 2012R-130 ordered Riverside Ave Phase 2 Street Lighting Project to proceed and adopt the special assessments.
- March 8, 2012: Council Resolution 2012R-131 requested Board of Estimate and Taxation to issue and sell City of Minneapolis bonds for the Riverside Ave Phase 2 Street Lighting Project
- March 8, 2012: Council Resolution 2012R-132 ordered the City Engineer to abandon and remove all areaways located in the street right of way that are in conflict with the Riverside Phase 2 Reconstruction and Street Lighting Projects
- March 8, 2012: Council Resolution 2012 R-133 directed the City Engineer to establish rush hour parking restrictions on Riverside Ave between Cedar and 23rd Ave S in conjunction with the Riverside Ave Phase 2 Reconstruction and Street Lighting Projects
- January 27, 2012: Council action designating the location and streets to be improved in the Riverside Ave Reconstruction Phase 2 Project No. 6746 and the Riverside Ave Lighting Phase 2 Project No 6746.
- July 22, 2011: Council action authorizing the proper City officers to negotiate and enter into agreements for permanent and temporary easements.
- May 27, 2011: Council Resolution 2011R-280 Ordering Riverside Ave Street Lighting Phase 1 Project to proceed and adopting special assessments.
- May 13, 2011: Council Resolution 2011R-238 Ordering Riverside Ave Phase 1 Reconstruction Project to proceed and adopting special assessments.
- May 13, 2011: Council Resolution 2011R-239 requesting Board of Estimate and Taxation to issue and sell City of Minneapolis bonds.

- April 15, 2011: Council Resolution 2011R-181 designating the location and streets to be improved in the Riverside Ave Lighting Phase I Project No 6746.
- April 1, 2011: Council Resolution 2011R-142 designating the location and streets to be improved in the Riverside Ave Reconstruction Phase I Project No 6746.
- January 14, 2011: Council Resolution 2011R-013 Holding Harmless the State of Minnesota from a variance from the parking lane width requirements.
- December 10, 2010: Council action approving the layout for Riverside Ave between Cedar Ave and Franklin Ave.
- November 5, 2010: Council Resolution 2010R-534 directing the City Engineer to proceed with a variance request from the parking lane width requirements.

Prepared by: Larry Matsumoto, P.E., Transportation Maintenance and Repair, 612-919-1148

Approved by:

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

Presenters: Michael D. Kennedy, P.E., Director of Transportation Maintenance and Repair

Reviews:	Permanent Review Committee (PRC):	Not Applicable
	Civil Rights Approval	Approval on 02/28/12
	Policy Review Group (PRG):	Not Applicable

Financial Impact:

No financial impact.

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:

This project involves the reconstruction of Riverside Ave (from Cedar Ave S to 23rd Ave S). Riverside Ave is a Municipal State Aid Roadway and is in the City’s 2012 Capital Improvement Program. The purpose of the project is to construct new roadways and sidewalks to meet the current and future transportation and land use needs.

On March 8, 2012, the City Council and Mayor awarded the bid for the Riverside Ave Phase 2 Construction Project to Veit and Company, Inc. for the amount of \$1,395,447.85. Construction on the roadway began on April 3, 2012, and the roadway completion is anticipated in November 2012, with final completion in Spring 2013.

Additional Work and Change Orders – Earthwork and Removals

During excavation and grading, additional unsuitable and contaminated soils were discovered, necessitating additional soil corrections to construct the new roadway. The additional soil corrections were completed at contract unit prices, totaling \$132,183.37, and the contaminated soils were hauled and disposed of at a negotiated unit price for a total cost of \$116,552.42.

Water was used for dust suppression during the removals of this project. Due to dry weather, additional water was required. This additional water was paid at contract unit prices for an increased cost of \$2,442.00

This resulted in a total cost increase of \$251,177.79 for Earthwork and Removals.

Additional Work and Change Orders – Traffic

During the removal of traffic signal and light foundations and conduit, more asbestos was found than anticipated. The price for this work included both the foundation and asbestos removal and disposal. Most of this work was completed at contract unit prices due to increased quantities, while the light foundation removal was completed at a negotiated unit price. Additionally, signal control cabinets found on the project required removal; this was determined to be extra work by the Engineer and was completed at a negotiated unit price. The cost of this work totaled \$16,731.00.

Additional Work and Change Orders – Storm Sewer

During underground storm sewer work there was a conflict between existing utilities and the proposed storm sewer structures. The Engineer determined that in order to complete the storm sewer work it was necessary to change certain storm sewer structures and sewer pipes. Also, additional structures were found underneath the roadway surface that required removal and bulkheading. Payment for this work was completed at both contract and negotiated unit prices. The total cost of this work is \$63,256.60.

Additional Work and Change Orders – Storm Water Best Management Practices (BMPs)

As part of this project, three storm water BMPs were installed to improve water quality. There is a storm water plaza with a retaining wall and pond located at Riverside and 8th St S, and there are two storm water infiltration trenches installed along Riverside. One trench is located under the sidewalk on the north side of Riverside between 20th and 21st Ave S, and the other is found in the boulevard on the south side of Riverside between 21st and 22nd Ave S.

During construction of the storm water plaza a buried fiber optic line was encountered. The fiber optic line's elevation was unknown prior to construction, and it was in conflict with the retaining wall footing and the pipe discharging to the pond. This necessary re-design of the footing required more rebar and concrete, and changes to the pipe. The additional construction costs of the re-designed wall and changes to the pipe were paid at negotiated unit prices, totaling \$10,755.25.

Unsuitable soils were encountered when the infiltration trenches were excavated. The Engineer determined that geotextile should be placed surrounding both trenches, and piezometers should be installed to monitor the water elevations. The geotextile and the piezometers were paid at negotiated unit prices and totaled \$5,340.00.

This resulted in a total cost increase of \$16,095.25 for the installation of the Storm Water BMPs.

Additional Work and Change Orders – Water

During the cleaning and lining of the water main, additional access holes were required to complete this work. This work required additional excavations and the installation of additional water main and fittings. This work was completed at contract unit prices for a total cost of \$68,153.25.

Therefore, the current contract amount with Veit and Companies, Inc., of \$1,395,447.85 shall be increased by \$415,413.89 to a revised contract amount of \$1,810,861.74. The overall project construction contingency provided as part of the project is sufficient to accommodate these additional costs; therefore, no adjustments to the project appropriation are required at this time.

CC: David Schlueter - Procurement
Michael D Kennedy - Public Works
Larry Matsumoto – Public Works
Chris Engelman - Public Works

William Schroeder - Finance