

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
AUGUST 16, 2011 AGENDA

Subject:	Type:	Submitted By:
CONTRACT AWARD – BRIDGE JOINT REPAIRS-PHASE 2 HARRISON ST. BRIDGE	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER/ASSISTANT PUBLIC WORKS DIRECTOR

SYNOPSIS

A resolution has been prepared to award a contract to Chas. Vrana & Son Construction Co., Omaha, Nebraska for repair of bridge deck joints on the Harrison Street Bridge over Eastport Parkway in an amount not to exceed \$89,070.00.

FISCAL IMPACT

The Fiscal Year 2010/2011 Capital Improvement Program provides funds for the proposed improvements.

RECOMMENDATION

Approval

BACKGROUND

In November of 2010 the expansion joint covers and portions of the concrete anchoring the covers on this bridge were replaced under a contract with Chas. Vrana & Son Construction Co., the low bidder. The bid also included an alternate for removal and replacement of pavement slabs beyond each end of the bridge approaches to provide additional expansion joint capacity in the pavement abutting the bridge. Since this alternate exceeded the estimated project cost, the alternate work was not included in the contract.

This bridge, which is 478 feet long, has continued to experience expansion related problems which have been accelerated by the hot weather we experienced in June and July this year. Field examinations were conducted after some concrete distress at the southeast corner of the bridge deck was observed. The concrete bridge deck was tight against the east abutment wall and within a $\frac{1}{4}$ -inch of the west abutment wall when temperatures were in the mid-90's. Additionally, the pavement beyond each end of the bridge is expanding in the heat and pushing against the abutment walls from the opposite sides of the bridge deck. In order to relieve these forces, it has become necessary to provide additional expansion space by cutting off each end of the bridge deck about $1\frac{1}{2}$ -inches as well as remove and reset the expansion joint covers. This portion of the work is in addition to the removal and replacement of the pavement slabs that were part of Alternate No. 1. The cutting of the bridge deck has been reviewed and recommended by structural engineers at Thompson, Dreessen, & Dorner, Inc.

In the last week of July slots were cut in the existing pavement to relieve pressure from the pavement expansion against the bridge. These slots are temporary measures and will be repaired by the pavement removal and replacement work being proposed.

Due to Vrana's familiarity with this project and the fact that a portion of the additional repair work was included as an alternate with their original low bid, it is recommended that a contract be executed with Chas. Vrana & Son Construction Co. to complete the necessary repairs. This work needs to be completed before winter so that expansion joint covers do not become dislodged and present a safety hazard during winter snow removal operations.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, AWARDING A CONTRACT TO CHAS. VRANA & SON CONSTRUCTION CO., OMAHA NEBRASKA FOR PHASE 2 REPAIR OF BRIDGE DECK JOINTS ON THE HARRISON STREET BRIDGE OVER EASTPORT PARKWAY IN AN AMOUNT NOT TO EXCEED \$89,070.00

WHEREAS, the City Council of the City of La Vista has determined that additional repair of bridge deck joints on the Harrison Street Bridge over Eastport Parkway is necessary; and

WHEREAS, the FY 2010/11 Capital Fund provides funds for the project; and

WHEREAS, Chas. Vrana & Son Construction Co. included this repair work as a alternate with their original low qualified bid in November 2010, and

WHEREAS Subsection (C) (9) of Section 31.23 of the La Vista Municipal Code requires that the City Administrator secures Council approval prior to authorizing any purchase over \$5,000.00.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of La Vista, Nebraska award the contract to Chas. Vrana & Son Construction Co., Omaha Nebraska as the low qualified bid for Phase 2 repair of bridge deck joints on the Harrison Street Bridge over Eastport Parkway in an amount not to exceed \$89,070.00

PASSED AND APPROVED THIS 16TH DAY OF AUGUST, 2011.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, CMC
City Clerk