



# **City of Grand Island**

**Tuesday, February 24, 2015**

**Council Session**

## **Item G-13**

**#2015-52 - Approving Agreement with Olsson Associates for  
Construction Engineering Services for Capital Avenue Widening –  
Webb Road to Broadwell Avenue**

**Staff Contact: John Collins, P.E. - Public Works Director**

# **Council Agenda Memo**

**From:** Terry Brown PE, Assistant Public Works Director

**Meeting:** February 24, 2015

**Subject:** Approving Agreement with Olsson Associates for Construction Engineering Services for Capital Avenue Widening – Webb Road to Broadwell Avenue

**Item #'s:** G-13

**Presenter(s):** John Collins PE, Public Works Director

## **Background**

All agreements must be approved by the City Council.

The Capital Avenue – Webb Road to Broadwell Avenue widening project will consist of removal of the existing 24' wide asphalt roadway and construction of new concrete pavement on Capital Avenue from Webb Road through Broadwell Avenue. The new roadway will consist of five lane curbed concrete pavement. Other improvements include construction of sidewalks and a concrete hike/bike trail, updated street lighting, and construction of new storm sewer. A pedestrian signal will be constructed approximately 1000' east of Webb Road to provide for safe crossing for users of the hike/bike trail.

This project will be coordinated with the North Interceptor Sanitary Sewer project.

This project will receive federal funding through the Surface Transportation Program (STP), which has typically been applied on an 80/20 basis. However, due to changes brought about by the new federal highway bill, the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the NDOR's Federal Fund Purchase Program beginning in March 2016, federal funding for this project has been capped. Reference is made to Resolution 2013-141 approved by City Council on May 14, 2013.

Total project costs are now estimated to be \$10,118,895.63. Subtracting the federal capped funds of \$6,527,328.00 the local funding necessary to complete this project is estimated at \$3,591,567.63. This project will have a 35.5% local funding and a 64.5% federal funding. Breakdown of estimated costs are as follows:

Preliminary Engineering	\$533,217.28
Northwestern Energy	\$620,268.00
CenturyLink	\$272,389.00
Grand Island Utilities	\$725,000.0
Right-of-Way Acquisition	\$278,606.00
Construction	\$7,086,573.25
Construction Engineering	\$602,842.10
<b><i>Total Estimated Project Costs</i></b>	<b><i>\$10,118,895.63</i></b>

\$10,118,895.63 (*Total Estimated Project Costs*)

- \$ 6,527,328.00 (*Federal Funds Cap*)

\$ 3,591,567.63 (*Local Funding*)

### **Discussion**

The City of Grand Island solicited the Request for Proposals for Engineering Consulting Services related to the Capital Avenue Widening Project; Webb Road to Broadwell Avenue, which also included Construction Engineering Services.

Olsson Associates was selected to perform Construction Engineering Services based on qualifications detailed in the firm's on-call proposal to NDOR for these services, their experience with Federal Aid Transportation projects, and their familiarity with the Capital Avenue Widening project design and specifications. Public Works Engineering Division staff conducted negotiations to determine the appropriate scope and fee to satisfy FHWA and NDOR requirements and to ensure quality construction inspection and project management.

The amount of hours calculated in the services for Construction Inspection and Material Sampling and Testing are considered appropriate; it is vital that observation and testing occur during all critical operations, such as concrete pavement placement. In order to coordinate construction activity with other Public Works and Utility Department projects, and to ensure sufficient notification to Emergency Services, Schools and impacted residents and businesses, and to facilitate timely completion of work, Olsson Associate's project management staff will be required to conduct weekly on-site progress meetings.

Olsson Associates will be paid a fixed-fee-for-profit of \$69,440.92 and up to a maximum amount of \$533,401.18 for actual costs in accordance with Exhibit "A", with a total amount of \$602,842.10.

Due to heavy project workload in this upcoming construction season, City staff will participate to a limited extent in construction oversight and project management tasks.

The tentative start date for construction is June 1, 2015. The project is expected to be completed June 1, 2016.

### **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

### **Recommendation**

City Administration recommends that the Council approves the agreement with Olsson Associates to perform construction engineering services for the Capital Avenue Widening Project; Webb Road to Broadwell Avenue.

### **Sample Motion**

Move to approve the resolution.



# CAPITAL AVENUE RECONSTRUCTION





RESOLUTION 2015-52

WHEREAS, the City of Grand Island is developing a transportation project for which it intends to obtain Federal funds; and

WHEREAS, the City of Grand Island as a sub-recipient of Federal-Aid funding is charged with the responsibility of expending said funds in accordance with Federal, State and local laws, rules, regulations, policies and guidelines applicable to the funding of the Federal-aid project; and

WHEREAS, the City of Grand Island and Olsson Associates wish to enter into a Professional Construction Engineering Services Agreement to provide construction engineering services for the Federal-aid project; and

WHEREAS, Olsson Associates will be paid a fixed-fee-for-profit of \$69,440.92 and up to a maximum amount of \$533,401.18 for actual costs in accordance with Exhibit "A", with a total amount of \$602,842.10.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor is hereby authorized and directed to sign the attached Construction Engineering Services Agreement between the City of Grand Island and Olsson Associates of Grand Island, Nebraska.

NDOR Project No.: URB-5436(5)  
NDOR Control No.: 42707  
NDOR Project Description: Capital Avenue, Webb Rd – Broadwell Ave

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Adopted by the City Council of the City of Grand Island, Nebraska, February 24, 2105.

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Jeremy L. Jensen, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
February 20, 2015	☐ City Attorney