

**CITY COUNCIL AGENDA ITEM**  
CITY OF SHORELINE, WASHINGTON

<b>AGENDA TITLE:</b>	Motion to Authorize the City Manager to execute a contract with Watson Asphalt Paving Co., Inc. in the amount of \$580,447.50 for construction of the 2014 Pavement Repair Project
<b>DEPARTMENT:</b>	Public Works
<b>PRESENTED BY:</b>	Tricia Juhnke, City Engineer
<b>ACTION:</b>	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

**PROBLEM/ISSUE STATEMENT:**

The purpose of this report is to request the City Council to authorize the City Manager to execute a contract with Watson Asphalt Paving Co., Inc. in the amount of \$580,447.50 for construction services needed to complete the 2014 Pavement Repair Project.

**RESOURCE/FINANCIAL IMPACT:**

The City Council has authorized \$1,500,000 in the 2014 CIP Budget for the Annual Road Surface Maintenance Program. Within the Road Surface Maintenance Program, \$609,000 is allocated for construction of pavement repairs. The 2014 Pavement Repair Project was separated into four schedules and the low bid amount for all four schedules is \$671,670.00.

The low bid exceeds the budget by \$62,670.00. As a result, staff recommends award of three of the four schedules to keep the project within budget. Schedule C was dropped from the recommended award because it is the lowest cost schedule. By awarding Schedules A, B and D, the amount of paving repairs are maximized for the available budget.

**RECOMMENDATION**

Staff recommends that Council move to authorize the City Manager to execute a contract with Watson Asphalt Paving Co., Inc. in the amount of \$580,447.50 for construction of Schedules A, B and D of the 2014 Pavement Repair Project.

Approved By:            City Manager **DT**    City Attorney **JA-T**

## **INTRODUCTION**

This project will address pavement repairs on streets planned for future Bituminous Asphalt Surface Treatment (BST). The select streets have areas where the structural condition of the street is poor and must be repaired prior to completing a BST. The work will include grinding the asphalt down to a depth where the structural condition is stable, then repaving the street. While the depth of grinding is expected to be between two to four inches, in some cases, the roadway section may need to be removed down to the subgrade material.

## **BACKGROUND**

Pavement conditions vary within different areas of a roadway. Travel patterns, traffic volume and exposure to weather are some factors that cause areas of the roadway to deteriorate at different rates. While BST is a surface treatment that will extend the life of a roadway, it provides limited structural value once the roadway surface begins to fail. Areas in need of structural repair should be completed prior to the BST for the treatment to be most effective.

The City's Streets Maintenance Crew has inspected the streets planned for BST in 2015, and have identified the areas where structural repair is necessary. In some cases, the areas identified for repair covered a majority of the street and as a result, those streets will receive a full width overlay. A full width overlay is more efficient for large areas and will not require going back the following year to apply a BST.

## **DISCUSSION**

Eight streets have been identified for repair and are grouped into four bid schedules as follows:

### **Schedule A (overlay)**

- 6<sup>th</sup> Avenue NW from NW 175<sup>th</sup> Street to NW 180<sup>th</sup> Street
- NW 175<sup>th</sup> Street from 6<sup>th</sup> Avenue NW to Saint Luke's Place N
- Dayton Avenue N from N 165<sup>th</sup> Street to N 172<sup>nd</sup> Street

### **Schedule B (patching)**

- 3<sup>rd</sup> Avenue NW from N 175<sup>th</sup> Street to Carlyle Hall Road NW
- Carlyle Hall Road NW from 3<sup>rd</sup> Avenue NW to N 165<sup>th</sup> Street
- Greenwood Avenue N from NW Innis Arden Way to North Greenwood Drive

### **Schedule C (patching)**

- 1<sup>st</sup> Avenue NE from N 145<sup>th</sup> Street to N 155<sup>th</sup> Street

### **Schedule D (patching)**

- 25<sup>th</sup> Avenue NE from NE 145<sup>th</sup> Street to NE 153<sup>rd</sup> Street

Attachment A to this staff report provides a map of the select streets.

Staff first advertised for bids on August 26, 2014 and on September 9, 2014 five bids were received. Watson Asphalt Paving Co., Inc. provided the low bid in the amount of \$671,670.00. Watson's bid break down per schedule is as follows:

Schedule A (overlay)	\$366,735.00
Schedule B (patching)	\$106,620.00
Schedule C (patching)	\$91,222.50
Schedule D (patching)	<u>\$107,092.50</u>
Total	\$671,670.00

As the total bid amount exceeds the project budget for construction, staff recommends award of Schedules A, B and D, in the amount of \$580,447.50, to maximize the amount of pavement repairs and keep the contract cost within budget.

**COUNCIL GOAL(S) ADDRESSED**

The 2014 Pavement Repair Project addresses Goal 2, Improve Shoreline's utility, transportation, and environmental infrastructure.

**RESOURCE/FINANCIAL IMPACT**

**EXPENDITURES**

<b>2014 Pavement Repair Contract (this contract)</b>	<b>\$580,447.50</b>
2014 Pavement Repair Project (Project administration and design cost)	\$57,000.00
Pavement Management & Asset Inventory (Consultant fee)	\$127,003.68
BST Project (Project administration and construction costs)	\$670,000.00
Adjusted Road Surface Maintenance Contingency	\$65,548.82
<b>Total Project Cost</b>	<b>\$1,500,000.00</b>

**REVENUE**

Roads Capital Fund (Road Surface Maintenance)	\$1,500,000.00
<b>Total Revenue</b>	<b>\$1,500,000.00</b>
Program Balance (Revenue - Expenditures)	\$0

**RECOMMENDATION**

Staff recommends that Council move to authorize the City Manager to execute a contract with Watson Asphalt Paving Co., Inc. in the amount of \$580,447.50 for construction of Schedules A, B and D of the 2014 Pavement Repair Project.

**ATTACHMENTS**

Attachment A: 2014 Pavement Repair Project Vicinity Map

