



Meeting Date: May 15, 2017

Report No. CC-17-80

Agenda Item No.

Purpose: Approve Task Order 30, Signal Timing 2017 Signal Timing Optimization of Intersections along Hall of Fame Avenue and Duck Street

Budget Impact: The Transportation Fee Fund has an available balance of \$128,870. This project is expected to cost \$40,390.

Prior Council Action or Part of an Approved Project: No

Recommendation: Staff recommends approval of Task Order 30 with Olsson Associates Inc. under the Transportation Master Service Agreement to pursue the described scope.

Prepared by: Sharla Lovern, Interim Transportation Director

Submitted by: Norman McNickle, City Manager

Attachments: Signal Timing 2017 Task Order #30 and Fee Proposal Details for Task Order 30

Background Information: Previous work with Olsson & Associates for Task Order 11 accomplished improved traffic signal timing along Main Street from 6th to Lakeview and along Hall of Fame from Washington to Perkins. This proposal is to accomplish a similar goal for Duck from Main/Eskridge to 6th and Hall of Fame from Western to Washington (tying into previous work along Hall of Fame).

The goal of signal optimization is to maximize arterial (mainline) progression while minimizing intersection delays. Obtaining the proper balance is an iterative task; using the traffic signal software, modeling software, and field observation reports. Olsson will work closely with Operations Department traffic signal staff to obtain the best solutions for the citizens and improve traffic flow with associated reduction of travel time.

The coordinated intersections for this proposal are the following:

Hall of Fame and Western Road
Hall of Fame and Willis Street
Hall of Fame and Walnut Street

Duck and Main/Eskridge
Duck and McElroy
Duck and Hall of Fame
Duck and Miller
Duck and Elm
Duck and 3rd Street
Duck and 6th Street