

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works / Transportation and Development Division/ Programming

DATE: August 22, 2017

REQUESTED ACTION: Approve the attached Notice to Contractors for the Hazel Dell Avenue Adaptive Traffic Signals Project, County Road Project No. 371522.

Consent Hearing County Manager

PUBLIC WORKS GOALS:

- Provide a safe, efficient transportation system
- Support a vibrant system of parks and natural areas while preserving the environment
- Continue responsible stewardship of public funds
- Increase partnerships and foster an engaged, informed community
- Empower a skilled, responsive workforce
- Make Public Works a great place to work

BACKGROUND

This project will add Adaptive Signal technology to traffic signals on NE 78th Street and NE Highway 99, making the signals more responsive to traffic in an effort to reduce accidents in areas where severe or fatal accidents have occurred. Adaptive technology is used at signalized intersections. Real-time traffic data is used to determine appropriate cycle lengths for green lights and reduce wait times. This technology also helps decrease overall travel times by coordinating travel from one signalized intersection to another and throughout corridors. It reduces congestion and prolongs the life of the roadway system by providing a higher level of service to motorists. Locations were selected based on cost/benefit criteria of the grant funding for this project.

The construction documents are complete. Board approval of the attached Notice to Contractors is needed to authorize bid advertisement of this project.

Please contact Michael Derleth, Capital Program Specialist, at extension 5794 with any questions.

COUNCIL POLICY IMPLICATIONS

None. This project supports the Council's policy of investing in the county road system by providing safe and efficient transportation systems for all county residents.

ADMINISTRATIVE POLICY IMPLICATIONS

None. The project is included in the 2017-2022 Transportation Improvement Program (TIP), 2017 Annual Construction Program (Item #20) and 2017-2018 budget.

COMMUNITY OUTREACH

Outreach for the 2017-2022 Transportation Improvement Program included two work sessions, a hearing with the BOCC and presentations to Clark County Planning Commission, Development and Engineering Advisory Board and Clark County Finance Committee, as well as neighborhood outreach and information on the county website. A SEPA review was also included in the Capital Facilities Plan approval process.

Pw17-093

BUDGET IMPLICATIONS

YES	NO	
✓		Action falls within existing budget capacity.
	✓	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	✓	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

BUDGET DETAILS

Local Fund Dollar Amount	\$0
Grant Fund Dollar Amount	\$816,000
Account	County Road Fund
Company Name	N/A

DISTRIBUTION:

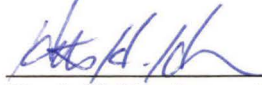
Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>

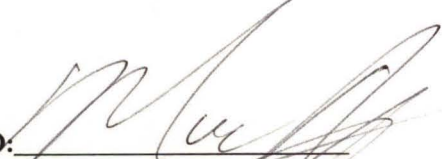
Please return one originally signed resolution and staff report to Department of Public Works Transportation Programming, attention Michael Derleth.

Attachments:

- Resolution (2 copies)
- Notice to Contractors
- Vicinity Map


 Carolyn Henges, PE
 Transportation and Development Division Manager


 Heath H. Henderson, PE
 Public Works Director/County Engineer


APPROVED:
 CLARK COUNTY, WASHINGTON
 BOARD OF COUNTY COUNCILORS
 DATE: Aug. 23, 2017
 SR# SR 178-17



APPROVED: _____
 Jim Rumpeltes, Interim County Manager

DATE: _____

BEFORE THE BOARD OF COUNTY COUNCILORS OF CLARK COUNTY, WASHINGTON

in the matter of initiating a county road project designated as **CRP NO. 371522**

IT IS HEREBY RESOLVED THAT **Hazel Dell Avenue Adaptive Traffic Signals Project**

lying along NE Highway 99 between NE Minnehha Street and NE 96th Way State Road Log No. 91110 from Milepoint 3.16 to Milepoint 4.83; and NE 78th Street between NW 9th Avenue and NE Padden Parkway, State Road Log No. 91300 from Milepoint 3.31 to Milepoint 6.27, will be improved as follows:

This project will add Adaptive Signal technology to traffic signals on NE 78th Street and NE Highway 99, making the signals more responsive to traffic in an effort to reduce accidents in areas where severe or fatal accidents have occurred. Locations were selected based on cost/benefit criteria of the grant funding for this project.

The construction documents are complete. Board approval of the attached Notice to Contractors is needed to authorize bid advertisement of this project

IT IS FURTHER RESOLVED that an appropriation from the officially adopted road fund budget, and based on the County Engineer's estimate, is hereby made in the amounts and for the purposes shown:

	Road Fund	State Grants	Federal Grants	TOTAL	Budget Year	
					2017	2018
Construction	\$0	\$0	\$816,000	\$816,000	\$816,000	\$0
TOTAL	\$0	\$0	\$816,000	\$816,000	\$816,000	\$0

- This project is included in the officially adopted Annual Construction Program #20.
- The project is hereby made a part of the officially adopted Annual Road Program in accordance with RCW 36.81.130, BY SIGNATURE OF ALL BOARD MEMBERS.

IT IS FURTHER RESOLVED THAT:

- The construction is to be accomplished by contract in accordance with RCW 36.77.020 et. seq.
- The construction is to be accomplished by County forces in accordance with RCW 36.77.060 and WAC 136-18.

ADOPTED this 22nd day of Aug., 2017.
 ATTEST:

Rebecca Jiton
 Clerk of the Board

BOARD OF COUNTY COUNCILORS
 CLARK COUNTY, WASHINGTON

Marc Boldt
 Marc Boldt, Chair

 Jeanne E. Stewart, Councilor

 Julie Olson, Councilor

 John Blom, Councilor

 Eileen Quiring, Councilor





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CLARK COUNTY
WASHINGTON

PUBLIC WORKS

NOTICE TO CONTRACTORS

PAGE 1 OF 2

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by Clark County, Washington until **1:50 P.M.** on **September 12, 2017** for: **CRP No. 371522, Hazel Dell Avenue Adaptive Traffic Signals Project**

Sealed bids shall be delivered to the office of Clark County Purchasing, Public Service Center, 1300 Franklin Street, Suite 650, Vancouver, Washington 98660 (or P.O. Box 5000, Vancouver, WA 98666-5000). Bids delivered to locations other than as indicated above or received after the time indicated above will not be accepted. Bids will be publicly opened and read aloud at 2:00 P.M., or as soon thereafter as possible, on the same day in the Hearing Room of the Board of County Councilors, 6th Floor of the Public Service Center.

Description of work: Upgrade existing signals by installing new signal heads (flashing yellow arrow) and traffic data cameras.

Primary bid items: Traffic Signal Systems; Traffic Control

Bid documents can be viewed, downloaded, or purchased on the Builders Exchange of Washington (BXWA) website www.bxwa.com (Posted Projects, Public Works, Clark County and Projects Bidding). Bidders are encouraged to "Register as a Bidder" in order to receive automatic email notification of future addenda and to be placed on the Bidders List. Electronic and paper copies of bid documents are not available from Clark County.

It is the sole responsibility of the Bidder to obtain Addenda, if any. Such information may be obtained from the Builders Exchange of Washington (BXWA) web site, www.bxwa.com (Posted Projects, Public Works, Clark County and Projects Bidding). Clark County accepts no responsibility or liability and will provide no accommodation to bidders who fail to check for addenda and submit inadequate or incomplete bids.

Questions and requests for clarification must be submitted using the electronic "CRP Inquiry Submittal Form" located on the County website, <https://www.clark.wa.gov/general-services/public-works-roads-parks-clean-water-projects>. Responses will be posted on the project's "Bid Inquiry Log".

All bids must be submitted on the forms provided in the bid documents. Bids must be submitted in a sealed envelope with the Bidder's company name, project title, project number, bid opening date, and "SEALED BID" clearly marked on the outside of the envelope. Bids submitted by FAX or email will not be accepted.

Each bid proposal must be accompanied by a bid deposit in the form of a certified check, cashier's check, or proposal bond in an amount of at least five percent (5%) of the total bid. Should the successful bidder fail to enter into a contract and furnish a satisfactory contract bond, the bid deposit shall be forfeited to Clark County.

Hazel Dell Avenue Adaptive Traffic Signals
CRP No. 371522



**NOTICE TO CONTRACTORS
PAGE 2 OF 2**

The Clark County Department of Public Works, in accordance with Title VI of the Civil Rights Act 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, non-discrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

The County reserves the right to waive informalities in the bidding, reject any or all bids, or cancel the bid if the best interests of Clark County are not served.

DATED this 25th day of July, 2017.



Priscilla Ricci, Senior Buyer

THE COLUMBIAN
DAILY JOURNAL OF COMMERCE:

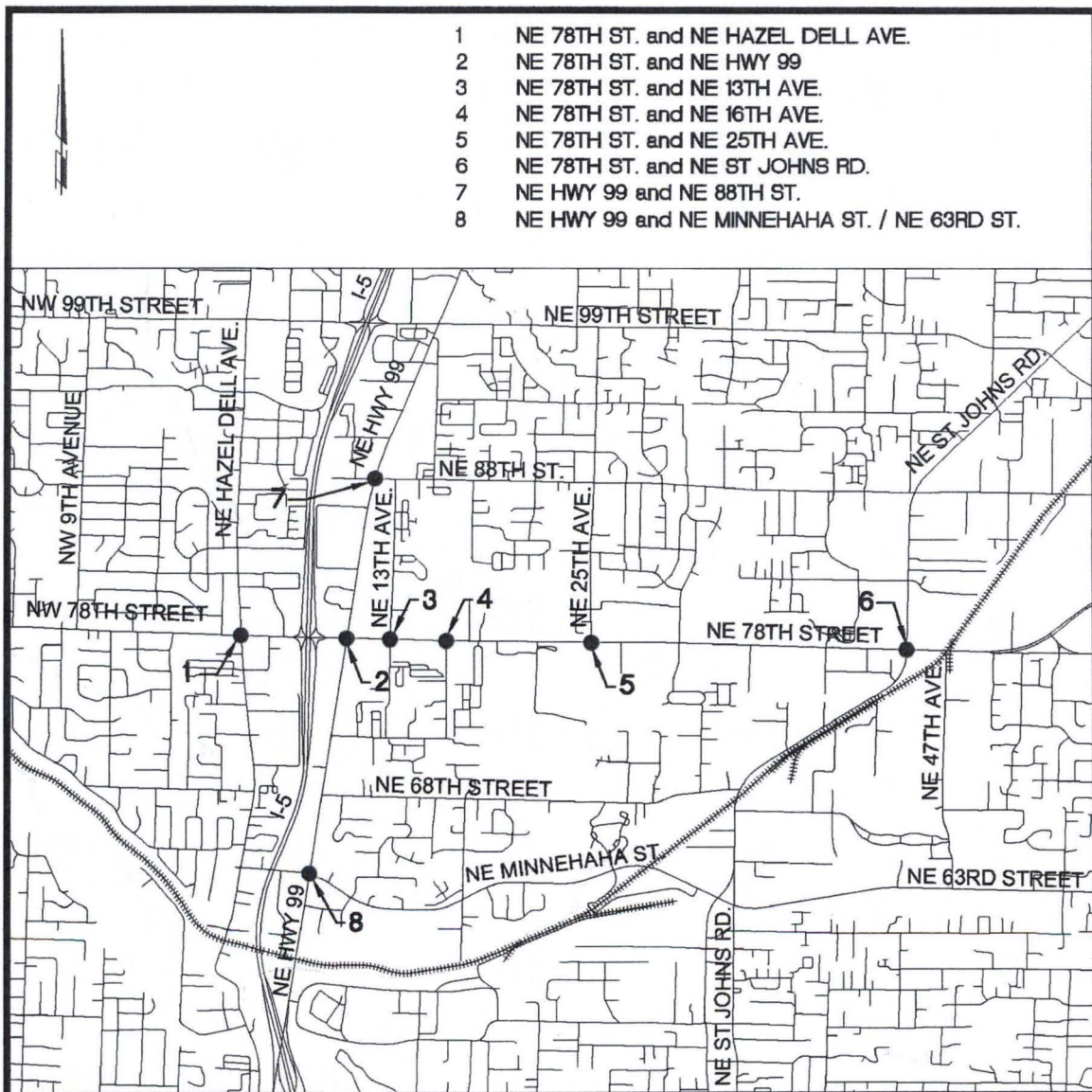
PLEASE PUBLISH: **August 23, 30 & September 6, 2017**



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CLARK COUNTY
WASHINGTON

Department of Public Works
Engineering & Construction Division
Hazel Dell Avenue Adaptive Traffic Signals Project
371522



Vicinity Map