

John
4/12

**CLARK COUNTY
STAFF REPORT**

DEPARTMENT/DIVISION: Department of Public Works/Transportation Program

DATE: May 28, 2013

SPECIFIC REQUEST: Establishment of County Road Project (CRP) No. 312422 NE Highway 99 Traffic Signal Optimization Project and CRP No. 312622 NE 78th Street Traffic Signal Optimization Project and approval of the Notice to Contractors to advertise for a combined bid.

CHECK ONE: X Consent _____ Chief Administrative Officer

PUBLIC WORKS GOALS:

- Provide safe and efficient transportation systems within Clark County
- Continue responsible stewardship of public funds
- Promote family-wage job creation and economic development to support a thriving community
- Maintain a desirable quality of life
- Improve environmental stewardship and protection of natural resources
- Increase partnerships and foster an engaged, informed community
- Make Public Works a great place to work

BACKGROUND:

The NE 78th Street Traffic Signal Optimization Project will improve 9 traffic signals. Improvements include new or modified traffic signal controller equipment allowing coordinated signal operation, permanent vehicle count stations, Ethernet communication via fiber optic, radio and/or copper interconnect, and pan-tilt-zoom camera installations along sections of NE 78th Street between NE Hazel Dell Avenue and NE St. Johns Road.

The Highway 99 Traffic Signal Optimization (TSO) Project will improve 12 traffic signals. Improvements include new or modified traffic signal controller equipment, permanent count stations, Ethernet communication via fiber optic, radio and/or copper interconnect, and pan-tilt-zoom camera installations along sections of NE Highway 99 and NE 78th Street. Ethernet communication via fiber optic, radio or other communications capabilities will be added on NE Ross Road (between Mill Plain Blvd. and NE 78th Street). Additional improvements also include ADA ramp installation or upgrades at key intersections along the Highway 99 corridor.

The construction documents are complete and we are ready to advertise the contract for bids. The advertisement is contained in the attached "Notice to Contractors".

COMMUNITY OUTREACH:

This project is included in the adopted 2013-2018 Transportation Improvement Program (TIP). The TIP development undergoes a wide array of public input processes, including public hearings, open house meetings, and an internet web site.

BUDGET AND POLICY IMPLICATIONS:

There are no budget or policy implications associated with this request. The 2013 Annual Construction Program includes these projects (item Number 8 & 11).

PW 13-050



FISCAL IMPACTS:

Yes (see Fiscal Impacts Attachment)

No

ACTION REQUESTED:

It is requested that the Board of County Commissioners sign both copies of the attached resolution for CRP # 312422 and # 312622. It is also requested that the Chair approve the attached "Notice to Contractors" to advertise the construction contract for bids. In addition, please include the bid opening in the Board's public hearing scheduled for **2:00 p.m., Tuesday June 18, 2013.**

DISTRIBUTION:

Please retain one (1) signed copy of the CRP resolution for the Board's records and return one (1) originally-signed duplicate to the Department of Public Works Transportation Programming, attention Michael Derleth. In addition, please provide this department with a copy of the approved Staff Report and the "Notice to Contractors", indicating the Board's action.



William Wright, P.E.
Transportation Programming Manager

APPROVED: May 28, 2013
CLARK COUNTY, WASHINGTON
BOARD OF COMMISSIONERS



Peter Capell, P.E.
Public Works Director/County Engineer

SR 099-13

c: Bill Wright, Michael Derleth, Gary Albrecht, PW Records, Scott Fakler

Attachments: Fiscal Impact Statement
Resolution (2)
Notice to Contractors
Vicinity Map

PW 13-050

FISCAL IMPACT ATTACHMENT

Part I: Narrative Explanation

I.A - Explanation of what the request does that has fiscal impact and the assumptions for developing revenue and costing information.

The Highway 99 Traffic Signal Optimization (TSO) Project will improve 12 traffic signals. Improvements include new or modified traffic signal controller equipment, permanent count stations, Ethernet communication via fiber optic, radio and/or copper interconnect, and pan-tilt-zoom camera installations along sections of NE Highway 99 and NE 78th Street. Ethernet communication via fiber optic, radio or other communications capabilities will be added on NE Ross Road (between Mill Plain Blvd. and NE 78th Street). Additional improvements also include ADA ramp installation or upgrades at key intersections along the Highway 99 corridor. The total cost for this project is estimated at \$2,090,000.

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These projects are programmed in the 2013-2018 Transportation Improvement Program (TIP) and 2013 Annual Construction Program (Item 8 & 11).

The revenues and expenses for this project are currently included in the Road Fund 2013/2014 budget.

Part II: Estimated Revenues

Fund #/Title	Current Biennium		Next Biennium		Second Biennium	
	Road Fund	Total	Road Fund	Total	Road Fund	Total
1012 Road Fund	\$3,351,000	\$3,351,000				
Total:	\$3,351,000	\$3,351,000				

II.A - Describe the type of revenue (grant, fees, etc.)

Federal CMAQ Grant Funds = \$1,904,000
 County Road Fund/1012 = \$1,447,000

Part III: Estimated Expenditures

III.A - Expenditures summed up

Fund #/Title	FTE's	Current Biennium		Next Biennium		Second Biennium	
		Road Fund	Total	Road Fund	Total	Road Fund	Total
1012 Road Fund		\$3,351,000	\$3,351,000				
Total:		\$3,351,000	\$3,351,000				

III.B - Expenditure by object category

Fund #/Title	Current Biennium		Next Biennium		Second Biennium	
	Road Fund	Total	Road Fund	Total	Road Fund	Total
Salary/Benefits	\$335,000	\$335,000				
Consultant						
Supplies						
Travel						
Other controllable						
Capital Outlays	\$3,016,000	\$3,016,000				
Inter-fund Transfers						
Debt Service						
Total:	\$3,351,000	\$3,351,000				

SP

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF CLARK COUNTY, WASHINGTON
 in the matter of initiating a county road project designated as CRP NO. 312422 & CRP No. 312622

IT IS HEREBY RESOLVED THAT NE Highway 99 TSO and NE 78th Street TSO

FROM NE Hazel Dell Avenue and NE St. Johns Road and Mill Plain Blvd.

State Road Log No. various locations FROM various locations to be improved as follows:

The NE 78th Street Traffic Signal Optimization Project will improve 9 traffic signals. Improvements include new or modified traffic signal controller equipment allowing coordinated signal operation, permanent vehicle count stations, Ethernet communication via fiber optic, radio and/or copper interconnect, and pan-tilt-zoom camera installations along sections of NE 78th Street between NE Hazel Dell Avenue and NE St. Johns Road.

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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:

	Federal Funds	Road Funds	TOTAL	Budget Year	
				2013	2014
Construction	\$1,904,000	\$1,447,000	\$3,351,000	\$1,675,000	\$1,675,000
TOTAL	\$1,904,000	\$1,447,000	\$3,351,000	\$1,676,000	\$1,675,000

(Check appropriate box)

This project is included in the officially adopted 2013 Annual Construction Program, as Item No. 8 & 11.

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 28th day of May, 2013.
 ATTEST:

Rebecca Linton
 Clerk of the Board

BOARD OF COUNTY COMMISSIONERS
 CLARK COUNTY, WASHINGTON

Steve Stuart
 Steve Stuart, Chair

 Tom Mielke, Commissioner

 David Madore, Commissioner

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				2013	2014
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 CLARK COUNTY, WASHINGTON

Steve Stuart
 Steve Stuart, Chair

 Tom Mielke, Commissioner

 David Madore, Commissioner





proud past, promising future

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 until **1:50 P.M. on Tuesday, June 18, 2013**, by the Clark County Board of County Commissioners through the General Services Purchasing Department, 1300 Franklin Street, Suite 650, Vancouver, Washington 98660, for the **NE Highway 99 Traffic Signal Optimization & VAST: NE 78th Street Traffic Signal Optimization, CRP No's. 312422 & 312622**; and other work; then publicly opened and read aloud at the Commissioners' Hearing Room, 6th Floor of the Public Service Center, 1300 Franklin Street, Vancouver, Washington 98660, at 2:00 P.M. on **Tuesday, June 18, 2013**, or as soon thereafter as the matter may be heard.

This Contract provides for the improvement of twelve (12) traffic signal systems in the vicinity of Highway 99, between NE Ross Street and NE 117th Street, NW 78th Street / NW 9th Ave and NE 63rd Street / Hazel Dell Avenue, and for the improvement of nine (9) traffic signal systems along NE 78th Street, between Hazel Dell Avenue and St. Johns Road, by updating and installing signal systems and CCTV systems. In addition, the Highway 99 project includes ADA upgrades at NE 63rd Street / Highway 99, NE 78th Street / Highway 99 and NE 99th Street / Highway 99. All work is in accordance with the Contract Plans, the Contract Provision, and the Standard Specifications.

AND OTHER RELATED WORK/CONTRACT ITEMS

Plans, specifications, addenda, bid documents, bidders list and plan holder list for this project are available online for inspection during the bidding period through the Builders Exchange of Washington (BXWA) website www.bxwa.com (Posted Projects, Public Works, Clark County and Projects Bidding). These are available for viewing, downloading and printing on your own equipment free of charge. This service is provided free of charge to Prime Bidders, Subcontractors, and Vendors bidding on this project. 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.

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 responses.

Paper copies of plans, specifications, addenda, bid documents, bidders list and plan holder list for this project are not available.

All questions regarding this project must be submitted on the electronic "CRP Inquiry Submittal Form" located on the County's Internet Page (<http://www.clark.wa.gov/general-services/purchasing/crp.html>). In the event a bidder cannot access the County's Website, a FAX copy of the form can be obtained from and returned to the County's Construction Management Office (FAX 360-397-6087).

NE Highway 99 TSO & VAST: NE 78th St TSO
Roadway Improvement Project
Federal Aid Project No. CM-0099(116), CM-4392(015)
CRP No's. 312422 & 312622

**NOTICE TO CONTRACTORS
PAGE 2 OF 2**

Answers to bid questions will be posted on the project's "Bid Inquiry Log", also located on the County's Internet page, which will be updated twice daily, at noon and 6:00 PM. The questions and answers posted on the Bid Inquiry Log will not identify who asked the question, nor will that information be provided otherwise. It is considered exempt from Freedom of Information requirements. The last Bid Inquiry log update prior to bid opening will be 6:00 PM the day before the bid opening, and will display all questions and answers to the questions that have accumulated by the posting time. Questions asked after this time will not be addressed. Questions too late to be answered as of that posting will remain unanswered and will not be included in the log.

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 insure 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.

All bids shall be delivered to the attention of the Clark County Purchasing, P.O. Box 5000, Vancouver, Washington 98666-5000 or 1300 Franklin Street, Suite 650. Bids shall be placed in a sealed envelope, marked "Sealed Bid", which clearly states the name of the bidder, the project number, the project title, the date of the bid opening, and appropriate wording to indicate definitely the nature of the contents. Do not send bids by FAX or email. Bids submitted by FAX or email will not be accepted.

A bid proposal deposit, made in the form of a certified check, cashier's check, or surety bond in an amount equal to five percent (5%) of the amount of the bid proposal, shall accompany all bid proposals. Should the successful bidder fail to enter into such contract and furnish satisfactory performance bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Clark County Road Fund.

The right is reserved by the Clark County Board of County Commissioners to waive informalities in the bidding, accept a proposal of the lowest responsible bidder, reject any or all bids, republish the call for bids, revise or cancel the work, or require the work to be done in another way if the best interest of the Contracting Agency is served.

DATED this 16th day of May, 2013.



Michael Westerman, Purchasing Manager

THE COLUMBIAN
PORTLAND DAILY JOURNAL OF COMMERCE:

PLEASE PUBLISH: May 29, June 5 & 12, 2013

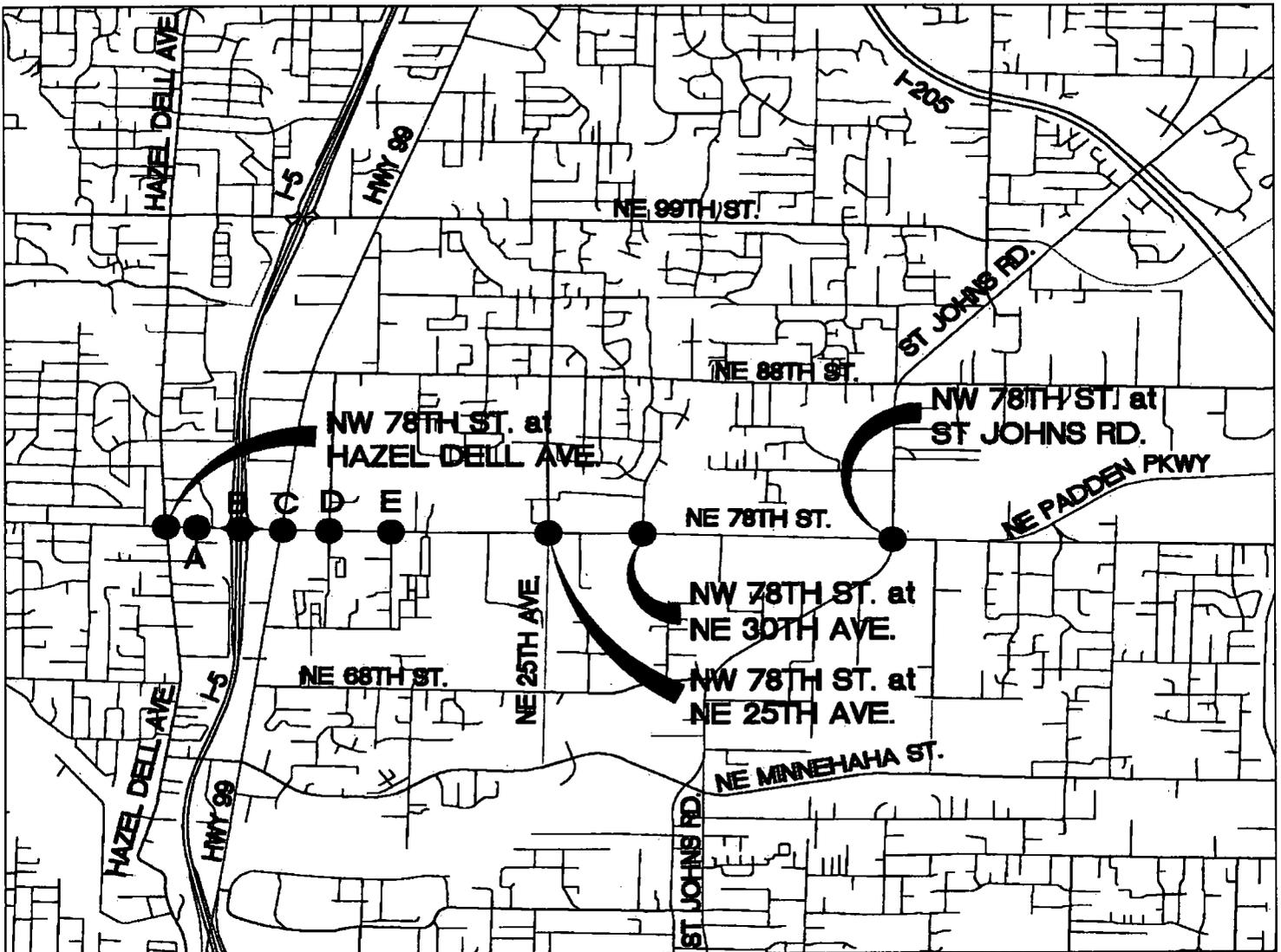
NE Highway 99 TSO & VAST: NE 78th St TSO
Roadway Improvement Project
Federal Aid Project No. CM-0099(116), CM-4392(015)
CRP No's. 312422 & 312622

CLARK COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS
ENGINEERING & CONSTRUCTION DIVISION

VAST: NE 78th Street TSO

CRP No. 312622



- A NW 78TH ST. at NE 5TH AVE.
- B NW 78TH ST. at INTERSTATE 5
- C NW 78TH ST. at HWY 99

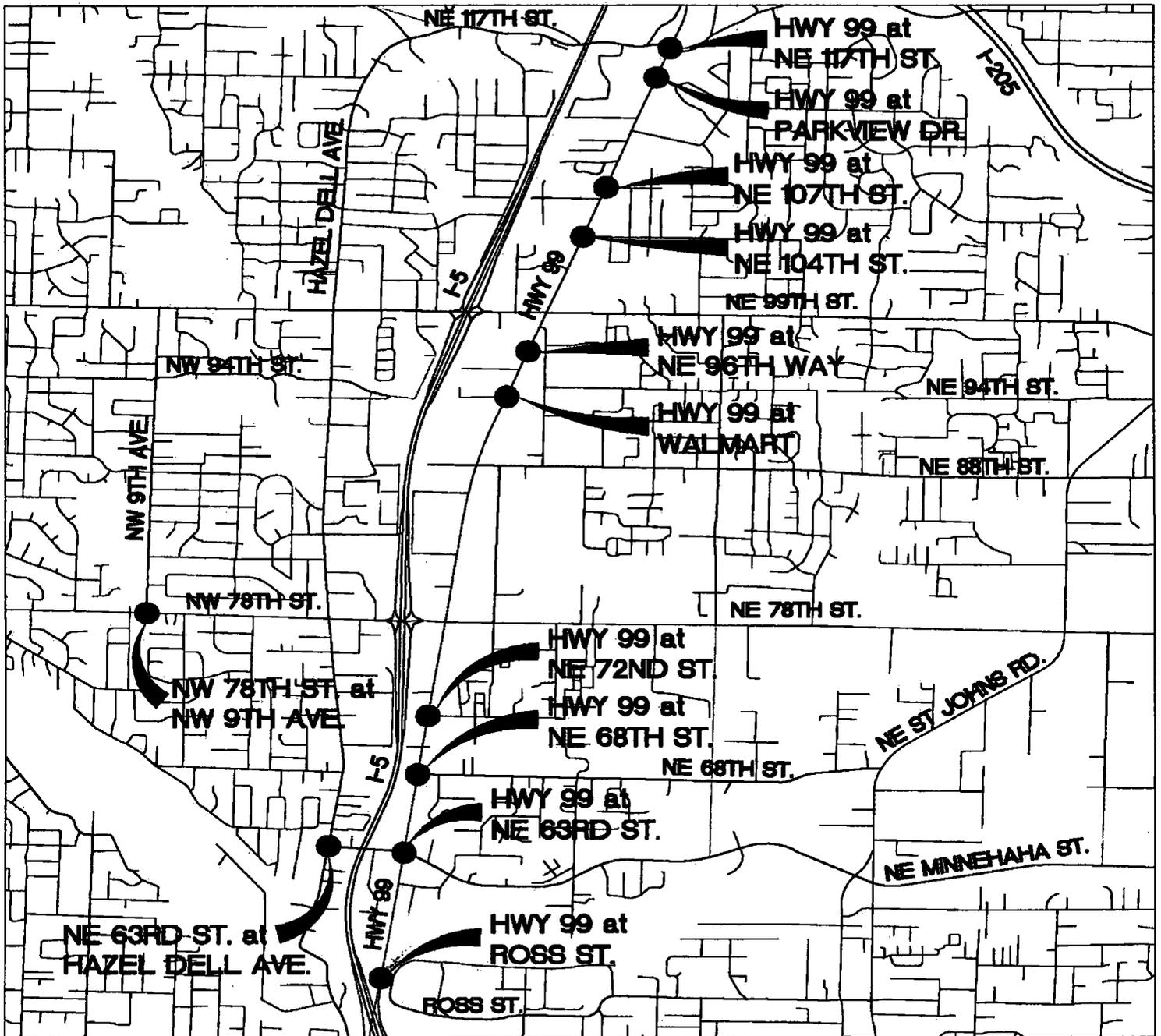
- D NW 78TH ST. at NE 13TH AVE.
- E NW 78TH ST. at NE 16TH AVE.

CLARK COUNTY WASHINGTON

DEPARTMENT OF PUBLIC WORKS
ENGINEERING & CONSTRUCTION DIVISION

NE HWY 99 TSO

CRP No. 312422



Vicinity Map