

CLARK COUNTY STAFF REPORT



DEPARTMENT: Public Works / Transportation and Asset Division / Programming

DATE: July 21, 2015

REQUESTED ACTION: Establish County Road Project #332822: VAST: Orchards Traffic Signal Optimization, NE 55th Avenue to NE Ward Road, and approve the attached Notice to Contractors to advertise the construction contract for bids.

SR Number:

FOR APPROVAL BY: X BOCC COUNTY MANAGER HEARING

PUBLIC WORKS GOALS:

- Provide safe and efficient transportation systems in Clark County
- Create and maintain a vibrant system of parks, trails and green spaces
- Continue responsible stewardship of public funds
- Promote family-wage job creation and economic development to support a thriving community
- Maintain a healthy, desirable quality of life
- Increase partnerships and foster an engaged, informed community
- Cultivate a nimble, responsive work force
- Make Public Works a great place to work

BACKGROUND

This joint project with WSDOT will modernize, upgrade and interconnect more than 30 traffic signals in the Orchards area of unincorporated Clark County along the following corridors:

- Padden Parkway (NE 78th Street to NE 94th Avenue)
- NE 94th Avenue/NE Covington Road (Padden Parkway to NE Fourth Plain Blvd.)
- NE 76th Street (NE Covington Road and NE Ward Road)
- NE Ward Road (NE Fourth Plain Blvd. to NE 99th Street)
- NE 162nd Avenue (NE Fourth Plain Blvd. to NE Ward Road)
- NE 137th Avenue (NE 76th Street to NE 99th Street)
- NE 99th Street (SR-503 to NE Ward Road)
- NE 119th Street (NE 112th Avenue and NE 152nd Avenue)

New signal cabinets will be installed and obsolete controller hardware will be replaced. Traffic detection will be upgraded. Battery backup and cameras will be added at key locations. Signals will be interconnected for synchronized operation, and operational data will be transmitted to the county's central traffic operations center for remote monitoring and control.

ADMINISTRATIVE POLICY IMPLICATIONS

This project is included in the 2015-2020 Transportation Improvement Program, 2015 Annual Construction Program and adopted 2015-2016 budget.

COUNCIL POLICY IMPLICATIONS

None

PREVIOUS REVIEWS AND ACTIONS

This project is included in the 2015-2020 Transportation Improvement Program and 2015 Annual Construction Program (item #4), which was adopted by the Board of County Councilors on November 18, 2014.

COMMUNITY OUTREACH

Development of the Transportation Improvement Program includes a wide array of public input opportunities including public hearings and information on the county website.

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PW15-059

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	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.

DISTRIBUTION OF BOARD STAFF REPORTS:

Distribution of staff reports is made via the Grid. <http://www.clark.wa.gov/thegrid/>
Copies are available by close of business on the Thursday after council deliberations.

DISTRIBUTION OF COUNTY MANAGER STAFF REPORTS:

Public Works Administration – Anita Temme

PUBLIC WORKS APPROVALS:


Carolyn Heniges, P.E.
Transportation & Asset Management Division Manager



Heath H. Henderson, P.E.
Public Works Director/County Engineer

Attachments:

- Notice to Contractors, Resolution (2), Vicinity Map.

CC: Susan Wilson, Troy Pierce, Michael Derleth, Project files.

APPROVED: 
CLARK COUNTY, WASHINGTON
BOARD OF COUNTY COUNCILORS

DATE: July 21, 2015

SR #: SR 150-15

PW15-059

COUNTY MANAGER ACTION\RECOMMENDATION

By: Mark McCauley

Date:

SR Number:

REQUESTED ACTION:

Establish County Road Project #332822: VAST: Orchards Traffic Signal Optimization, and approve the attached Notice to Contractors to advertise the construction contract for bids.

COUNTY MANAGER RECOMMENDATION:

Action	Conditions	Referral to council?
Approval denial	Enter conditions or requests here	Yes No



Mark McCauley
Acting County Manager

DISTRIBUTION
Public Works Administration – Anita Temme

PW15-059

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF CLARK COUNTY, WASHINGTON

in the matter of initiating a county road project designated as CRP NO. 332822

IT IS HEREBY RESOLVED THAT VAST: Orchards Traffic Signal Optimization

FROM NE 55th Avenue TO NE Ward Road

State Road Log No. various from Milepost various to Milepost various be improved as follows:

This joint project with WSDOT will modernize, upgrade and interconnect more than 30 traffic signals in the Orchards area of Clark County along the following corridors:

- Padden Parkway (NE 78th Street to NE 94th Avenue)
- NE 94th Avenue/NE Covington Road (Padden Parkway to NE Fourth Plain Blvd.)
- NE 76th Street (NE Covington Road and NE Ward Road)
- NE Ward Road (NE Fourth Plain Blvd. to NE 99th Street)
- NE 162nd Avenue (NE Fourth Plain Blvd. to NE Ward Road)
- NE 137th Avenue (NE 76th Street to NE 99th Street)
- NE 99th Street (SR-503 to NE Ward Road)
- NE 119th Street (NE 112th Avenue and NE 152nd Avenue)

For the safety of construction workers and the traveling public, Clark County may temporarily close travel lanes during signal upgrades. This project is hereby declared to be a public necessity, and the County Engineer is hereby ordered and authorized to report and proceed thereon as provided by law.

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	County Road Funds	TOTAL	Budget Year	
				2015	2016
Construction	\$3,200,000	\$1,367,350	\$4,567,350	\$2,000,000	\$2,567,350
TOTAL	\$3,200,000	\$1,367,350	\$4,567,350	\$2,000,000	\$2,567,350

- This project is included in the officially adopted Annual Construction Program, project #4.
- 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 21st day of July, 2015.

ATTEST:

Rebecca J. Feltner
Clerk of the Board

BOARD OF COUNTY COUNCILORS
CLARK COUNTY, WASHINGTON

David Madore
David Madore, Chair

Tom Mielke, Councilor

Jeanne E. Stewart, Councilor

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF CLARK COUNTY, WASHINGTON
 in the matter of initiating a county road project designated as **CRP NO.** 332822

IT IS HEREBY RESOLVED THAT **VAST: Orchards Traffic Signal Optimization**
 FROM NE 55th Avenue TO NE Ward Road
 State Road Log No. various from Milepost various to Milepost various be improved as follows:

This joint project with WSDOT will modernize, upgrade and interconnect more than 30 traffic signals in the Orchards area of Clark County along the following corridors:

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- NE 94th Avenue/NE Covington Road (Padden Parkway to NE Fourth Plain Blvd.)
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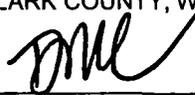
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ADOPTED this 21st day of July, 2015.
 ATTEST:

 Clerk of the Board

BOARD OF COUNTY COUNCILORS
 CLARK COUNTY, WASHINGTON

 David Madore, Chair

 Tom Mielke, Councilor

 Jeanne E. Stewart, 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 until **1:50 P.M.** on **Tuesday, Aug. 11th, 2015** by the Clark County Board of County Councilors through the General Services Purchasing Department, 1300 Franklin Street, Suite 650, Vancouver, Washington 98660, for the **Orchards Traffic Signal Optimization, CRP No. 332822**; 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, Aug. 11th, 2015**, or as soon thereafter as the matter may be heard.

Description of work: Improve traffic signal systems at various locations in the Orchards area of Clark County, between NE 55th Avenue and NE Ward Road, by installing signal hardware, video cameras, count stations, signs and interconnection (using both new and existing conduit and fiber) and upgrading and repairing traffic detection.

Primary bid items: Traffic Signal System; Traffic Signal Fiber Optic Communication System; Traffic Control

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).

VAST - Orchards Traffic Signal Optimization
Roadway Improvement Project
Federal Aid Project No. CM-9906(040)
CRP No. 332822

1300 Franklin Street • P.O. Box 9810 • Vancouver, WA 98666-9810 • tel: [360] 397-6118 • fax: [360] 397-6051 • www.clark.wa.gov



**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 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.

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 Councilors 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 June, 2015.

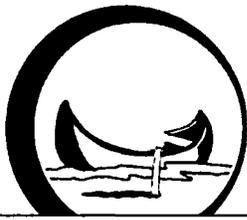


Michael Westerman, Purchasing Manager

THE REFLECTOR
DAILY JOURNAL OF COMMERCE:

PLEASE PUBLISH: 7/22, 7/29 and 8/5

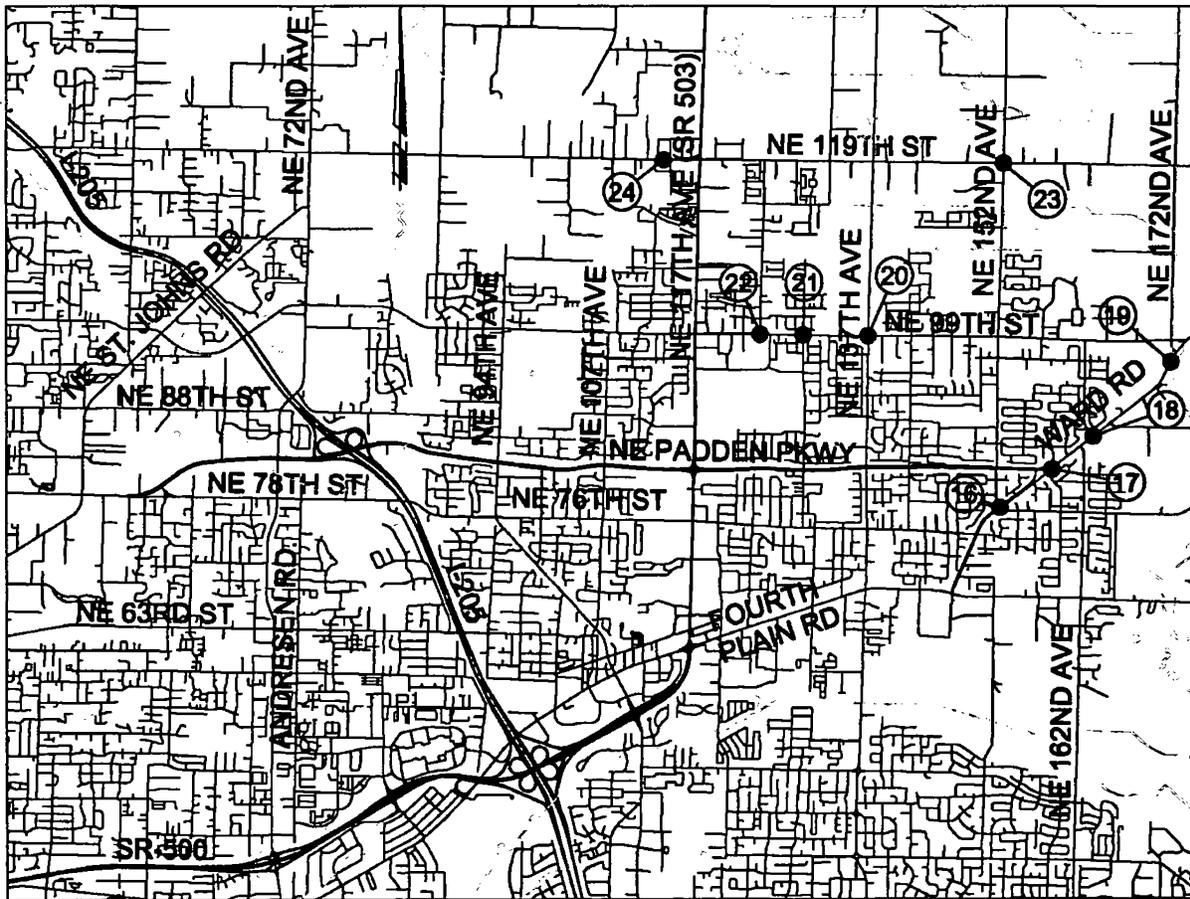
VAST - Orchards Traffic Signal Optimization
Roadway Improvement Project
Federal Aid Project No. CM-9906(040)
CRP No. 332822



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WASHINGTON

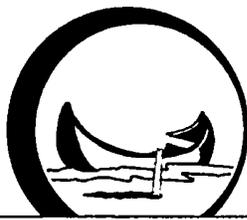
Department of Public Works
Engineering & Construction Division
Orchards Area Traffic Signal Optimization
CRP# 332822



- ⑯ NE 78TH STREET AND NE WARD ROAD
- ⑰ NE WARD ROAD AND PED CROSSING
- ⑱ NE WARD ROAD AND NE 162ND AVE-COUNTY
- ⑲ NE WARD ROAD AND NE 172ND AVENUE
- ⑳ NE 99TH STREET AND NE 137TH AVENUE
- ㉑ NE 99TH STREET AND NE 130TH AVENUE
- ㉒ NE 99TH STREET AND NE 124TH AVENUE
- ㉓ NE 119TH STREET AND NE 152ND AVENUE
- ㉔ NE 119TH STREET AND NE 112TH AVENUE

VOLUME 2

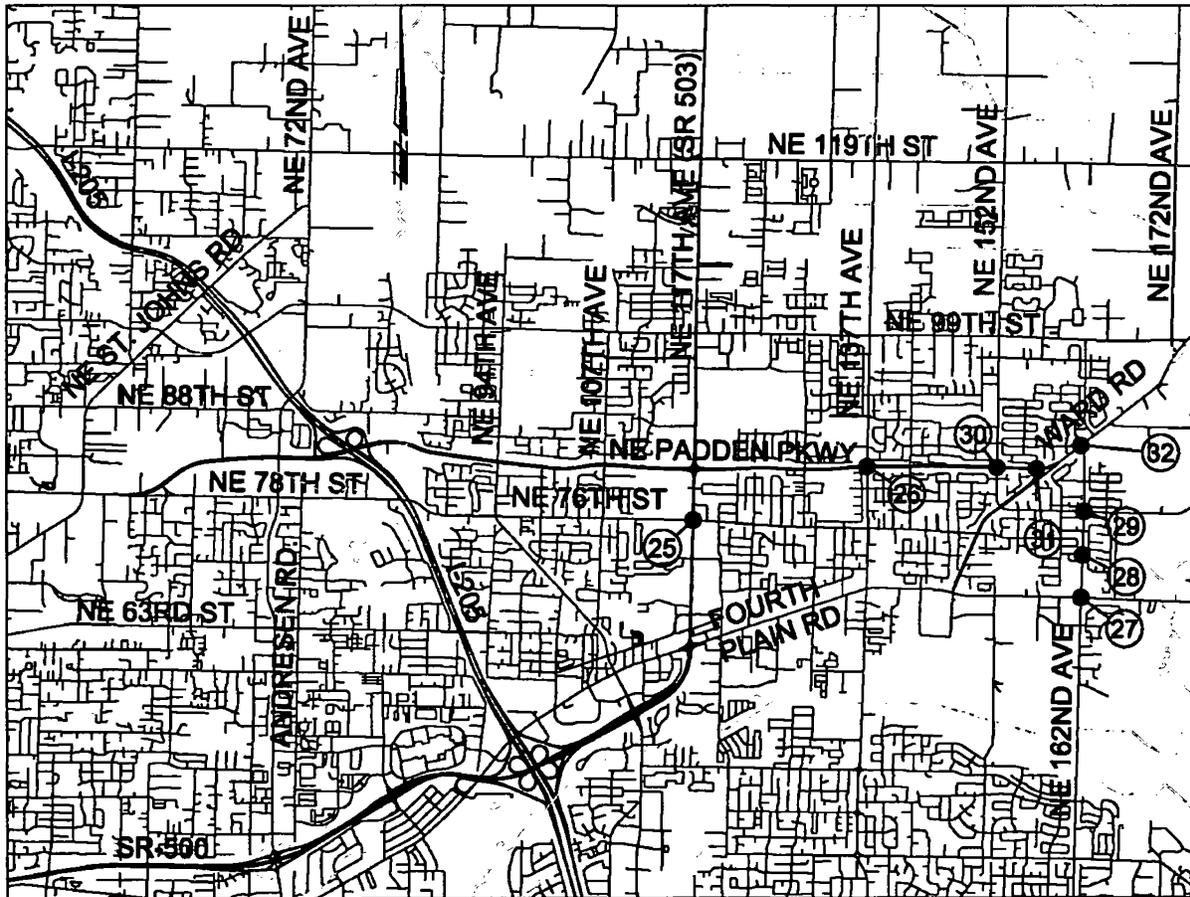
Vicinity Map



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CLARK COUNTY
WASHINGTON

Department of Public Works
Engineering & Construction Division
Orchards Area Traffic Signal Optimization
CRP# 332822



- ②⑤ NE 78TH STREET AND NE 117TH AVE.
- ②⑥ NE PADDEN PARKWAY AND NE 137TH AVE.
- ②⑦ NE 162ND AVE. AND NE FOURTH PLAIN RD.
- ②⑧ NE 162ND AVE. AND NE 73RD STREET
- ②⑨ NE 162ND AVE. AND NE 78TH STREET
- ③① NE PADEN PARKWAY AND NE 152ND AVENUE
- ③② NE PADDEN PARKWAY AND NE WARD ROAD
- ③③ NE WARD ROAD AND NE 162ND AVE—WSDOT

VOLUME 3

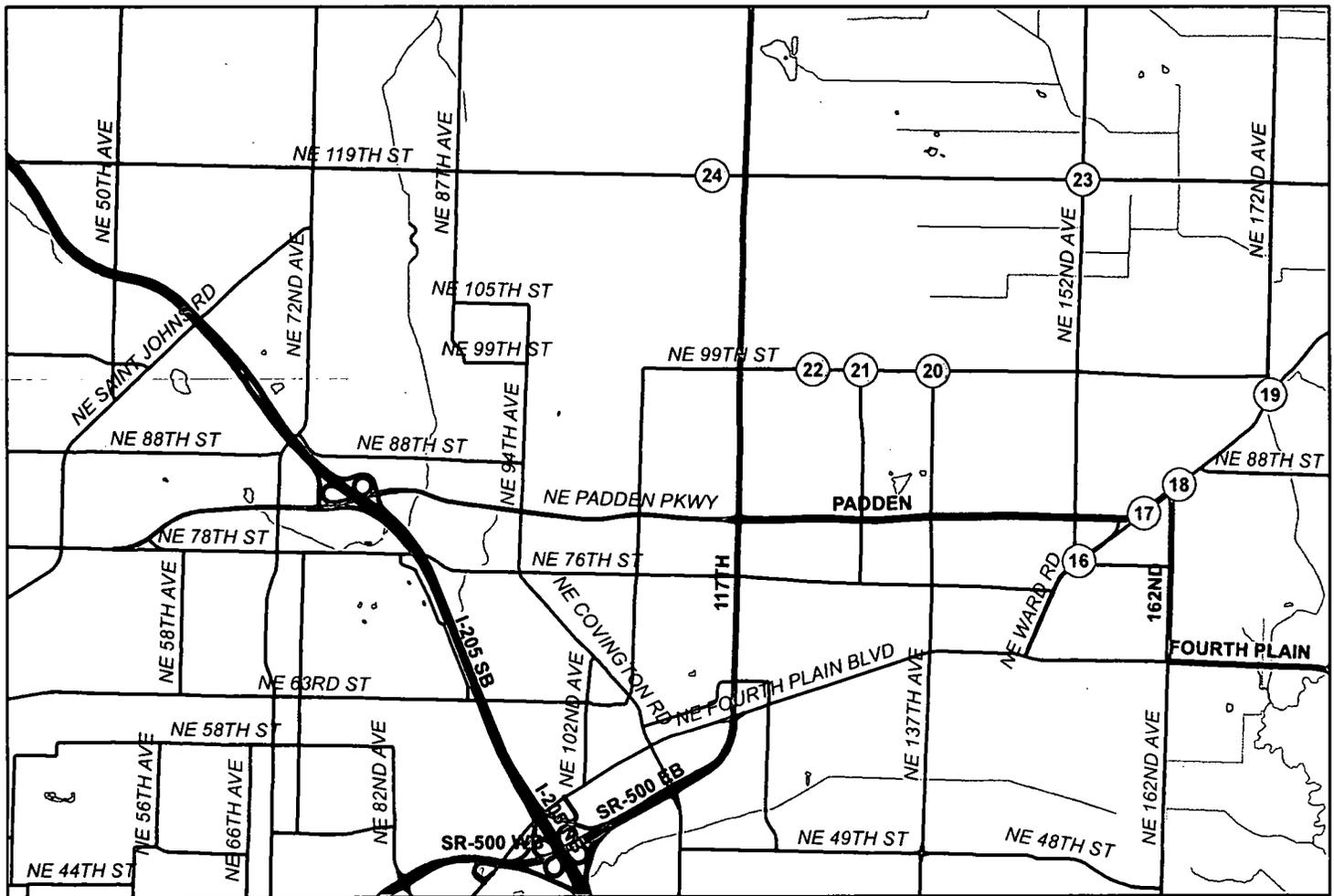
Vicinity Map



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CLARK COUNTY
WASHINGTON

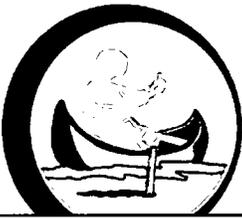
Department of Public Works
Engineering & Construction Division
Orchards Area Traffic Signal Optimization
CRP# 332822



NUMBER	LOCATION
16	NE 78TH STREET AND NE WARD ROAD
17	NE WARD ROAD AND PED CROSSING
18	NE WARD ROAD AND NE 162ND AVE-COUNTY
19	NE WARD ROAD AND NE 172ND AVE
20	NE 99TH STREET AND NE 137TH AVE
21	NE 99TH STREET AND NE 130TH AVE
22	NE 99TH STREET AND NE 124TH AVE
23	NE 119TH STREET AND NE 152ND AVE
24	NE 119TH STREET AND NE 112TH AVE

VOLUME 2

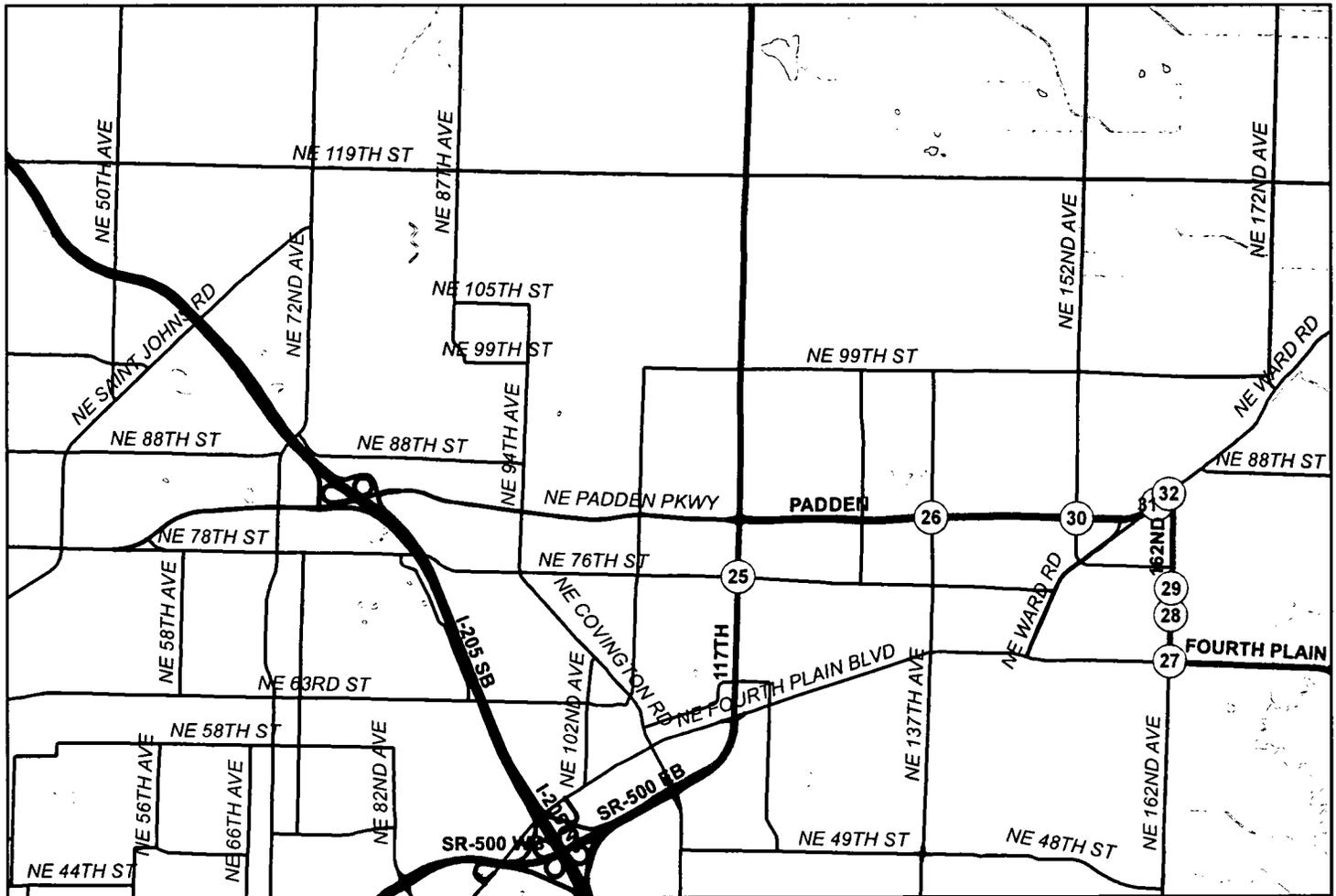
Vicinity Map



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**CLARK COUNTY
WASHINGTON**

**Department of Public Works
Engineering & Construction Division
Orchards Area Traffic Signal Optimization
CRP# 332822**



NUMBER	LOCATION
25	NE 76TH STREET AND NE 117TH AVE
26	NE PADDEN PARKWAY AND NE 137TH AVE
27	NE 162ND AVE AND NE FOURTH PLAIN RD.
28	NE 162ND AVE AND NE 73RD STREET
29	NE 162ND AVE AND NE 76TH STREET
30	NE PADDEN PARKWAY AND NE 152ND AVE
31	NE PADDEN PARKWAY AND NE WARD ROAD
32	NE WARD ROAD AND NE 162ND AVE-WSDOT

VOLUME 3

Vicinity Map