

CLARK COUNTY
STAFF REPORT



DEPARTMENT/DIVISION: Public Works / Transportation Programming

DATE: October 28, 2014

REQUEST: Establishment of Public Works Project CRP# 323222, NE 47th Avenue/NE 78th Street Intersection, and approval of the attached Notice to Contractors to advertise the construction contract for bids.

CHECK ONE: ☒ Consent ☐ Chief Administrative Officer ☐ Hearing

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 existing "T" intersection of NE 47th Avenue and NE 78th Street is not signalized and has no turn lanes on the south leg on NE 47th Avenue. Chelatchie Prairie Railroad tracks bisect the intersection.

This project will move access to our Clark County Operations site approximately 75-feet to the east so that it lines up with NE 47th Avenue, creating a new 4-legged signalized intersection. The new north leg of NE 47th Avenue leading to the County's Operations facility will have a northbound thru and a southbound combined left/thru/right. This project will widen the south leg of the NE 47th Avenue intersection to include a northbound left turn lane. Clark County Operations' old access on NE 78th Street will be removed and replaced with curb, sidewalk, and landscaping. The railroad signal will be upgraded. New railroad gate arms and cantilevers will be installed across all legs of the intersection.

For the safety of workers and the traveling public, Clark County will temporarily close portions of NE 47th Avenue and NE 78th Street. The closures are planned for three weekends, from Thursday evening (9:00PM) to early Monday morning (6:00AM). Periodic single lane closures will be also be necessary for the duration of the project, which is expected to be completed by January 2016. Public notice and detour information will be provided.

COMMUNITY OUTREACH: This project is included in the adopted 2014-2019 Transportation Improvement Program (TIP). The TIP development undergoes a wide array of public input processes, including a public hearing, SEPA, and an internet web site. We have sent Heads-Up mailers and held an open house for the adjacent property owners. We will be working with business and property owners for the lane closures and full road closures. We will advise all affected parties of the upcoming road closures, and will work with them accordingly.

BUDGET AND POLICY IMPLICATIONS: This project is included in the 2014-2019 Adopted Transportation Improvement Program and 2014 Annual Construction Program (Item #2).

FISCAL IMPACTS:

☒ Yes (See Attached Fiscal Impacts Form)

☐ No


PW 14-110

ACTION REQUESTED: It is requested that the Board of County Commissioners sign two copies of CRP No. 323222. 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, November 18, 2014**. Bid award is scheduled for December 2, 2014.

DISTRIBUTION: Please retain one signed copy of the Resolution for the Board's records and return one originally signed duplicate to the Department of Public Works attention Susan Wilson. In addition, please provide a copy of the Staff Report and the Notice to Contractors indicating the Board's action to the Public Works.


William Wright, P.E.
Transportation Programming Manager

APPROVED: 
CLARK COUNTY, WASHINGTON
BOARD OF COMMISSIONERS


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

DATE: OCT. 28, 2014
SR#: 238-14

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 existing "T" intersection of NE 47th Avenue and NE 78th Street is not signalized and has no turn lanes on the south leg on NE 47th Avenue. Chelatchie Prairie Railroad Tracks bisect the intersection.

This project will move the access to Clark County Operations approximately 75-feet to the east so that it lines up with NE 47th Avenue, creating a new 4-legged signalized intersection. The new, north leg of NE 47th Avenue leading to the County's Operations facility will have a northbound thru lane and a southbound combined left/thru/right lane. This project will widen the south leg of the NE 47th Avenue intersection to include a new left turn lane. Clark County Operations' old access on NE 78th Street will be removed and replaced with curb, sidewalk, and landscaping. The railroad signal will be upgraded. New railroad gate arms and cantilevers will be installed across all legs of the intersection.

NE 47th Avenue/NE 78th Street Intersection- Total construction cost for this project includes \$980,000 Federal Grant Funds, \$20,000 State Funds, and \$1,092,000 County Road Funds for a total cost of \$2,092,000. This project is included in the 2014-2019 Adopted Transportation Improvement Program and 2014 Annual Construction Program (Item# 2). This project is currently in the 2014 and 2015-2016 budgets.

Part II: Estimated Revenues

Fund #/Title	Current Biennium (2013/2014)		Next Biennium (2015/2016)		Second Biennium	
	Road Fund	Total	Road Fund	Total	Road Fund	Total
1012 Road Fund	\$5,000	\$5,000	\$ 2,087,000	\$ 2,087,000		
Total:						

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

Federal Grant Funds: \$980,000
State Funds: \$20,000
CRF: \$1,092,000

Part III: Estimated Expenditures

III.A - Expenditures summed up

Fund #/Title	FTE's	Current Biennium (2013/2014)		Next Biennium (2015/2016)		Second Biennium	
		Road Fund	Total	Road Fund	Total	Road Fund	Total
1012 Road Fund		\$5,000	\$5,000	\$ 2,087,000	\$ 2,087,000		
Total:		\$5,000	\$5,000	\$2,087,000	\$2,087,000		

III.B = Expenditure by object category

Fund #/Title	Current Biennium (2013/2014)		Next Biennium (2015/2016)		Second Biennium	
	Road Fund	Total	Road Fund	Total	Road Fund	Total
Salary/Benefits	\$500	\$500	\$208,700	\$ 208,700		
Consultant						
Supplies						
Travel						
Other controllables						
Capital Outlays	\$4,500	\$4,500	\$1,878,300	\$ 1,878,300		
Inter-fund Transfers						
Debt Service						
Total:	\$5,000	\$5,000	\$2,087,000	\$2,087,000		

JP

RESOLUTION NO. 2014-10-08

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF CLARK COUNTY, WASHINGTON

in the matter of initiating county road projects designated as **CRP 323222**

IT IS HEREBY RESOLVED THAT **NE 47th Avenue/ NE 78th Street Intersection**

State Road Log Number 91300 and 21530 be improved as follows:

The existing "T" intersection of NE 47th Avenue and NE 78th Street is not signalized and has no turn lanes on the south leg on NE 47th Avenue. Chelatchie Prairie Railroad tracks bisect the intersection.

This project will move access to our Clark County Operations site approximately 75-feet to the east so that it lines up with NE 47th Avenue, creating a new 4-legged signalized intersection. The new north leg of NE 47th Avenue leading to the County's Operations facility will have a northbound thru and a southbound combined left/thru/right. This project will widen the south leg of the NE 47th Avenue intersection to include a northbound left turn lane. Clark County Operations' old access on NE 78th Street will be removed and replaced with curb, sidewalk, and landscaping. The railroad signal will be upgraded. New railroad gate arms and cantilevers will be installed across all legs of the intersection.

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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	County Road Fund	State Funds	TOTAL	Budget Year	
					2013/2014	2015/2016
Construction	\$980,000	\$1,092,000	\$20,000	\$2,092,000	\$5,000	\$2,087,000
TOTAL	\$980,000	\$1,092,000	\$20,000	\$2,092,000	\$5,000	\$2,087,000

- ☒ This project is included in the officially adopted 2014 Annual Construction Program, as Item No. 2.
- ☒ 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 October, 2014.
ATTEST:

BOARD OF COUNTY COMMISSIONERS
CLARK COUNTY, WASHINGTON


Clerk of the Board


Tom Mielke, Chair

David Madore, Commissioner

Edward L. Barnes, Commissioner

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CLARK COUNTY
WASHINGTON

proud past. promising future

PUBLIC WORKS

NOTICE TO CONTRACTORS

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NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that sealed bids will be received until **1:50 P.M. on Tuesday, November 18, 2014**, 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 47th Avenue/NE 78th Street Intersection, CRP No. 323222**; 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, November 18, 2014**, or as soon thereafter as the matter may be heard.

Description of work: Move Clark County Operations driveway to align with the intersection, Install Traffic and Railroad Signals, and remove the existing track, crossing structures and road surface material and replace with 136-lb rail, concrete panels, crossties and asphalt.

Primary bid items: Traffic Signal, Railroad Signal, Railroad Grade Crossings, HMA Cl. ½ in PG 70-22, Porous HMA Cl. ½ in PG 70-22, Traffic Control, Traffic Curb and Gutter

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).

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

NE 47th Avenue/NE 78th Street Intersection
Roadway Improvement Project
Federal Aid Project No. STPUL-4380(004)
CRP No. 323222

NOTICE TO CONTRACTORS
PAGE 2 OF 2

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.

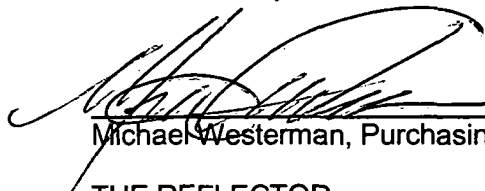
The Clark County Department of Public Works, in accordance with Title VI of the Civil Rights Act 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, non-discrimination in federally assisted 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 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 9th day of October, 2014.

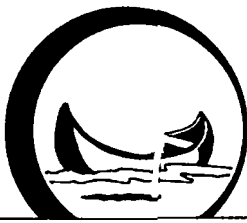


Michael Westerman, Purchasing Manager

THE REFLECTOR
DAILY JOURNAL OF COMMERCE:

PLEASE PUBLISH: October 29, November 5 & 12, 2014

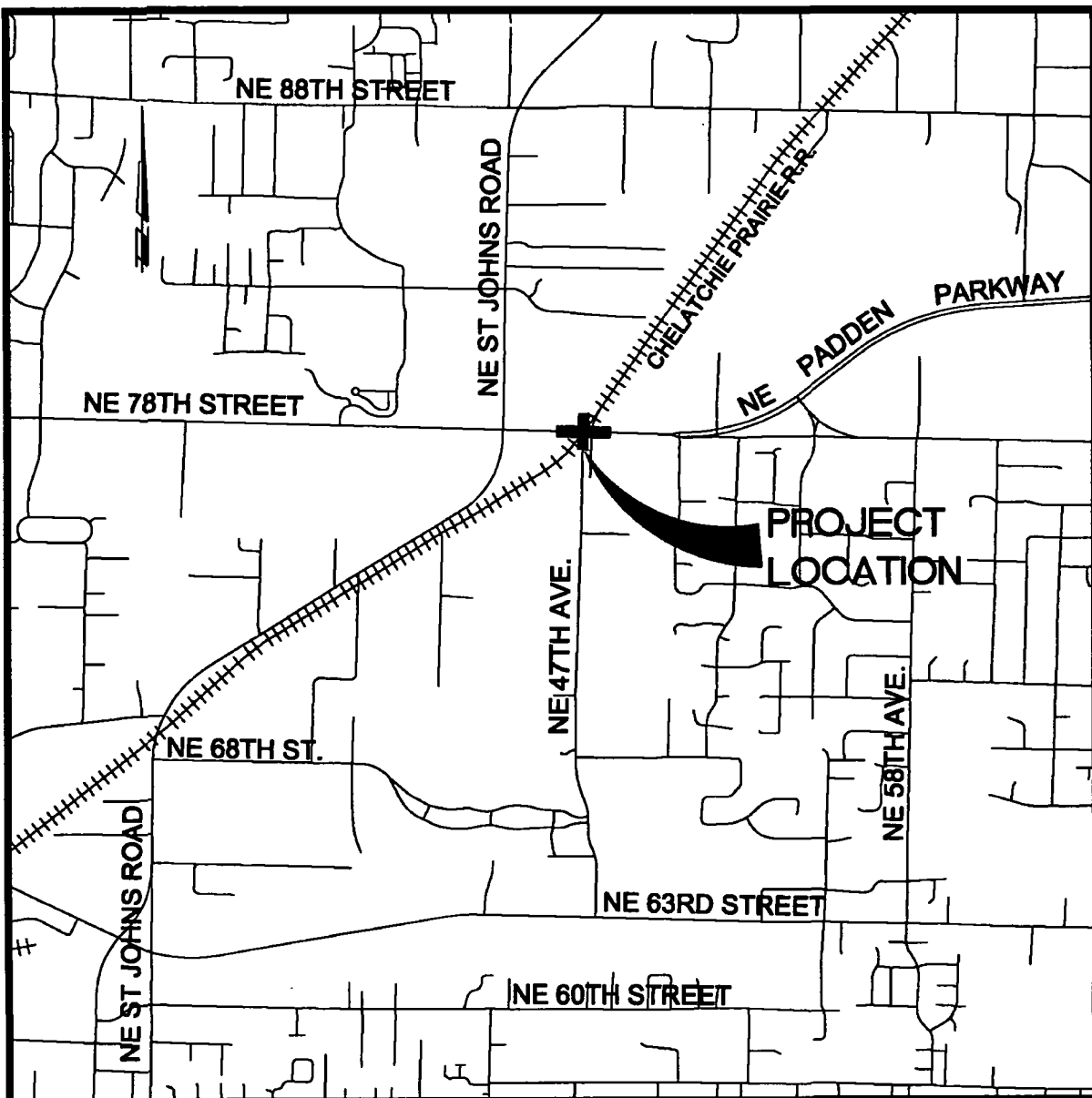
NE 47th Avenue/NE 78th Street Intersection
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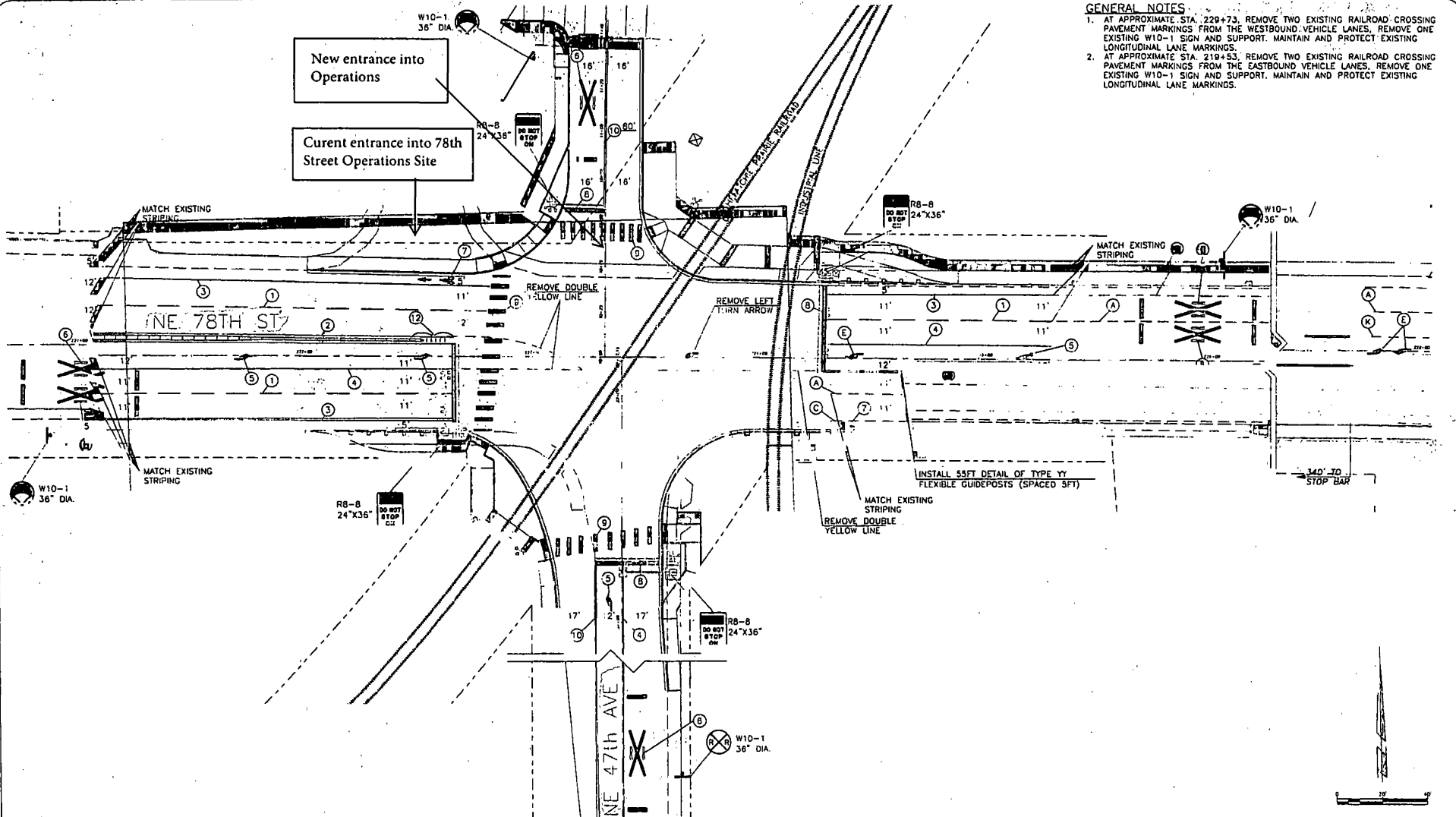
proud past, promising future

CLARK COUNTY
WASHINGTON

Department of Public Works
Engineering & Construction Division
NE 47th Avenue/NE 78th Street Intersection
CRP # 323222

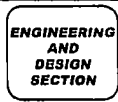


Vicinity Map



- GENERAL NOTES**
1. AT APPROXIMATE STA. 229+73, REMOVE TWO EXISTING RAILROAD CROSSING PAVEMENT MARKINGS FROM THE WESTBOUND VEHICLE LANES, REMOVE ONE EXISTING W10-1 SIGN AND SUPPORT. MAINTAIN AND PROTECT EXISTING LONGITUDINAL LANE MARKINGS.
 2. AT APPROXIMATE STA. 219+53, REMOVE TWO EXISTING RAILROAD CROSSING PAVEMENT MARKINGS FROM THE EASTBOUND VEHICLE LANES, REMOVE ONE EXISTING W10-1 SIGN AND SUPPORT. MAINTAIN AND PROTECT EXISTING LONGITUDINAL LANE MARKINGS.

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND MAY BE INCOMPLETE



NE 47TH AVENUE/NE 78TH STREET INTERSECTION CRP#323222

SIGNING AND STRIPING PLAN
NE 47TH AVENUE AT NE 78TH STREET

DATE 10/10/2014

SSI

OF