

**CLARK COUNTY
STAFF REPORT**

DEPARTMENT/DIVISION: Department of Public Works/Transportation Program
DATE: December 17, 2013
SPECIFIC REQUEST: Approval of the Federal-Aid Project Prospectus and Local Agency Agreement for NE 47th Avenue/NE 78th Street Intersection Project CRP #323222.

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:

Clark County has received notification from WSDOT Highways & Local Programs that the above project has been selected for grant funding through the Surface Transportation Program. This project will install a new traffic signal at the intersection of NE 47th Avenue and NE 78th Street. The project will move the access to Clark County Operations to the east so that it lines up with NE 47th Avenue, creating a new four-legged intersection. NE 78th Street roadway striping will be reconfigured to accommodate the new intersection and additional thru and left lanes.

The attached Federal Aid Project Prospectus and Local Agency Agreement will formally accept the awarded grant funds for the design phase of the project.

COMMUNITY OUTREACH:

This project is included in the adopted 2014-2019 Transportation Improvement Program (TIP). Development of the TIP includes an array of public input opportunities, including public hearings, SEPA, and an informational web site.

BUDGET AND POLICY IMPLICATIONS:

There are no budget implications involved in this request. The 2014 Annual Construction Program includes this project as rank #2.

FISCAL IMPACTS:

Yes (see Fiscal Impacts Attachment) No

ACTION REQUESTED:

It is requested that the Board of County Commissioners approve and sign both copies of the attached Federal-Aid Project Prospectus and Local Agency Agreement.

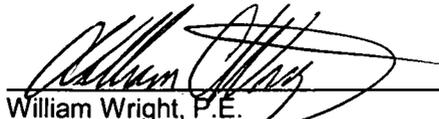


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DISTRIBUTION:

Please return to the Department of Public Works Transportation Programming, attention Gary Albrecht: a copy of the approved staff report indicating the Board's action, both originally-signed copies of the Federal-Aid Project Prospectus, and both originally-signed Local Agency Agreements. Upon receipt of a fully- executed, originally-signed copy of the Local Agency Agreement from WSDOT, a copy will be provided to the Board.



William Wright, P.E.
Transportation Programming Manager

APPROVED: DEC 17, 2013
CLARK COUNTY, WASHINGTON
BOARD OF COMMISSIONERS



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

SR 280-13

c: Bill Wright, Susan Wilson, Scott Fakler, Gary Albrecht, PW Records

Attachments: Fiscal Impact Statement; Federal Aid Project Prospectus (2);
Local Agency Agreement (2); Vicinity Map

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.

This project will install a new traffic signal at the intersection of NE 47th Avenue and NE 78th Street. The project will move the access to Clark County Operations to the east so that it lines up with NE 47th Avenue, creating a new four-legged intersection. On NE 78th Street roadway striping will be reconfigured to accommodate the new intersection and additional thru and left lanes.

Total cost of the project is \$1,885,000, including \$1,000,000 in STP grant funds, and the remaining \$885,000 from County Road Fund.

This project is programmed in the 2014-2019 Transportation Improvement Program (TIP) and 2014 Annual Construction Program. The revenues and expenses for this project are currently included in the Road Fund 2014-2015 budget.

Part II: Estimated Revenues

Fund #/Title	Current Biennium ('14-'15)		Next Biennium ('16-'17)		Second Biennium	
	Road Fund	Total	Road Fund	Total	Road Fund	Total
1012 Road Fund	\$1,885,000	\$1,885,000	\$0	\$0	\$0	\$0
Total:	\$1,885,000	\$1,885,000	\$0	\$0	\$0	\$0

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

Federal Grant Funds = \$1,000,000

County Road Fund = \$885,000

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		\$1,885,000	\$1,885,000		\$0	\$0	\$0
Total:		\$1,885,000	\$1,885,000	\$0	\$0	\$0	\$0

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	\$188,500	\$188,500		\$0	\$0	\$0
Consultant						
Supplies						
Travel						
Other controllables						
Capital Outlays	\$1,696,500	\$1,696,500		\$0	\$0	\$0
Inter-fund Transfers						
Debt Service						
Total:	\$1,885,000	\$1,885,000	\$0	\$0	\$0	\$0

Local Agency Agreement

Agency Clark County
Address 1300 Franklin Street
PO Box 9810
Vancouver, WA 98666-9810

CFDA No. 20.205 (Catalog of Federal Domestic Assistance)
Project No. _____
Agreement No. _____
For OSC WSDOT Use Only

The Local Agency having complied, or hereby agreeing to comply, with the terms and conditions set forth in (1) Title 23, U.S. Code Highways, (2) the regulations issued pursuant thereto, (3) 2 CFR 225, (4) Office of Management and Budget Circulars A-102, and A-133, (5) the policies and procedures promulgated by the Washington State Department of Transportation, and (6) the federal aid project agreement entered into between the State and Federal Government, relative to the above project, the Washington State Department of Transportation will authorize the Local Agency to proceed on the project by a separate notification. Federal funds which are to be obligated for the project may not exceed the amount shown herein on line r, column 3, without written authority by the State, subject to the approval of the Federal Highway Administration. All project costs not reimbursed by the Federal Government shall be the responsibility of the Local Agency.

Project Description

Name NE 47th Avenue/NE 78th Street Intersection **Length** 0.02
Termini NE 47th Avenue and NE 78th Street

Description of Work

This project will install a new traffic signal at the intersection of NE 47th Avenue and NE 78th Street. The project will move the access to Clark County Operations to the east so that it lines up with NE 47th Avenue, creating a new four-legged intersection. On NE 78th Street roadway striping will be reconfigured to accommodate the new intersection and additional thru and left lanes.

Type of Work	Estimate of Funding		
	(1) Estimated Total Project Funds	(2) Estimated Agency Funds	(3) Estimated Federal Funds
PE			
<u>86.5</u> % a. Agency	23,121.00	3,121.00	20,000.00
b. Other Agency	238,879.00	238,879.00	
c. Other			
Federal Aid Participation Ratio for PE d. State	5,000.00	5,000.00	
e. Total PE Cost Estimate (a+b+c+d)	267,000.00	247,000.00	20,000.00
Right of Way			
_____ % f. Agency			
g. Other			
h. Other			
Federal Aid Participation Ratio for RW i. State			
j. Total R/W Cost Estimate (f+g+h+i)			
Construction			
k. Contract			
l. Other			
m. Other			
n. Other			
_____ % o. Agency			
Federal Aid Participation Ratio for CN p. State			
q. Total CN Cost Estimate (k+l+m+n+o+p)			
r. Total Project Cost Estimate (e+j+q)	267,000.00	247,000.00	20,000.00

Agency Official
 By 
 Title Chair, Clark County Commissioner

Washington State Department of Transportation
 By _____
 Director of Highways and Local Programs
 Date Executed _____

	Prefix	Route	()	Date	11/15/2013
Federal Aid Project Number				Central Contractor Registration Exp. Date	3/08/2014
Local Agency Project Number	323222		(WSDOT Use Only)	Federal Employer Tax ID Number	91-60012999

Agency Clark County		Federal Program Title <input checked="" type="checkbox"/> 20.205 <input type="checkbox"/> Other			
Project Title NE 47th Avenue/NE 78th Street Intersection		Start Latitude N45.678706		Start Longitude W-122.622936	
		End Latitude N45.67806		End Longitude W-122.622936	
Project Termini From - To NE 78th Street NE 47th Avenue		Nearest City Name Vancouver		Project Zip Code 98665-2902	
From: 6.05	To: 6.03	Length of Project 0.02		Award Type <input checked="" type="checkbox"/> Local <input type="checkbox"/> Local Forces <input type="checkbox"/> State <input type="checkbox"/> Railroad	
Federal Agency <input checked="" type="checkbox"/> FHWA <input type="checkbox"/> Others		City Number N/A	County Number 6	County Name Clark County	WSDOT Region Southwest Region
Congressional District 3		Legislative Districts 49		Urban Area Number 3	TMA / MPO / RTPO SW RTC

Phase	Total Estimated Cost (Nearest Hundred Dollar)	Local Agency Funding (Nearest Hundred Dollar)	Federal Funds (Nearest Hundred Dollar)	Phase Start Date	
				Month	Year
P.E.	\$267,000	\$247,000	\$20,000	January	2014
R/W	\$25,000	\$25,000		January	2014
Const.	\$1,590,000	\$610,000	\$980,000	April	2014
Total	\$1,882,000	\$882,000	\$1,000,000		

Description of Existing Facility (Existing Design and Present Condition)	
Roadway Width 70 feet	Number of Lanes 4
<p>The existing intersection of NE 47th Avenue /NE 78th Street is a "T" intersection. There are no turn lanes or roadway striping on the south leg on NE 47th Avenue. This intersection is not signalized. Access to Clark County Operations is located on the north side of NE 78th Street, approximately 75-feet west of NE 47th Avenue.</p>	

Description of Proposed Work
Description of Proposed Work (Attach additional sheet(s) if necessary)
<p>This project will install a new traffic signal at the intersection of NE 47th Avenue and NE 78th Street. The project will move the access to Clark County Operations to the east so that it lines up with NE 47th Avenue, creating a new four-legged intersection. On NE 78th Street roadway striping will be reconfigured to accommodate the new intersection and additional thru and left lanes.</p>

Local Agency Contact Person Gary Albrecht	Title Capital Programs Specialist	Phone 360-397-6118x4335
Mailing Address 1300 Franklin Street	City Vancouver	State WA
		Zip Code 98666-9810

Project Prospectus Approval	By _____	Approving Authority
	Title PW Director - County Engineer	Date _____

Agency Clark County	Project Title NE 47th Avenue/NE 78th Street Intersection	Date 11/15/2013
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Type of Proposed Work		
Project Type (Check all that Apply)	Roadway Width	Number of Lanes
<input type="checkbox"/> New Construction <input type="checkbox"/> Path / Trail <input type="checkbox"/> 3-R <input checked="" type="checkbox"/> Reconstruction <input type="checkbox"/> Pedestrian / Facilities <input type="checkbox"/> 2-R <input type="checkbox"/> Railroad <input type="checkbox"/> Parking <input type="checkbox"/> Other <input type="checkbox"/> Bridge	70	4

Geometric Design Data		
Description	Through Route	Crossroad
Federal Functional Classification	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Principal Arterial <input type="checkbox"/> Rural <input type="checkbox"/> Minor Arterial <input type="checkbox"/> NHS <input checked="" type="checkbox"/> Collector <input type="checkbox"/> Major Collector <input type="checkbox"/> Minor Collector <input type="checkbox"/> Local Access	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Principal Arterial <input type="checkbox"/> Rural <input type="checkbox"/> Minor Arterial <input checked="" type="checkbox"/> Collector <input type="checkbox"/> Major Collector <input type="checkbox"/> Minor Collector <input type="checkbox"/> Local Access
Terrain	<input checked="" type="checkbox"/> Flat <input type="checkbox"/> Roll <input type="checkbox"/> Mountain	<input checked="" type="checkbox"/> Flat <input type="checkbox"/> Roll <input type="checkbox"/> Mountain
Posted Speed	45 mph on 78th St.	25 mph on 47th Ave.
Design Speed	50 mph	30
Existing ADT	23,337	1,499
Design Year ADT	Unknown	Unknown
Design Year	Unknown	Unknown
Design Hourly Volume (DHV)	2,275	150

Performance of Work		
Preliminary Engineering Will Be Performed By Consultant	Others 70 %	Agency 30 %
Construction Will Be Performed By Contractor	Contract 90 %	Agency 10 %

Environmental Classification	
<input type="checkbox"/> Class I - Environmental Impact Statement (EIS) <input type="checkbox"/> Project Involves NEPA/SEPA Section 404 Interagency Agreement <input type="checkbox"/> Class III - Environmental Assessment (EA) <input type="checkbox"/> Project Involves NEPA/SEPA Section 404 Interagency Agreement	<input checked="" type="checkbox"/> Class II - Categorical Excluded (CE) <input checked="" type="checkbox"/> Projects Requiring Documentation (Documented CE)

Environmental Considerations Coordination with USEPA about adjacent Boomsnub Super Fund site.

Agency Clark County	Project Title NE 47th Avenue/NE 78th Street Intersection	Date 11/15/2013
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Right of Way		
<input type="checkbox"/> No Right of Way Required * All construction required by the contract can be accomplished within the existing right of way.	<input checked="" type="checkbox"/> Right of Way Required <input checked="" type="checkbox"/> No Relocation	<input type="checkbox"/> Relocation Required

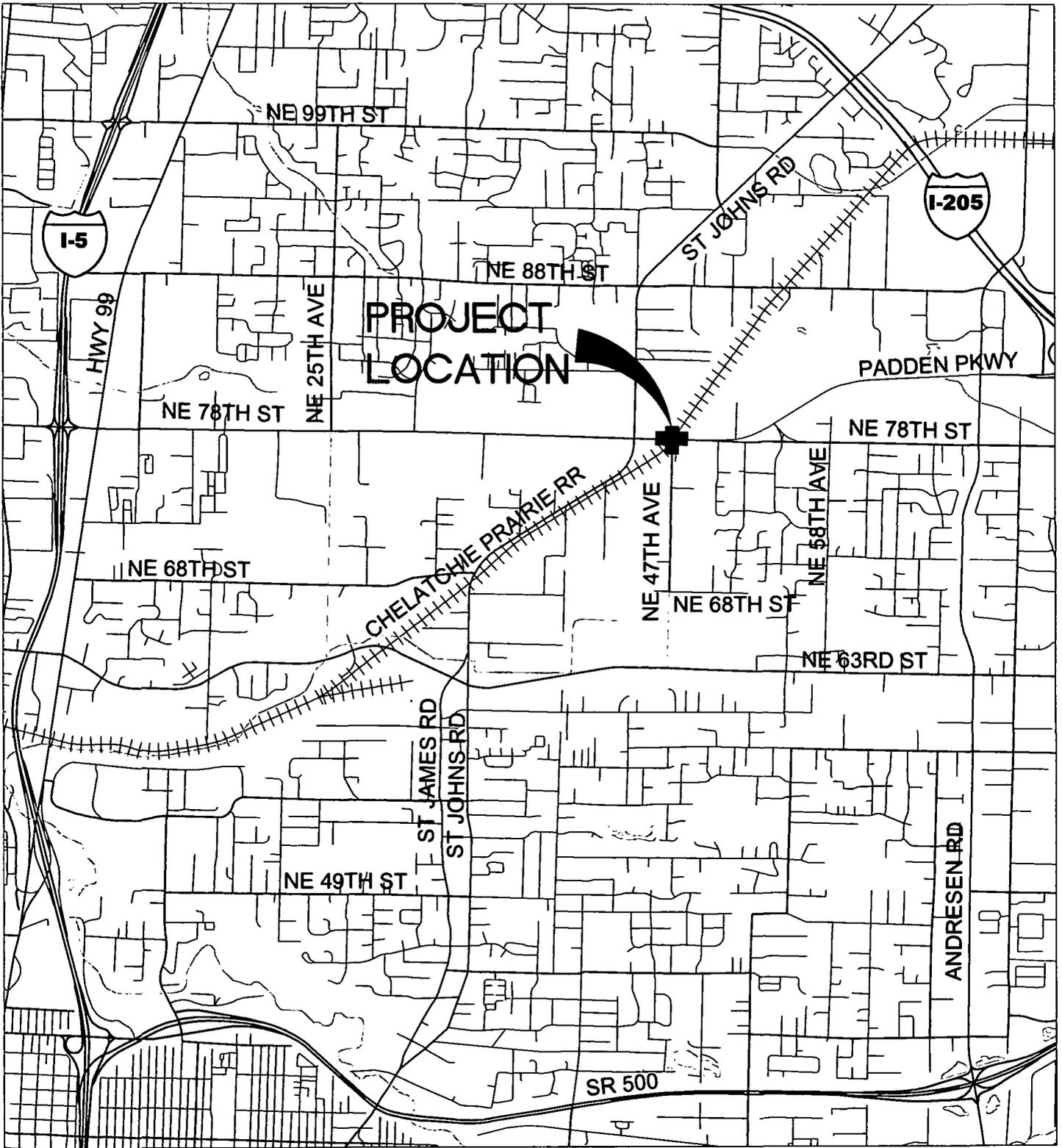
Description of Utility Relocation or Adjustments and Existing Major Structures Involved in the Project
 Temporary construction easements may be needed for work outside of the right of way.

FAA Involvement
 Is any airport located within 3.2 kilometers (2 miles) of the proposed project? Yes No

Remarks
 N/A.

This project has been reviewed by the legislative body of the administration agency or agencies, or it's designee, and is not inconsistent with the agency's comprehensive plan for community development.

Agency Clark County Board of Commissioners
 Date 12-17-13 By 
 Mayor/Chairperson

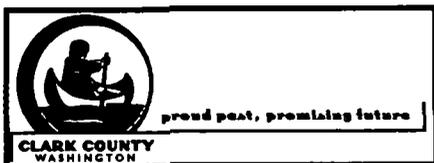


**PROJECT
LOCATION**

VICINITY MAP

Intersection of NE 78th Street
and NE 47th Avenue

CRP #323222



N.T.S.