

City of Prosser

April 10, 2017

Benton-Franklin Council of Governments
1622 Terminal Drive
Richland, WA 99354

Attn: Tanna Dole

Re: **City of Prosser**
2019-2021 Surface Transportation Block Grant (STBG) Application
2019-2021 Transportation Alternative Program (TAP) Application
Bennett Avenue Design

Dear Ms. Dole:

The City of Prosser appreciates the opportunity to submit the enclosed **2019-2021 STBG Application** for the design of reconstruction of Bennett Avenue from 6th Street to Florence Street. This Major Collector directly accesses our Central Business District and provides the primary east-west connectivity between the Central Business District and SR 22 to the west of the City core. Bennett Avenue provides alternative traffic circulation options for motorists visiting our Central Business District and for the trucks serving those businesses along the collector.

The existing asphalt pavement on Bennett Avenue is in poor condition and sidewalk is sporadic on the south side of the avenue. Land uses along this arterial change from an elementary school and city park at one end, commercial in the Central Business District at the other end, and residential in between. Benton-Franklin Transit supports a stop on the south side of Bennett just west of 6th Street.

Prosser intends to combine Transportation Alternative Program (TAP) and Surface Transportation Block Grant (STBG) funding to this project to design the roadway, curb and gutter, illumination, sidewalk and intersection ramps between 6th Street and Florence Street.

The City would like to thank Benton-Franklin Council of Governments for its consideration of the enclosed STBG and TAP Applications for our Bennett Avenue design project. Should you have any questions regarding our application, please contact City Public Works Director, L.J. DaCorsi, at (509) 786-2332.

Very truly yours,

A handwritten signature in blue ink that reads "Randy Taylor".

Randy Taylor, Mayor
City of Prosser



BENTON-FRANKLIN COUNCIL OF GOVERNMENTS
BENTON-FRANKLIN REGIONAL TRANSPORTATION PLANNING ORGANIZATION

CHOOSE A FUNDING CATEGORY	
TAP - URBAN LARGE	<input type="checkbox"/>
TAP - URBAN SMALL	<input checked="" type="checkbox"/>
TAP - RURAL	<input type="checkbox"/>

2019-2021 TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECT APPLICATION

PROJECT TITLE: Bennett Avenue Reconstruction

DATE: 4/10/2017

GENERAL PROJECT INFORMATION

Agency or Organization City of Prosser
 County Benton
 Contact Person L.J. DaCorsi
 Phone (509) 786-7300
 Email Address LJDacorsi@ci.prosser.wa.us

TYPE OF PROJECT

From the attached list of eligible TAP activities explain/describe which apply to this project.

1.A. Construction, planning, and design of on-road facilities for pedestrians, bicyclists, and other non-motorized forms of transportation...

Will this be a stand alone TAP project or part of another project? YES NO

PROJECT OVERVIEW
DESCRIBE ELEMENTS OF WORK

Existing Conditions

Bennett Avenue is in poor condition. Between Florence Street and 6th Street there is sporadic sidewalk on the south side and no sidewalk on the north side of the roadway. The entire roadway has inadequate street lighting, storm drainage facilities, and inadequate ADA ramps. Benton-Franklin Transit provides a scheduled stop just west of 6th Street on the south side of Bennett Ave. At the Florence end of the project are school and recreational land uses. The 6th Street end of the project terminates in the Central Business District and Bennett Avenue accesses residential areas in between the two ends.

Previous investments in the Central Business District include improvements to 6th Street in 2012 and nearby TIB and ARRA funded projects on Sheridan Avenue, Wine Country Road, and 7th Street.

Proposed Improvements

This project consists of designing the reconstruction of intersections and sidewalk on Bennett Avenue between Florence Street and 6th Street. Prosser intends to combine TAP funding for the design of ramps and sidewalk on Bennett Road with STBG funding for designing the whole road between Florence Street and 6th Street.

ROADWAY DETAILS (If applicable)

LOCATION OF PROJECT (Include map)	Bennett Road from Florence Street to 6th Street
BEGINNING TERMINI	Florence Street
ENDING TERMINI	6th Street
LENGTH OF PROJECT	0.50 mi

PROJECT DESCRIPTION & SIGNIFICANCE

Describe the proposed project and why it is regionally significant. How does this project support the regions goals and objectives? (See attached Goals and Objectives)

As described in the project overview, Bennett Avenue is in poor condition with inadequate pedestrian, illumination, and stormwater facilities. The proposed project will design the reconstruction of the intersections and sidewalks of this important east-west arterial to bring these facilities up to current standards.

This project is integrated with local land use policies and builds upon recent investments made on Wine Country Road, 6th Street, 7th Street, and Sheridan Avenue. Improvements on this route will provide improved access for goods, services, and increase accessibility and mobility for people of all abilities.

This design project is in-line with BFCG's integration of land use and safety-conscious transportation planning as it incorporates safety on the pedestrian system. This route provides access to a wide range of land uses including school/park areas, residential, and Central Business District.

Safety

The design project will incorporate pedestrian safety by planning for ADA compliant sidewalks, illumination, curb and gutter throughout the entire project.

Mobility and Accessibility

This project will continue the sidewalk investments previously made (2006, 2009, 2012, 2014) furthering a walkable environment connecting commercial, residential, and public lands. All pedestrian improvements of the Bennett Avenue project will contribute to the encouragement of mobility for all abilities. Bennett Avenue between Florence Street and 6th Street will be designed concurrently and the City will seek BFCG's 2019-2021 STBG funding concurrently for designing the roadway.

Regional Significance

If approved, design for this project will be added to the City's Six-Year TIP. Portions of this project have been included in previous TIB applications. This sidewalk system serves direct access to the city's Central Business District, City Hall, the Prosser Police Department, and farmer's market.

Freight Movement & Economic Vitality

This key east-west Major Collector directly accesses Prosser's Central Business District and continues west to connect directly with SR 22. These improvements will help promote additional development and redevelopment in this area.

PROJECT SCORING CRITERIA - Total Possible Points = 80
DESCRIBE HOW THIS PROJECT MEETS EACH OF THE FOLLOWING SCORING CRITERIA

SAFETY = _____ POINTS (For TAC/PAC committee use)

MOBILITY AND ACCESSIBILITY _____ POINTS (For TAC/PAC committee use)

PRESERVATION _____ POINTS (For TAC/PAC committee use)

REGIONAL SIGNIFICANCE _____ POINTS (For TAC/PAC committee use)

FREIGHT MOVEMENT AND ECONOMIC VITALITY _____ POINTS (For TAC/PAC committee use)

**PROJECT SCHEDULE & DELIVERY
ANTICIPATED REVENUES
ESTIMATED PROJECT COSTS**

PROJECT COST AND PHASING	Cost by Phase		Proposed Year of Obligation
	Preliminary Engineering/Design	\$ 258,860	2018
Right of Way	\$ 105,000	2018	
Construction	\$ 1,915,585	2020	
Total Estimated Project Cost	\$ 2,279,445		

PROJECT PHASE REVENUE By FFY Obligation Year	2019		2020	2021
	Local	\$ 49,938	191558	
State		1724027		
Other	\$ 292,690.00			
Requested TAP Funds	\$ 21,232.00			
Total Project Phase Revenue	\$ 363,860	\$ 1,915,585	\$ 0	

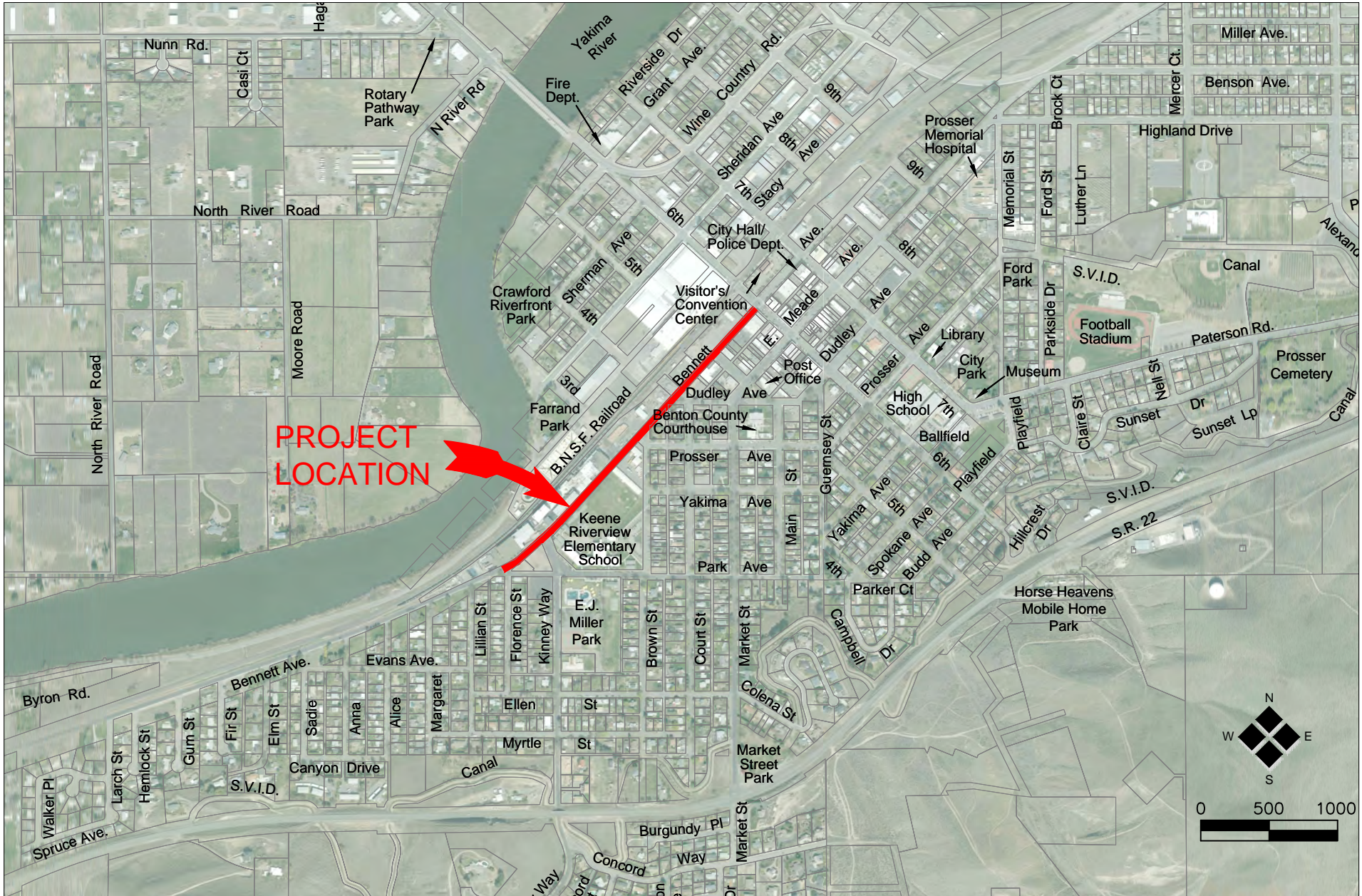
TARGET DELIVERY

					Maximum	Score
PE	> 25% Complete	<50% Complete	100% Complete		10	
Right of Way Aquisition	None Needed	In Progress	All aquired	Not yet started	10	
Construction Ready	Design Complete Environmental Complete ROW Certified	-Not Yet Started			20	
TOTAL TARGET DELIVERY						0.0

SCORING RESULTS

SAFETY	0.0
MOBILITY AND ACCESSIBILITY	0.0
PRESERVATION	0.0
REGIONAL SIGNIFICANCE	0.0
FREIGHT MOVEMENT AND ECONOMIC VITALITY	0.0
Project Scoring from page 3 (Maximum of 80)	0.0
Target Delivery Criteria from page 4 (Maximum of 20)	0.0
TOTAL ACCUMULATIVE SCORE	0.0
Total Maximum = 100	

Reviewer Comments



2803 River Road
Yakima, WA 98902
509.966.7000
Fax 509.965.3800
www.hlacivil.com

CITY OF PROSSER
BENNETT AVENUE IMPROVEMENTS
VICINITY MAP

CITY OF PROSSER
Bennett Avenue Reconstruction - Florence Street to 6th Street
Engineer's Opinion of Construction Cost

4/7/2017

HLA Project No. 17003G

Item No.	Description	Payment Specification	Unit	Unit Cost	Overall Quantity	Overall Cost	
1	Minor Change	1-04.4(1)	FA	\$15,000.00	1	\$15,000.00	
2	Mobilization	1-09.7	LS	\$132,000.00	1	\$132,000.00	
3	Project Temporary Traffic Control	1-10.5	LS	\$65,000.00	1	\$65,000.00	
4	Unclassified Excavation Incl. Haul	2-03.5	CY	\$18.00	6,500	\$117,000.00	
5	Crushed Surfacing Base Course	4-04.5	TON	\$26.00	8,200	\$213,200.00	
6	Crushed Surfacing Top Course	4-04.5	TON	\$30.00	1,300	\$39,000.00	
7	HMA Cl. 1/2-Inch PG 64-28	5-04.5	TON	\$95.00	2,600	\$247,000.00	
8	Storm Sewer Pipe 12 In. Diam.	7-04.5	LF	\$55.00	420	\$23,100.00	
9	Underdrain Pipe Infiltration Trench System 12 In. Diam.	7-04.5	LF	\$125.00	900	\$112,500.00	
10	Catch Basin Type 1	7-05.5	EA	\$1,300.00	18	\$23,400.00	
11	Pretreatment Manhole 48 In. Diam.	7-05.5	EA	\$10,000.00	9	\$90,000.00	
12	Shoring or Extra Excavation	7-08.5	LF	\$1.00	900	\$900.00	
13	Select Backfill, as Directed	7-08.5	CY	\$50.00	50	\$2,500.00	
14	Adjust Manhole	7-05.5	EA	\$500.00	8	\$4,000.00	
15	Adjust Valve Box	7-12.5	EA	\$450.00	9	\$4,050.00	
16	Landscape Restoration	8-02.5	FA	\$5,000.00	1	\$5,000.00	
17	Cement Conc. Traffic Curb and Gutter	8-04.5	LF	\$15.00	5,300	\$79,500.00	
18	Monument Case and Cover	8-13.5	EA	\$550.00	5	\$2,750.00	
19	Cement Conc. Sidewalk 6-Inch Thick	8-14.5	SY	\$65.00	125	\$8,125.00	
20	Cement Conc. Sidewalk 4-Inch Thick	8-14.5	SY	\$55.00	1,700	\$93,500.00	
21	Cement Conc. Curb Ramp	8-14.5	EA	\$1,400.00	11	\$15,400.00	
22	Illumination System, Complete	8-20.5	LS	\$100,000.00	1	\$100,000.00	
23	Mid-Block Pedestrian Signal		LS	\$20,000.00	1	\$20,000.00	
24	Permanent Signing	8-21.5	LS	\$1,500.00	1	\$1,500.00	
25	Pavement Markings	8-22.5	LS	\$10,000.00	1	\$10,000.00	
26	Paving Fabric	8-26.5	SY	\$2.00	12,000	\$24,000.00	
						Subtotal	\$1,448,425.00
						Contingency 15%	\$217,300.00
						Total Estimated Construction Cost	\$1,665,725.00
<u>Assumptions:</u>							
1. 40' wide TBC to TBC roadway section (0.33' HMA, 0.17' CSTC, 1.0' CSBC)						Design Engineering 15%	\$249,860.00
2. 6' wide sidewalk southeast side						Environmental and Cultural Resources	\$7,500.00
3. Existing roadway and subgrade has 12-Inch depth						WSDOT/CA Review Fees	\$1,500.00
4. 100 LF of infiltration trench per catch basin pairing						Right of Way Acquisition	\$105,000.00
5. Catch basin pairings every 300' ±						Construction Engineering 15%	\$249,860.00
6. Street light spacing every 200' ± southeast side							
7. Does not include replacement or upgrade of utilities							
8. Right of way acquisition and services not included.							
						Total Estimated Project Cost	\$2,279,445.00

Breakout of TAP Project Cost (included in estimate above)

Item No.	Description	Payment Specification	Unit	Unit Cost	Overall Quantity	Overall Cost	
4	Unclassified Excavation Incl. Haul	2-03.5	CY	\$18.00	1060	\$19,080.00	
17	Cement Conc. Traffic Curb and Gutter	8-04.5	LF	\$15.00	2650	\$39,750.00	
19	Cement Conc. Sidewalk 6-Inch Thick	8-14.5	SY	\$65.00	125	\$8,125.00	
20	Cement Conc. Sidewalk 4-Inch Thick	8-14.5	SY	\$55.00	1,700	\$93,500.00	
21	Cement Conc. Curb Ramp	8-14.5	EA	\$1,400.00	11	\$15,400.00	
23	Mid-Block Pedestrian Signal		LS	\$20,000.00	1	\$20,000.00	
						Subtotal	\$195,855.00
						Contingency 15%	\$29,400.00
						Total Estimated Construction Cost	\$225,255.00
						Design Engineering 15%	\$33,790.00
						Environmental and Cultural Resources	\$7,500.00
						WSDOT/CA Review Fees	\$1,500.00
						Right of Way Acquisition	\$105,000.00
						Construction Engineering 15%	\$33,790.00
						Total Estimated Project Cost	\$406,835.00