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GRANT CO. PUBLIC WORKS

**2010
TRANSPORTATION ENHANCEMENT
APPLICATION**

- 1. Project Title Grant County Fairgrounds Sidewalk (Valley Rd. - Paxson Dr. to Airway Dr.) Road Log 41250, Mp 1.00 to Mp 1.36
- 2. Lead Agency Grant County
- 3. Contact Person Derek Pohle, P.E. Director of Public Works
(Name) (Title)
- 4. Phone: 509-754-6082
Email: dpohle@co.grant.wa.ua
Address Grant County Public Works
124 Enterprise St. S.E.
Ephrata, WA 98823
- 5. Does sponsoring agency have "Certification Acceptance: status from WSDOT?
 Yes No
If No, which agency will serve as your CA sponsor and please fill-out CA confirmation form.
- 6. Type of Enhancement Project:
 - Provision of Facilities for Pedestrians and Bicycles
 - Provision of Safety and Educational Activities for Pedestrians and Bicyclists
 - Acquisition of Scenic Easements and Scenic or Historic Sites
 - Scenic or Historic Highway Programs (including the provision of tourist and welcome center facilities)
 - Landscaping and other Scenic Beautification
 - Historic Preservation
 - Rehabilitation and Operation of Historic Transportation Buildings, Structures or Facilities (including historic railroad facilities and canals)
 - Preservation of Abandoned Railway Corridors (including the conversion and use thereof for pedestrian or bicycle trails)
 - Control and Removal of Outdoor Advertising
 - Archaeological Planning and Research
 - Environmental mitigation to address water pollution due to highway runoff or reduce vehicle-caused wildlife mortality while maintaining habitat connectivity
 - Establishment of Transportation Museums

7. Total Project Description: (**attach detailed 8 1/2" x 11" vicinity map**) Explain the nature of the **entire project**. Indicate the major work involved, a brief comparison of existing and proposed conditions, and type of use etc. Identify if this is part of a larger project. Include drawings as required to explain the project.

Construct 1,900 lineal feet of 6 ft. wide concrete sidewalk and concrete barrier curb & gutter along Valley Rd. fronting the Grant County Fairgrounds. There is currently no sidewalk or curb along the north side of Valley Rd. The pedestrian area along the north side of Valley Rd. is currently very primitive or doesn't exist at all.

This project will provide the missing link between existing ped/bike facilities extending into the City of Moses Lake and those facilities recently constructed along the west side of the Grant County Fairgrounds.

Valley Rd. has a Federal Function Class of 16, Urban Minor Arterial; the arterial road is 44 ft. wide with four travel lanes, 2 ft. wide shoulders, and HMA surfacing; a posted speed limit of 35 mph; and AADT of 8,400. A 6 ft. wide HMA bike/pedestrian path with drainage separation exists along the south side of Valley Rd.

The planned sidewalk and curb and gutter are part of a larger project adding mid-block right turn channelization serving the parking lots located on the south side of the Grant County Fairgrounds. The channelization work will use funds from other sources.

8. Describe how this project promotes economic revitalization. Provide estimates of the specific economic revitalization this enhancement will provide. Please include your justification or rationalization of the estimates.

Economic revitalization justifications are indirect and not quantifiable beyond construction employment needed to build the project, and added modes of travel that will be able to access the Fairgrounds.

9. Describe how the project encourages the use of alternative travel modes. Identify what types of alternative travel modes will be encouraged. Include estimates of how much this will be used by primary and alternative modes of transportation

The County Fair, spring fair, and other year-round community activities and services occur at the fairgrounds. This improvement will facilitate safer pedestrian access to the scheduled events from quickly growing adjacent residential neighborhoods and the City of Moses Lake. Parking to several events at the fairgrounds is not free and this improvement should encourage pedestrian use to scheduled events.

10. Describe what is the expectation of the population of the geographic area to use, benefit, or be served by the project.

The population service area providing direct potential users to this improvement is estimated to be 1,500 to 2,000 residents and visitors at present, with the population service area expected to double in the next 20 years. Moses Lake and the surrounding unincorporated area currently has a population greater than 35,000.

This project is endorsed by the Moses Lake Trail Planning Team and will provide a missing link which will allow connectivity to the larger regional pedestrian/bike facilities.

11. Describe how this project will improve safety and either reduce crashes or reduce the potential for future crashes

The project will incorporate ADA compliant detectable warning areas. Pedestrians will be afforded the opportunity to use this planned facility separated from vehicle travel lanes by a barrier curb.

Current accident data is not available. Accidents that have occurred along this stretch of roadway were not recorded in Mobility (County database) and were lost. However, pedestrian accidents along the north side of Valley Rd. would be expected to decrease with this improvement.

12. Demonstrate local or regional support of the project. (letters of support, previous public involvement and input, partnerships with private or public agencies)

The County Fairgrounds Department is supportive of this project and will contribute some funding to the channelization portion of the work.

A letter of support from the Moses Lake Trails Planning Team is supportive of our efforts to construct this sidewalk. That letter is attached.

13. Describe how this project will benefit tourism. Describe the current tourism impact and quantify how this will benefit the community.

Grant County gets many visitors to events at the Fairgrounds and this project will provide a safer route for those wishing to walk to sponsored fairgrounds events and destinations near by.

14. Describe how this project enhances connections or existing facilities. (i.e. trail/path connections). Please provide a drawing and description of existing facilities, and how this enhancement completes the connection.

This sidewalk project will connect sidewalks currently located at both ends of the project allowing connectivity to larger regional pedestrian/bike facilities. A vicinity map and typical cross section drawing are attached.

15. Describe how the project will enhance existing resources.

This link, once connected, may encourage use of this route for special community walking or running events. This connecting link will also aid use by those wishing to walk to work or commercial areas near the Fairgrounds.

16. Describe how this enhancement project meets regional transportation plans, policies and goals. Specifically list where this project has been previously approved in regional or local plans, policies, or goals for this project.

This project was listed on previous 6 Year Transportation Improvement Plans and is listed on the 2011-2016 Grant County 6 Year Transportation Improvement Plan. Moses Lake area pedestrian/bike interconnections are all supported by the Moses Lake Trail Planning Team in order to foster a more livable and healthy community.

17. Describe the project's ability to preserve and enhance significant natural and cultural resources.

The Grant County Fairground events are considered a significant cultural resource, and this improvement will serve to enhance that resource.

18. Describe the unique regional importance of the project

The Grant County Fairgrounds is of regional importance and this project will serve the fairgrounds for many years into the future.

19. Demonstrate the need of the project by providing previous conceptual project plan dates, previous funding requests, and/or planning programs that included the project.

This project was originally planned for construction at the time Valley Rd. was improved in the early 1980's to four lanes. Insufficient local funds prevented the work from being completed.

20. Are there any circumstances that could delay this project and/or are there any critical times associated with this application? (e.g., right of way acquisition, environmental documentation, other funds needed to match other applications, etc.) Does this application request sufficient funds that result in a complete and usable facility.

The land on which the improvement will be made is owned by Grant County. Grant County has the financial resources to meet any federal matching dollars requirements, if any. The attached project estimate is for a complete work and Grant County will assume maintenance of the facility once completed by the Contractor.

21. Statewide Significance - Explain how this project benefits tourism, improves safety, enhances connections to regional or statewide systems? Is this project recognized as a scenic highway, on the state historic register, or on the national historic register?

This project completes a missing link in the local trails and sidewalks system. Safety will be improved. Benefits to tourism are supportive and indirect.

22. Approval/Concurrence of Submitting /Lead Agency

This project has the approval/concurrence of the submitting agency, is consistent with the agency comprehensive plan.

AGENCY Grant County

DATE: 7-6-10

BY: 
Cindy Carter, Chair
Board of County Commissioners

23. Approval of Receiving Agency that will operate and maintain

23. Approval of Receiving Agency that will operate and maintain

This project has the concurrence of the agency and this agency will provide ongoing maintenance and operations for the anticipated design life of the proposed project.

AGENCY Grant County Public Works

DATE: 7/6/10

BY: 
Derek Pohle, P.E.,
Director and County Road Engineer



Project Area

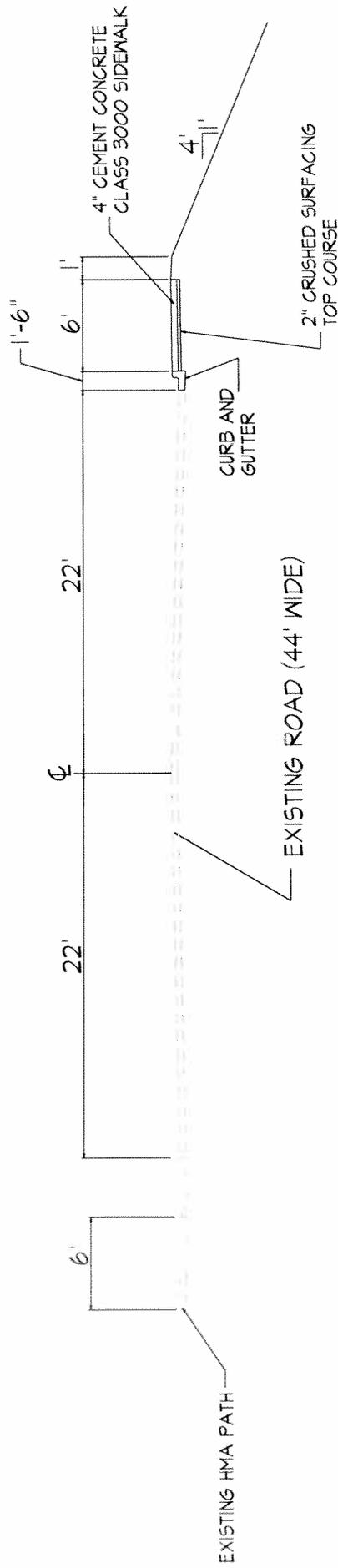
Vicinity Map

Valley Road Sidewalk
(Paxson to Airway)
MP 1.00 to MP 1.36

- Legend**
-  State Highways
 -  County_Outline
 -  Railroad
 -  Lakes and Streams
 -  Grant County Sections

ROADWAY SECTION

VALLEY RD. FROM MP 1.00 to MP 1.36



NOT TO SCALE



GRANT COUNTY PUBLIC WORKS DEPARTMENT

124 ENTERPRISE ST SE
 EPHRATA, WASHINGTON 98925
 (509) 754-6082 FAX (509) 754-6087

**VALLEY ROAD SIDEWALK
 (Paxson to Airway)**

DESIGNED BY:
 DRAWN BY:
 CHECKED BY:
 REVISIONS BY:
 DATE REVISED:
 FEDERAL AID NO.:

SHEET 1

OF



Valley Road, looking east



Valley Road, looking east

Valley Road Sidewalk (Paxson to Airway)

MP 1.00 to MP 1.36
Estimate 7-1-2010

Item #	Total Quantity	Unit	Item Description	Construction Contract	
				Unit Price	Total Amount
PREPARATION					
1	100%	L.S.	Mobilization	\$15,000.00	\$15,000.00
2	100%	L.S.	Notification	\$500.00	\$500.00
3	100%	L.S.	Clearing and Grubbing	\$1,000.00	\$1,000.00
4	225	L.F.	Remove Existing Concrete Curb and Gutter	\$3.00	\$675.00
4	1,875	L.F.	Saw Cut	\$1.25	\$2,343.75
GRADING					
6	750	C.Y.	Roadway Excavation including Haul	\$10.00	\$7,500.00
7	500	C.Y.	Embankment Compaction	\$2.00	\$1,000.00
DRAINAGE					
8	3	Each	Drywell Type A with 12" Riser	\$2,000.00	\$6,000.00
9	100	C.Y.	Gravel Backfill for Drywells	\$20.00	\$2,000.00
10	3	Each	Catch Basin Type A with 12" Riser	\$1,500.00	\$4,500.00
11	60	L.F.	Soild Wall PVC Storm Sewer Pipe 10" Diam.	\$45.00	\$2,700.00
12	15	C.Y.	Gravel Backfill for Pipe Zone Bedding	\$30.00	\$450.00
13	70	S.F.	Shoring or Extra Excavation Class B	\$2.00	\$140.00
SURFACING					
14	185	C.Y.	Crushed Surfacing Base Course	\$25.00	\$4,625.00
15	185	C.Y.	Crushed Surfacing Top Course	\$30.00	\$5,550.00
HOT MIX ASPHALT					
16	150	Tons	HMA Class 1/2" incl. PG64-28 Paving Asphalt	\$95.00	\$14,250.00
TRAFFIC					
18	1,875	L.F.	Curb and Gutter Type A	\$9.00	\$16,875.00
19	1,250	S.Y.	Concrete Sidewalk	\$22.00	\$27,500.00
21	3	Each	Cement Concrete Sidewalk Ramp Type 2A, Detectable Warning Area	\$450.00	\$1,350.00
24	125	S.F.	Plastic Crosswalk Line	\$10.00	\$1,250.00
26	100%	L.S.	Project Temporary Traffic Control	\$4,500.00	\$4,500.00
OTHER ITEMS					
27	180	C.Y.	Structure Excavation Class "B" Including Haul	\$25.00	\$4,500.00
28	100%	L.S.	Trimming and Cleanup	\$1,500.00	\$1,500.00
29	1.00	Dol.	Minor Changes	-\$1.00	-\$1.00

Construction Contract Total \$125,707.75

Derek Pohle, P.E.
Director of Public Works/
County Road Engineer

Contingency 10% \$12,570.78

Preliminary Engineering 10% \$12,570.78

Construction Engineering 15% \$18,856.16

Total Project Cost \$169,705.46

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GRANT CO. PUBLIC WORKS

The Moses Lake Trails Planning Team (TPT) supports the effort of the Public Works Department of Grant County to create an important sidewalk link between Airway Drive and Paxton Drive, along the north side of Valley Road.

A sidewalk link from Airway to Paxton will provide better pedestrian access to the Lauzier Park Ballfields and on to Downtown Moses Lake. This connection fits well with the Trail Planning Masterplan adopted by the City of Moses Lake for making Moses Lake a healthy, physically active community. We encourage your support for Grant County's proposal.


Joe Rogers Co-chair TPT


Dr. Mike Riggs, Co-chair TPT

Motion approved unanimously at the TPT meeting June 15, 2010

