RECEIVED
JUL 09 2010
GRANT CO. PUBLIC WORKS

2010
TRANSPORTATION ENHANCEMENT APPLICATION

1. Project Title : Beezley Hill Trail – Phase 1

2. Lead Agency: City of Ephrata

3. Contact Person: Bill Sangster (Name) Public Works Director (Title)

4. Phone: 509-754-4601 Ext 114

   Email: bsangster@ephrata.org

   Address 121 Alder St SW

   Ephrata (City) Washington (State) 98823 (Zip Code)

5. Does sponsoring agency have "Certification Acceptance: status from WSDOT?
   ☐ Yes ☐ No N/A
   If No, which agency will serve as your CA sponsor and please fill-out CA confirmation form.

6. Type of Enhancement Project:

X 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.**

This project is Phase I of a paved recreational trail 10 feet wide by 1.7 miles long located at the base of Beezley Hill above the Bureau of Reclamation, Columbia Basin Project West Canal. The overall trail will be 3 miles long when completed. There are parking lots planned on the north and south end of the trail. This trail will take pedestrian traffic off of Highway 28 and the West Canal maintenance road. The proposed trail will provide greater access to the Beezley Hill recreation area. The trial will also provide better access for the Quincy Irrigation District maintenance vehicles along the west side of the canal. Signage is planned to identify local flora and fauna along the trail route. A rest area with a water fountain and basalt benches for seating is planned for the south end of the trail.

Phase II of the trail (which is not part of this application) will continue the 8 foot wide paved trail another 1.3 miles to Oasis Park for family enjoyment of local golf, fishing and camping.

The scope of work will involve surveying, grading, graveling, back-filling for the trail, providing drainage culverts, placing benches along the trail, asphalting, paved parking lots, adding safety fencing, a retaining wall and reseeding the disturbed areas with native species of once the trail is in place.

The new trail will be built on an old construction haul road used when the West Canal was being constructed. This primitive road will be much of the base for the trail as it is within the Bureau of Reclamation right-a-way. The surrounding area is a serene hillside overlooking the city of Ephrata covered with natural grasses, plants and wild flowers, sage brush, and local wildlife. The beauty is its desert-like natural look with unobstructed views for miles looking east, north, and south.

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.**

The project promotes economic revitalization with the construction work creating jobs for approximately 10 people for one month of surveying, earth moving, asphalting, and repairing the land when finished. Also, according to a study by Dr. John Crompton denotes that trails such as this have a positive effect on local real estate values in the area.

The project will bring tourists to the area for fun runs, walks, bicycle races, and hiking to enjoy our 4 seasons and a great deal of sunshine indicative to this area of Grant County. It will be accessible for nonmotorized vehicles such as strollers,

wheel chairs, in-line skaters, and the like. The local people will be able to further enjoy the area daily as it will become more accessible for a variety of ages and abilities.

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.**

   Travel modes will be for nonmotorized vehicles. The trail will provide a safe route for walkers, joggers, strollers, cyclists, hikers and the like from our nearby downtown area to Oasis Park and the Beezley Hill recreation area. It is estimated that the new trail will be very popular as it provides a safer route for those currently using the maintenance road for activities. The new trail will also provide greater and easier access to the Beezley Hill recreation area. The view along this new trail is spectacular.

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

    The local people can expect greater use of the Beezley Hill Recreation area as the new paved trail will provide a clear zone through the native vegetation. The trail will allow more extended use by providing a hard surface free of dust, mud, and vegetation. It will also provide better access for emergency vehicles should the need arise.

    Currently there are already in place events that many local people enjoy such as the Beezley Burn Bike Race, the Autism Walk, the New Year's Day hike up Beezley Hill, the City of Ephrata Turkey Trot, the Ephrata School District wellness team Your Ephrata Schools Working On Wellness (Y.E.S.W.O.W.) sponsored walk up Beezley Hill, and local church members hike the hill for Easter Sunrise Service. Because our community has limited sidewalks, safe pedestrian travel is difficult. This will provide a safe place for people to exercise for good health and wellness.

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

    Removing pedestrians off of local streets (Ephrata has limited neighborhood sidewalks) will provide less interaction between cars and pedestrians. It will keep cyclists off Hwy 28 as they try to get to the Oasis Park. Also there is a benefit for the Bureau of Reclamation and the Quincy Irrigation District which will provide a different place and a safer place for walkers, joggers, etc. to recreate off of the canal maintenance road that many locals currently use.

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

    Local and regional support of the project are the following partners and sponsoring agencies: the Bureau of Reclamation, Quincy Irrigation District, Jim Baird, land owner, City of Ephrata, Grant County, Paul Lazier Foundation, North Central Washington Foundation, Ephrata Wal-Mart, Ephrata Lions Club, Grant County Public Utility District, Letters of support are enclosed.

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

    The Ephrata region experiences many days of sunshine year round which attract many to bring people to the area. This new trail will increase the attraction. Enjoying the out of doors and participating in events such as the Beezley Burn, the Autism Walk, and other future events will allow for greater access to the Beezley Hill recreation area through this trail system and will enhance this area for future use.

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 trail system will connect the downtown corridor, the Port of Ephrata trails, the Beezley Hills recreation area, and Oasis Park will be linked extending the City of Ephrata's trail system considerably. Many area employees will be able to enjoy the benefits of this trail on their lunch hour, as will those that use it before or after their working day. Please refer to the enclosed broucher of the Ephrata Community Trails for a visual description of our current and future trails.

15. **Describe how the project will enhance existing resources.**

    Resources will be enhanced through an improved access to a growing recreation area by a greater population of locals and tourists alike.

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.**

    Ephrata Community Trails are listed in the City of Ephrata Park Recreation & Open Space Plan as well as the Ephrata Parks Master Plan This trail also meets with the health and safety goals of the City of Ephrata, Grant County, the State of Washington and the Federal Government.

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

Our trail plan will enhance and preserve local flora and fauna by keeping users on a specified path/route to protect native vegetation. Disturbed soil will be replanted with local native Beezley Hill blend of seed. We have plans to educate trail users about the native vegetation and wildlife native to the area with signs depicting what is seen along the trail route.

18. Describe the unique regional importance of the project.

The regional importance of our proposed trail is recreation, tourism, health and wellness, scenic view and access to an ever increasing use of the Beezley Hill Recreational are. Our project will enhance tourism and use of the area by local citizens.

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

The Ephrata Community Trails committee has been working on local trail plans for 16 years. During the past 5 years, this same committee has been working on the Beezley Hill Trail Phase I plan. We have been in contact with the Bureau of Reclamation and their managing partner, the Quincy-Columbia Basin Irrigation District, and the land owners of the City of Ephrata, Grant County Public Utility District, and Jim Baird since 2005. We secured Partial funding through the Paul Lauzier Foundation, Grant County, Ephrata Wal-Mart, Ephrata Lions Club, and the North Central Washington Foundation We continue to remain in contact with each agency and funding partner as we have been going through all the necessary steps to plan for this trail. With the proper amount of funding in place, we will go to bid as soon as possible. The ideal time to complete this project would be late summer or early fall of 2010.

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 only potential delays to project other than insufficient funding are as follows: We are waiting for an easement from the Grant County Public Utility District. We do have a letter of intent that is favorable for our project from them. According to PUD official who is handling this easement has stated we should have it by mid August. The only other potential delay is that we have a final draft copy of a Consent-to-Use Agreement from the Bureau of Reclamation. This

Agreement is currently being approved by legal staffs of the various agencies. We feel that the agreement will be completed by the end of August.

If granted our financial request from the Transportation Enhancement Application we will have adequate funding to complete our project.

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?

The statewide significance of the Beezley Hill Trail Phase I is to provide enhanced recreational opportunities for tourists and local citizens on the Beezley Hill Recreational area. Equally important is the benefit of **safety** in removing pedestrians from the local streets and canal maintenance road to the trail area instead. Thousands of people use Grant County for its sunny weather, lakes and rivers for fishing, and recreating, open spaces for unobstructed vistas and off-road motorized vehicles, outdoor music concerts, sail plane use, and much much more! The Beezley Hill Trail Phase I will enhance the area's use in another way not yet enjoyed.

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 City Of Ephrata

DATE: 09 JULY 2010 BY: _____
(Mayor / Chairman/Responsible Party)

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 City of Ephrata

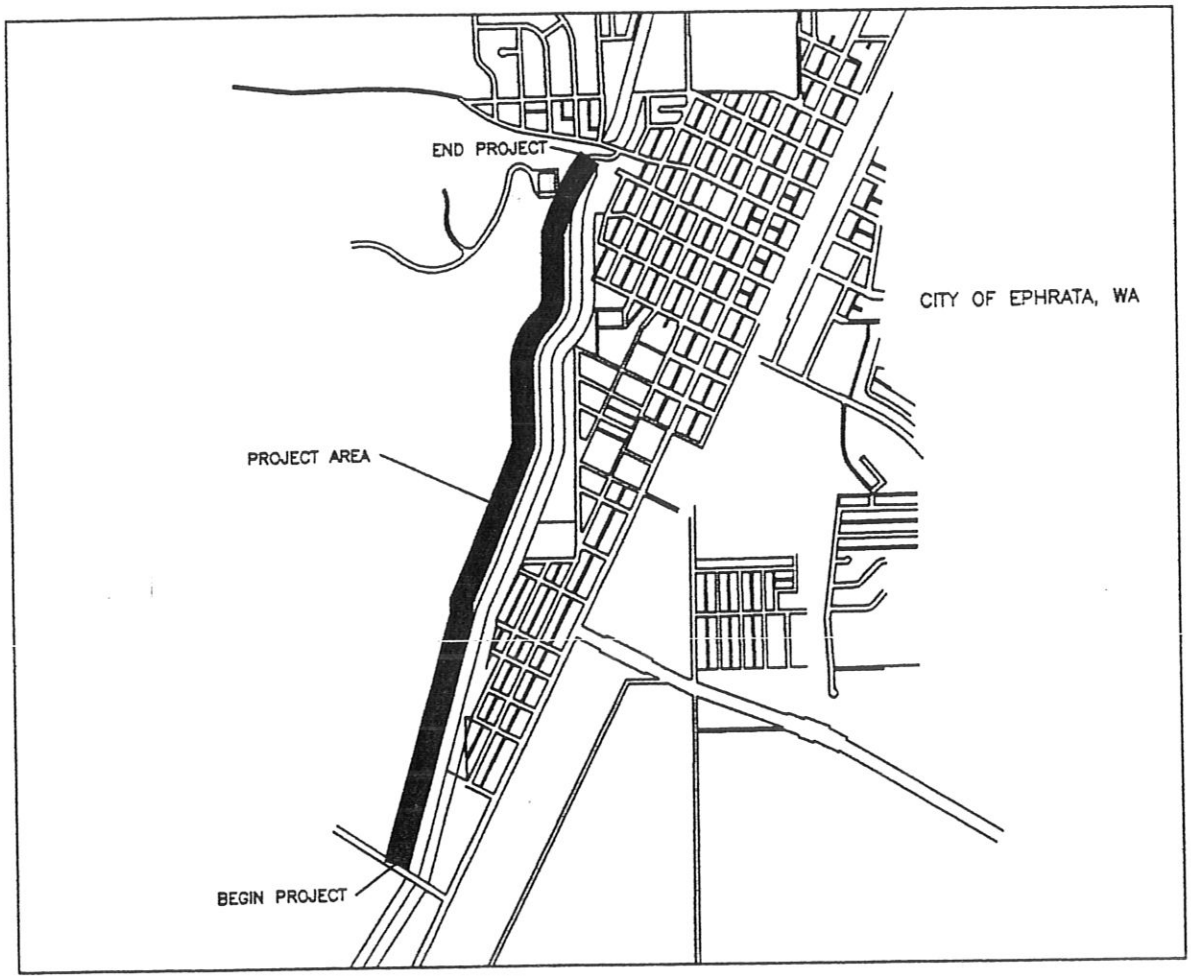
DATE: 09 JULY 2010 BY: _____
(Mayor / Chairman)

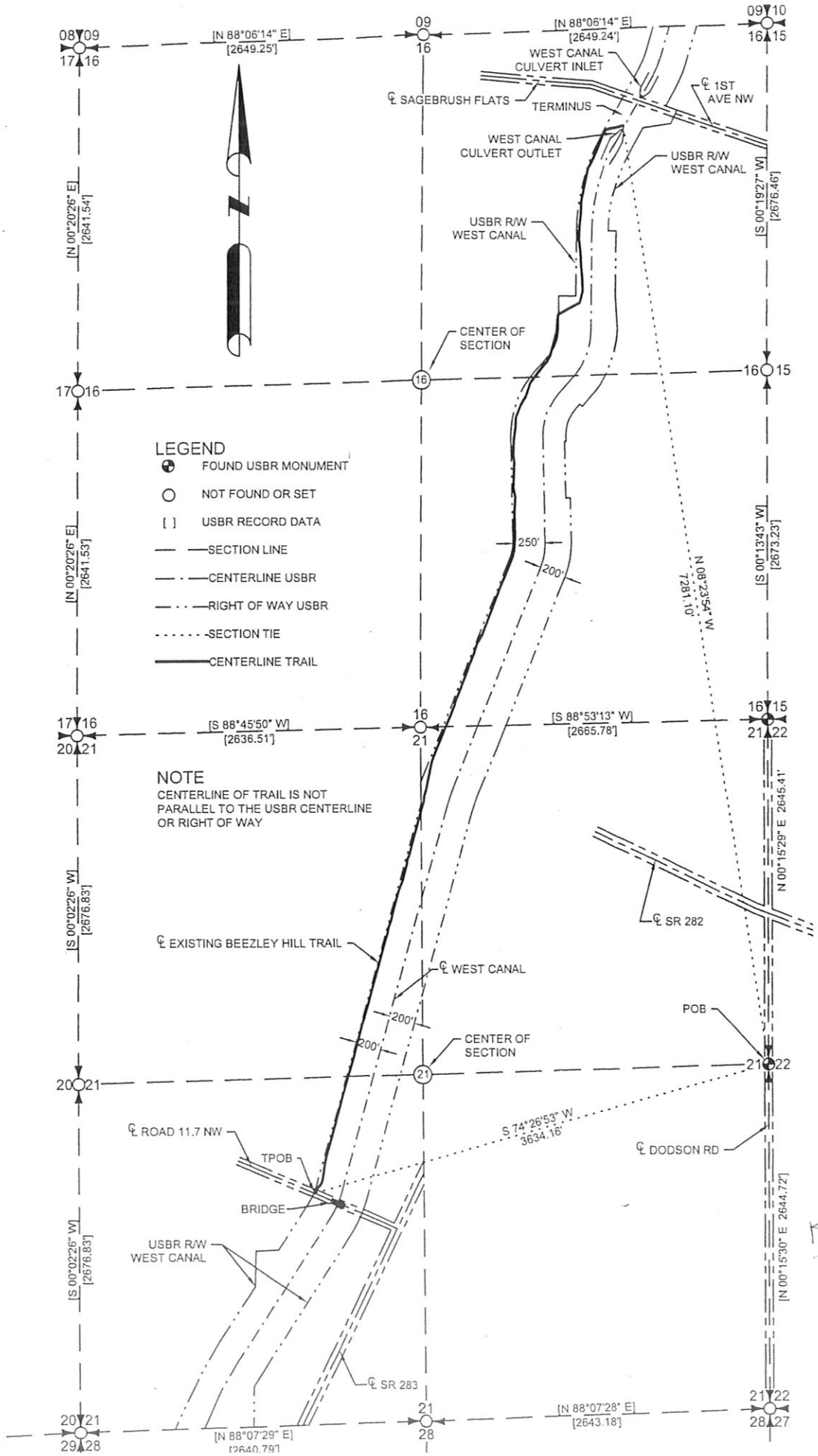
Beezley Hill Trail Cost Estimate

1.7 Miles of 10' wide trail.

No.	Descripton	Bid Quantity		Bid Price	Amount
1	Mobilzation	1	LS	$10,000.00	$10,000.00
2	Clearing & Grubbing	1	LS	$750.00	$15,000.00
3	Subgrade Preparation	5825	LF	$3.00	$17,475.00
4	Roadway Excavation	1690	CY	$2.00	$3,380.00
5	Embankment Compaction	2855	SY	$3.00	$8,565.00
6	Culverts	266	LF	$45.00	$11,970.00
7	Top Course	2205	TN	$15.00	$33,075.00
8	Aspalt Paving	1195	TN	$80.00	$95,600.00
9	Catch Basin systems	1	EA	$3,000.00	$3,000.00
10	Curb & Gutter	635	LF	$10.00	$6,350.00
11	Retainning Wall	1240	SF	$12.00	$14,880.00
12	Fencing	705	LF	$13.00	$9,165.00
				Totals	$228,460.00
	Survey & Inspection	1	LS	$12,000.00	$12,000.00
	Total Project Cost				**$240,460.00**
	Current Assets on hand				$112,000.00
	Total Enhancement Request:				**$128,500.00**

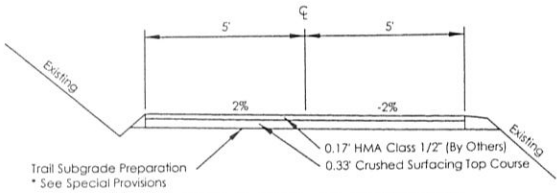
VICINITY MAP





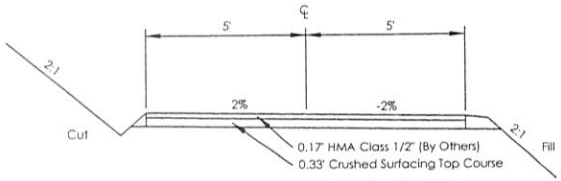
Knudson Plat

Trail Cross-Section A



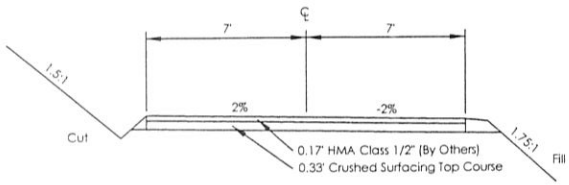
Sta. 10+00 to Sta. 30+00
Sta. 32+00 to Sta. 35+50
Sta. 40+00 to Sta. 41+75
Sta. 46+25 to Sta. 61+75
Sta. 63+50 to Sta. 65+50
Sta. 67+00 to Sta. 68+50
Sta. 69+50 to Sta. 79+00
Sta. 80+00 to Sta. 84+50
Sta. 83+50 to Sta. 84+50

Trail Cross-Section B



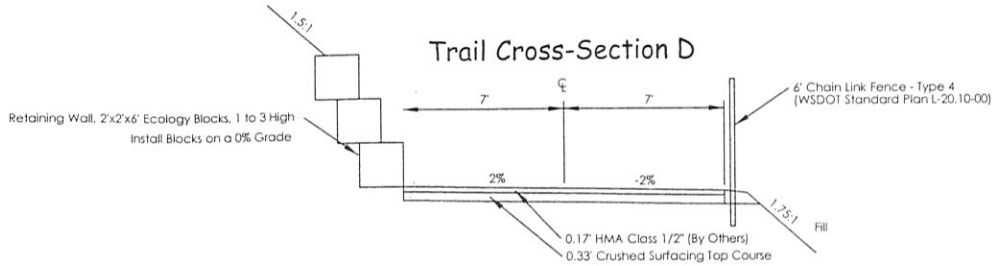
Sta. 30+00 to Sta. 32+00
Sta. 35+50 to Sta. 40+00
Sta. 41+75 to Sta. 46+25
Sta. 61+75 to Sta. 63+50
Sta. 65+50 to Sta. 67+00
Sta. 68+50 to Sta. 69+50
Sta. 79+00 to Sta. 80+00
Sta. 82+50 to Sta. 83+50

Trail Cross-Section C



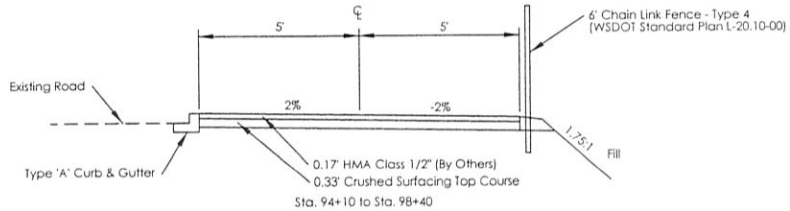
Sta. 84+50 to Sta. 86+85
Sta. 89+10 to Sta. 94+10

Trail Cross-Section D



Sta. 86+85 to Sta. 89+10

Trail Cross-Section E



Sta. 94+10 to Sta. 98+40

Culvert Details

			Inlet			Outlet		
Culvert #	Size	Length	Station	Offset	Invert Elev.	Station	Offset	Invert Elev.
1	18" Diam.	37'	31+19	16' Lt	1320.1	31+15	21' Rt	1318.7
2	18" Diam.	44'	36+25	20' Lt	1327.7	36+25	24' Rt	1326.7
3	18" Diam.	38'	43+70	17' Lt	1338.6	43+70	21' Rt	1337.6
4	42" x 30"	30'	62+35	15' Lt	1326.3	62+35	15' Rt	1325.5
5	18" Diam.	29'	66+50	12' Lt	1343.7	66+50	17' Rt	1343.0
6	18" Diam.	28'	69+05	12' Lt	1365.6	69+05	16' Rt	1364.7
7	24" Diam.	30'	79+30	15' Lt	1323.5	79+30	15' Rt	1322.5
8	24" Diam.	30'	82+85	15' Lt	1305.3	82+85	15' Rt	1304.8

All Culverts shall have a 3"x3" Grate Screen on both ends (Inlet and Outlet)
All Culvert ends shall be beveled at a 2:1

99% Review Set - NOT for Construction!

APPROVED FOR CONSTRUCTION BY:

CITY OF EPHRATA, PUBLIC WORKS DIRECTOR DATE

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	3/12/09	USBR Comments	JT
2	11/1/09	USBR/QCBID Comments	JT

Beezley Hill Trail

TRAIL CROSS SECTIONS & CULVERT DETAILS

FOR: City of Ephrata

TINCHER ENGINEERING
19014 RD. A.5 NE
SOAP LAKE, WA 98851
Phone: (509) 398-7991

JEFFREY C. TINCHER STATE OF WASHINGTON 22336 REGISTERED PROFESSIONAL ENGINEER

PLOT DATE: November 1, 2009
DRAWN BY: JEFF TINCHER
CHECKED BY: JEFF TINCHER
SCALE: N.T.S.
PROJECT # 07-005

Sports Complex Soccer Fields

SCHOOLS

1) Columbia Ridge Elementary School
2) New Life Christian School
3) St. Rose of Lima Catholic School
4) Ephrata Middle School
5) Parkway School
6) Grant Elementary School
7) Ephrata High School

PARKS

1) Grandview Park
2) Ephrata City Cemetery
3) Lion's Park
4) Bambino Park
5) Oasis Park
6) Lee Park
7) Ephrata Sports Complex
8) Skate Park
9) Splashzone, Ephrata's Community Pool
10) Sun Basin Plaza
11) Boyd Mordhorst Community Gun Range
12) Grant Elementary Playfields
13) EHS Sports Complex
14) Columbia Ridge Playfields

OTHER LOCATIONS

A) Ephrata Airport
B) Port of Ephrata
C) Tennis Courts
D) Columbia Basin Hospital & Medical Center
E) Ephrata City Hall
F) Ephrata Recreation Center
G) Ephrata Medical Center
H) Ephrata Public Library
I) Chamber of Commerce/Greyhound/Amtrak
J) Grant County Museum
K) Washington Dept. of Fish & Wildlife
L) Ephrata Raceway Park

Splashzone, Ephrata's Community Pool

Skate Park

EPHRATA COMMUNITY TRAILS

Paved Paths
Bike Lane
Proposed Trails

Schools
Parks
Other Locations
Bus Stops

0 400 800 1200 1600 2000
SCALE IN FEET

04/03/2004

TRANSPORTATION ENHANCEMENT PROGRAM

Certification Acceptance (CA) Confirmation:

Certification Acceptance (CA) is a program in which the Federal Highway Administration (FHWA) delegates authority to the Washington State Department of Transportation (WSDOT) for approving project development and construction administration on federal-aid projects. WSDOT has the option of further delegating this authority to qualified agencies. All federal-aid projects must be administered by a CA agency. Non-CA entities can apply for Transportation Enhancement funding, but they must have a CA agency sponsor the project. This sponsorship must be in place prior to applying for funds. All 39 counties in Washington State have CA status, as well as approximately 60 cities, and the six WSDOT region Local Programs offices.

Non-CA entities must have this sheet signed by the CA agency that will administer the proposed enhancement project. This signed confirmation must be included with all project proposals submitted by non-CA entities.

Non-CA Entity: _____

Project Title: _____

CA Agency: _____

CA Representative
Signature: _____

Printed Name: _____

Title: _____

NOT REQUIRED AS PER
PAUL MAHRE - NCR WSDOT
CALLED HIM ON 7/7/10