

**EXHIBIT “E”**

**SECTION 130 GRANT APPLICATION**

2017 Railway – Highway Crossings Program  
 (Section 130)  
 Application for Funding



Local Programs Division

Local Agency Name: *City of Wenatchee*  
 Contact Person(s): *Matt Leonard*  
 Title: *Public Works Director*  
 Street Address: *1350 McKittrick Street*  
 City, State, Zip: *Wenatchee, Wa 98801*  
 Phone: *509-888-3204*  
 Email: *MLeonard@WenatcheeWa.gov*

Name of Metropolitan or Regional Planning Organization: *Chelan Douglas Transportation Council*

State Legislative District #(s): *12*

Congressional District #(s): *10*

See: <http://app.leg.wa.gov/DistrictFinder/Home/>

Crossing Name: *9<sup>TH</sup> ST*  
 USDOT Crossing number: *065838N*

WSDOT Region assigned to the jurisdiction: See <http://www.wsdot.wa.gov/LocalPrograms/regional.htm> for more information.

Eastern     North Central     Northwest     Olympic     South Central     Southwest

If any projects in this application involve roadways owned or managed by another jurisdiction, such as an City, County, Indian Tribe, or WSDOT, list the roadways:       N/A      

Please include a letter or email from each of the other jurisdictions that indicates concurrence with this application. Projects on state routes shall be coordinated through the appropriate WSDOT regional office. Contact the Region Local Programs Engineer at <http://www.wsdot.wa.gov/LocalPrograms/regional.htm> to request concurrence.

Comments: *This project does not involve and State, Tribal, or County roadways.*

Attachment: The following item must be included with the application.

- Detailed vicinity map, with clearly marked project limits, that shows the project's location.

General Project Information:

*9<sup>th</sup> Street is an urban minor arterial in the City of Wenatchee, with a 2-track railroad crossing. It is listed in the City's adopted freight plan as a "supporting freight system" roadway, as it connected SR285 and Wenatchee Avenue with the industrial area to the east of the BNSF railroad tracks. Additionally, 9<sup>th</sup> Street is a connection from the zoned North Wenatchee Business District (NWBD) with the Waterfront Mixed Use (Waterfront) area on the other side of the railroad tracks. Located in the NWBD district in the vicinity of 9<sup>th</sup> Street are grocery stores, a local hospital, banks and restaurants. These are destinations for drivers and pedestrians in the Waterfront area, which has a large mix of recreation opportunities, as well as businesses and homes. Directly east of the railroad tracks on 9<sup>th</sup> Street is a large apartment complex that already has plans for expansion, which will further increase vehicle, pedestrian, and bicycle users crossing the railroad tracks as they approach the business district.*

*Our desire with this grant funding is to improve the railroad crossing at 9<sup>th</sup> and the railroad tracks for pedestrians, bicycles, and vehicles by clearly defining their routes, using both positive protection (Z Gates and automatic gates), clear routes (pouring concrete walkways over the tracks and connecting to existing sidewalk in all quadrants), and better signage and pavement markings. Currently there is no sidewalk crossing the tracks, and pedestrians must either enter into the paved lane, or walk out onto the gravel shoulder and step over rails to cross*

back and forth. The goal of the project is to improve safety for those users, the vehicles on the roadway, and the daily trains which cross the tracks. One additional way that we will seek to improve safety for all users at the crossing is to install a small illumination system that will complete a lighting gap on 9<sup>th</sup> Street near the railroad crossing. Luminaires would be designed to provide light crossing of the tracks to a level that the City and BNSF agree to. BNSF will be expected to perform the work near the tracks within their right of way, by agreement with the City.

**Roadway Data**

Posted Speed Limit	25 MPH
Traffic Count/year (AADT)	4950
Busses per day	98 year round, addl. +14 Nov-April
Vehicles per day	4724
Commercial motor vehicles per day (truck)	124

- Sidewalks
- Paths
- Bike Lanes
- Urban
- Rural
- Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local Access

**Railroad Data**

Railroad Name	BNSF
Number of tracks	2 MAIN
Train Speed*	50 MPH
Trains per day*	22

*Did not hear back from BNSF, this data came from UTC, could be lower at times.*

\*Obtain information from the Railroad. The Washington Utilities and Transportation Commission (UTC) can provide Railroad contact information. UTC Contact: Betty Young [BYoung@UTC.WA.GOV](mailto:BYoung@UTC.WA.GOV) 360 664-1202

**Exposure Factor:**

Number of trains per day multiplied by number of vehicles per day:  $22 \times 4950 = 108,000$

**Existing Warning Devices:** List existing warning devices, e.g. pavement markings, crossbucks, shoulder mounted signals, cantilever signals, automatic gates, etc.

*Existing shoulder and cantilever mounted signals & automatic gates for vehicles in driving lanes, Northbound & sign Southbound. Stop bars painted on roadway prior to automatic gates. Westbound direction has a single chevron warning sign on the shoulder.*

**Accidents:** Enter the number of train/vehicle accidents for the last five years. The UTC can provide information concerning train/vehicle accidents. UTC Contact: Betty Young: [BYoung@UTC.WA.GOV](mailto:BYoung@UTC.WA.GOV) 360 664-1202

*No collisions have been reported in this location in the last 5 years.*

**Rating Factors:**

	Yes	No
Crossing Closure		X
Hazardous Materials Rail/Truck	X	

Bike/Pedestrian Use	X	
Truck Route	X	
Bus Route	X	
Traffic Signal less than 200 feet from Crossing/Limited vehicle storage		X
Crossing Grade more than 5%		X
Passenger Train Use	X	
Train Speed over 25 mph	X	
RR/Public reported Near Misses		X

**Stopping Sight Distances:**

Required Stopped: 1273 (in feet)

Stop NE to NE: \_\_\_\_\_

Stop NE to SW: TRAVELING WESTERLY LOOKING NORTHERLY AND SOUTHERLY 1682.82 FT

Stop SE to NE: TRAVELING EASTERLY LOOKING NORTHERLY AND SOUTHERLY 2033.61 FT

Stop SW to SW: \_\_\_\_\_

The intersection angle of the grade crossing should be, as close to a right angle as is practical for the location so that sight distances for both the road user and the train operator will be optimized.

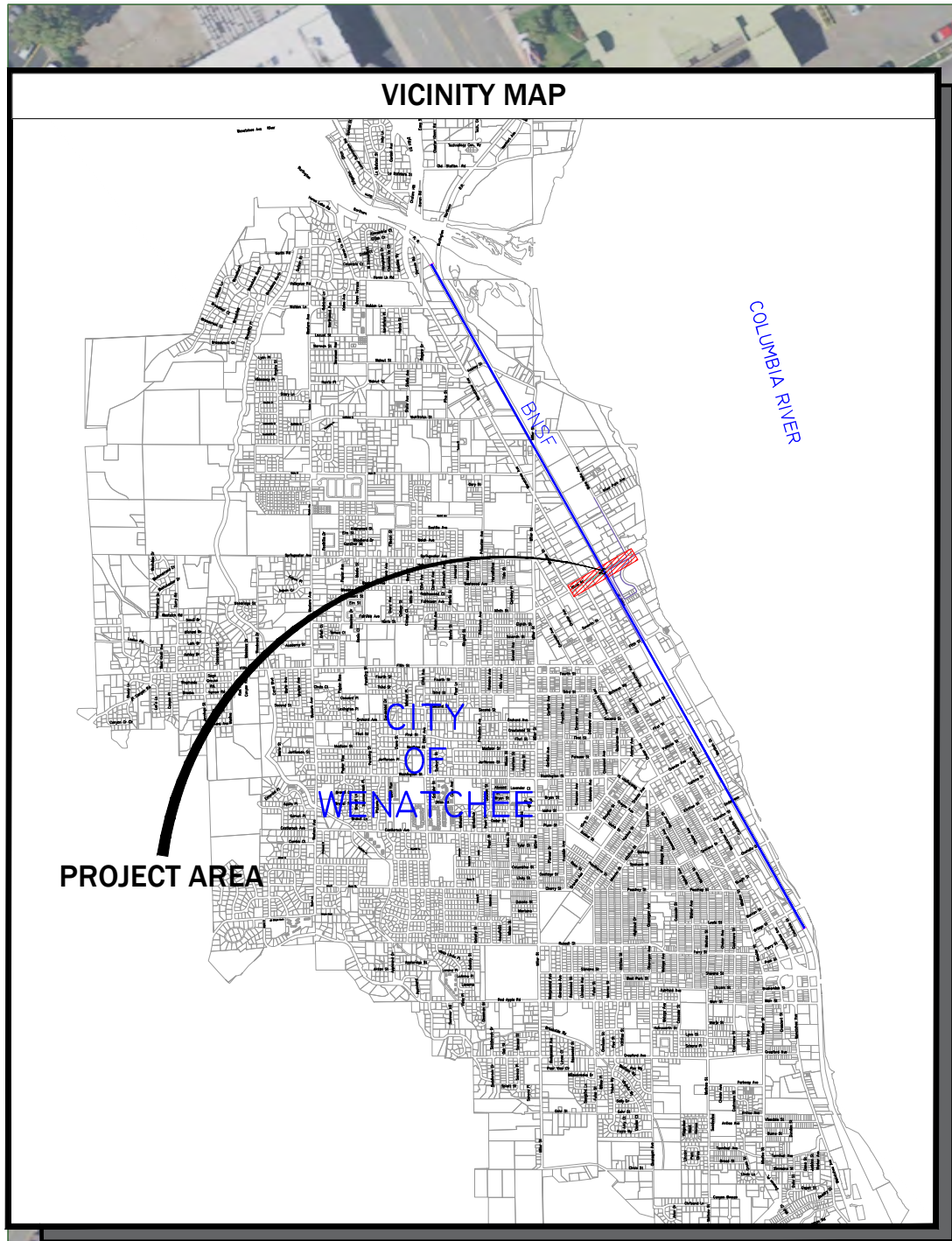
Crossing Angle: 90°

Project Schedule (enter dates as MM/YYYY)	
<i>Project Milestone</i>	<i>Estimated Date</i>
Project added to the Statewide Transportation Improvement Program (STIP)	01/2018
Begin PE (PE authorized by WSDOT/FHWA)	06/2018
Environmental documents approved (required for every project)	10/2019
Right of way completed (certification, if required)	03/2019
Railroad contract	02/2019
Contract advertised for roadway work (if required)	04/2019
Contract awarded (must occur within two years of selection)	05/2019
Open to traffic	08/2019

*Project Budget				
Phase	Total Cost <sup>1</sup>	Local Match	Local Match Source	Program Funds Requested <sup>1,2</sup>
Preliminary Engineering	\$64,605	\$6,461	Arterial Street Fund	\$58,145
Right of Way	\$15,000	\$1,500	Arterial Street Fund	\$13,500
Construction	\$353,791	\$35,379	Arterial Street Fund	\$318,412
<b>Total</b>	<b>\$433,379</b>	<b>\$43,340</b>		<b>\$390,057</b>

\* Are ALL local match funds secured? Yes X No \_\_\_\_\_

1. Round all numbers to the nearest whole dollar (do not include decimals).
2. Projects require a ten percent local match per phase (preliminary engineering/design, right-of-way, and construction) for all eligible federal expenditures. If the construction phase is authorized by April 30, 2019 then that phase will be eligible for 100% funding (no local match required). Federal funds cannot be used as match for any phase.



VICINITY MAP  
 2017 Highway Crossings Program  
 (Section 130)



SCALE: AS SHOWN	DESIGNED BY	APPROVED BY	DRAWING NAME
DATE DRAWN 8/4/2017	DRAWN JBV	DATE APPROVED	
REVISIONS	CHECKED		
PROJECT NO.			
SHEET 1		OF 1	