

Washington Utilities and Transportation Commission

Grade Crossing Protective Fund Grant Application – Improvements at Public Passive Railroad Crossings

Project Information

1. The parties involved with this application are;
 - a. Washington State Department of Transportation (WSDOT). As owner of the facility, WSDOT is the applicant and will provide project management and all additional funding beyond the requested Grant amount.

Contact information for this project
Bob Westby – PCC Railway Manager
2714 N Mayfair St, Spokane, WA 99207
509-324-6086
westbyb@wsdot.wa.gov

- b. Washington and Idaho Railway (W&I). As the operating railroad the W&I will provide labor for installation of the new signage.

Contact information for this project
Jeremy Cash - Roadmaster
PO Box 275 Rosalia WA 99170
816-510-5725
jeremycashwirr@gmail.com

2. See attachment for crossing list
3. Cost Estimate (see attachment for breakdown of costs)

Total Project Cost	\$42,100.13
UTC Grant Request*	\$12,250.00
WSDOT Contribution	\$29,850.13
W&I Contribution	Labor for Installation

\$20,168.33
\$12,250.00
\$7,918.33

Per Revised Attachments

*49 crossings @ \$250/crossing

4. Schedule assumes Grant approval by January 1, 2015.
 - a. WSDOT orders and receives all required materials. January 1 – March 13, 2015
 - b. W&I install signage at 49 crossings. March 16 – May 29, 2015.
 - c. Project Complete – June 1, 2015
5. Signage on the P&L Branch is in generally poor condition with sign condition ranging from deficient reflectivity to nearly illegible letters on crossbucks. There is also a lack of Yield signage and no retroreflective tape on sign posts.

Revised
TR-143833

P & L / WIM 2014 Grade Crossing Protective Fund Grant Application

P&L Line

#	MP	DOT #	Crossing name	County	Speed Limits	48"x 9" Cross Buckets	30"x 30" Yield Signs	36"x 36" Yield Signs	30"x 30" Stop Signs	# of crossings	Retroreflective Strip	4x6x16 Post	6x6x16 Post	6x6x18 Post	V MIN	Remarks
1	2.6	058982N	Goss Rd	Spokane	25	2	2				4	2			V=5	
2	3.7	058983V	Anderson Rd	Spokane	45	2		2			4	2			V=5	
3	7.5	058988L	Perker Rd	Spokane	35	2					4	2			V=5	
4	8.6	058991M	Cameron Rd	Spokane	35	2					4	2			V=5	
5	10.1	058995P	Cornwall Rd	Spokane	35	2					4	2			V=5	
6	10.7	058996W	Watt Rd	Spokane	35	2					4	2			V=5	
7	10.9	058997D	N Spangle Rd	Spokane	35	2					4	2			V=5	
8	11.2	058998K	7 th St Spangle	Spokane	25	2	2			2	4		2		V=5	Four Crossings
9	11.6	059002F	2nd St Spangle	Spokane	25	2					4				V=7	
10	11.7	059003M	1st St Spangle	Spokane	25	2					4				V=7	
11	12.3	059004U	Keewey Rd	Spokane	35	2					4	2			V=5	
12	12.8	059005B	Spangle Waverly	Spokane	35	2					4	2			V=5	Use existing stop signs
13	15.4	059009D	Davis Rd	Spokane	35	2					4	2			V=5	
14	16.8	059011E	Whittier Rd	Spokane	35	2					4	2			V=5	
15	19.4	059015G	Plaza Rd	Spokane	35	2					4	2			V=5	
16	22.3	059017V	N Pine Creek	Spokane	35	2			2		4	2			V=5	
17	23.4	059019I	Babb Rd	Spokane	45	2					4	2			V=5	
18	25.3	059021K	Kelbey Rd	Whitman	35	2					4	2			V=5	
19	26.64	059024F	3rd St Rosalia	Whitman	25	2	2			2	4		2		V=5	Two Crossings
20	26.7	059025M	4th St Rosalia	Whitman	25	2				2	4		2		V=5	Two Crossings
21	26.8	059026J	5th St Rosalia	Whitman	25	2				2	4		2		V=5	Four Crossings
22	27	059028H	8th St Rosalia	Whitman	25	2	2			2	4		2		V=5	Two Crossings
23	27.1	059029P	9th St Rosalia	Whitman	25	2					4	2			V=5	
24	28.9	058897Y	LD Johnson	Whitman	35	2					4	2			V=5	
25	35.1	058911S	Flaig	Whitman	25	2					4	2			V=5	
26	36.2	058912Y	Hodges	Whitman	35	2					4	2			V=5	
27	37.3	058579M	Williams St	Whitman	25	2					4	2			V=5	
28	37.5	058581N	Bartlett St	Whitman	25	2				2	4		2		V=5	Two Crossings
29	37.6	058582V	Steptoe Ave	Whitman	25	2				2	4		2		V=5	Two Crossings
30	37.61	058583C	Alley	Whitman	25	2				2	4		2		V=5	Three Crossings
31	38.1	058585R	SR 27	Whitman	55	2		2			4	2			V=5	
32	38.2	808027V	Gardener Rd	Whitman	25	2				2	4		2		V=5	Two Crossings
33	38.23	808028C	Hume	Whitman	55	2		2			4	2			V=5	
34	42.9	058592B	Black Rd	Whitman	25	2				2	4		2		V=5	Two Crossings
35	43.7	058594P	Peringer Rd	Whitman	35	2				2	4		2		V=5	Two Crossings
36	44.3	058595W	Robertson N	Whitman	25	2				2	4		2		V=5	
37	47	058601X	Dry Crk Rd	Whitman	60	2			2		4	2			V=5	
38	49.1	058606G	3rd St Garfield	Whitman	25	2				2	4		2		V=5	
39	49.2	058607N	2nd St Garfield	Whitman	25	2				2	4			2	V=7	

Revised

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P&L Line

#	MP	DOT #	Crossing name	County	Speed Limits	48"x9" Cross Bucks	30"x30" Yield Signs	36"x36" Yield Signs	30"x30" Stop Signs	# of crossings	Retroreflective Strip	4x6x16 Post	6x6x16 Post	6x6x18 Post	V MIN	Remarks
40	49.6	058609C	SR 27 Garfield	Whitman	25	2	2				4	2			V=5	
41	50.7	066164A	Sunrise	Whitman	25	2	2				4	2			V=5	
42	58.5	066119F	SR 272 Palouse	Whitman	25	4	4			2	8		4		V=5	One single crossing and one double crossing
43	59.1	066181R	Spokane St	Whitman	25	2	2			2	4		2		V=5	Two Crossings
44	62	101349C	Mader Rd	Whitman	25	2	2				4	2			V=5	
45	62.5	066188N	L West	Whitman	25	2	2				4	2			V=5	
46	65.3	066195Y	Hall Fallon Rd	Whitman	25	2	2				4	2			V=5	
P&L Line Quantities																
						94	80	10	2	26	188	60	28	6		

WIM Line

#	MP	DOT #	Crossing name	County	Speed Limits	48"x9" Cross Bucks	30"x30" Yield Signs	36"x36" Yield Signs	30"x30" Stop Signs	# of crossings	Retroreflective Strip	4x6x16 Post	6x6x16 Post	6x6x18 Post	V MIN	Remarks
1	0.1	857867M	Mill St	Whitman	25	2	2				2	2			V=5	
2	0.15	857869B	SR27 - Bridge St	Whitman	25	2	2				2			2	V=7	
3	0.4	857872J	H St	Whitman	25	2	2				2	2			V=5	
WIM Line Quantities																
						6	6				6	4		2		
Cost per Item						\$8,327.00	\$2,728.78	\$458.30	\$121.02	\$687.44	\$1,545.79	\$3,200.00	\$2,380.00	\$720.00		

UTC Grant Request	Total Project Cost	\$20,168.33
WSDOT Contribution	\$250/Crossing	\$12,250.00
Washington and Idaho Railway Contribution	49 Crossings	\$7,918.33
Installation of signage		

Revised

Prices based on WSDOT sign shop July 2014.
Materials List and Cost

Sign Id	Name	Size	Sq.Ft	Fabrication Cost Per Sq.Ft	Totals
R15-1	RAILROAD CROSSING (CROSSBUCKS)	48"X9"(2)	6	\$11.75	\$70.50
SPECIAL	STRIP ON BACK OF EACH BLADE	48x2 (2 per sign)	1.33	\$9.60	\$12.77
				SUBTOTAL	\$83.27
R15-2	3 TRACK	27"X18"	2.25	\$11.75	\$26.44
R1-1	STOP	30X30	5.15	\$11.75	\$60.51
R1-1	STOP	36X36	7.45	\$11.75	\$87.54
R1-2	YIELD	30X30	2.7	\$11.75	\$31.73
R1-2	YIELD	36X36	3.9	\$11.75	\$45.83
	RETROREFLECTIVE STRIP	Ln.Ft	Ln.Ft Cost		
	2 INCH WHITE OR RED RETROREFLECTIVE STRIP FOR SIGN POST	60x2	0.83	\$9.60	\$7.97
	WOOD POST	Size	Cost Each		
		4"X6"X16'	\$50.00		\$50.00
		6"X6"X16'	\$85.00		\$85.00
		6"X6"X18'	\$90.00		\$90.00