

**URMD Safety Improvement Candidates ~\$500K**  
Sorted by Safety Score as of 8/16/16

Candidate #	Road	From	To	From (Mile post)	To (Mile post)	Activity Summary	FC	URMD?	Source	CPO	Safety (43%)						Safety Weighted Subtotal (43%)	Connectivity (28%)						Connectivity Weighted Subtotal (28%)	Cost (15%)				Cost Weighted Subtotal (15%)	Community (14%)				Community Weighted Subtotal (14%)	Overall		Estimated Cost	
											Incident Evaluation	Separation of Modes	Traffic Speed	FC/Volume	Geometry	Subtotal		School	Transit	Business	Park	Point of Interest	Does it fill a gap?		Subtotal	Estimated Cost to URMD	Partnership Opportunities	Subtotal		Communication received	Population Density	Demographics	Subtotal		Cumulative Score	Overall Weighted Cumulative Score		
482	Rigert Rd	Charlotte Dr	Bryan Wy	0.660	0.780	Pedestrian walkway	UA	X	C	6	1.5	6	3	3	6	19.5	8.39	5	1.25	1.25	5	1.25	5	18.75	5.25	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	51.66	15.55	\$	499,000
287	Thompson Rd	Multnomah Co. Jur.	114th Av	0.090	0.460	Pedestrian walkway	UA	X	D	1	0	3	6	6	3	18.0	7.74	5	5	2.5	5	1.25	5	23.75	6.65	0	3.75	3.75	0.56	2.33	10	2.33	14.66	2.05	60.16	17.00	\$	557,000
457	Saltzman Rd	Creekview Dr	Thompson Rd	1.793	1.899	Pedestrian walkway	UA	X	C	1	0	1.5	3	6	6	16.5	7.10	5	2.5	2.5	5	5	5	25.00	7.00	0	3.75	3.75	0.56	10	5	2.33	17.33	2.43	62.58	17.08	\$	482,000
281	Lakeview Dr	Laidlaw Rd	Begin sidewalk e/ Kennan Pl	0.000	0.120	Pedestrian walkway	NR	X	D	7	0	6	1.5	1.5	6	15.0	6.45	2.5	1.25	1.25	2.5	1.25	5	13.75	3.85	0	3.75	3.75	0.56	10	2.33	2.33	14.66	2.05	47.16	12.91	\$	322,000
401	Taylor's Ferry Rd	80th Av	Washington Dr	0.815	1.133	Pedestrian walkway	UC	X	D	4M	0	6	3	3	3	15.0	6.45	1.25	5	1.25	1.25	1.25	1.25	11.25	3.15	0	3.75	3.75	0.56	5	5	2.33	12.33	1.73	42.33	11.89	\$	517,000
445	Butner Rd	Murray Bl	Downing St	1.931	2.024	Pedestrian walkway	UC	X	C	1	0	6	3	3	3	15.0	6.45	5	1.25	1.25	1.25	1.25	5	15.00	4.20	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	43.41	12.56	\$	312,000
561	Butner Rd	house #11800	Delmont Av	0.810	0.869	Pedestrian walkway	UC	X	C	1	0	6	3	3	3	15.0	6.45	5	1.25	1.25	1.25	1.25	5	15.00	4.20	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	40.74	12.19	\$	105,000
569	Brugger Rd	Kaiser Rd	158th Av	0.000	0.110	Pedestrian walkway	UL	X	D	7	0	6	1.5	1.5	6	15.0	6.45	5	2.5	1.25	2.5	5	5	21.25	5.95	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	46.99	13.94	\$	331,000
580	Butner Rd	Spring Ln	Huntington Av	1.052	1.152	Pedestrian walkway	UC	X	D	1	0	6	3	3	3	15.0	6.45	2.5	2.5	1.25	5	5	5	21.25	5.95	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	49.66	14.31	\$	355,000
279	Rock Rd	198th Av	204th Av	0.120	0.340	Pedestrian walkway	UC	X	D	6	0	6	1.5	3	3	13.5	5.81	2.5	5	1.25	2.5	1.25	5	17.50	4.90	0	3.75	3.75	0.56	5	10	2.33	17.33	2.43	52.08	13.69	\$	464,000
524	143rd Av	495' south of Melody Ln	Melody Ln	0.246	0.336	Pedestrian walkway	UC	X	C	7	0	1.5	6	3	3	13.5	5.81	5	5	5	2.5	5	2.5	25.00	7.00	0	3.75	3.75	0.56	10	5	2.33	17.33	2.43	59.58	15.79	\$	175,000
058	Park Wy	Edgewood St	Faircrest St	1.100	1.150	Pedestrian walkway	UC	X	D	1	0	6	1.5	3	1.5	12.0	5.16	5	5	2.5	2.5	1.25	5	21.25	5.95	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	46.66	13.02	\$	294,000
268	Alden St	085th Av	087th Av	0.170	0.270	Pedestrian walkway	NR	X	D	3	0	6	1.5	1.5	3	12.0	5.16	2.5	2.5	2.5	5	1.25	5	18.75	5.25	0	3.75	3.75	0.56	10	5	2.33	17.33	2.43	51.83	13.40	\$	178,000
350	Rock Creek Blvd	185th Av	Rock Creek Apt. entrance	0.000	0.100	Pedestrian walkway	UC	X	D	7	0	3	3	3	3	12.0	5.16	5	5	2.5	5	5	1.25	23.75	6.65	0	3.75	3.75	0.56	2.33	10	2.33	14.66	2.05	54.16	14.42	\$	294,000
400	119th Av	Cornell Rd	Reeves St	0.000	0.050	Pedestrian walkway	UC	X	D	1	0	3	3	3	3	12.0	5.16	1.25	5	1.25	1.25	1.25	1.25	11.25	3.15	0	3.75	3.75	0.56	2.33	10	2.33	14.66	2.05	41.66	10.92	\$	236,000
138	Johnson St	182nd Av	Jasmine Pl	0.178	0.200	Pedestrian walkway	UC	X	D	6	0	3	1.5	3	3	10.5	4.52	2.5	2.5	1.25	5	1.25	5	17.50	4.90	0	3.75	3.75	0.56	2.33	10	5	17.33	2.43	49.08	12.40	\$	113,000
183	Johnson St	209th Av	214th Av	1.750	1.780	Pedestrian walkway	UC	X	D,G	6	0	3	3	3	1.5	10.5	4.52	5	1.25	5	5	5	5	26.25	7.35	0	3.75	3.75	0.56	5	10	5	20.00	2.80	60.50	15.23	\$	127,000
206	Huntington Av	Cedar Hills Blvd	Glenhaven St	0.000	0.230	Pedestrian walkway	NR	X	D	1	0	6	1.5	1.5	1.5	10.5	4.52	5	5	5	5	5	5	30.00	8.40	0	3.75	3.75	0.56	10	5	2.33	17.33	2.43	61.58	15.90	\$	555,000
356	Florence St	170th Av	173rd Av	0.260	0.380	Pedestrian walkway	NR	X	D,G	6	0	6	1.5	1.5	1.5	10.5	4.52	2.5	1.25	1.25	1.25	5	5	16.25	4.55	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	42.83	11.35	\$	360,000
358	Laurel Rd	103rd Av	107th Av	0.000	0.130	Pedestrian walkway	UL	X	D	3	0	6	1.5	1.5	1.5	10.5	4.52	2.5	5	5	5	5	5	27.50	7.70	0	3.75	3.75	0.56	2.33	2.33	5	9.66	1.35	51.41	14.13	\$	231,000
406	Alexander St	198th Av	209th Av	0.680	1.195	Pedestrian walkway	UC	X	D	6	0	3	1.5	3	3	10.5	4.52	1.25	5	5	5	5	5	26.25	7.35	0	3.75	3.75	0.56	5	10	5	20.00	2.80	60.50	15.23	\$	270,000
503	107th Av	Leahy Rd.	Cornell Rd	0.248	0.428	Pedestrian walkway	UC	X	C	1	0	3	3	3	1.5	10.5	4.52	2.5	5	2.5	5	1.25	5	21.25	5.95	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	45.16	12.38	\$	540,000
521	Bany Rd	173rd Av	175th Ter	0.333	0.421	Pedestrian walkway	UA	X	C	6	0	1.5	1.5	6	1.5	10.5	4.52	5	2.5	1.25	2.5	1.25	2.5	15.00	4.20	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	36.24	10.26	\$	186,000
022	Rock Rd	204th Av	206th Av	0.420	0.520	Pedestrian walkway	UC	X	D	6	0	1.5	1.5	3	3	9.0	3.87	2.5	2.5	1.25	2.5	1.25	5	15.00	4.20	0	3.75	3.75	0.56	5	10	2.33	17.33	2.43	45.08	11.06	\$	325,000
354	160th Av	Farmington Rd	TV Highway	0.610	0.990	Pedestrian walkway	UC	X	D	6	0	1.5	3	3	1.5	9.0	3.87	2.5	5	2.5	5	5	1.25	21.25	5.95	0	3.75	3.75	0.56	5	10	5	20.00	2.80	54.00	13.18	\$	358,000
410	Pioneer Rd	139th Av	Meadow Dr	0.132	0.351	Pedestrian walkway	NR	X	D	1	0	3	1.5	1.5	3	9.0	3.87	1.25	1.25	1.25	1.25	1.25	5	11.25	3.15	0	3.75	3.75	0.56	5	5	2.33	12.33	1.73	36.33	9.31	\$	563,000
440	Hawthorne Ln	106th Av	107th Av	0.495	0.565	Pedestrian walkway	NR	X	C	1	0	3	1.5	1.5	3	9.0	3.87	5	1.25	1.25	1.25	1.25	5	15.00	4.20	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	34.74	9.61	\$	154,000
454	175th Av	Kinnaman Rd	Chris St	0.0	0.057	Pedestrian walkway	NR	X	C,G	6	3	1.5	1.5	1.5	1.5	9.0	3.87	5	2.5	2.5	1.25	1.25	2.5	15.00	4.20	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	37.41	9.98	\$	59,000
473	214th Av	Tualatin Valley Hwy	Johnson St	0.000	0.235	Pedestrian walkway	UL	X	C	6	3	1.5	1.5	1.5	1.5	9.0	3.87	5	5	5	2.5	2.5	5	25.00	7.00	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	50.08	13.16	\$	418,000
501	Johnson St	214th Ave	Cornelius Pass Rd	1.781	2.013	Pedestrian walkway	UC	X	C,G	6	0	1.5	3	3	1.5	9.0	3.87	5	1.25	5	5	5	5	26.25	7.35	0	3.75	3.75	0.56	5	10	5	20.00	2.80	59.00	14.58	\$	559,000

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											Incident Evaluation	Separation of Modes	Traffic Speed	FC/Volume	Geometry	Subtotal	Safety Weighted Subtotal (43%)	School	Transit	Business	Park	Point of Interest	Does it fill a gap?	Subtotal	Connectivity Weighted Subtotal (28%)	Estimated Cost to URMD	Partnership Opportunities	Subtotal	Cost Weighted Subtotal (15%)	Communication received	Population Density	Demographics	Subtotal	Community Weighted Subtotal (14%)		Cumulative Score	Overall Weighted Cumulative Score		
540	Ecole Av	Jenkins Rd	Brightwood St	0.000	0.160	Pedestrian walkway	NR	X	C,G	1	0	3	1.5	1.5	3	9.0	3.87	5	2.5	5	2.5	5	5	5	25.00	7.00	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	50.08	13.16	\$	314,000
021	204th Av	Leewood Dr	Johnson St	0.000	0.376	Pedestrian walkway	NR	X	D	6	0	3	1.5	1.5	1.5	7.5	3.23	2.5	2.5	1.25	2.5	1.25	1.25	11.25	3.15	0	3.75	3.75	0.56	2.33	10	5	17.33	2.43	39.83	9.36	\$	343,000	
289	Park View Bl	185th Av	Tillamook Dr	0.620	0.750	Pedestrian walkway	NR	X	D	7	0	1.5	1.5	1.5	3	7.5	3.23	2.5	5	2.5	5	5	2.5	22.50	6.30	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	43.41	11.44	\$	378,000	
424	175th Av	Florence St	Blanton St	0.358	0.649	Pedestrian walkway	NR	X	D,G	6	0	3	1.5	1.5	1.5	7.5	3.23	5	2.5	2.5	2.5	1.25	2.5	16.25	4.55	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	37.16	9.69	\$	370,000	
435	165th Av	Division St	Farmington Rd	0.000	0.110	Pedestrian walkway	UL	X	C	6	0	3	1.5	1.5	1.5	7.5	3.23	5	5	2.5	5	5	1.25	23.75	6.65	0	3.75	3.75	0.56	5	5	5	15.00	2.10	50.00	12.54	\$	416,000	
436	139th Av	Derby St	Walker Rd	0.306	0.359	Pedestrian walkway	NR	X	C	1	0	3	1.5	1.5	1.5	7.5	3.23	5	5	1.25	1.25	1.25	2.5	16.25	4.55	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	37.16	9.69	\$	95,000	
446	Park Way	Devonshire Dr	Walker Rd	2.125	2.161	Pedestrian walkway	UC	X	C	1	0	1.5	1.5	3	1.5	7.5	3.23	5	1.25	1.25	2.5	2.5	2.5	15.00	4.20	7.5	3.75	11.25	1.69	2.33	5	2.33	9.66	1.35	43.41	10.46	\$	64,000	
449	201st Av	Rock Rd	Jette Ln	0.000	0.287	Pedestrian walkway	NR	X	C	6	0	1.5	1.5	1.5	3	7.5	3.23	2.5	1.25	1.25	1.25	5	12.50	3.50	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	33.41	8.64	\$	510,000		
451	078th Av	Raleigh Swim Park	Canyon Dr	0.614	0.776	Pedestrian walkway	NR	X	C	3	0	3	1.5	1.5	1.5	7.5	3.23	5	2.5	5	1.25	5	2.5	21.25	5.95	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	42.16	11.09	\$	435,000	
469	Jaylee St	198th Av	Barricade	0.000	0.211	Pedestrian walkway	UL	X	C	6	0	1.5	1.5	1.5	3	7.5	3.23	5	2.5	1.25	1.25	1.25	5	16.25	4.55	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	34.49	9.32	\$	434,000	
485	Madeline St	Aloha HS Frontage	192nd Av	0.184	0.375	Pedestrian walkway	NR	X	C	6	0	3	1.5	1.5	1.5	7.5	3.23	5	1.25	1.25	1.25	1.25	2.5	12.50	3.50	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	33.41	8.64	\$	369,000	
486	Madeline St	180th Ave.	185th Av	0.000	0.219	Pedestrian walkway	NR	X	C	6	1.5	1.5	1.5	1.5	1.5	7.5	3.23	5	1.25	1.25	1.25	1.25	2.5	12.50	3.50	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	33.41	8.64	\$	419,000	
507	Brentwood St	78th Av	Laurelwood Av	0.161	0.337	Pedestrian walkway	NR	X	C	3	0	1.5	1.5	1.5	3	7.5	3.23	5	5	2.5	2.5	2.5	5	22.50	6.30	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	40.74	11.07	\$	313,000	
526	106th Av	Hawthorne Ln	Woods St	0.065	0.180	Pedestrian walkway	NR	X	C	1	0	1.5	1.5	1.5	3	7.5	3.23	5	1.25	1.25	1.25	1.25	5	15.00	4.20	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	33.24	8.97	\$	351,000	
537	Florence St	165th Av	170th Av	0.000	0.230	Pedestrian walkway	NR	X	C,G	6	0	3	1.5	1.5	1.5	7.5	3.23	2.5	1.25	1.25	1.25	5	5	16.25	4.55	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	39.83	10.06	\$	438,000	
594	214th Av	214th Av	Alexander St	Var	Var	Pedestrian walkway	UL	X	C	6	0	3	1.5	1.5	1.5	7.5	3.23	5	5	5	2.5	2.5	5	25.00	7.00	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	48.58	12.51	\$	118,000	
244b	Rainmont Rd	111th Av	113th Av	0.157	0.255	Pedestrian walkway	NR	X	D	1	0	1.5	1.5	1.5	3	7.5	3.23	2.5	1.25	1.25	2.5	1.25	2.5	11.25	3.15	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	32.16	8.29	\$	175,000	
483a	West Rd	South Rd	115th Av	0.000	0.090	Pedestrian walkway	NR	X	C	1	0	3	1.5	1.5	1.5	7.5	3.23	5	1.25	1.25	2.5	1.25	2.5	13.75	3.85	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	34.66	8.99	\$	307,000	
416	Evergreen	@ barricade		0.370	0.370	Bike Lane	UL	X	D	7	0	1.5	1.5	1.5	1.5	6.0	2.58	1.25	1.25	1.25	1.25	1.25	1.25	7.50	2.10	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	26.91	6.59	\$	20,000	
460	174th Av	Laidlaw Rd	Anastasia Dr	0.772	0.826	Pedestrian walkway	NR	X	C	7	0	1.5	1.5	1.5	1.5	6.0	2.58	1.25	1.25	1.25	1.25	1.25	2.5	8.75	2.45	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	25.49	6.57	\$	159,000	
465	Florence St	173rd Av	175th Av	0.384	0.525	Pedestrian walkway	NR	X	C,G	6	0	1.5	1.5	1.5	1.5	6.0	2.58	2.5	1.25	1.25	1.25	1.25	1.25	8.75	2.45	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	30.83	7.32	\$	280,000	
475	193rd Av	School Property Line	Blanton St.	0.196	0.292	Pedestrian walkway	UL	X	C	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	1.25	1.25	1.25	1.25	2.5	12.50	3.50	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	34.58	8.37	\$	317,000	
481	Westlawn Ter	Murray Rd	Trail Ave	0.180	0.39	Pedestrian walkway	NR	X	C	1	0	1.5	1.5	1.5	1.5	6.0	2.58	5	5	5	5	5	1.25	26.25	7.35	0	3.75	3.75	0.56	2.33	10	5	17.33	2.43	53.33	12.92	\$	403,000	
497	Anderson	191st Av	192nd Av	0.000	0.054	Pedestrian walkway	NR	X	C	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	1.25	1.25	1.25	1.25	2.5	12.50	3.50	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	31.91	7.99	\$	96,000	
498	Burton St	house #14025	house #2370	0.430	0.480	Pedestrian walkway	NR	X	C	1	0	1.5	1.5	1.5	1.5	6.0	2.58	5	1.25	1.25	5	1.25	1.25	15.00	4.20	0	3.75	3.75	0.56	2.33	5	2.33	9.66	1.35	34.41	8.69	\$	89,000	
530	149th Av	Watershed Ln	Farminton Rd	0.240	0.299	Pedestrian walkway	NR	X	C	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	2.5	2.5	5	1.25	1.25	17.50	4.90	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	39.58	9.77	\$	105,000	
541	Alexander St	209th Av	214th Av	0.000	0.242	Pedestrian walkway	UL	X	C	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	5	5	2.5	2.5	5	25.00	7.00	0	3.75	3.75	0.56	2.33	5	5	12.33	1.73	47.08	11.87	\$	430,000	
547	Southview St	201st Av	School grounds	0.229	0.345	Pedestrian walkway	UL	X	C	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	1.25	1.25	2.5	1.25	1.25	12.50	3.50	0	3.75	3.75	0.56	2.33	2.33	2.33	6.99	0.98	29.24	7.62	\$	207,000	
552	Rosa Rd	196th Av	198th Av	0.000	0.145	Pedestrian walkway	UC	X	C,G	6	0	1.5	1.5	1.5	1.5	6.0	2.58	5	1.25	1.25	1.25	1.25	2.5	12.50	3.50	0	3.75	3.75	0.56	2.33	10	2.33	14.66	2.05	36.91	8.69	\$	317,000	

## URMD Safety Improvement Candidates ~\$500K

Sorted by Safety Score as of 8/16/16

Candidate #	Road	From	To	From (Mile post)	To (Mile post)	Activity Summary	FC	URMD?	Source	CPO	Safety (43%)					Connectivity (28%)					Cost (15%)		Community (14%)			Overall		Estimated Cost	
											Incident Evaluation	Separation of Modes	Traffic Speed	FC/Volume	Geometry	Subtotal	Safety Weighted Subtotal (43%)	School	Transit	Business	Park	Point of Interest	Does it fill a gap?	Subtotal	Connectivity Weighted Subtotal (28%)	Estimated Cost to URMD	Partnership Opportunities		Subtotal

**LRP** Walkway gap issue paper recommendation #3

- A Washington County Bicycle and Pedestrian Improvement Prioritization Project ("DOEproject," 2012)
- B Aloha-Reedville Study and Livable Community Plan, Addendum C: Pedestrian and Bicycle Plan (2014)
- C School Access Improvement Study (2015)
- D Small Road Improvement Candidates List (ongoing)
- E External sources, including the TriMet Pedestrian Network Analysis, ODOT
- F Pedestrian/Bicycle Inventory, and the Metro Regional Active Transportation Plan
- G Proposed Gain Share
- H Future studies that identify and prioritize sidewalk gaps.

CPO 1	19
CPO 2	0
CPO 3	4
CPO 4B	0
CPO 4K	0
CPO 4M	1
CPO 5	0
CPO 6	28
CPO 7	7
CPO 8	0
CPO 9	0
CPO 10	0
CPO 11	0
CPO 12F	0
CPO 13	0
CPO 15	0
Subtotal	59

**CPO** Citizen Participation Organization

- FC** Functional classification of road:
- UL = Urban Local (URMD eligible)
  - NR = Neighborhood Route (URMD eligible)
  - NUL = Non-URMD eligible Urban Local
  - NUNR = Non-URMD eligible Neighborhood Route
  - UC = Urban Collector
  - UA = Urban Arterial
  - RC = Rural Collector
  - RA = Rural Arterial
  - P = Public Dedicated Road