

Appendix C

Prioritized Master Plan Project List

Archival Note: Appendix C was created as part of the 2007 TSP update—it does not reflect the update process that was conducted in 2013.

The Prioritized Master Plan Project List contains all projects identified in the TSP update process. Projects came from many sources including, but not limited to, the following: 2007 TSP Working Groups, Milwaukie's Downtown Plan, Milwaukie's Capital Improvement Plan, 1997 TSP, and Metro's Regional Transportation Plan. All projects were vetted by staff, Working Group members, and Advisory Committee members.

The following process was used to prioritize the TSP projects.

- Working Group participants ranked projects as high, medium, or low.
- Staff evaluated each project against the TSP Goals using the Project Evaluation Questions. The idea behind the project evaluation questions is that, given the limited funds available, the City should prioritize funding of transportation projects that 1) effectively address identified problems, and 2) best meet the City's transportation goals. Projects that were ranked as low priority by the working groups were not evaluated unless other public involvement efforts (e.g. TSP Community Briefings or Open Houses), citizen groups (e.g. Neighborhood District Associations), or programs (e.g. Safe Trips to Schools Program or Capital Improvement Program) identified them as a priority.
- Staff also took other information into consideration before grouping the projects into high, medium, and low categories such as dependence on other projects or neighborhood support.
- Advisory Committee members reviewed staff's proposed project ranking and recommended some minor changes to the ranking of individual projects.

In addition to identifying the projects that are most important to the City, the Advisory Committee advised staff on which funding strategy to pursue in the development of the City's Action Plan. The Action Plan is the City's financially constrained project list that contains only those high priority projects that are likely to be funded with limited City funds within the 22-year planning period. The projects on the City's Action Plan are divided up by mode and appear in Chapters 5, 6, 7, 8, 9, 11, and 12 respectively. Action Plan projects are identified on the Prioritized Master Plan Project List by a "Yes" response in the column entitled "Is Project Funded?"

The Advisory Committee considered the following funding strategies.

- **Emphasis on direct City funding of projects.** This approach would encourage the City to fund projects itself and not use local funds to leverage outside funding. Taking this approach would require the City to save up for years to construct one or two projects (like widening Railroad Avenue) to the exclusion of many other projects.
- **Emphasis on leveraging City funds.** This approach would encourage the City to fund less expensive projects with local funds and to leverage state or federal funds with local match dollars for more expensive high priority projects. Taking this approach would theoretically enable the City to fund more projects than it could otherwise do on its own.

- **Emphasis on funding a range of high priority "implementable" projects.** This approach would encourage the City to strategically choose those projects that would provide the most benefit for the least cost and that had a realistic funding source. Taking this approach would enable the City to better respond to market conditions, grant opportunities, geographic equity issues, and economies of scale. It would also enable the City to fund a wide range of projects in the high priority category but not necessarily the highest priority projects.
- **Emphasis on funding high priority projects.** This approach would encourage the City to fund the highest priority projects, which would ensure that the highest priority projects were funded and not passed over due to high construction costs.
- **Emphasis on maintaining the existing system.** This approach would encourage the City to focus on maintenance and operations activities and not on capital improvements. Taking this approach would mean that very few identified high priority projects would be funded.

Staff recommended a combined strategy of emphasizing the funding of a range of high priority "implementable" projects and leveraging City funds as much as possible, and the Advisory Committee concurred with staff's recommendation. The projects identified as being funded on the Prioritized Master Plan Project List reflect this funding strategy.

TSP Project Evaluation Questions
"Which projects best meet Milwaukie's goals?"

Goals		Project	Score (0,1,2,3)
Goal 1	Livability. Design and construct transportation facilities in a manner that enhances the livability of Milwaukie's community.	Will the investment improve the health and physical well being of Milwaukie citizens? Will the investment protect residential neighborhoods from transportation-related impacts? Will the investment reduce barriers to mobility?	
Goal 2	Safety. Develop and maintain a safe and secure transportation system.	Will the investment improve an unsafe location or situation?	
Goal 3	Travel Choices. Plan, develop, and maintain a transportation system that provides travel choices and allows people to reduce the number of trips made by single-occupant vehicles.	Will the investment make it easier to move around without a car?	
Goal 4	Quality Design. Establish and maintain a set of transportation design and development regulations that are sensitive to local conditions.	Will the investment reinforce the character of a neighborhood? Will it reinforce the functional qualities of a street's classification?	
Goal 5	Reliability and Mobility. Develop and maintain a well-connected transportation system that reduces travel distance, improves reliability, and manages congestion.	Will the investment facilitate a better flow of traffic through or within Milwaukie?	
Goal 6	Sustainability. Provide a sustainable transportation system that meets the needs of present and future generations.	Will the investment improve the health of natural systems? Does the investment use resources wisely?	
Goal 7	Efficient and Innovative Funding. Efficiently allocate available funding for recommended transportation improvements, and pursue additional transportation funding that includes innovative funding methods and sources.	Will the investment use scarce City funds wisely?	
Goal 8	Compatibility. Develop a transportation system that is consistent with the City's Comprehensive Plan and that coordinates with County, State, and regional plans.	Will the investment support the city's vision while respecting those of other jurisdictions?	
Goal 9	Economic Vitality. Promote the development of Milwaukie's, the region's, and the state's economies through the efficient movement of people, goods, and services, and the distribution of information.	Will the investment support commercial interests in the city?	

Project Name	Project Description	From	To	Estimated Cost (\$1,000s) ¹	Priority Ranking ²	Is Project Funded? ³	Project Type	TSP Chapter	Citizen Working Group Ranking	Other Input	How well does project meet TSP Goals? (3 = very well, 0= not at all)																			
											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE										
HIGH PRIORITY PROJECTS																														
17 th Avenue Sidewalks	Fill in sidewalk gaps on both sides of street and improve intersections.	Ochoco St	McLoughlin Blvd	\$920	High	Yes	Capital	Pedestrian	High		2	3	3	2	0	1	2	3	1	17										
Downtown Transit Center Improvements	Construct new bus layover facility outside of the downtown core. Improve downtown bus stops and shelters consistent with level 3 features and including ample bike parking.	Location specific	Location specific	\$1,250	High	Yes	Capital	Transit	High	Council, NDAs	3	2	2	3	0	0	1	2	3	16										
17 th Avenue Bikeway and Intersection Safety Improvements	Fill in gaps in existing bicycle network with bike lanes or multi-use path. Improve intersection safety and eastbound connection at 17th Ave/Hwy 99E. Improve intersection safety at 17th Ave/Hwy 224.	Waverly Dr	Harrison St	\$135	High	Yes	Capital	Bicycle	High		1	3	3	2	0	1	3	2	1	16										
Logus Road Sidewalks	Fill in sidewalk gaps on both sides of street.	43rd Ave	49th Ave	\$771	High	Yes	Capital	Pedestrian	Low	Lewelling NDA, TSP Comments, STSP	2	3	3	2	0	2	2	2	0	16										
Kellogg Creek Dam Removal and Hwy 99E Underpass	Replace 99E bridge over Kellogg Creek, remove dam, restore habitat; construct pedestrian undercrossing between downtown Milwaukie and Riverfront Park.	Site Specific	Site Specific	\$9,000	High	Yes	Capital	Pedestrian	N/A	Downtown Plan	3	1	1	2	0	3	1	3	2	16										
Springwater Trail Completion	Contribute to regional project to complete Springwater Trail ("Sellwood Gap") along Ochoco Street.	17th Ave	19th Ave	\$80	High	Yes	Capital	Bicycle & Pedestrian	N/A	TSP Comments	3	3	3	0	0	1	3	3	0	16										
Railroad Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	37th Ave	Harmony Rd	\$1,625	High	Yes	Capital	Pedestrian & Transit	High		3	3	3	2	0	1	1	2	0	15										
Monroe Bicycle Boulevard	Designate as a Bicycle Boulevard and install bicycle boulevard improvements.	21st Ave	Linwood Ave	\$300	High	Yes	Capital	Bicycle	High		3	2	3	1	0	2	2	2	0	15										
29th/Harvey/40th Bicycle Boulevard	Designate as a Bicycle Boulevard and install bicycle boulevard improvements.	Springwater Trail	Monroe St	\$200	High	Yes	Capital	Bicycle	High		3	2	3	1	0	2	2	2	0	15										
Bike Lane Maintenance	Sweep bike lanes to remove debris.	Citywide	Citywide	\$1,100	High	Yes	Operational	Bicycle	High		2	3	2	1	0	2	3	2	0	15										
Monroe Street Sidewalks	Fill in sidewalk gaps on both sides of street.	42nd Ave	City Limits	\$1,631	High	Yes	Capital	Pedestrian	High		2	3	3	2	0	1	1	2	0	14										
Railroad Avenue Capacity Improvements	Widen SE Railroad Avenue to standard three lane cross section. Accommodate future bus service.	37 th Ave	Linwood Ave	\$12,990	High	Yes	Capital	Automobile & Transit	High		1	2	0	2	3	1	1	3	1	14										
Downtown Streetscape Improvements	Install sidewalk bulbouts, lighting, and pedestrian amenities.	Downtown	Downtown	\$6,700	High	Yes	Capital	Parking & Pedestrian	N/A	Downtown Plan	3	1	1	3	0	1	0	3	2	14										

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											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
Bike Route Signage	Install neighborhood bike route signage.	Citywide	Citywide	\$150	High	Yes	Operational	Bicycle	High		1	2	2	0	0	1	3	3	1	13
Hwy 224 Intersection Improvements at Oak	Add left turn-lanes and protected signal phasing on Oak Street approaches.	Location specific	Location specific	\$20	High	Yes	Capital	Automobile	Low	TSP Comments, NDAs	3	1	0	0	2	1	2	1	3	13
King Road Boulevard Treatments	Install street boulevard treatments: widen sidewalks and improve multiple crossings.	42nd Ave	Linwood	\$500	High	Yes	Capital	Pedestrian	N/A		2	2	1	2	0	1	2	2	1	13
Neighborhood Pedestrian and Traffic Safety Program	Complete a few small traffic calming and pedestrian safety projects throughout the city each year.	Citywide	Citywide	\$300	High	Yes	Capital	Nbrhd Traffic Management	N/A	NTMP, NDAs	3	2	1	2	0	1	2	2	0	13
Hwy 224 & Hwy 99E Refinement Plan	Conduct refinement study that focuses on minimizing barrier effect and improving auto and freight mobility.	Hwy 99E Project Limits: Tacoma St to 17th Ave	Hwy 224 Project Limits: Hwy 99E to Lake Rd Interchange	\$250	High	Yes	Capital	Automobile & Freight	High		0	0	0	3	1	0	3	3	1	11
Railroad Crossing Safety and Quiet Zone Project	Construct railroad crossing safety improvements at Oak Street, Harrison Street, and 37th Avenue.	Location specific	Location specific	\$285	High	Yes	Capital	Automobile & Pedestrian	Med	NDAs, TSP Comments, Quiet Zone	3	3	0	0	0	0	3	2	0	11
Stanley Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Johnson Creek Blvd	Railroad Ave	\$4,304	High	No	Capital	Pedestrian	High		2	3	3	2	0	1	1	2	0	14
Harrison Street Railroad Crossing Separation	Upgrade Harrison crossing of Union Pacific Railroad tracks to grade-separated facility. Assess as part of Hwy 224 & Hwy 99E Refinement Plan.	Location specific	Location specific	\$28,000	High	No	Capital	Freight	High		3	2	0	1	3	1	0	2	2	14
Hwy 224 Intersection Improvements at 37 th	Consolidate the two northern legs of 37th Avenue and International Way into one leg at Hwy 224.	Location specific	Location specific	\$1,946	High	No	Capital	Automobile & Freight	High		1	2	0	1	3	0	1	1	3	12
Railroad Avenue Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	37 th Ave	Linwood Ave	\$4,364	High	No	Capital	Bicycle	Low		2	2	2	2	1	1	1	1	0	12
Linwood Avenue Capacity Improvements (north)	Widen to standard three lane cross section. Widen bridge over Johnson Creek.	Johnson Creek Blvd	King Rd	\$8,500	High	No	Capital	Automobile	High		0	1	1	2	3	0	0	3	1	11
Linwood Avenue Capacity Improvements (south)	Widen to standard three lane cross section.	King Rd	Harmony Rd	\$11,400	High	No	Capital	Automobile	High		1	1	0	2	3	0	0	3	1	11
Hwy 224 Crossing Improvements at Oak and Washington	Improve intersection crossing safety for cyclists at Washington Street and Oak Street.	Location specific	Location specific	\$10	High	No	Capital	Bicycle	Med		1	1	2	0	0	1	3	1	0	9
Downtown Parking Enforcement	Implement parking management system, including a dedicated parking manager.	Downtown	Downtown	\$40	High	No	Operational	Parking	High		1	0	0	0	0	0	3	1	3	8

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											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
MEDIUM PRIORITY PROJECTS																				
Lake Road Sidewalks	Fill in sidewalk gaps on both sides of street.	Kuehn Rd	Hwy 224	\$2,049	Medium	No	Capital	Pedestrian	High		2	3	3	2	0	1	1	1	1	14
Stanley Avenue Bicycle Boulevard	Designate as a Bicycle Boulevard and install bicycle boulevard improvements.	Springwater Trail	Railroad Ave	\$300	Medium	No	Capital	Bicycle	High		3	2	3	1	0	1	1	2	0	13
19 th and Sparrow Bicycle Boulevard	Designate as a Bicycle Boulevard and install bicycle boulevard improvements. This would connect the south end of Kellogg Creek Trail to River Rd.	Eagle St	River Rd	\$737	Medium	No	Capital	Bicycle	Med		2	2	3	1	0	1	2	2	0	13
Franklin Street Sidewalks	Install sidewalks on both sides of street to connect to Hector Campbell Elementary School.	42nd Ave	45th Ave	\$200	Medium	No	Capital	Pedestrian	N/A	STSP, CIP (04-05)	2	3	3	1	0	1	1	2	0	13
Intersection Improvements at Main and Mailwell	Upgrade intersection turning radii to better accommodate freight movements.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	High		0	1	0	3	2	0	1	2	3	12
McLoughlin Boulevard Sidewalks	Fill in sidewalk gaps on both sides of street.	Washington St	Southern City Limits	\$596	Medium	No	Capital	Pedestrian	Med		1	3	2	1	0	1	1	2	1	12
Downtown Parking Signage	Install wayfinding and identification signage at McLoughlin Blvd. intersections and around public parking lots.	Downtown	Downtown	\$10	Medium	No	Capital	Parking	High		1	0	0	2	0	0	3	2	3	11
Railroad Crossing Improvements at Harrison	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11
Railroad Crossing Improvements at 21st and Adams	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11
Railroad Crossing Improvements at Monroe	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11
Railroad Crossing Improvements at Washington	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11
Railroad Crossing Improvements at Oak	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11

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											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
Railroad Crossing Improvements at 37 th	Upgrade paving materials to concrete or rubberized material to improve longevity and enhance for alternative modes.	Location specific	Location specific	\$50	Medium	No	Capital	Freight	Low		1	2	2	2	0	0	2	1	1	11
Pedestrian Walkway Amenities	Install amenities, such as benches, along key walking routes.	Citywide	Citywide	\$50	Medium	No	Capital	Pedestrian	Med		2	0	1	3	0	1	2	1	1	11
Main Street Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Harrison St	Moore St	\$2,131	Medium	No	Capital	Bicycle	Med		1	1	2	1	0	1	2	1	2	11
McLoughlin Blvd Intersection Improvements at 17 th	Prohibit left turn movement from 17 th Avenue to northbound McLoughlin Blvd and include in Hwy 224 & Hwy 99E Refinement Plan.	Location specific	Location specific	\$15	Medium	No	Capital	Automobile	Med		1	1	0	0	3	0	3	2	1	11
Intersection Improvements at 42 nd and Harrison	Signalize intersection to facilitate dominant traffic flow.	Location specific	Location specific	\$252	Medium	No	Capital	Automobile	Med		1	1	1	0	3	1	2	1	1	11
McLoughlin Boulevard Intersection Improvements at River Road	Consolidate a single access point for the area at Bluebird Street with full intersection treatment and signalization or add second northbound left-turn lane at River Road.	Location specific	Location specific	\$898	Medium	No	Capital	Automobile	Med		1	2	1	1	3	0	1	1	0	10
Harrison and King Connection	Enhance connection between King Road and Harrison Street at 42 nd Avenue.	Location specific	Location specific	\$53	Medium	No	Capital	Automobile	Med		0	2	0	0	3	0	2	1	2	10
37 th Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Lake Rd	Harrison St	\$794	Medium	No	Capital	Pedestrian	Low		2	2	2	2	0	0	1	1	0	10
Intersection Improvements at 42 nd and King	Enhance intersection function.	Location specific	Location specific	\$15	Medium	No	Capital	Pedestrian	Med		0	1	1	0	3	0	2	1	2	10
Pedestrian Walkway Signage	Provide maps and wayfinding signage on streets that identify ways to get around the city.	Citywide	Citywide	\$10	Medium	No	Operational	Pedestrian	Med		1	0	2	0	0	2	2	2	0	9
Downtown Public Parking Lot Improvements	Upgrade and maintain off-street public parking facilities with improved landscaping and lighting.	Downtown	Downtown	\$50	Medium	No	Capital	Parking	Med		2	2	0	1	0	0	1	0	3	9
Community Bicycle Rides	Coordinate community bike rides to encourage bike use.	Citywide	Citywide	\$5	Medium	No	Operational	Bicycle	Med		3	2	2	0	0	1	1	0	0	9
Intersection Improvements at Harrison and Hwy 224	Add left turn-lanes and protected signal phasing on Harrison Street approaches.	Location specific	Location specific	\$20	Medium	No	Capital	Automobile	Med		1	1	2	0	0	1	3	1	0	9
Cyclist Education	Promote cycling through bike use and route selection education.	Citywide	Citywide	\$10	Medium	No	Operational	Bicycle	High		1	3	2	0	0	0	1	1	0	8
Railroad Crossing Pedestrian Improvements at Oak	Improve intersection for pedestrians.	Location specific	Location specific	\$15	Medium	No	Capital	Pedestrian	Med		1	3	2	0	0	0	1	1	0	8
Harrison Street Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Hwy 99E	21st Ave	\$273	Medium	No	Capital	Bicycle	Med		1	2	2	1	0	0	1	1	0	8

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											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
Intersection Improvements at Linwood and King	Implement protected/permissive left turn phasing for northbound and southbound approaches.	Location specific	Location specific	\$16	Medium	No	Capital	Automobile	Med		0	2	0	0	3	1	1	1	0	8
Brookside Drive Sidewalks	Fill in sidewalk gaps on both sides of street.	Johnson Creek Blvd	Regents Dr	\$15	Medium	No	Capital	Pedestrian	Med		2	1	1	2	0	0	1	1	0	8
Springwater Trail Paving Project	Improve corridor through repaving existing trail.	29th Ave	Linwood Ave	\$500	Medium	No	Capital	Bicycle	Med		2	0	2	1	0	0	1	1	0	7
Lake Road Capacity Improvements	Widen to standard three lane cross section.	21st Ave	Oatfield Rd	\$7,392	Medium	No	Capital	Automobile	Med	NDA's, TSP Comments	0	2	0	2	1	0	0	1	1	7
Harrison Street Capacity Improvements	Widen to standard three lane cross section.	32nd St	42nd St	\$2,565	Medium	No	Capital	Automobile	Med		0	1	0	1	3	0	0	1	1	7
Johnson Creek Blvd Intersection Improvements at Linwood	Add eastbound right turn lane and westbound right turn lane.	Location specific	Location specific	\$803	Medium	No	Capital	Automobile	Med		0	1	0	0	3	1	1	1	0	7
Harrison Street Intersection Improvements at Main	Add westbound shared through/right turn lane or eastbound right turn lane.	Location specific	Location specific	\$34	Medium	No	Capital	Automobile	Med		0	0	0	0	2	0	1	2	1	6
Public Parking Structure	Construct 3 to 4 story public parking structure with retail at ground floor for visitor/employee parking.	Location specific	Location specific	\$10,000	Medium	No	Capital	Parking	Low		1	0	0	0	0	1	0	1	3	6
LOW PRIORITY PROJECTS																				
Ochoco Street Sidewalks	Construct sidewalks on Ochoco Street to connect bus stops to Goodwill.	19th Ave	McLoughlin Blvd	\$\$\$	Low	No	Capital	Pedestrian	NA		1	3	2	1	0	0	0	2	1	10
Kronberg Park Trail	Construct multi-modal trail along Kellogg Creek connecting Kronberg Park to downtown Milwaukie.	McLoughlin Blvd	Downtown	\$1,200	Low	No	Capital	Bicycle	NA	Regional Trail Plan	2	2	1	1	0	0	1	2	1	10
Springwater Corridor Intersection Improvements at 45th	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Med		2	1	1	1	0	1	0	1	0	7
Johnson Creek Blvd and 42nd Avenue Signalization	Replace 3-way stop with signal when warranted.	Location specific	Location specific	\$250	Low	No	Capital	Automobile	NA		0	1	0	0	1	1	1	1	0	5
Springwater Trail Ramp Improvement	Improve ramp at Springwater Trail and McLoughlin Blvd.	Location specific	Location specific	\$15	Low	Yes	Capital	Bicycle & Pedestrian	N/A	TSP Comments	Project not evaluated.									0
19th Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Kellogg Creek Trail	Sparrow St	\$305	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
22nd Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	McLoughlin Blvd	Sparrow St	\$325	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
43rd Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Howe St/42nd Ave	King Rd/43rd Ave	\$550	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Edison Street Sidewalks	Fill in sidewalk gaps on both sides of street.	35th Ave	37th Ave	\$116	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Harmony Road Sidewalks	Fill in sidewalk gaps on both sides of street.	Linwood Ave	City Limits	\$38	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0

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											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE	
Harvey Street Sidewalks	Fill in sidewalk gaps on both sides of street.	32nd Ave	42nd Ave	\$534	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Home Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Railroad Ave	King Rd	\$756	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
International Way Sidewalks	Fill in sidewalk gaps on both sides of street	Criterion Ct	Lake Rd	\$767	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Johnson Creek Boulevard Sidewalks	Fill in sidewalk gaps on both sides of street.	Harney Dr	City Limits	\$378	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Linwood Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Johnson Creek Blvd	Railroad Ave	\$2,960	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Mason Lane Sidewalks	Fill in sidewalk gaps on both sides of street.	42nd Ave	Regents Dr	\$671	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Oatfield Road Sidewalks	Fill in sidewalk gaps on both sides of street.	Guilford Ct	City Limits	\$132	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Regents Drive Sidewalks	Fill in sidewalk gaps on both sides of street.	Brookside Dr	Winsor Dr	\$494	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
River Road Sidewalks	Fill in sidewalk gaps on both sides of street.	McLoughlin Blvd	City Limits	\$626	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Roswell Street Sidewalks	Fill in sidewalk gaps on both sides of street.	32nd Ave	36th Ave	\$192	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Rusk Road Sidewalks	Fill in sidewalk gaps on both sides of street.	Lake Rd	North Clackamas Park	\$662	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Olsen Street Sidewalks	Fill in sidewalk gaps on north side of street.	32nd Ave	42nd Ave	\$432	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
49th Avenue Sidewalks	Fill in sidewalk gaps on both sides of street.	Logus Rd	King Rd	\$250	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Sidewalks	Fill in sidewalk gaps on both sides of street.	Oak St	37th Ave	\$420	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Intersection Curb Ramp Improvements	Install curb ramps at all intersections with sidewalks.	Citywide	Citywide	\$5	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Intersection Improvements at 37th	Improve pedestrian crossing.	Location specific	Location specific	\$20	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Intersection Improvements at Freeman	Improve pedestrian crossing.	Location specific	Location specific	\$20	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Intersection Improvements at Harrison	Improve pedestrian crossing.	Location specific	Location specific	\$20	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Intersection Improvements at Monroe	Improve pedestrian crossing.	Location specific	Location specific	\$15	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Hwy 224 Intersection Improvements at Oak	Improve pedestrian crossing.	Location specific	Location specific	\$20	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Intersection Improvements at Olsen and 42nd	Improve pedestrian crossing.	Location specific	Location specific	\$20	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0
Intersection Improvements at Harmony and Lake	Improve pedestrian crossing.	Location specific	Location specific	\$15	Low	No	Capital	Pedestrian	Low		Project not evaluated.										0

Project Name	Project Description	From	To	Estimated Cost (\$1,000s) ¹	Priority Ranking ²	Is Project Funded? ³	Project Type	TSP Chapter	Citizen Working Group Ranking	Other Input	How well does project meet TSP Goals? (3 = very well, 0= not at all)									
											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
Intersection Improvements at Railroad and 37 th	Improve pedestrian crossing.	Location specific	Location specific	\$10	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Intersection Improvements at Stanley and Logus	Improve pedestrian crossing.	Location specific	Location specific	\$15	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Springwater Trail Ramp Improvement at McLoughlin	Improve ramp at Springwater Trail and McLoughlin Blvd.	Location specific	Location specific	\$15	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Pedestrian Connection to North Clackamas Park	Create pedestrian connection between the school and the park.	Rowe Middle School	North Clackamas Park	\$1,284	Low	No	Capital	Pedestrian	Low		Project not evaluated.									0
Hwy 224 Intersection Improvements at 17 th	Upgrade intersection turning radii to better accommodate freight movements.	Location specific	Location specific	\$50	Low	No	Capital	Freight	Low		Project not evaluated.									0
Intersection Improvements at Mailwell and Omark	Upgrade intersection turning radii to better accommodate freight movements.	Location specific	Location specific	\$50	Low	No	Capital	Freight	Low		Project not evaluated.									0
Bicycle and Pedestrian Overpass	Establish a dedicated bicycle and pedestrian connection across Railroad Avenue and the railroad tracks.	Railroad Ave	International Way	\$2,025	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Bicycle-friendly Street Grates	Install bicycle-friendly street grates.	Citywide	Citywide	\$50	Low	No	Operational	Bicycle	Low		Project not evaluated.									0
Milwaukie Bike Map	Produce a Milwaukie Bike Map.	Citywide	Citywide	\$50	Low	No	Operational	Bicycle	Low		Project not evaluated.									0
Trolley Trail Signage	Design and install Trolley Trail signage.	Milwaukie Riverfront	Southern City Limits	\$54	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Springwater Trail Signage	Install wayfinding signage for Springwater Trail.	Citywide	Citywide	\$15	Low	No	Operational	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at Johnson Creek Blvd and Linwood	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at Linwood and King	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at Linwood and Harmony	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at Linwood and Monroe	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at International Way and Lake Road	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Intersection Improvements at Adams and 21 st	Improve safety of crossing at intersection.	Location specific	Location specific	\$10	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Lake Road Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Main St	Guilford Dr	\$3,142	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
Harrison Street Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Hwy 224	42 nd Ave	\$13	Low	No	Capital	Bicycle	Low		Project not evaluated.									0
37 th Avenue Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Harrison St	Hwy 224	\$2,900	Low	No	Capital	Bicycle	Low		Project not evaluated.									0

Project Name	Project Description	From	To	Estimated Cost (\$1,000s) ¹	Priority Ranking ²	Is Project Funded? ³	Project Type	TSP Chapter	Citizen Working Group Ranking	Other Input	How well does project meet TSP Goals? (3 = very well, 0= not at all)										
											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE	
43 rd Avenue Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	King Rd	Filbert St	\$1,014	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
Oatfield Road Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Guilford Ct	Lake Rd	\$348	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
Linwood Avenue Bike Lanes (north)	Fill in gaps in existing bicycle network with bike lanes.	Queen Rd	Johnson Creek Blvd	\$1,692	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
Linwood Avenue Bike Lanes (south)	Fill in gaps in existing bicycle network with bike lanes.	Juniper St	Harmony Rd	\$296	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
Rusk Road Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Lake Rd	North Clackamas Park	\$936	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
21 st Avenue Bike Lanes	Fill in gaps in existing bicycle network with bike lanes.	Harrison St	Lake Rd	\$50	Low	No	Capital	Bicycle	NA	Downtown Plan	Project not evaluated.										0
Police Enforcement on Drivers	Enforce laws related to bike lanes and bicycle safety.	Citywide	Citywide	\$10	Low	No	Operational	Bicycle	Low		Project not evaluated.										0
Bike Lane Striping	Re-stripe existing bike lanes and stripe bike lanes on streets where buses and bicyclists share the road.	Citywide	Citywide	\$20	Low	No	Operational	Bicycle & Transit	Low		Project not evaluated.										0
Kellogg Creek Trail Improvements	Resurface trail and provide wayfinding signage to/from trail.	Milwaukie Riverfront	Treatment Plant	\$623	Low	No	Capital	Bicycle	Low		Project not evaluated.										0
Hwy 224 Access Modifications at Freeman Way	Modify access at Freeman Way to improve intersection functioning.	Location specific	Location specific	\$1,313	Low	No	Capital	Automobile	Low		Project not evaluated.										0
Stanley Ave Connectivity at King	Enhance connection along Stanley Ave at King Road.	Location specific	Location specific	\$53	Low	No	Capital	Automobile	Low		Project not evaluated.										0
Stanley Ave Connectivity at Monroe	Enhance connection along Stanley Avenue at Monroe Street.	Location specific	Location specific	\$53	Low	No	Capital	Automobile	Low		Project not evaluated.										0
Harmony Road Grade Separation and Realignment at Linwood	Grade separate Harmony Road from Union Pacific Railroad and align as a through east-west movement. Outcome of alignment and geometry is dependant upon the Harmony Road Environmental Assessment project (scheduled for completion Fall 2008).	Location specific	Location specific	\$28,000	Low	No	Capital	Freight & Automobile	Low		Project not evaluated.										0
Regional Projects within or through the City of Milwaukie⁴																					
Milwaukie Light Rail Extension or High Capacity Transit Improvements	Construct light rail or high capacity transit improvements between Milwaukie and Portland.	Rose Quarter MAX Station	Milwaukie Town Center	\$515,000	—	No	Capital	Transit	—	2004 RTP	Project not evaluated.										0
Oregon City Light Rail Extension or High Capacity Transit Improvements	Construct light rail or high capacity transit improvements between Milwaukie and Oregon City.	Milwaukie Town Center	Oregon City	\$577,500	—	No	Capital	—	—	2004 RTP	Project not evaluated.										0
Milwaukie Transportation Management Association Program	Implement a transportation management association for employers.	Milwaukie Town Center	Milwaukie Town Center	\$200	—	No	Operational	Transit	—	2004 RTP	Project not evaluated.										0

Project Name	Project Description	From	To	Estimated Cost (\$1,000s) ¹	Priority Ranking ²	Is Project Funded? ³	Project Type	TSP Chapter	Citizen Working Group Ranking	Other Input	How well does project meet TSP Goals? (3 = very well, 0= not at all)									
											Livability	Safety	Travel Choices	Quality Design	Reliability/Mobility	Sustainability	Efficient Funding	Compatibility	Economic Vitality	TOTAL SCORE
Portland Traction Company Multi-Use Trail	Plan, engineer, and construct multi-use trail along Portland Traction Company right-of-way.	Milwaukie	Gladstone	\$1,386	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
North Clackamas Greenway Corridor Study	Study feasibility of corridor for multi-use path construction (possibly along Kellogg Creek).	Milwaukie	Clackamas Regional Center	—	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
Linwood/Harmony/Lake Road Intersection Improvements	Add northbound right turn lane and eastbound right turn lane.	Location specific	Location specific	\$28,000	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
McLoughlin Boulevard Improvements	Complete boulevard design improvements.	Scott St	Harrison St	\$3,300	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
Tillamook Branch Trestle Trail Study	Study feasibility of east-west multi-use trail construction.	Milwaukie Town Center	Lake Oswego Town Center	—	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
Railroad Junction Improvements	Implement track and signal improvements to allow for increased track speeds between UP Willsburg Junction and UP Albina Yards.	Milwaukie	UP Railroad Albina Yards	\$8,800	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0
Railroad Track Extension	Extend two tracks from Willsburg Junction to Clackamas.	Milwaukie	I-205	\$19,000	—	No	Capital	—	—	2004 RTP	Project not evaluated.									0

¹ In the case of operational projects, estimated costs are for entire 22-year planning period.

² Projects are ranked as either high, medium, or low. They are in no particular order within their ranking.

³ Funded projects are listed on one of the mode-specific Action Plans in the TSP and are expected to be funded within the 22-year planning period through either direct or leveraged City funding.

⁴ 2004 Regional Transportation Plan (RTP) projects in the Milwaukie area that may or may not be shown on mode-specific master plans or project lists.

Key:

NDA = Neighborhood District Association

NTMP = Neighborhood Traffic Management Program

CIP = Capital Improvement Program

STSP = Safe Trips to School Program

RTP = Regional Transportation Plan