



To: Members of the Technical Committee for the City of Milwaukie's Transportation System Plan 2023-2025 Update

From: Laura Weigel, Planning Manager
Ryan Dyar, Associate Planner

Date: May 14, 2025, for Wednesday, May 21, 2025, TSPTC Meeting #9

Subject: Meeting Materials

Dear Committee Members,

Attached is the updated draft Future Conditions and Solutions Executive Summary. We incorporated feedback from our last meeting on the pedestrian and bicycle projects and included the initial list of transit, roadway and freight projects for discussion.

We thank you once again for dedicating your time and energy to this process and are excited to be developing a transportation system that benefits all Milwaukie residents. Should you have any questions or require further information, please do not hesitate to reach out.

We look forward to seeing you next Wednesday.

Sincerely,

Laura Weigel, Planning Manager
Ryan Dyar, Associate Planner

Attachments:

Exhibit A. Draft Future Conditions and Solutions Executive Summary

DRAFT FUTURE CONDITIONS AND SOLUTIONS MEMO

Date: May 8, 2025

To: Project Management Team

From: Kittelson & Associates, Inc.

Project: Milwaukie Transportation System Plan

Subject: Future Conditions and Solutions

***** Note to Reviewer (05/08/25). This memorandum is DRAFT. This dated version contains the updated list of Pedestrian and Bicycle projects and the initial list of Transit, Roadway, and Freight projects. The full evaluation/cost assessment of projects will be presented in the next update. *****

Executive Summary

This memorandum (memo) summarizes transportation gaps and deficiencies identified in the Transportation System Conditions, Needs, and Gaps Memo, and with a focus on the TSP Vision and Goals develops an initial project list to address these gaps and deficiencies.

Vision Statement: Milwaukie will have a complete network of sidewalks, bike lanes, and paths along with well-maintained streets and a robust transit system that connects our community. Travel within and through Milwaukie is safe, efficient, equitably planned, and meets the needs of the entire community.

Project List

In the last planning effort, the project team identified transportation needs and gaps based on several factors including a Pedestrian Level of Traffic Stress (PLTS) analysis, a Bicycle Level of Traffic Stress (BLTS) analysis, a vehicular/safety analysis of select intersections, a review of projects previously identified in other local and regional transportation planning documents, and review of committee/public feedback. From these efforts, this section presents the draft modal projects that are being considered for inclusion in the Milwaukie Transportation System Plan (TSP).

Details on the process for identifying projects are documented in the modal and evaluation sections of this memorandum. More details on modal network classifications are included in the Functional Classification Memo.

Pedestrian Facilities

Pedestrian facilities refer to infrastructure designed for people walking or using mobility devices and typically include sidewalks, on-street pathways, multi-use trails, and street crossings. A well-connected pedestrian network provides safe and efficient links between pedestrian trip generators like schools, parks, commercial areas, neighborhood hubs, residential neighborhoods, and other pedestrian attractors. To help ensure these connections are made and prioritized at the planning level, Figure 1 illustrates the proposed pedestrian street classifications. As shown, all roadways in Milwaukie will be classified as either a Major City Walkway, City Walkway, Neighborhood Walkway, or Local Service Walkway. While the classifications do not prescribe a specific facility type or treatment (e.g., bicycle lane, multi-use pathway, curb-extensions, etc.), they do indicate the role of a facility within the larger modal network and the infrastructure expectations for meeting that role.

Pedestrian travel in Milwaukie is challenged by an incomplete sidewalk network, local street connectivity limitations, and barriers created by two major highways (224 and 99E) and light and freight rail corridors. Only 15 percent of the existing roadway network in Milwaukie achieves a Pedestrian Level of Traffic Stress (PLTS) score of 1 or 2, due to the lack of sidewalk facilities or obstructions that limit the effective sidewalk width to levels that can impede walking and rolling. Figure 2 illustrates the pedestrian needs and gaps overlayed on priority focus areas.

To begin to address these needs, Table 1 and Figure 3 list and illustrate the proposed pedestrian projects. These projects fill some of the identified gaps along Major City Walkways, City Walkways, and Neighborhood Walkways and enhance/make new connections to/from/within Milwaukie's priority focus areas. The project lists also include SAFE projects and connectors on Local Service Walkways that overlap with priority focus areas.

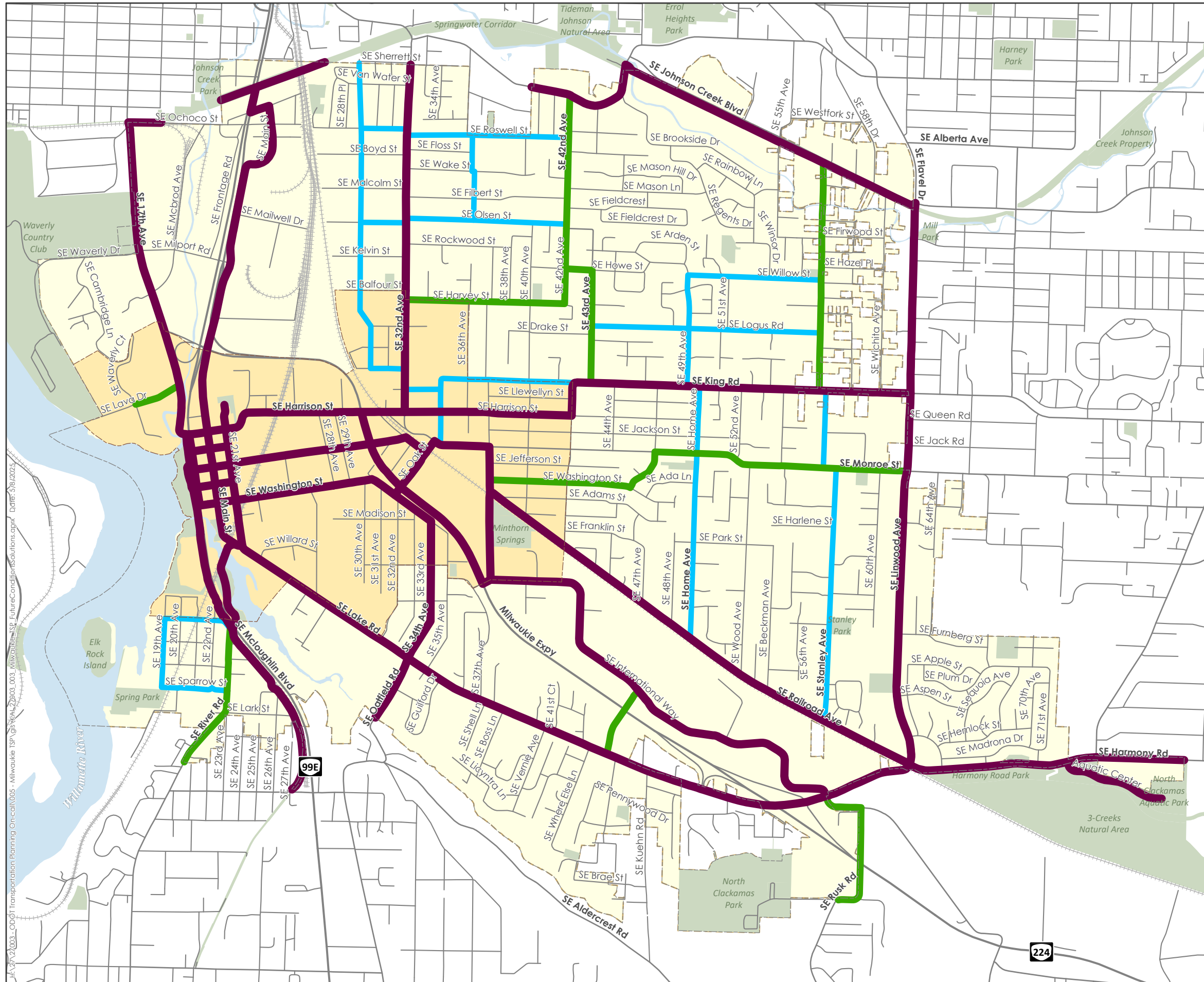


FIGURE 1

Pedestrian Classifications

Legend

- Major City Walkway
- City Walkway
- Neighborhood Walkway
- Local Service Walkway
- Milwaukie City Limits
- Milwaukie Town Center
- Parks



Generated On: 3/10/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles



Table 1 - Pedestrian Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Project Type	Ped Classification	Roadway Classification
P-1	SE Moores St	HWY 99E	SE Main Street	Narrow sidewalk, PLTS 3/4	Reconstruct and widen to 6ft curb-tight sidewalk (south side)	Sidewalk reconstruction; obstruction removal	Major City Walkway	Local Street
P-2	SE 32nd Ave	SE Sherrett St	SE Harrison St	and Utilites poles limiting effective width of sidewalk; PLTS 3/4	Reconstruct 6 ft curb-tight sidewalks (both sides) and remove utility obstructions	Sidewalk reconstruction; obstruction removal	Major City Walkway	Collector
P-3	SE Johnson Creek Blvd	SE 40th Ave	SE 45th Ave	Mailboxes and utility poles limiting effective sidewalk width, PLTS 3/4	Reconstruct 6 ft curb-tight sidewalks (both sides) and remove utility obstructions	Sidewalk reconstruction; obstruction removal	Major City Walkway	Collector
P-4	SE King Rd	SE 34th Ave	SE 40th Ave	Missing sidewalks, PLTS 4	Construct new 5ft minimum curb-tight sidewalk (north side)	New sidewalk	Neighborhood Walkway	Local Street
P-5	SE Harmony Rd	SE Linwood Ave	Aquatic Center Access Rd	SAFE Project. Missing sidewalk on the south side, PLTS 4; narrow sidewalk on the north side, PLTS 3	Construct 8-10ft ped/bike pathway on south sides of road	New ped/bike pathway	Major City Walkway	Arterial
P-6	SE Lake Rd	SE 34th Ave	SE Harmony Rd	International Way; frequent sidewalk obstructions on existing sidewalk, PLTS 3/4	Construct 8-10ft ped/bike pathway on south sides of road	New sidewalk; New ped/bike pathway	Major City Walkway	Arterial
P-7	SE Johnson Creek Blvd	West city limits	SE Linwood Ave	Missing sidewalk, PLTS 4	Coordinate with City of Portland to ensure construction of 6 ft curb-tight sidewalks (north side)	New sidewalk	Major City Walkway	Arterial
P-8	SE Oatfield Rd	SE Lake Rd	City Limits	SAFE Project. Missing sidewalk, PLTS 4	Construct new buffered 8ft sidewalks (both sides)	New sidewalks; landscape buffer	Major City Walkway	Arterial
P-9	SE 34th Ave	SE Washington St	SE Lake Rd	Narrow sidewalks, PLTS 3	Construct 8-10ft ped/bike pathway on west side of road. Reconstruct 6ft curb-tight sidewalk on the east side.	New ped/bike pathway; reconstructed sidewalk	Major City Walkway	Collector
P-10	SE 37th Ave	SE Washington St	SE International Way	Sidewalk gaps on east side of roadway, PLTS 4	Construct new 6ft curb-tight sidewalk on the east side of road.	New sidewalk	Major City Walkway	Collector
P-11	SE Washington St	SE Oak St	SE 34th Ave	Narrow or missing sidewalk, PLTS 3/4	Construct 8-10ft ped/bike pathway on south side of road.	New ped/bike pathway	Major City Walkway	Collector
P-12	SE Lake Rd	SE 23rd Ave	SE 34th Ave	Narrow/obstructed sidewalk environment, PLTS 3/4	Remove sidewalk obstructions (north side)	Sidewalk obstruction removal	Major City Walkway	Arterial
P-13	SE Harrison St	HWY 99E	SE Main Street	Narrow/obstructed sidewalk segments, PLTS 3	Remove utility obstructions	Sidewalk obstruction removal	Major City Walkway	Arterial
P-14	SE Monroe St	SE 21st St	OR 224	Narrow sidewalks, PLTS 3	Reconstruct 6ft curb-tight sidewalks (both sides)	Sidewalk reconstruction	Major City Walkway	Collector
P-15	SE Monroe St	OR 224	SE Campbell St	Narrow sidewalks, PLTS 3	Reconstruct 6ft curb-tight sidewalks (both sides)	Sidewalk reconstruction	Major City Walkway	Collector
P-16	SE Harrison St	SE 29th St	SE 32nd Ave	Narrow sidewalks, PLTS 4	Reconstruct buffered 6ft sidewalks (both sides)	Sidewalk reconstruction; landscape buffer	Major City Walkway	Arterial
P-17	SE Harrison St	SE 32nd Ave	SE 42nd Ave	SAFE project. Narrow sidewalks, PLTS 3/4	Reconstruct buffered 6ft sidewalks (both sides)	Sidewalk reconstruction; landscape buffer	Major City Walkway	Arterial
P-18	SE Campbell St	SE Monroe St	SE Oak St	Narrow/missing sidewalks, PLTS 3/4	Reconstruct 6ft curb-tight sidewalks (both sides)	Sidewalk reconstruction	Major City Walkway	Collector
P-19	SE River Rd	SE Lark St	South City Limit	Missing sidewalk, PLTS 4	Construct new 8ft curb-tight sidewalk on both sides of road.	New Sidewalk	City Walkway	Arterial
P-20	SE Harvey St	SE 32nd St	SE 42nd St	Narrow/missing/obstructed sidewalks, PLTS 3/4	Construct 5ft minimum curb-tight sidewalks (north side)	New Sidewalks	City Walkway	Neighborhood Route
P-21	SE 42nd Ave	SE Harvey St	SE Johnshon Creek Blvd	Frequent sidewalk obstructions	Remove sidewalk obstructions (both sides) and opportunities allow	Utility pole/mailbox relocation	City Walkway	Collector
P-22	SE Stanley Ave	SE Johnson Creek Blvd	SE King Rd	Missing sidewalks, PLTS 4	Construct 8-10ft ped/bike pathway on one side of road	New ped/bike pathway	City Walkway	Collector
P-23	SE 43rd Ave	SE King Rd	SE Howe St	Frequent sidewalk obstructions (east side)	Remove sidewalk obstructions (east side)	Mailbox relocation	City Walkway	Collector
P-24	SE Washington St	SE 37th Ave	SE Garrett Dr	Narrow/missing sidewalks, PLTS 3/4	Construct 5ft minimum curb-tight sidewalks (both sides)	New Sidewalks	City Walkway	Collector
P-25	SE Monroe St	SE 37th Ave	SE Garrett Dr	Narrow/Missing Sidewalks, PLTS 3/4	Construct 6ft minimum curb-tight sidewalks (both sides)	New Sidewalks	Neighborhood Walkway	Collector
P-26	SE Monroe St	SE Garrett Dr	SE Linwood Ave	Missing sidewalks, PLTS 4	Construct buffered 7ft minimum sidewalks (north side)	New Sidewalks	City Walkway	Collector
P-27	SE Railroad Ave	SE 37th Ave	SE Harmony	Missing sidewalks, PLTS 4	Construct 8-10ft ped/bike pathway on north side of road	New ped/bike pathway	Major City Walkway	Collector

Table 1 - Pedestrian Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Project Type	Ped Classification	Roadway Classification
P-28	SE International Way	SE Freeman Way	SE Lake Rd	SAFE project. Missing sidewalks, PLTS 4	Construct 5ft minimum curb-tight sidewalks (both sides)	New Sidewalks	Major City Walkway	Collector
P-29	SE Rusk Rd	SE Lake Rd	HWY 224	30 mph missing sidewalks, PLTS 4	Coordinate with Clackamas County to ensure construction of 6 ft curb-tight sidewalks (west side)	New sidewalks	City Walkway	Collector
P-30	SE Rusk Rd	HWY 224	South City Limit	30 mph, missing sidewalk buffer on the west side, PLTS 3	Coordinate with Clackamas County to ensure construction of 6 ft curb-tight sidewalks (west/north side)	New sidewalks	City Walkway	Collector
P-31	SE 29th Ave	SE Sherrett St	SE Balfour St	Missing sidewalks, PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Neighborhood Walkway	Local Street
P-32	SE Llewellyn St	SE 32nd Ave	SE 34th Ave	Sidewalk gaps, PLTS 4	Construct 8-10ft ped/bike pathway on north side of road	New ped/bike pathway	Neighborhood Walkway	Local Street
P-33	SE 34th Ave	SE King Rd	SE Harrison St	Missing sidewalks, PLTS 4	Construct 8-10ft ped/bike pathway on west side of road. Reconstruct 6ft curb-tight sidewalk on the east side.	New ped/bike pathway	Neighborhood Walkway	Local Street
P-34	SE 34th Ave	SE Harrison St	SE 34th Dead End	Sidewalks under 5 ft in width, PLTS 4	Construct 8-10ft ped/bike pathway on west side of road. Reconstruct 6ft curb-tight sidewalk on the east side.	New ped/bike pathway	Neighborhood Walkway	Local Street
P-35	SE Roswell St	SE 29th Ave	SE 32nd St	Missing sidewalks, PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Neighborhood Walkway	Local Street
P-36	SE Roswell St	SE 32nd Ave	SE 42nd Ave	Frequent sidewalk obstructions (32nd to 36th and 39th to 42nd), PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Neighborhood Walkway	Neighborhood Route
P-37	SE Olsen St	SE 29th Ave	SE 32nd Ave	Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (north side)	New sidewalks	Neighborhood Walkway	Neighborhood Route
P-38	SE Olsen St	SE 32nd Ave	SE 42nd Ave	SAFE project. Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (north side)	New sidewalks	Neighborhood Walkway	Local Street
P-39	SE Willow St	SE Winsor Dr	SE 49th Ave	Sidewalk gaps	Construct 5ft curb-tight sidewalk (south side) to connect Glover Street Alley	New sidewalks	Neighborhood Walkway	Neighborhood Route
P-40	SE 49th Ave	SE Willow Ave	SE King Rd	SAFE project. Missing sidewalks, PLTS 4	Construct 5ft curb-tight sidewalk (west side)	New sidewalks	Neighborhood Walkway	Neighborhood Route
P-41	SE Logus Rd	SE 43rd Ave	SE 49th Ave	Missing sidewalks, PLTS 4	Construct 5ft curb-tight sidewalk (south side)	New sidewalks	Neighborhood Walkway	Neighborhood Route
P-42	SE Stanley Ave	SE King Rd	SE Monroe St	Sidewalk missing on both sides	Construct 5ft minimum curb-tight sidewalks (both sides)	New sidewalks	Neighborhood Walkway	Collector
P-43	SE Stanley Ave	SE Monroe St	SE Railroad Ave	Sidewalk missing on both sides	Fill gaps and construct 5ft minimum curb-tight sidewalks (both sides)	New sidewalks	Neighborhood Walkway	Collector
P-44	SE 51st Ave	SE Logus Rd	SE Winworth Ct	SAFE project. Sidewalks missing on both sides	Construct 5ft curb-tight sidewalk (east side)	New sidewalks	Local Service Walkway	Local Street
P-45	SE Willow St	SE Windsor Dr	SE 51st Ave	Unimproved ped/bike pathway	Construct a 10ft multi-use path	New multi-use pathway	Neighborhood Walkway	(off street)
P-46	SE Willow Ave alley	SE Winworth Ct	SE Howe St	Unimproved ped/bike pathway	Construct a 10ft multi-use path	New multi-use pathway	Neighborhood Walkway	(off street)
P-47	SE 37th Ave	SE Wister St Path	SE Edison St	Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (south/west side)	New sidewalks	Not designated	Neighborhood Route
P-48	SE Brookside Drive	SE Johnson Creek Blvd	SE Regents Dr	SAFE project. Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (south side)	New sidewalks	Not designated	Neighborhood Route
P-49	SE Regents Dr	SE Brookside Dr	SE Winsor Dr	SAFE project. Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (south side)	New sidewalks	Not designated	Neighborhood Route
P-50	SE Mason Ln	SE 42nd Ave	SE Regents Dr	SAFE project. Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (south side)	New sidewalks	Not designated	Neighborhood Route
P-51	SE 44th Ave	SE Monroe St	SE Harrison St	Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (both sides)	New sidewalks	Not designated	Local Street
P-52	SE Harrison St	SE 44th Ave	SE Home St	Missing/obstructed sidewalks, PLTS 3/4	Construct 5ft curb-tight sidewalk (both sides)	New sidewalks	Not designated	Local Street
P-53	SE 27th Ave	SE Lake Rd	SE Washington St	Narrow/obstructed sidewalks on east side, PLTS 3/4	Reconstruct 5 ft curb-tight sidewalks (east side) and remove utility obstructions	Sidewalk reconstruction; obstruction removal	Local Service Walkway	Neighborhood Route
P-54	SE Edison St	SE 35th Ave	OR 224	Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (north side)	New sidewalks	Not designated	Local Street

Table 1 - Pedestrian Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Project Type	Ped Classification	Roadway Classification
P-55	SE Bluebird St	SE 19th Ave	SE 22nd Ave	Missing sidewalk, PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Neighborhood Walkway	Local Street
P-56	SE 19th Ave	SE Eagle St	SE Sparrow St	Missing sidewalk, PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Neighborhood Walkway	Local Street
P-57	SE Sparrow St	SE 19th Ave	SE River Rd	Missing sidewalk, PLTS 4	Construct 5ft curb-tight sidewalk (south side)	New sidewalks	Neighborhood Walkway	Local Street
P-58	SE Ochoco St	SE 17th Ave	Springwater Trail	SAFE project. Incomplete trail corridor	Coordinate with City of Portland to ensure construction of a 10ft multi-use path	New multi-use pathway	Major City Walkaway	Collector
P-59	SE Ochoco St	Springwater Trail	SE McBrod Ave	SAFE project. Missing sidewalk, PLTS 4	Coordinate with City of Portland to ensure construction of 5ft curb-tight sidewalk (north side)	New sidewalk	Not designated	Collector
P-60	SE Mallard Way	End of road	SE International Way	Missing sidewalk, PLTS 4	Construct 5ft minimum curb-tight sidewalks (both sides)	New Sidewalks	Not designated	Local Street
P-61	SE 42nd Ave/SE Roswell St	Intersection		Increase pedestrian safety	Install RRFB across SE 42nd Ave	Enhanced crossing treatment	City Walkway	Collector
P-62	SE 32nd Ave/SE Meek St	Intersection		Increase pedestrian safety	Install RRFB across SE 32nd Ave	Enhanced crossing treatment	City Walkway	Collector
P-63	SE King Rd/SE Home St	Intersection		Increase pedestrian safety	Install RRFB across SE King Rd	Enhanced crossing treatment	Major City Walkway	Arterial
P-64	SE King Rd/SE Stanley Ave	Intersection		Increase pedestrian safety	Install RRFB across SE King Rd	Enhanced crossing treatment	Major City Walkway	Arterial
P-65	SE Railroad Ave/SE Home Ave	Intersection		Increase pedestrian connectivity	Construct at grade bike/ped crossing of Railroad Ave and adjacent rail line to SE Mallard Way	Enhanced crossing treatment and rail crossing	Major City Walkway	Collector
P-66	OR 224/SE Freeman Way	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	City Walkway	Regional Route
P-67	SE Stanley Ave/SE Logus Rd	Intersection		Increase pedestrian safety	Install RRFB across SE Stanley Ave	Enhanced crossing treatment	City Walkway	Collector
P-68	OR 224/SE 37th Ave	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway	Regional Route
P-69	OR 224/SE Oak St	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway	Regional Route
P-70	OR 224/SE Monroe St	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway	Regional Route
P-71	OR 224/SE Harrison St	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway	Regional Route
P-72	SE Olsen St	Western extents of SE Olsen St	SE Mailwell Dr	Increase pedestrian connectivity	Construct bike/ped crossing of rail line to SE Mailwell Dr	Rail crossing	Not designated	Local Street
P-73	SE Stanley Ave/SE Monroe St	Intersection		Increase pedestrian safety	Install RRFB across SE Monroe St	Enhanced crossing treatment	City Walkway	Collector
P-74	SE King Rd	SE 44th Ave	SE Linwood Ave	Narrow sidewalks, PLTS 3	Construct 8-10ft ped/bike pathway on north and south side of road	New ped/bike pathway	Major City Walkway	Arterial
P-75	SE 32nd Ave	SE Meek St	SE Llewellyn St	Already PLTS 2	Construct a new 8-10ft ped/bike pathway on east side of road	New ped/bike pathway	Major City Walkway	Collector
P-76	OR 224/SE Rusk Rd	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway	Collector
P-77	SE Olsen St/SE 42nd Ave	Intersection		Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	City Walkway	Collector
P-78	SE Millport Rd	99E	SE 17th Ave	Missing sidewalks, PLTS 4	Construct 5ft minimum curb-tight sidewalks (both sides)	New Sidewalks	Not designated	Local Street
P-79	99E/SE Ochoco St	Intersection		Increase pedestrian safety	To Be Determined	Enhanced crossing treatment	Not designated	Regional Route
P-80	99E/SE Milport RD	Intersection		Increase pedestrian safety	To Be Determined	Enhanced crossing treatment	Not designated	Regional Route
P-90	SE Garrett St	SE Washington St	SE Monroe St	Narrow sidewalks, PLTS 3	Reconstruct 5ft minimum curb-tight sidewalks (both sides)	New Sidewalks	City Walkway	Local Street

Table 1 - Pedestrian Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Project Type	Ped Classification	Roadway Classification
P-106	SE Harlow St/SE 56th Ave	SE 56th Ave	SE Stanley Ave	Missing sidewalks, PLTS 4	Reconstruct 5ft minimum curb-tight sidewalks (south side)	New Sidewalks	Local Service Walkway	Local Street
P-107	SE Hazel Pl	SE Stanley Ave	SE Wichita Ave	Missing sidewalks, PLTS 4	Reconstruct 5ft minimum curb-tight sidewalks (south side)	New Sidewalks	Local Service Walkway	Local Street
P-108	SE Wichita Ave	SE King Rd	SE Johnson Creek Blvd	Missing sidewalks, PLTS 4	Reconstruct 5ft minimum curb-tight sidewalks (west side)	New Sidewalks	Local Service Walkway	Local Street
P-109	SE Boss Ln	SE Lake Rd	SE Licyntra Ln	Missing sidewalks, PLTS 4	Maintain shared roadway environment with signing and striping enhancements	Signing/striping	Local Service Walkway	Local Street
SAFE Projects Up To 2024 (not completed)								
P-91	SE King Road	SE 40th Ave	SE 43rd Ave		SAFE Project - Details TBD	TBD	Neighborhood Walkway	Neighborhood Route
P-92	SE Main St	SE Harrison St	Expressway (OR 224)		SAFE Project - Details TBD	TBD	Major City Walkway	Collector
P-93	SE Mailwell Drive	SE Main St	UPRR		SAFE Project - Details TBD	TBD	Local Service Walkway	Local Street
P-94	SE Sparrow Street	SE River Road	Trolley Trail / 26th Avenue					
P-95	SE Balfour Street	SE 32nd Ave	Balfour Park					
P-96	Park Street/ Lloyd Street	Home Avenue	Stanley Avenue		SAFE Project - Details TBD, SRTS	TBD	Local Service Walkway	Local Street
P-97	SE 26th Ave	SE Lake Rd	Lake Village Apartments		SAFE Project - Details TBD	TBD	Local Service Walkway	Local Street
P-98	SE 28th Ave - Van Water Street	Springwater Corridor	32nd Avenue		SAFE Project - Details TBD, SRTS	Signing/striping	Local Service Walkway	Local Street
P-99	SE Logus Rd	SE Stanley Ave	43th Avenue		SAFE Project - Details TBD, SRTS	TBD	Neighborhood Walkway	Neighborhood Route
P-100	SE Lava Drive / Waverly Court	SE 17th Ave	Highland Apartments Entrance		SAFE Project - Details TBD	TBD	City Walkway	Local Street
P-101	Where Else Lane	SE Lake Rd	Bowman and Brae Park		SAFE Project - Details TBD	TBD	Local Service Walkway	Neighborhood Route
P-102	Aspen - Furnberg Street	SE Lindwood Ave	Furnberg Park		SAFE Project - Details TBD	TBD	Local Service Walkway	Local Street
P-103	SE 47th Ave	SE Franklin St	Railroad Avenue		SAFE Project - Details TBD	TBD	Local Service Walkway	Local Street
P-104	SE 35th Ave	SE Lake Rd	Edison Street		SAFE Project - Details TBD	TBD	Local Service Walkway	Local Street
P-105	SE 28th Ave	SE Washington St	Harrison Street		SAFE Project - Details TBD, SRTS	TBD	Local Service Walkway	Local Street
P-110	SE 37th Ave	SE Lake Rd	SE Grogan Ave	Missing sidewalks, PLTS 4	Construct 5ft minimum curb-tight sidewalks (south side)	New Sidewalks	Local Service Walkway	Local Street
P-111	SE Roswell St	Western extents of SE Roswell St	SE Ochoco Dr	Increase pedestrian connectivity	Construct bike/ped crossing of rail line to SE Ochoco St	Rail crossing	Not designated	Local Street

Table 1 - Pedestrian Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Project Type	Ped Classification	Roadway Classification
P-112	99E/SE Harrison St	Intersection			Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway
P-113	99E/SE Monroe St	Intersection			Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway
P-114	99E/SE Washington St	Intersection			Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway
P-115	99E/ SE River Rd	Intersection			Increase pedestrian safety	Improve pedestrian crossing	Enhanced crossing treatment	Major City Walkway
P-116	SE Minthorn Loop Rd	SE 37th Ave	Minthorn Loop Road	Unimproved ped/bike pathway				Off Street
P-117	Kellog Creek	SE Main St	Trolley Trail	Trail opportunity after dam removal				Off Street
P-118	32nd Ave/Harvey St	Intersection			Improve safety of crossing at intersection			
P-119	32nd Ave/Harrison	Intersection			Signal retiming and improve safety of crossing at intersection			
P-120	SE Harlene St	west extents	SE Wood Ave			-	-	-
P-121	SE Frontage Rd	SE Ochoco St	SE Millport Rd	no sidewalks	Construct 5ft minimum curb-tight sidewalks (west side)	New Sidewalks	Local Service Walkway	Local Street
P-122	SE Ochoco St	east extents	Highway 99E	Narrow/missing sidewalks, PLTS 4	Reconstruct 5ft minimum curb-tight sidewalks (north side)	New Sidewalks	Local Service Walkway	Local Street
P-123	SE Main St	SE Hanna Harvester Dr	SE Ochoco St	BLTS 4; 35mph; no formally striped bike facility.	Construct 8-10ft ped/bike pathway on east side of road	New ped/bike pathway	City Walkway	Collector

	Sidewalks
	On-street bike/ped pathway
	Ped project at intersection
	Ped/Rail crossing



FIGURE 3

Pedestrian Projects
DRAFT

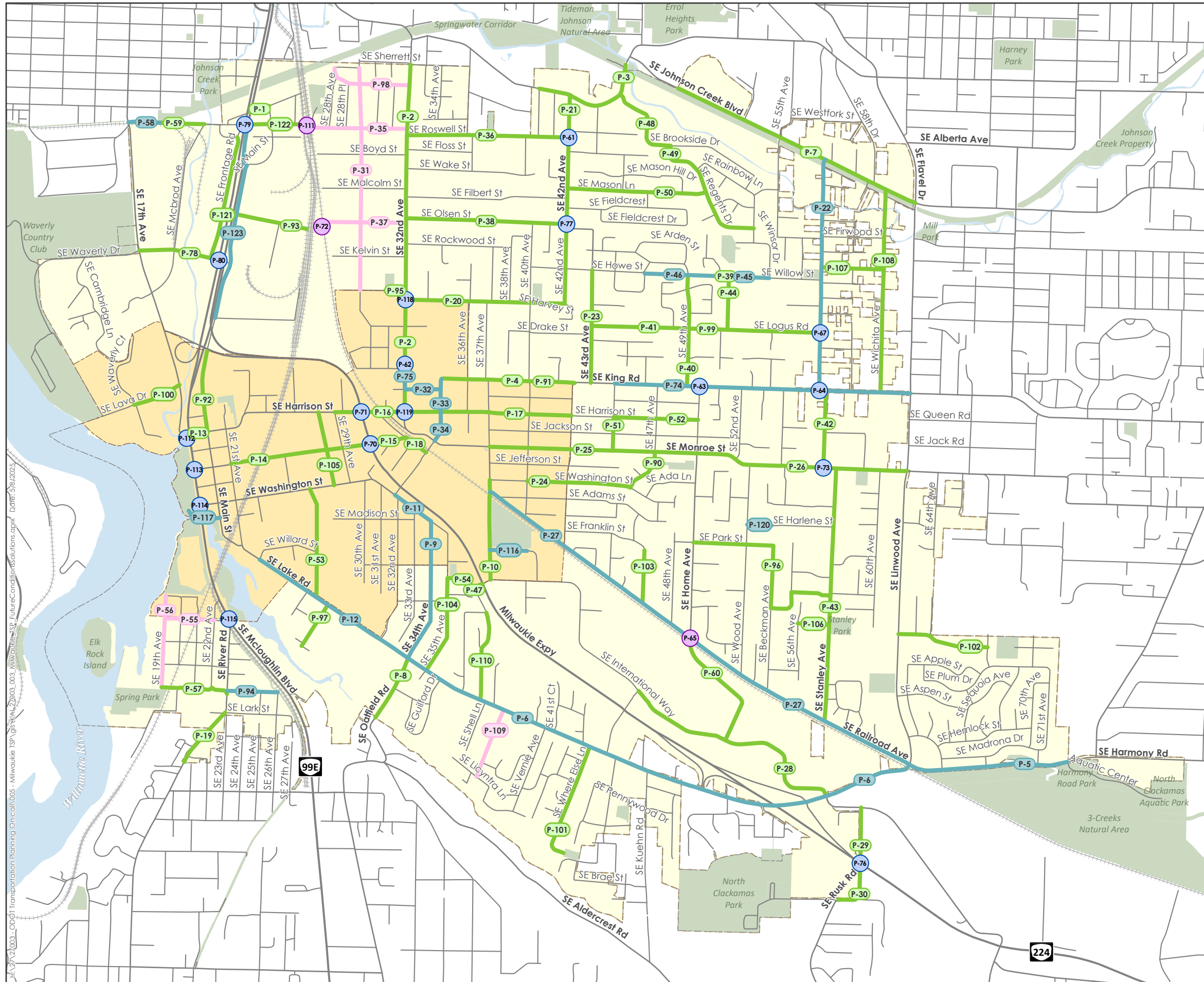
Legend

- Pedestrian Project at Intersection
- Pedestrian/Rail Crossing Project
- Sidewalk Project
- On-street Bike/Ped Pathway Project
- Shared Roadways
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Generated On: 5/8/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles



Bicycle Facilities

Bicycle facilities serve a variety of trips, including trips to major attractions such as schools, parks, retail centers, and public facilities; commuter trips; recreational trips; and access to transit. The existing bicycle system in the City of Milwaukie consists of dedicated bicycle lanes, shared use on-street pathways, multiuse trails, and paved shoulders. Figure 4 illustrates the proposed bicycle street classifications, including Major City Bikeways, City Bikeways, Neighborhood Bikeways, and Local Service Bikeways.

Under existing conditions, approximately 30% of the roadways in Milwaukie do not meet the City's BLTS 1 target. Most of these deficient roadways are concentrated along the Arterial and Collector network. Figure 5 illustrates the bicycle needs and gaps overlayed on priority focus areas. To address some of these needs, Table 2 and Figure 6 list and illustrate the proposed bicycle projects. These projects generally fill identified gaps along Major City Bikeways, City Bikeways, and Neighborhood Bikeways. The project lists also include SAFE projects and key connectors on Local Service Bikeways that overlap with priority focus areas.

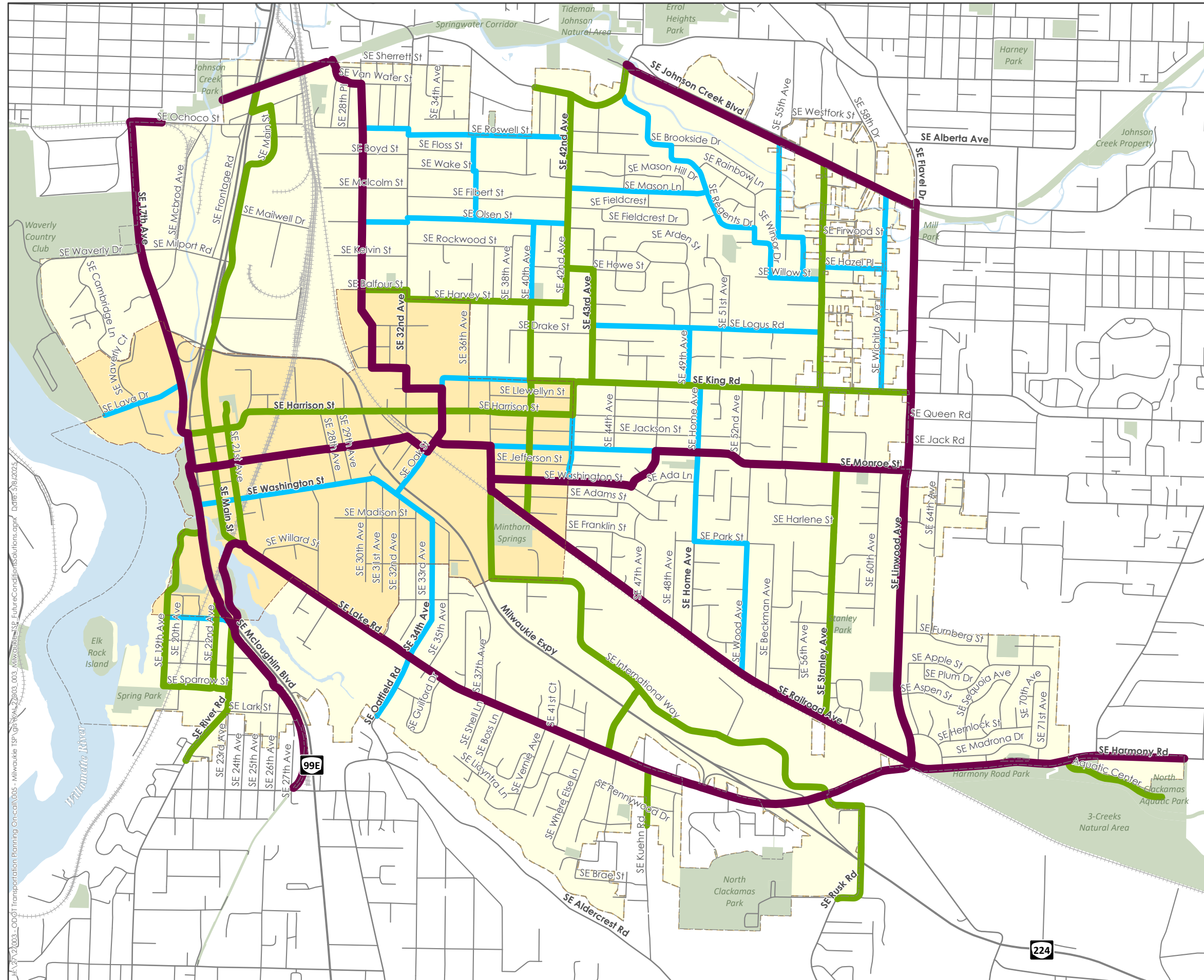


FIGURE 4

Bike Classifications

Legend

- Major City Bikeway
- City Bikeway
- Neighborhood Bikeway
- Local Service Bikeway
- Milwaukie City Limits
- Milwaukie Town Center
- Parks



Generated On: 3/5/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles





FIGURE 5

Legend

-  Bicycle Facility Does Not Meet the BLTS 1 Target
 No Bicycle Facility/Does Not Meet the PLTS 2 Target

Density of Focus Area Bikesheds

- 
- 6 (Bikeshed Layers)
- 3 (Bikeshed Layers)
- 1 (Bikeshed Layer)

-  Milwaukie City Limits
 Parks

Generated On: 5/8/2025

Data Sources: City of Milwaukie, ODOT

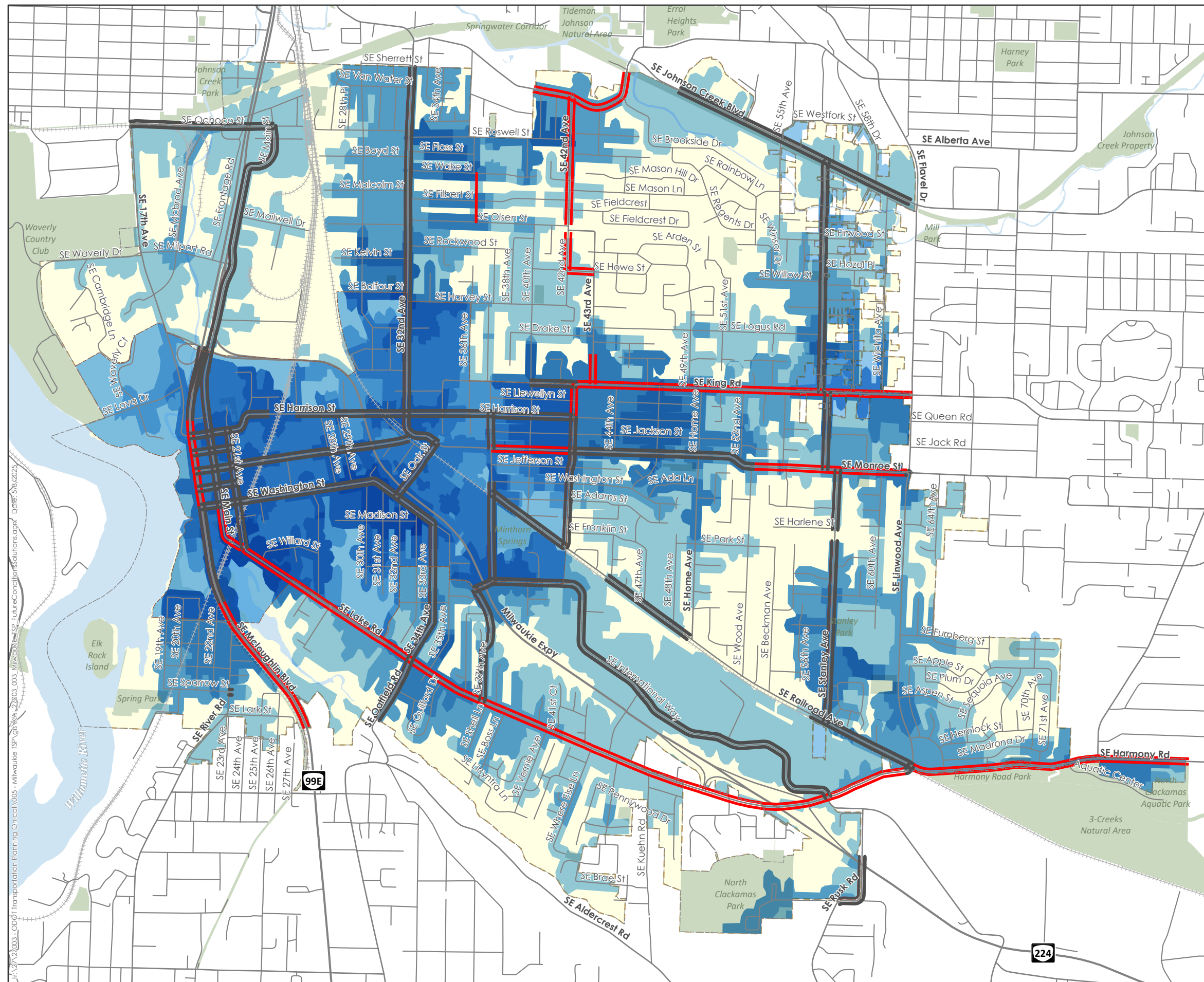


Table 2 - Bicycle Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Bike Classification	Roadway Classification
B-1	SE Ochoco St	SE 17th Ave	Springwater Corridor	BLTS 3; no bike facility; 25mph	Coordinate with City of Portland to ensure construction of a 10ft multi-use path	Major City Bikeway	Collector
B-2	SE Main St	SE Moores St	SE Hanna Harvester Dr	BLTS 4; 35mph; no formally striped bike facility. SAFE Project	Construct 8-10ft ped/bike pathway on east side of road	City Bikeway	Collector
B-3	SE 32nd Ave	SE Meek St	SE Llewellyn St	BLTS 3; no bike facility; 25mph	Construct 8-10ft ped/bike pathway on east side of road	Major City Bikeway	Collector
B-4	SE Johnson Creek Blvd	SE 40th	SE 45th Ave	BLTS 2; 5ft bike lanes present; 25mph	Restripe roadway to a 5.5' bike lane (both directions)	City Bikeway	Collector
B-5	SE 42nd Ave	SE Harvey St	SE Howe St	BLTS 3; shared lane; 25mph	Install shared roadway lane markings, signage, and traffic calming improvements	City Bikeway	Collector
B-6	SE 43rd Ave	End of multi-use path South of SE Rhodessa St	SE King Rd	BLTS 3; multi-use path drops to <5' bike lane	Construct 8-10ft ped/bike pathway on west side of road	City Bikeway	Collector
B-7	SE King Rd	SE 44th Ave	SE Linwood Ave	BLTS 3; switches from 25mph to 35mph at 44th; 5ft bicycle lanes	Construct 8-10ft ped/bike pathway on north and south side of road	City Bikeway	Arterial
B-8	SE Stanley Ave	SE Johnson Creek Blvd	SE King Rd	BLTS 3; no bike facility; 25mph	Construct 8-10ft ped/bike pathway on one side of road	City Bikeway	Collector
B-9	SE Stanley Ave	SE King Rd	SE Monroe St	BLTS 2; unmarked centerline; no bike facility	Construct 5.5ft bike lanes (both directions)	City Bikeway	Collector
B-10	SE Stanley Ave	SE Monroe St	SE Railroad Ave	BLTS 2; unmarked centerline; no bike facility	Construct 5.5ft bike lanes (both directions)	City Bikeway	Collector
B-11	SE Monroe St	SE Garrett Dr	SE Linwood Ave	BLTS 2; shared lane; 25mph	Install shared roadway lane markings, signage, and traffic calming improvements	Major City Bikeway	Collector
B-12	SE Railroad Ave	SE 37th Ave	SE Harmony	BLTS 3; no bike facility; 35mph	Construct 8-10ft ped/bike pathway on north side of road	Major City Bikeway	Collector
B-13	SE Harmony Rd	SE Linwood Ave	Aquatic Center Access Rd	SAFE Project BLTS 3; no bike facility; 35mph	Construct 8-10ft ped/bike pathway on south sides of road	Major City Bikeway	Arterial
B-14	SE International Way	SE 37th Ave	SE Freeman Way	SAFE project. BLTS 3; 3 lanes until SE Freeman Wy; 25mph	Restripe roadway to include 7ft buffered bike lanes (both directions)	City Bikeway	Collector
B-15	SE International Way	SE Freeman Way	SE Lake Rd	SAFE project. BLTS 3; 2 lanes until Lake Rd; 25mph	Construct 7ft buffered bike lanes (both directions)	City Bikeway	Collector
B-16	SE Rusk Rd	SE Lake Rd	SE Kellog Creek Rd	BLTS 3; no bike facility; 30mph until HWY 224 / 25 mph south of HWY 224	Construct 5.5' bike lanes (both directions) Coordinate with Clackamas County on bicycle facility enhancements	City Bikeway	Collector
B-17	SE Lake Rd	SE Kuehn Ct	SE Harmony Rd	BLTS 3; on street bike facility; 40mph	Construct 8-10ft ped/bike pathway on south side of road	Major City Bikeway	Arterial
B-18	SE 34th Ave	SE King Rd	SE 34th Dead End	BLTS 1	Construct 8-10ft ped/bike pathway on east side of road	Major City Bikeway	Local Street
B-19	SE Oatfield Rd	SE Lake Rd	City limits	SAFE project. BLTS 3; no formal bike facility; 30mph	Construct 5.5ft bike lanes (both directions)	Nieghborhood Bikeway	Arterial
B-20	SE Oak St	SE Monroe St	SE Campbell St	BLTS 3; no bike facility; 25mph; 3 lanes	Construct 8-10ft ped/bike pathway on both sides of road	Major City Bikeway	Arterial
B-21	SE Railroad Ave	SE 37th Ave	SE Harmony	BLTS 3; no bike facility; 35 mph	Construct 8-10ft ped/bike pathway on north side of road	Major City Bikeway	Collector
B-22	SE Monroe St	SE 21st Ave	SE Campbell St	BLTS 3; no bike facility; unmarked centerline; 25mph	Install shared roadway lane markings, signage, and traffic calming improvements	Major City Bikeway	Collector
B-23	SE Harrison St	Hwy 99E	SE 24th Ave	BLTS 3; no bike facility; 20mph until SE 21st Ave / 25mph	Install shared roadway lane markings, signage, and traffic calming improvements	City Bikeway	Arterial
B-24	SE Harrison St	SE 26th Ave	SE 42nd Ave	SAFE project. BLTS 3; no bike facility; 25mph; 2 lanes + parking both sides	Construct 5.5ft bike lanes (both directions)	City Bikeway	Arterial

Table 2 - Bicycle Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Bike Classification	Roadway Classification
B-25	SE King Rd	SE 34th Ave	SE 40th Ave	BLTS 3; no bike facilities; 25mph; unmarked centerline	Improve roadway surface and install shared lane markings (both directions)	Neighborhood Bikeway	Local Street
B-26	SE 42nd Ave	SE Harrison St	SE Washington St	BLTS 2; 25mph; no bike facilities; 2 lanes + parking	Remove on street parking and construct 5.5ft bike lane (both directions)	Neighborhood Bikeway	Collector
B-27							
B-28	SE Ochoco St/SE 17th Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Arterial
B-29	SE Lava Dr & SE 17th Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Arterial
B-30	SE Railroad Ave & SE Linwood Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Arterial
B-31	SE Lake Rd & SE International Way	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Arterial
B-32	OR 224/SE Rusk Rd	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Collector
B-33	OR 224/SE Freeman Way	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Local Street
B-34	OR 224/SE 27th Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Collector
B-35	OR 224/SE Oak St	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Neighborhood Bikeway	Collector
B-36	OR 224/SE Monroe St	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Collector
B-37	OR 224/SE Harrison St	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Arterial
B-38	SE Harrison St/SE 21st Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Major City Bikeway	Arterial
B-39	SE King Rd/SE Stanley Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Collector
B-40	SE Harrison St/SE 42nd Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Collector
B-41	SE Johnson Creek Blvd/SE Stanley Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Collector
B-42	SE Rosewell Ave	SE 29th Ave	SE 42nd Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-43	SE Olsen St	SE 29th Ave	SE 42nd Ave	SAFE project. Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-44	SE Mason Ln	SE 42nd Ave	SE Regents Dr	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-45	SE Regents Dr	SE Brookside Dr	SE Windsor Dr	SAFE project. Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-46	SE Brookside Dr	SE Johnson Creek Blvd	SE Regents Dr	SAFE project. Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-47	SE Windsor Dr	SE Regents Dr	SE Willow St	SAFE project. Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-48	SE Willow St	SE Windsor Dr	SE Stanley Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route

Table 2 - Bicycle Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Bike Classification	Roadway Classification
B-49	SE Logus Rd	SE 43rd Ave	SE Stanley Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-50	SE 49th Ave	SE King Rd	SE Logus Rd	SAFE project. Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-51	SE Hazel St	SE Stanley Ave	SE Wichita Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Local Street
B-52	SE Wichita Ave	SE King Rd	SE Johnson Creek Blvd	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Local Street
B-53	SE Hazel St	SE Stanley Ave	SE Wichita Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Local Street
B-54	SE Home Ave	SE King Rd	SE Railroad Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-55	SE Park St	SE Home Ave	SE Wood Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-56	SE Wood Ave	SE Park St	SE Railroad Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-57	SE Washington St	SE 37th Ave	SE Garrett Dr	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Local Street
B-58	SE Garrett Dr	SE Washington St	SE Monroe St	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Local Street
B-59	SE 40th Ave	SE Olsen St	SE Railroad Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City/Neighborhood Bikeway	Neighborhood Route
B-60	SE 19th Ave	SE Bluebird St	SE Sparrow St	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City/Neighborhood Bikeway	Local Street
B-61	SE Bluebird St	SE 22nd Ave	SE 19th Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City/Neighborhood Bikeway	Local Street
B-62	SE Sparrow St	SE 19th Ave	SE 22nd Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City/Neighborhood Bikeway	Local Street
B-63	SE Kuehn Rd	SE Lake Rd	City limits	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City/Neighborhood Bikeway	Local Street
B-64	SE 34th Ave	SE Lake Rd	SE Washington St	BLTS 3; no bike facility; 25mph	Construct 8-10ft ped/bike pathway on west side of road	Neighborhood Bikeway	Collector
B-65	SE Washington St	SE Oak St	SE 34th Ave	BLTS 3; no bike facility; 25mph	Construct 8-10ft ped/bike pathway on west side of road	Neighborhood Bikeway	Collector
B-66	SE Freeman Way	SE International Way	SE Lake Rd	Meeting BLTS 1	Remove on-street parking and stipe 5.5ft bike lanes (both directions)	City Bikeway	Local Street
B-67	SE 29th Ave	SE Van Water St	SE Meek St	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Major City Bikeway	Local Street
B-68	SE Harvey St	SE 32nd Ave	SE 42nd Ave	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	City Bikeway	Neighborhood Route
B-69	SE 55th Ave	SE Firwood St	SE Johnson Creek Blvd	Meeting BLTS 1	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Neighborhood Route
B-70	SE Oak St	SE Campbell St	SE Washington St	BLTS 3; no bike facility; 25mph; 3 lanes	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Collector
B-71	SE Lake Road	SE Kuehn Rd	SE 21st Ave	BLTS 2	Construct 8-10ft ped/bike pathway on south side of road	Major City Bikeway	Arterial
B-72	SE Johnson Creek Blvd/SE 45 Pl	Intersection		Challenging Intersection	Improve safety of crossing at intersection. Coordinate with City of Portland.	Major City Bikeway	Arterial

Table 2 - Bicycle Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Bike Classification	Roadway Classification
B-73	SE Johnson Creek Blvd/SE Wichita Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	Neighborhood Bikeway	Collector
B-74	SE Harmony Rd/Aquatic Center	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Arterial
B-75	SE Willow St	SE Windsor Dr	SE 51st Ave	Unimproved ped/bike pathway	Construct a 10ft multi-use path	City Bikeway	Off Street
B-76	SE Willow Ave alley	SE Winworth Ct	SE Howe St	Unimproved ped/bike pathway	Construct a 10ft multi-use path	City Bikeway	Off Street
B-77	SE Harriston St/SE 34th Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Local Street
B-78	SE Harriston St/SE 40th Ave	Intersection		Challenging Intersection	Improve safety of crossing at intersection	City Bikeway	Neighborhood Route
B-79	SE Minthorn Loop Rd	SE 37th Ave	Minthorn Loop Road	Unimproved ped/bike pathway	Construct a 10ft multi-use path	Off Street	Off Street
B-80	Kellog Creek	SE Main St	Trolley Trail	Trail opportunity after dam removal	Construct a 10ft multi-use path	Off Street	Off Street
B-81	SE 37th Ave	SE International Way	SE Washington St	BLTS 3; no bike facility; 25mph; 3 lanes	Install shared roadway lane markings, signage, and traffic calming improvements	City Bikeway	Collector
B-82	SE Washington St	Hwy 99E	SE Oak St	BLTS 3; no bike facility; 25mph	Install shared roadway lane markings, signage, and traffic calming improvements	Neighborhood Bikeway	Collector
B-83	SE Harlene St	west extents	SE Wood St	No connection	Construct a 10ft multi-use path	-	-

Shared lanes

Bike lanes

On-street bike/ped pathway

Bike project at intersection

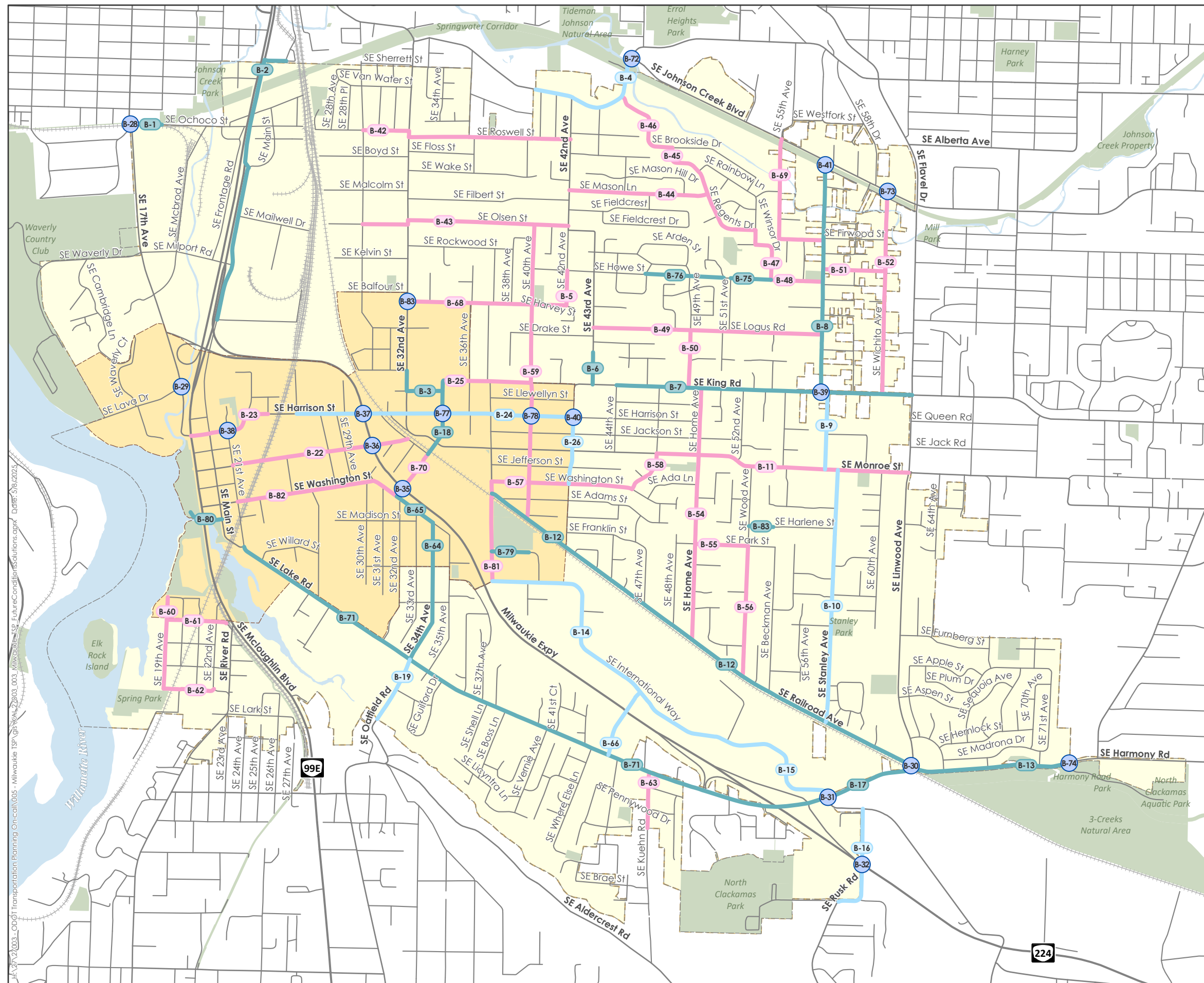


Bicycle Projects

DRAFT

- Bike Project at Intersection
- Bike Lane Project
- On-street Bike/Ped Pathway Project
- Shared Lane Project
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Data Sources: City of Milwaukee, ODOT



Transit System

Public transit enhances climate-friendly and equitable outcomes by supporting accessibility for people who cannot drive and reducing reliance on single-occupancy vehicles. Public transit in Milwaukie includes the MAX Orange Line, TriMet Frequent Service Routes, TriMet Standard Service Routes, and paratransit service. The majority of Milwaukie is located within a half-mile walkshed from an existing transit stop. Figure 7 illustrates the proposed transit street classifications, including Regional Transitway, Major Transit Priority Street, Transit Access Street, and Local Service Transit Street.

Gaps and projects were identified based on a review of projects previously identified in other local and regional transportation planning documents, and review of previous committee/public feedback. Figure 8 illustrates the transit needs and gaps overlayed on priority focus areas. *Note that these gaps focus on direct transit improvements. Quarter-mile walksheds and bikesheds to transit stops were included in development of priority focus areas to identify gaps in comfortable walking and biking access to transit facilities.*

Table 3 and Figure 9 illustrate the proposed transit projects. Projects include adjusting existing routes, adding Bus Rapid Transit (BRT), and bus shelter/stop safety improvements.

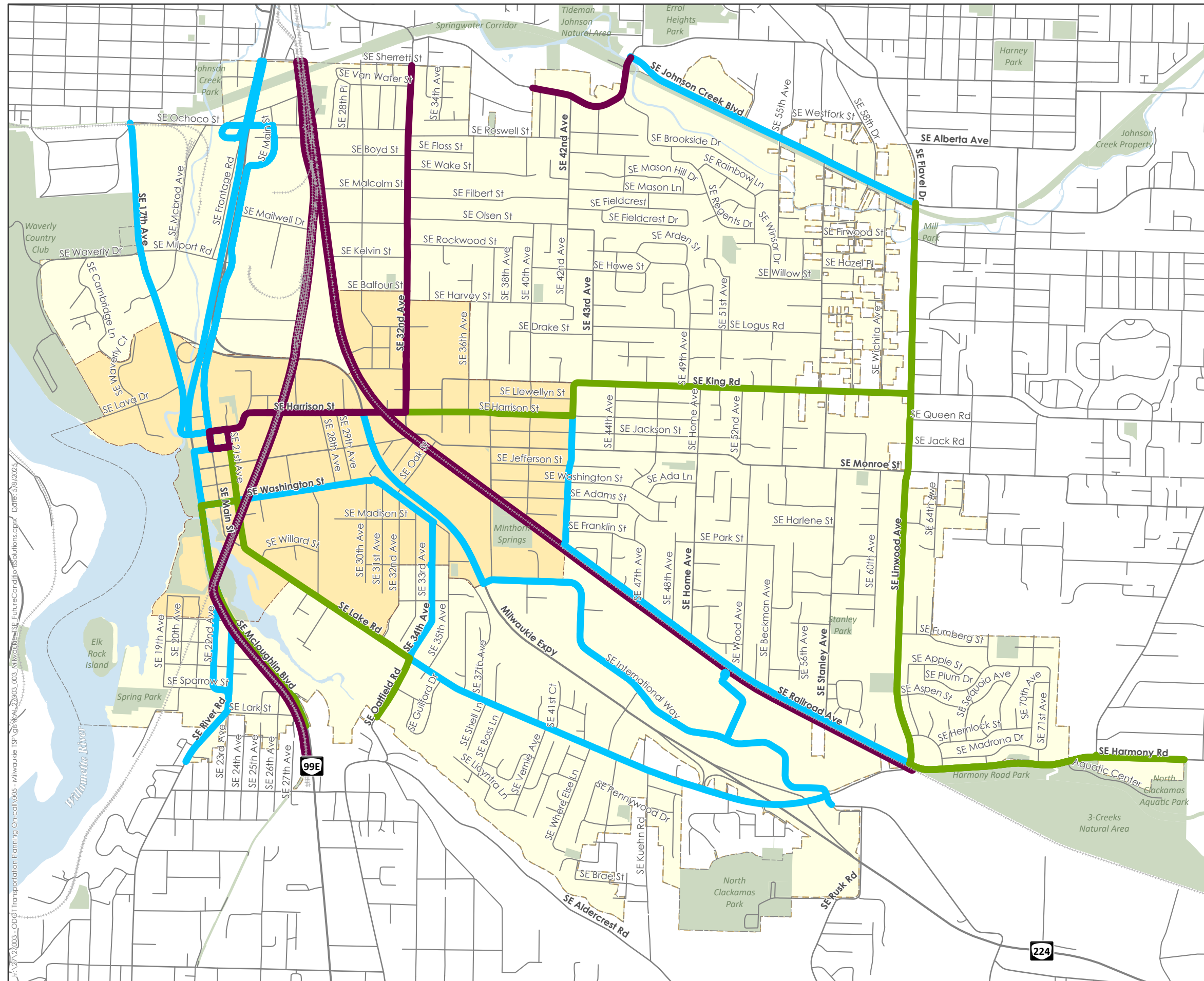


FIGURE 7

Transit Classifications

Legend

- Regional Transitway
- Major Transit Priority Street
- Transit Access Street
- Local Service Transit Street
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

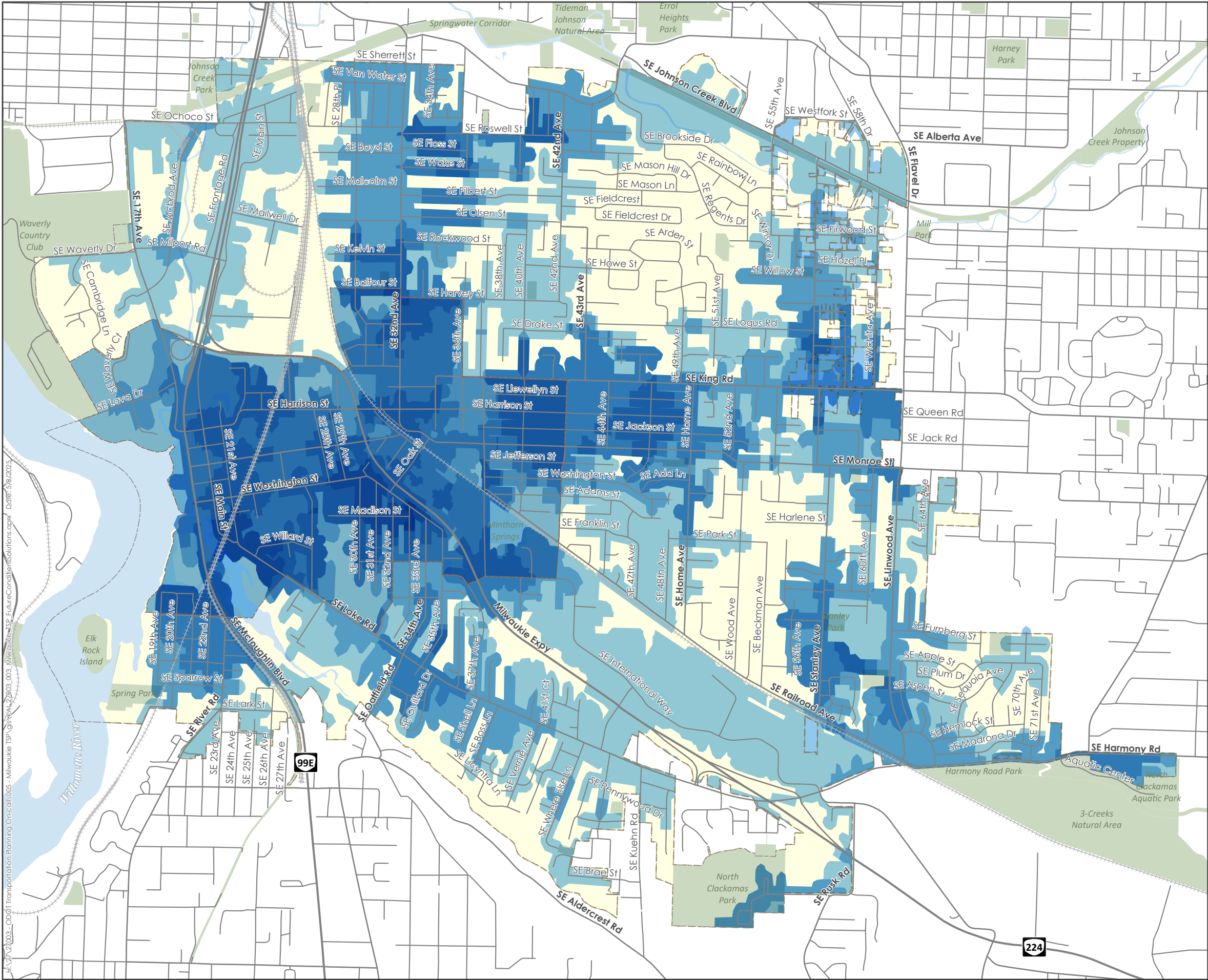


Generated On: 3/6/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles





CITY OF MILWAUKIE

Transportation System Plan

FIGURE 8
Transit Gaps and
Deficiencies
Priority Focus Areas

Legend

Density of Focus Area Bikesheds

- 6 (Bikeshed Layers)
- 3 (Bikeshed Layers)
- 1 (Bikeshed Layer)

- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Generated On: 5/8/2025

Data Sources: City of Milwaukie, ODOT

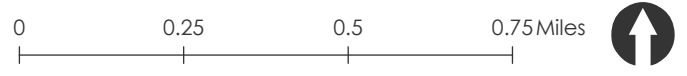


Table 3 - Transit Projects

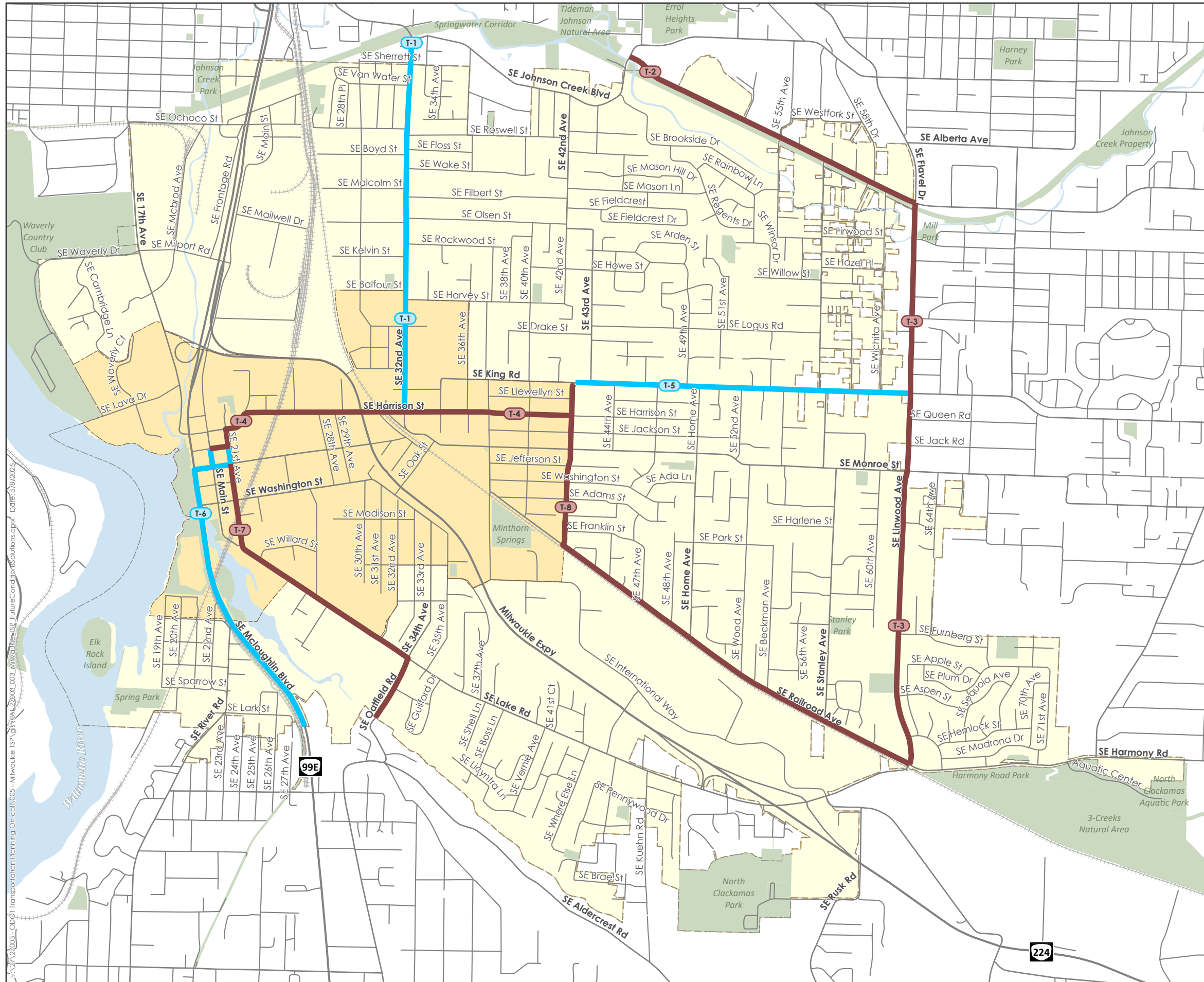
Project ID	Street	Start Extents	End Extents	Detailed Project Description (for cost estimating purposes)	Transit Classification
T-1	32nd Ave	SE Johnson Creek Blvd	Harrison St	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Regional Transitway
T-2	Johnson Creek Blvd	45th Ave	Eastern City Limits	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Transit Access Street
T-3	Linwood Ave	SE Johnson Creek Blvd	SE Railroad Ave	Work with TriMet to implement new or rerouted service	Major Transit Priority Street
T-4	Harrison St	SE 21st Ave	King Road	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Regional Transitway
T-5	King Road	SE 42nd Ave	SE Linwood Ave	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Major Transit Priority Street
T-6	McLoughlin Blvd	Milwaukie Town Center	Oregon City Town Center	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Major Transit Priority Street
T-7	Lake Rd-Oatfield Rd	SE Monroe St	Oatfield Rd	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Major Transit Priority Street
T-8	Railroad/37th	SE Railroad Ave	SE 37th Ave	Work with TriMet to implement new Bus Rapid Transit or Frequent Service Route	Transit Access Street
T-9	Downtown Transit Center Improvements	Downtown		Work with TriMet to identify and implement a new bus layover facility outside of the downtown core.	
T-10	Milwaukie Transportation Management Association Program	Town Center		Implement a transportation management association for downtown employers.	
T-11	Bus Shelter/Stop Safety Improvements	Citywide		Work with TriMet to identify and add transit stop amenities at main stops along bus routes	
T-12	Transit Priority Signalization	Citywide		Work with Clackamas County to implement transit priority signalization along key transit corridors.	
T-13	Weekend Service Improvements	Citywide		Work with TriMet to improve bus service on various transit lines	



Transit Projects - DRAFT

- Future Frequent Service Bus Route
- New/Updated Route
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Data Sources: City of Milwaukee, ODOT



Roadway System

Roadways provide infrastructure for motor vehicles, freight, bicycle, pedestrian, and transit facilities. The roadway network establishes links both within the city and outside of its boundaries, connecting surrounding areas and neighboring jurisdictions.

Limited connectivity between Milwaukie neighborhoods often forces motorists to travel out of direction and increases traffic volumes and miles traveled on the few connecting streets.

Posted speeds on City facilities are generally 25 to 35 MPH. Posted speeds on ODOT facilities range from 35 to 50 MPH, except for the segment of OR 99E near and through downtown Milwaukie, which is posted at 30 MPH. Due to recent legislative changes to ORS 810.180, The City of Milwaukie can establish by ordinance a reduction in the speed limit on local residential streets from 25 MPH to 20 MPH.

*****Note to Reviewer (05/08/25): The update to posted speeds to 20 MPH will be considered in the next update.*****

Figure 10 illustrates the roadway functional classifications, including updates to the current Milwaukie's TSP classifications to designate Johnson Creek Boulevard from SE 45th Place to the east city limits as an Arterial, Harmony Road from Linwood Ave to east city limits, and SE 17th Ave from SE Waverly Place to north city limits as arterials. This also includes proposed arterial sub-classifications according to the following categories as newly required in OAR 660-012-0810(4)(a):

- Local access priority arterial
- Through movement priority arterial
- Multimodal travel priority arterial

Figure 11 illustrates the roadway needs and gaps based on a vehicular/safety analysis of select intersections, a review of projects previously identified in other local and regional transportation planning documents, and review of previous committee/public feedback. These are not overlaid on priority focus areas because prioritization of roadway projects does not necessarily align with the intent of the priority focus areas, which were developed to identify the need to improve walking, biking, and transit access.

Table 4 and Figure 12 list and illustrate the proposed roadway projects, including projects that fill in local street connections, projects that address traffic control needs, and refinement studies to improve safety, operations, and access for all modes.

FIGURE 10

Roadway Classifications

Legend

-  Through Movement Priority Arterial
-  Local Access Arterial
-  Multimodal Travel Priority Arterial
-  Collector
-  Neighborhood Routes
-  Local Street
-  Milwaukie City Limits
-  Milwaukie Town Center
-  Parks

Generated On: 5/8/2025

Data Sources: City of Milwaukee, ODOT





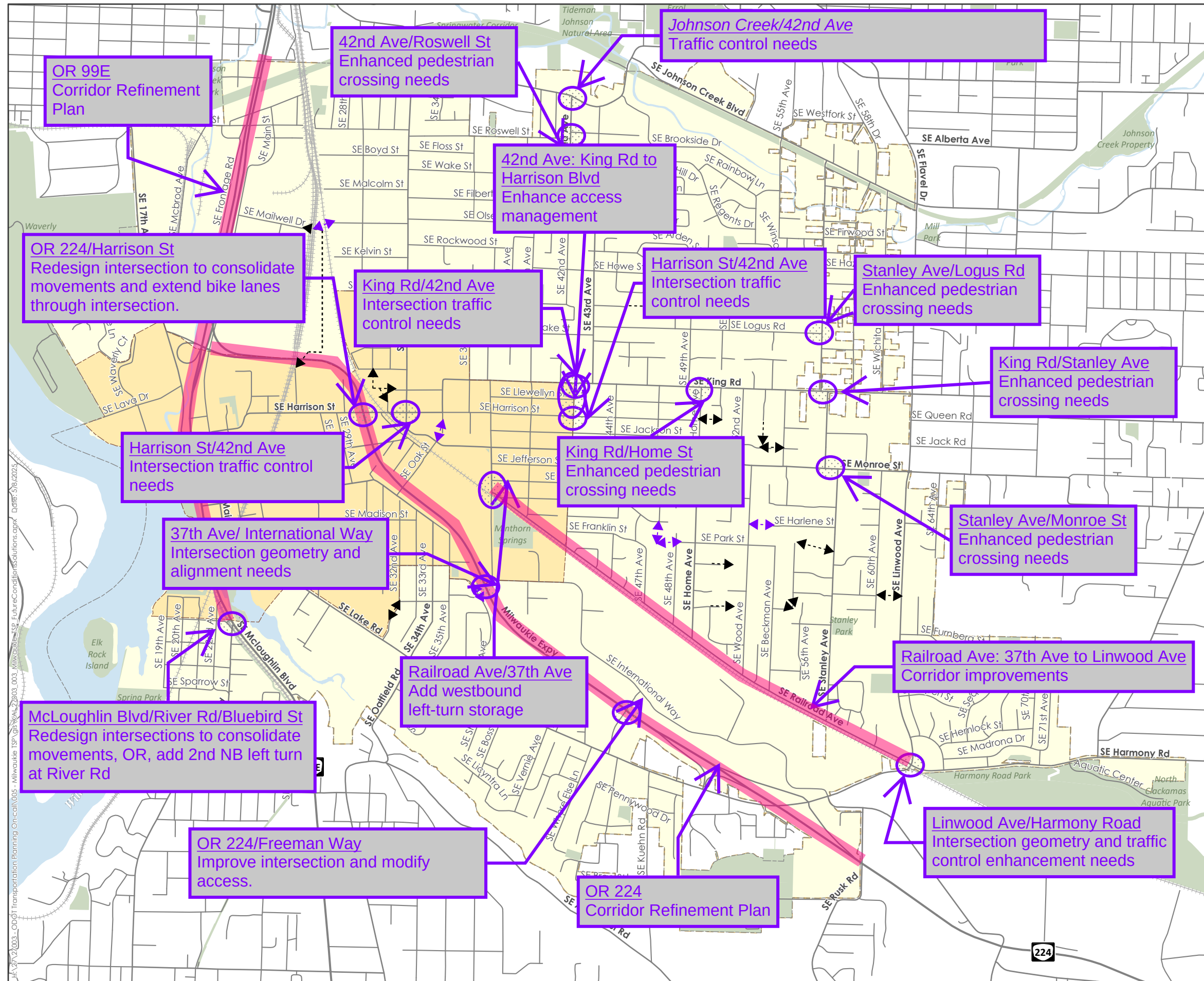
FIGURE 11

Roadway Gaps and Needs

Legend

- Milwaukie City Limits
- Milwaukie Town Center
- Parks

- Potential Local Street Extension
- Potential New/Enhanced Bicycle/Pedestrian Connection



Generated On: 2/4/2025

Data Sources: City of Milwaukie, ODOT

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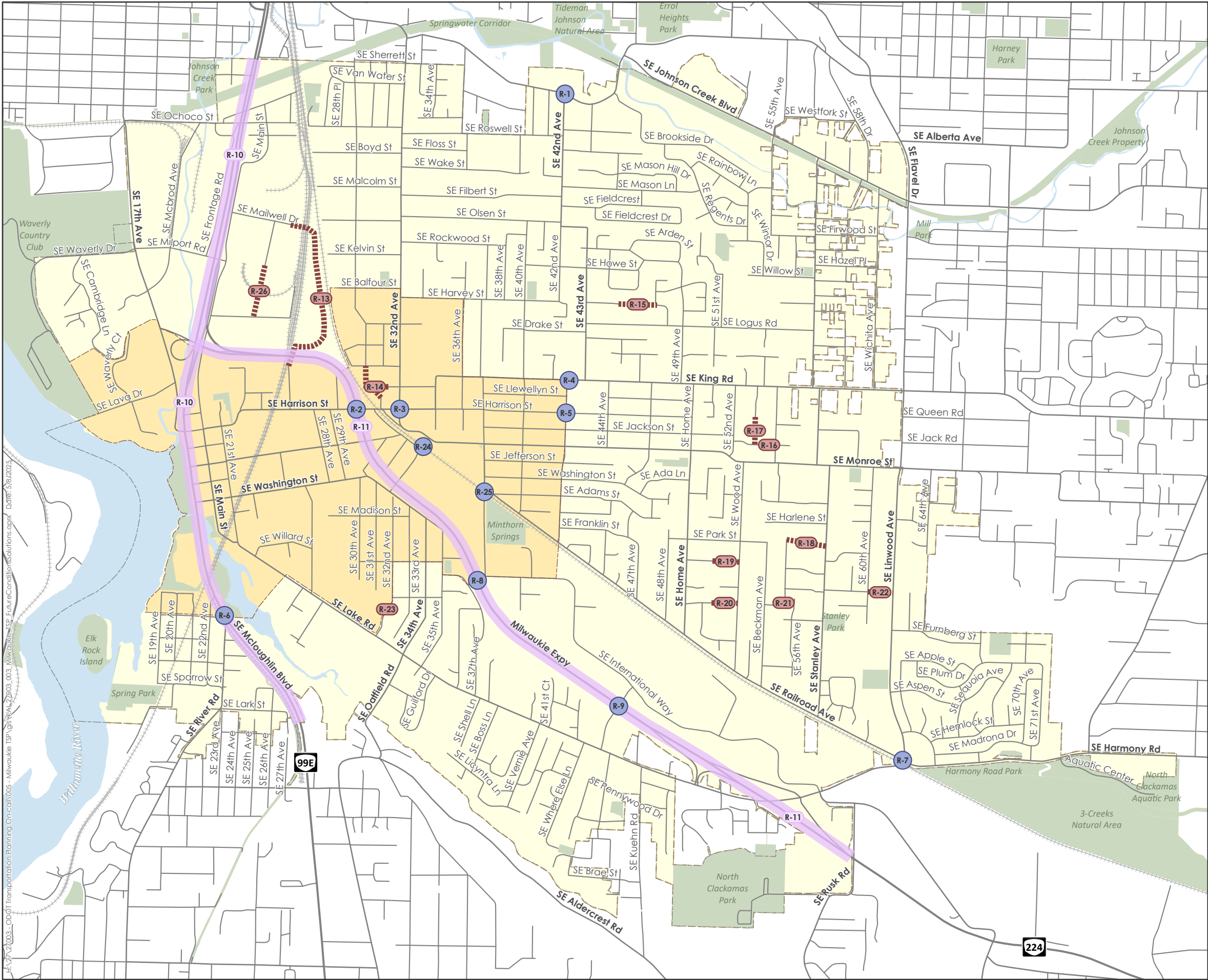


Table 4 - Roadway and Intersection Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Roadway Classification
R-1	Johnson Creek/42nd Ave			Traffic control Needs	Replace all-way stop with a roundabout or traffic signal (when warranted)	Collector
R-2	OR 224/Harrison St			Geometric limitations	Add left-turn lanes and protected signal phasing on Harrison Street approaches	Arterial
R-3	Harrison St/32nd Ave			Intersection traffic control needs	Modify the north and south approaches to provide separate left-turn lanes	Collector
R-4	King Rd/42nd Ave			Intersection traffic control needs	Install permanent geometric delineators	Arterial
R-5	Harrison St/42nd Ave			Intersection traffic control needs	Replace all-way stop with a roundabout or traffic signal (when warranted)	Arterial
R-6	McLoughlin Blvd/River Rd/Bluebird St			Capacity needs	Widen River Road approach to 99E to provide a second NB left-turn lane	Arterial
R-7	Linwood Ave/Harmony Road			Intersection geometry and capacity needs	Perform a refinement study that will look to accomodate vehicles, pedestrians, bicycles, and mobility vehicles. Retrofit existing traffic control infrastructure while mantaining optimal traffic operations.	Arterial
R-8	37th Ave/International Way/OR 224			Intersection geometry and alignment needs.	Consolidate the two northern legs of 37th Ave and International Way into one leg at OR 224. Improve pedestrian crossing of OR 224	Collector
R-9	OR 224/Freeman Way			Intersection geometry and alignment needs.	Modify access at Freeman Way to improve intersection operations. Improve pedestrian crossing of OR 224	
R-10	OR 99E	Northern City Limits	Southern City Limits	Corridor Refinement Plan	Conduct a refinement study to establish alternative mobility targets for OR 99E for locations not meeting applicable State targets, and explore ways to minimize barrier effect and improve auty and freight mobility	Regional Route
R-11	OR 224	SE McLoughlin Blvd	Southern City Limits	Corridor Refinement Plan	Conduct a refinement study to establish alternative mobility targets for OR 224 for locations not meeting applicable State targets, and explore ways to minimize barrier effect and improve auty and freight mobility	Regional Route
R-12	SE Railroad Ave	SE 37th Ave	SE Linwood Ave	Two-lane roadway	Widen Railroad Ave to a three-lane roadway	Collector
R-13	SE Mailwell Drive extension	SE Crystal Lake Dr	SE Mailwell Dr	Lack of local street	Extend SE Mailwell Drive east across MAX line connecting to Crystal Lake Drive/SE 26th Ave via the OR 224 underpass.	Local
R-14	SE 29th Ave extension	SE Meet St	SE 32nd Ave	Lack of local street	Extend SE 29th Ave south of SE Meet St to SE 32nd Ave	Local

Table 4 - Roadway and Intersection Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Roadway Classification
R-15	SE Melody Lane	east extents	TBD	Lack of local street	Extend SE Melody Lane	Local
R-16	SE Jackson Street	SE 55th Ave	SE 55th Ave	Lack of local street	SE Jackson St extension	Local
R-17	SE 53rd Pl	South extents	SE Jackson St extension	Lack of local street	SE 53rd Pl extension	Local
R-18	SE Park St	SE 56th Ave	SE Stanley Ave	Lack of local street	SE Park extension	Local
R-19	SE Hunter Ct	SE Home Ave	SE Wood Ave	Lack of local street	SE Hunter Ct extension	Local
R-20	SE Guido Bocci Dr	SE Home Ave	SE Wood Ave	Lack of local street	SE Guido Bocci Dr Extension	Local
R-21	SE Beckman Terrace	east extents	SE 56th Ave	Lack of local street	SE Beckman Terrace extension	Local
R-22	SE Lloyd St	SE 60th Ave	SE Linwood Ave	Lack of local street	SE Lloyd Street Extension	Local
R-23	SE 32nd Ave			Lack of local street connectivity	32nd Ave Extension/Connection	Local
R-25	Oak/Railroad/Monroe			Forecast to exceed mobility standard	Install a mini roundabout	Collector
R-26	Railroad Ave/37th Ave			Queuing limitations	Widen WB Railroad Avenue approach to provide additional left-turn storage	Collector
R-27	SE Omark Dr	SE Mailwall Dr	SE Hanna Harvester Dr	Lack of local street	Extend SE Omark Dr to connect to SE Hanna Harvester Drive	Local



CITY OF MILWAUKIE

Transportation System Plan

FIGURE 12

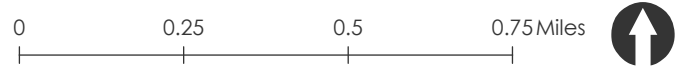
Roadway and Intersection Projects - DRAFT

Legend

- Intersection Improvement/Traffic Control Project
- New/Roadway Extension Project
- Corridor Modification Project
- Corridor Refinement Plan
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Generated On: 5/2/2025

Data Sources: City of Milwaukie, ODOT



Freight Facilities

While all cities have some need for local delivery of goods to retailers and similar activities, in Milwaukie a majority of employment is in the heavy manufacturing, warehousing, and distribution sectors, which are dependent on efficient movements of large quantities of both raw materials and finished products. A well-functioning and reliable system for the movement of freight into and out of the city contributes significantly to the City's ability to attract and retain industrial investment—and the jobs and tax proceeds that come with that investment.

Figure 13 illustrates the proposed freight street classifications, including Regional Truckway, Priority Truck Street, Weight Restricted Truck Priority Street, Truck Access Street, Local Service Truck Street.

Figure 14 illustrates the freight needs and gaps based on a review of projects previously identified in other local and regional transportation planning documents and input from the project management team and technical advisory committee. These are not overlaid on priority focus areas because prioritization of freight projects does not align with the intent of the priority focus areas, which were developed to identify need to improve walking, biking, and transit access.

Table 5 and Figure 15 list and illustrate the proposed freight projects. Projects are focused on addressing geometric deficiencies, particularly along OR 224, the Regional Truckway.

FIGURE 13

Freight Classifications

Legend

-  Regional Truckway
-  Priority Truck Street
-  Weight Restricted Truck Priority Street
-  Truck Access Street
-  Local Service Truck Street
-  Milwaukie City Limits
-  Milwaukie Town Center
-  Parks

Generated On: 2/25/2025

Data Sources: City of Milwaukee, ODOT



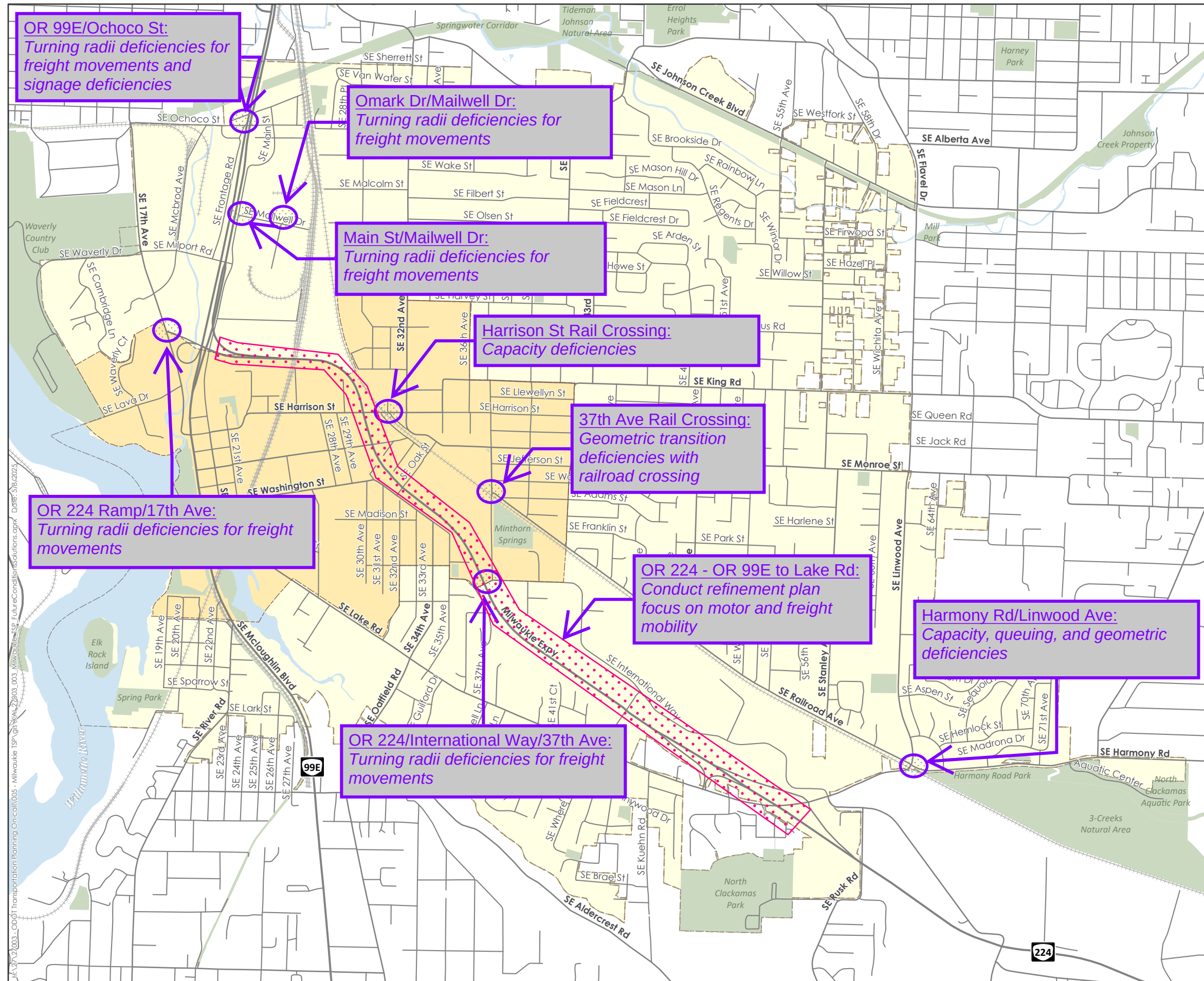


FIGURE 14

Freight Gaps and Needs

Legend

- Milwaukie City Limits
- Milwaukie Town Center
- Parks



Generated On: 2/4/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles



Table 5 - Freight Projects

Project ID	Street	Start Extents	End Extents	Current Condition	Detailed Project Description (for cost estimating purposes)	Freight Classification
F-1	OR 99E/Ochoco St			Turning radii deficiencies for freight movements and signage deficiencies	Reconstruct the northwest corner of the intersection to provide enhanced turning movement accommodations for trailers.	Priority Truck Street
F-2	SE Omark Dr/SE Mailwell Dr			Turning radii deficiencies for freight movements	Upgrade intersection turing radii in the northwest quadrant to better accommodate freight movements	Truck access street
F-3	SE Main St/SE Mailwell Dr			Turning radii deficiencies for freight movements	Upgrade intersection turing radii in the northeast and southeast quadrants to better accommodate freight movements	Truck Access Street
F-4	OR 224	OR 99E	Lake Rd		Conduct refinement plan with a focus on motor and freight mobility	Regional Truck Way
F-5	OR 224 Ramp/17th Ave			Turning radii deficiencies for freight movements	Upgrade intersection turing radii in the northeast quadrant o better accommodate freight movements	Priority Truck Street
F-6	SE Ochoco St	SE Main St	East extents	Failing roadway surface	Upgrade street to better accommodate freight vehicles	Truck access street
F-7	SE Mailwell Dr	SE Main St	SE Omark Dr	Failing roadway surface	Upgrade street to better accommodate freight vehicles	Truck access street
F-8	SE Hanna Harvester Dr	SE Main St	SE Hanna Dr	Failing roadway surface	Upgrade street to better accommodate freight vehicles	Truck access street



FIGURE 15

Freight Projects - DRAFT

Legend

- Geometric Improvement Projects
- Corridor Upgrade Projects
- Milwaukie City Limits
- Milwaukie Town Center
- Parks

Generated On: 5/2/2025

Data Sources: City of Milwaukie, ODOT

0 0.25 0.5 0.75 Miles

