



# BIKE PLAN



## Key Recommendations

- **Bike Boulevard Improvements.** Prioritize “Bike Boulevards” as a method for providing safe bikeway connections to other transportation modes and between parks, schools, activity centers, and regional destinations.
  - Monroe Street from downtown to Linwood Avenue
  - Stanley Avenue from Railroad Avenue to Springwater Trail
  - 29<sup>th</sup> Avenue from Springwater Trail to Monroe Street (via Harvey Street and 40<sup>th</sup> Avenue)
- **Bikeway Improvements.** Improve existing bikeways by paving, striping, adding signage, establishing bike lanes where appropriate, etc.
- **Intersection Improvements.** Make key intersections safer and more functional for cyclists with treatments such as improved striping, accessible signal buttons, and bicycle detection devices.
- **Education.** Improve education for cyclists and drivers and encourage cycling through planned cycling events.
- **Maintenance.** Keep bike lanes clear of debris.
- **Coordination with Other Jurisdictions.**
  - Work with other jurisdictions on long-range projects such as route connectivity and trail system planning and construction.
  - Improve response on day-to-day issues such as sweeping out bike lanes and enforcing traffic and parking laws.

## Pedestrian and Bicycle Access Working Group Participants

The following individuals attended one or more of the three meetings:

Aaron Tarfman  
Ann Wilson  
Anne Nottingham  
Cheryl Ausmann-Moreno  
Connie Ottoboni  
David Aschenbrenner  
David DeVore  
Debbie Cronk  
Dottie Teeple

Emily Gardner  
Forris Frick  
Heather Andrews  
Jerry Bitz  
John Climaldi  
Jon Stoll  
Keith Neubauer  
Lisa Batey  
Mark Gamba  
Matt Menely

Matt Picio  
Nick Dougher  
Noah Cowgill  
Parker Fitzpatrick  
Paul Sylvester  
Renee Moog  
Sherri Dow  
Steven Kung  
Susanna Pai





# Transportation System Plan

## FIGURE 6-1

### BICYCLE MASTER PLAN

June 2007

DRAFT

#### LEGEND

##### Existing Bicycle Facilities

- Shared Facility
- Bicycle Lane

##### Proposed Bicycle Items

- Bicycle Intersection Safety Improvements
- Bicycle Corridor Enhancement
- Proposed Bike Boulevard
- Proposed Bicycle Lanes

- 10' Contours
- Schools
- Railroad
- Springwater Trail/Kellogg Trail/Trolley Trail
- County Line
- Parks
- Water
- City Limits

#### POTENTIAL PROJECTS

##### Intersection Improvement Related to Bicycle Safety

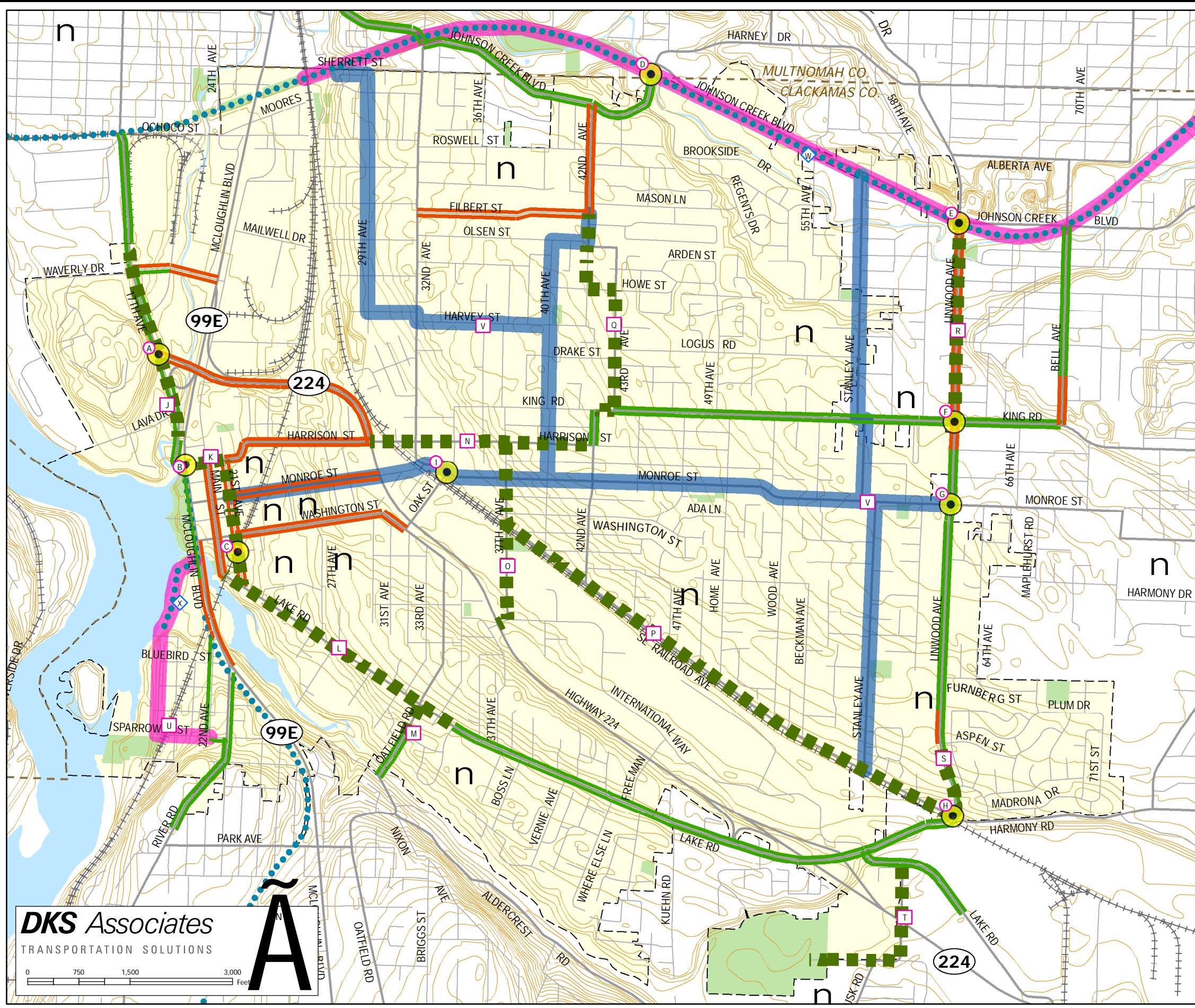
- A SE 17th Avenue/Hwy 224
- B SE 17th Avenue/Hwy 99E
- C SE Adams Street/SE 21st Avenue/Railroad Crossing
- D SE Johnson Creek Boulevard/Springwater Trail
- E SE Johnson Creek Boulevard/SE Linwood Avenue
- F SE Linwood Avenue/SE King Road
- G SE Linwood Avenue/SE Monroe Street
- H SE Linwood Avenue/SE Harmony Road
- I SE Washington Street/SE Oak Street/Highway 224

##### Implement Bicycle Lanes on Roadway if not Currently Present

- J SE 17th Avenue from approximately SE Waverly Dr to Harrison St
- K SE Harrison Street from HWY 99E to SE 21st Avenue
- L SE Lake Road from SE Main Street to SE Guilford Drive
- M SE Oatfield Road from SE Guilford Court to SE Lake Road
- N SE Harrison Street from HWY 224 to SE 42nd Avenue
- O SE 37th Avenue from SE Harrison Street to HWY 224
- P SE Railroad Avenue from SE 37th Avenue to SE Linwood Avenue
- Q SE 43rd Avenue from SE King Road to SE Filbert Street
- R SE Linwood Avenue from SE Queen Rd to SE Johnson Creek Blvd
- S SE Linwood Ave from approximately SE Juniper St to SE Harmony Rd
- T SE Rusk Road from SE Lake Road to North Clackamas Park
- U SE Sparrow Street from SE 19th Avenue to SE River Road
- V Bike Boulevards at Various Locations

##### Enhance Existing Bicycle Connection

- Springwater Corridor from SE 82nd Avenue to Three Bridges Area
- Trail behind treatment plant



**DKS Associates**  
TRANSPORTATION SOLUTIONS

0 750 1,500 3,000 Feet

## Bicycle Master Plan Project List

Priority	Type	Location	Improvement	From	To	Cost
High	C/P	Citywide	Designation of Bike Boulevard streets and implementation of specific treatments for bicycles on those designated corridors.	Citywide	Citywide	\$\$
High	O	Citywide	Signage for neighborhood bike routes	Citywide	Citywide	\$\$
High	O	Citywide	Sweeping of bike lanes to remove debris	Citywide	Citywide	\$
High	O	Citywide	Education for bike use and route selection	Citywide	Citywide	\$
High	C	SE 17 <sup>th</sup> Avenue/Hwy 99E	Improve safety of crossing at intersection and connection westbound on SE 17 <sup>th</sup> Avenue.	Location specific	Location specific	\$
Med	C	SE 17 <sup>th</sup> Avenue/Hwy 224	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Med	C	SE Washington Street/SE Oak Street/Hwy 224	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Med	O	Citywide	Coordination of community rides to encourage bike use.	Citywide	Citywide	\$
Med	C	SE 19 <sup>th</sup> Avenue and SE Sparrow Street	Enhance corridor for bicycle travel. This would connect the south end of Kellogg Creek Trail to SE River Road	SE Eagle Street	SE River Road	\$\$\$
Med	C	SE 17 <sup>th</sup> Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE Waverly Drive	SE Harrison Street	\$\$
Med	P	Citywide	Multi-jurisdictional coordination	Citywide	Citywide	\$
Med	C	SE Johnson Creek Boulevard/Springwater Corridor	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Med	C	SE Harrison Street	Fill in gaps in existing bicycle network with bike lanes.	Hwy 99E	SE 21 <sup>st</sup> Avenue	\$\$
Med	C	Springwater Corridor	Improve corridor through repaving	"Three Bridges" area	SE 82 <sup>nd</sup> Avenue	\$\$\$
Low	C	SE Railroad Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE 37 <sup>th</sup> Avenue	SE Linwood Avenue	\$\$\$
Low	C	Bicycle Overpass*	Fill in gaps in existing bicycle network with bike lanes.	SE Railroad Avenue	SE International Way	\$\$\$
Low	O	Citywide	Bike friendly street grate design and installation	Citywide	Citywide	\$
Low	O	Citywide	Production and updating of a Milwaukie Bike Map	Citywide	Citywide	\$
Low	C	Trolley Trail*	Design/Plan and implement signage	Milwaukie Riverfront	South to city limits	\$
Low	C	SE Johnson Creek Boulevard/SE Linwood Avenue	Improve safety of crossing at intersection.	Location specific	Location specific	\$

\* Project not included on Master Plan Map

### Notes:

C = Capital Project

O = Operational Project

P = Policy Project

High = High priority

Med = Medium priority

Low = Low priority

\$\$\$ = >\$400K

\$\$ = \$100K-\$400K

\$ = <\$100K

Priority	Type	Location	Improvement	From	To	Cost
Low	C	SE Linwood Avenue/SE King Road	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Low	C	SE Lake Road	Fill in gaps in existing bicycle network with bike lanes.	SE Main Street	SE Guilford Drive	\$\$\$
Low	C	SE Harrison Street	Fill in gaps in existing bicycle network with bike lanes.	Hwy 224	SE 42 <sup>nd</sup> Avenue	\$
Low	C	SE Linwood Avenue/SE Harmony Road	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Low	C	SE International Way/SE Lake Road*	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Low	C	SE 37 <sup>th</sup> Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE Harrison Street	Hwy 224	\$\$\$
Low	C	SE 43 <sup>rd</sup> Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE King Road	SE Filbert Street	\$\$\$
Low	O	Citywide	Enhanced enforcement	Citywide	Citywide	\$
Low	O	Citywide	Re-striping of existing bike facilities	Citywide	Citywide	\$
Low	O	Citywide	Signage for Springwater Corridor	Citywide	Citywide	\$
Low	C	SE Oakfield Road	Fill in gaps in existing bicycle network with bike lanes.	SE Guilford Court	SE Lake Road	\$\$
Low	C	Kellogg Creek Trail	Improve connection of corridor	Milwaukie Riverfront	Treatment Plant	\$\$\$
Low	C	SE Linwood Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE Queen Road	SE Johnson Creek Blvd	\$\$\$
Low	C	SE Linwood Avenue/SE Monroe Street	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Low	C	SE Adams Street/SE 21 <sup>st</sup> Avenue/Railroad crossing	Improve safety of crossing at intersection.	Location specific	Location specific	\$
Low	C	SE Linwood Avenue	Fill in gaps in existing bicycle network with bike lanes.	SE Juniper Street	SE Harmony Road	\$\$
Low	C	SE Rusk Road	Fill in gaps in existing bicycle network with bike lanes.	SE Lake Road	North Clackamas Park	\$\$\$

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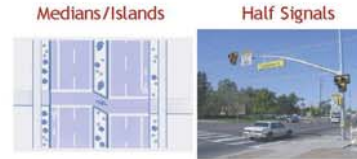
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# BICYCLE BOULEVARD APPLICATIONS



LEVEL 1  
Signage

LEVEL 2  
Pavement Markings

LEVEL 3  
Intersection Treatments

LEVEL 4  
Traffic Calming

LEVEL 5  
Traffic Diversion



Intensity of Treatments