

# OAK GROVE – LAKE OSWEGO PEDESTRIAN/BICYCLE BRIDGE FEASIBILITY STUDY

CAC Meeting #1

May 29, 2019



# Agenda

- Welcome and Opening
- Background
- CAC Role, Charge, and Protocols
- Context for Locating a Bridge
- *Break*
- Values Work Session
- Next Steps and Outreach
- Close



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# Purpose of Study

Analyze the feasibility of a pedestrian and bicycle bridge over the Willamette River:

- Engineering and environmental feasibility
- Level of support
- How would the City, County, and regional governments work together for construction and maintenance

In other words – *can* we and *should* we build the bridge? If the answer is *yes*, *design* comes later.



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# Partner Agencies

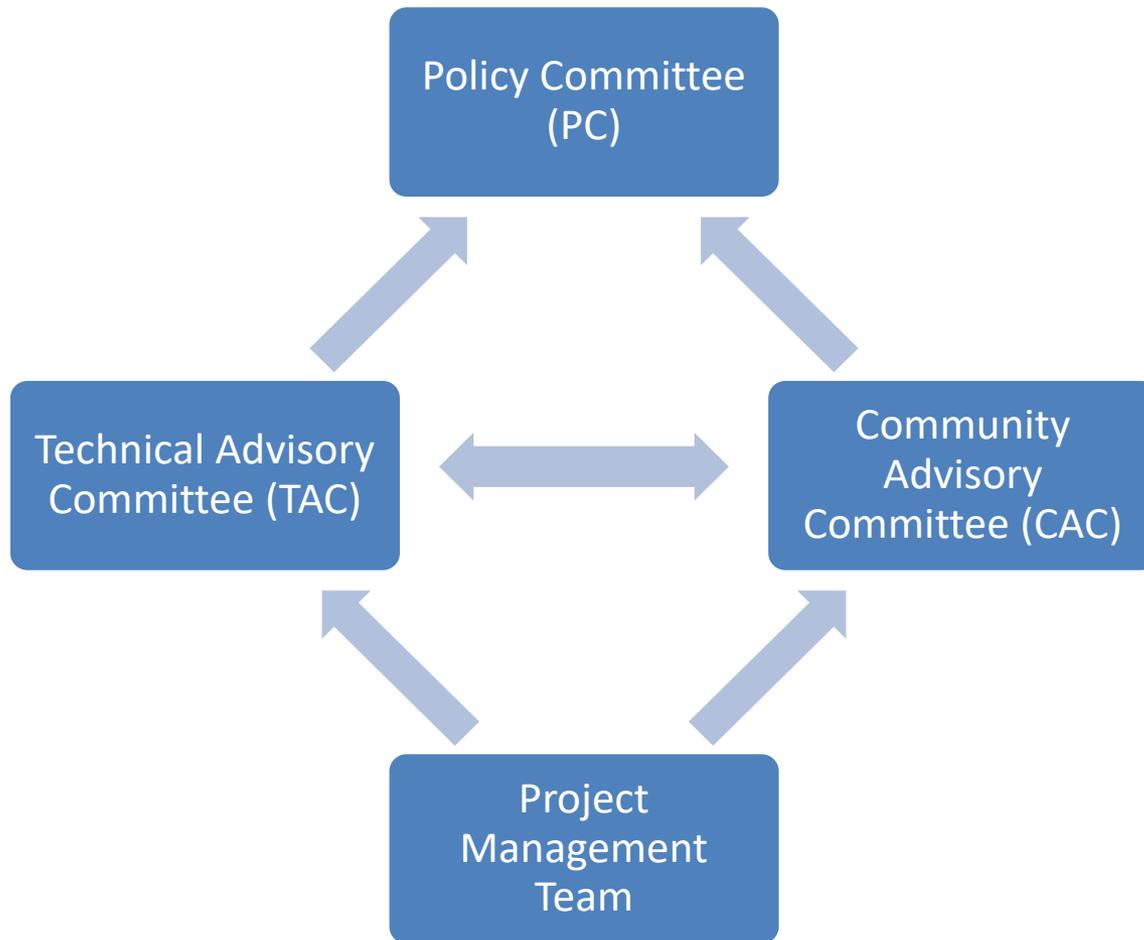
- Clackamas County
- Metro
- City of Lake Oswego
- City of Milwaukie
- North Clackamas Parks and Recreation District

Parametrix leads consultant team.



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# Process



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# Schedule

## Feasibility Study

May/June 2019	July 2019	August 2019	Sept 2019	October 2019
CAC#1 PC#1	Open houses CAC#2	PC#2	CAC#3 PC#3 Open House	Feasibility Study Complete
Values and Criteria	Review landing locations and bridge types	Governance topics	Recommend landing location Next steps	Next steps?

## Next phases (dependent on Feasibility Study and funding)

- Environmental work and preferred alternative
- Design
- Construction



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# Community Advisory Committee Role

- Recommend community values to guide evaluation
- Make recommendations to Policy Committee on:
  - Preferred landing points
  - Preferred connections
  - Bridge concepts

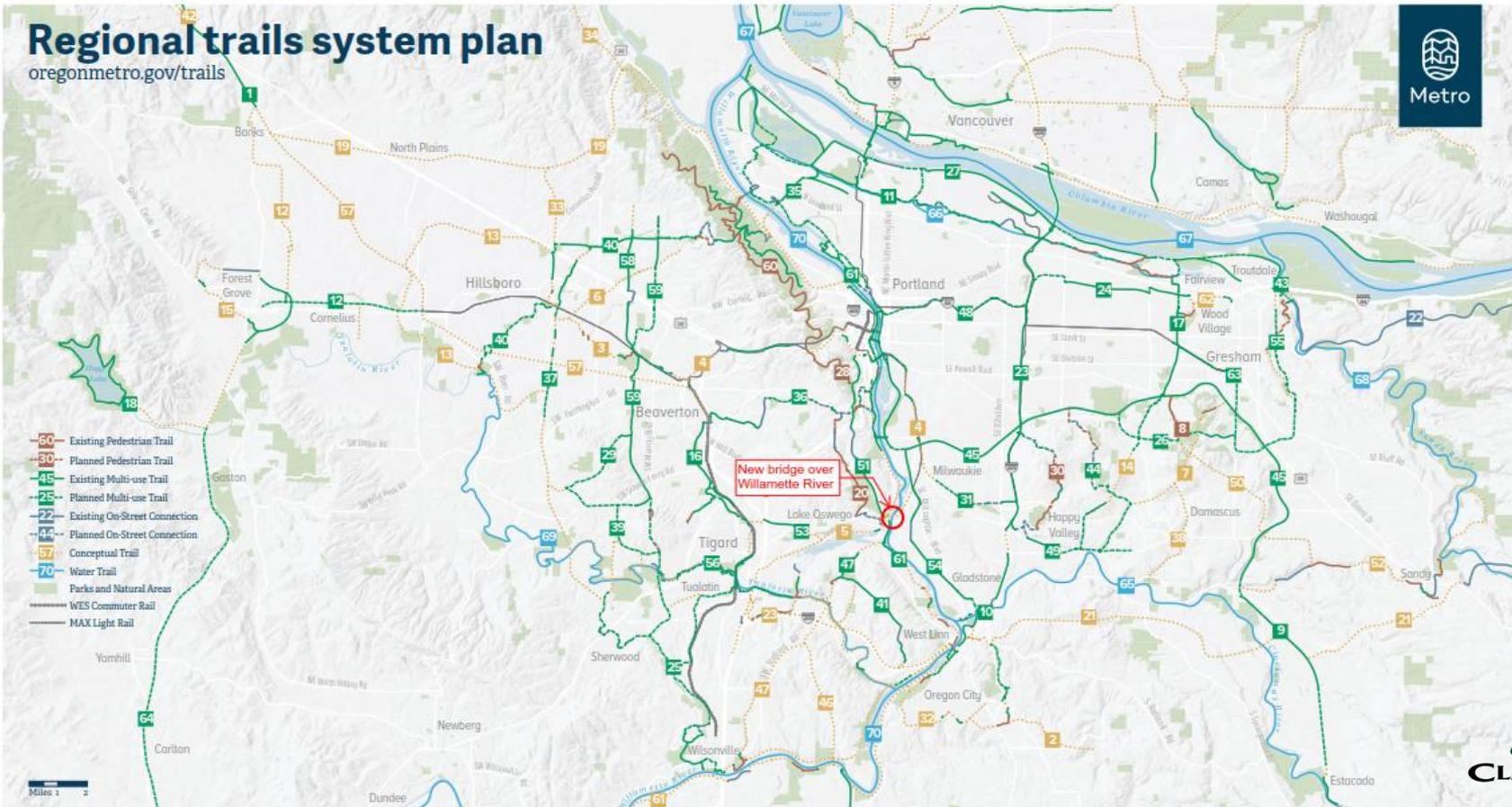
Note: CAC members represent views and values of the community; you are not asked to become technical experts.



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# Context for Locating a Bridge

# Connecting Regional Trails



- |                                  |                                 |                                     |                              |                                   |                             |                                 |  |
|----------------------------------|---------------------------------|-------------------------------------|------------------------------|-----------------------------------|-----------------------------|---------------------------------|--|
| 1. Banks-Vernonia Trail          | 9. Cazadero Trail               | 17. Gresham-Fairview Trail          | 25. Ice Age Tonquin Trail    | 33. Oregon Electric Railway Trail | 41. Rosemont Trail          | 49. Sunrise Corridor Trail      | 57. Tualatin Valley Trail              |
| 2. Beaver Lake Trail             | 10. Clackamas River Greenway    | 18. Hagg Lake Trail                 | 26. Kelley Creek Trail       | 34. Pacific Greenway Trail        | 42. Salmonberry Trail       | 50. Sunshine Valley Trail       | 58. Waterhouse Trail                   |
| 3. Beaverton Creek Trail         | 11. Columbia Slough Trail       | 19. Helvetia Trail                  | 27. Marine Drive Trail       | 35. Peninsula Crossing Trail      | 43. Sandy River Greenway    | 51. Terwilliger Trail           | 59. Westside Trail                     |
| 4. Beaverton to Milwaukie Trail  | 12. Council Creek Trail         | 20. Hillside to Lake Oswego Trail   | 28. Marquam Trail            | 36. Red Electric Trail            | 44. Scouters Mountain Trail | 52. Tickle Creek Trail          | 60. Wildwood Trail                     |
| 5. Bridgeport to Milwaukie Trail | 13. Crescent Park Trail         | 21. Historic Barlow Road Trail      | 29. McKernan Creek Trail     | 37. Reedville Trail               | 45. Springwater Trail       | 53. Tigard to Lake Oswego Trail | 61. Willamette River Greenway          |
| 6. Bronson Creek Trail           | 14. East Buttes Powerline Trail | 22. Historic Columbia River Highway | 30. Mount Scott Trail        | 38. Richardson Creek Trail        | 46. Stafford to Canby Trail | 54. Trolley Trail               | 62. Wood Village to Salish Ponds Trail |
| 7. Butler Buttes Trail           | 15. Emerald Necklace Trail      | 23. I-205 Trail                     | 31. North Clackamas Greenway | 39. River Terrace Trail           | 47. Stafford Trail          | 55. Troutdale to Gresham Trail  | 63. Wy'East Way Path                   |
| 8. Butler Creek Trail            | 16. Fanno Creek Trail           | 24. I-84 Trail                      | 32. Oregon City Loop Trail   | 40. Rock Creek Trail              | 48. Sullivan's Gulch Trail  | 56. Tualatin River Greenway     | 64. Yamhelas Westsider Trail           |

- Water Trails**
- 65. Clackamas River Water Trail
  - 66. Columbia Slough Water Trail
  - 67. Lower Columbia River Water Trail
  - 68. Sandy River Water Trail
  - 69. Tualatin River Water Trail
  - 70. Willamette River Water Trail



# Filling a Gap



- Nearest river crossings
  - Sellwood Bridge 4 miles downstream
  - Arch Bridge (Oregon City) over 5 miles upstream

- Connection trails on both sides of the river
  - #54 Trolley Trail
  - #61 Willamette River Trail
  - #5 Bridgeport to Milwaukie



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# Why Not Use the Railroad Bridge?



- Railroad Bridge constructed in 1910



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# Why Not Use the Railroad Bridge?



The feasibility study will not include any alternatives using the existing RR bridge.

- Union Pacific opposes combined RR & bike/pedestrian use for safety reasons
- Creating access on the Oak Grove side would be difficult and dangerous.



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# Why not Include Transit?



Tilikum Crossing Bridge  
Portland, OR

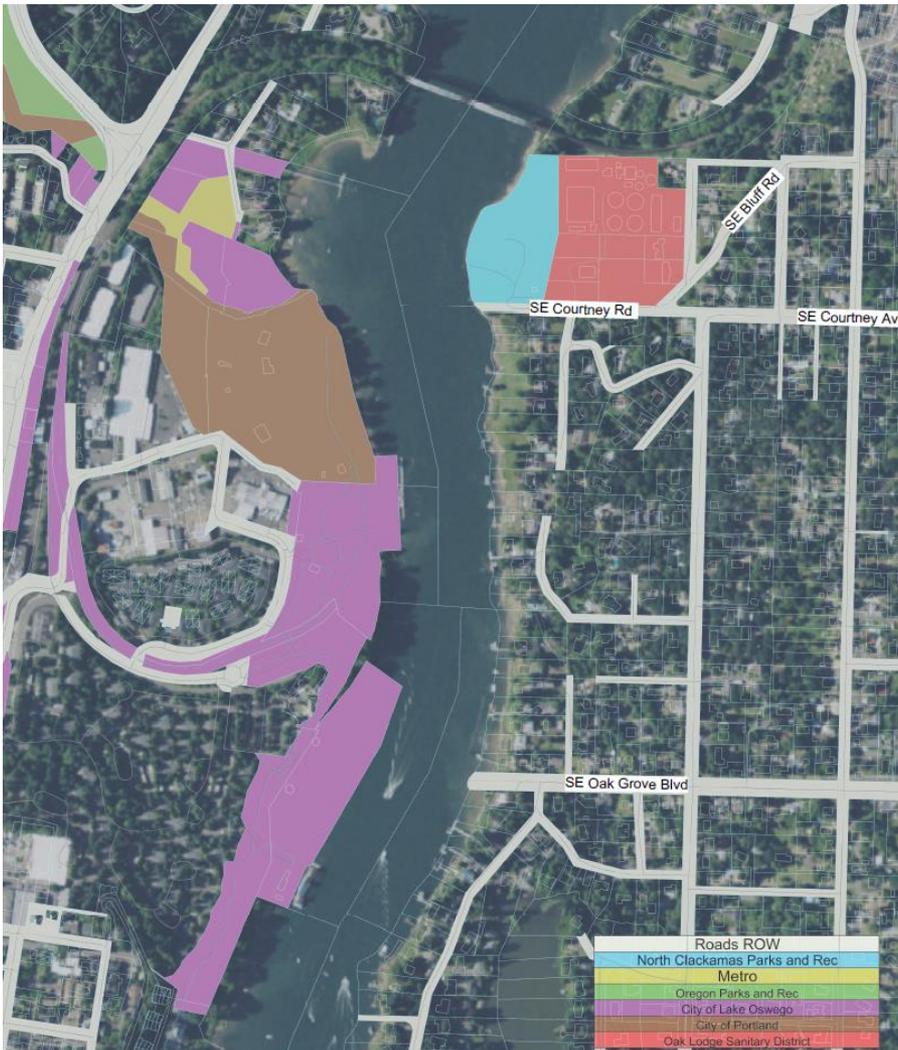
- Bridges for transit or cars are much more expensive and have greater impacts on the landing area.
- There may be a transit crossing in this area someday, but we don't know what kind or where – and it is anticipated to be at least 20 years out.
- The feasibility study will not include any transit alternatives.



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# Public land inventory

- New bridge landing options within public ROW
  - East side
    - Riverville Park
    - Courtney/ Bluff Rd
    - Oak Grove Blvd
  - West Side
    - Tryon Cove Park
    - Foothills Park
    - Roehr City Park



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# High enough for Vessels to Pass



Knickerbocker  
Bicycle Bridge,  
Eugene OR

- The clearance required by the US Coast Guard will dictate bridge height and channel width between piers



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# How to meet elevation and ADA needs – Incorporate in Existing Environment



Peter DeFazio  
Pedestrian  
Bridge, Eugene  
OR

- Incorporate structure and landings within existing environment



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# How to meet elevation and ADA needs – A Longer Span



Federal Garden  
Show Bridge  
Rathenow, Germany



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# How to meet elevation and ADA needs – Longer Ramps



Grimberg Harbor  
Bridge  
Gelsenkirchen,  
Germany



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# How to meet elevation and ADA needs – Circular Ramps



Morrison Bridge  
Portland, OR



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# How to meet elevation and ADA needs – Public Elevator and Stairs



Darlene Hooley  
Pedestrian Bridge  
with elevator  
Portland, OR

Note: Building and maintaining is challenging and costly



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# Values Work Session

What is important to you  
and communities around the river?



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# Values Work Session

## *Categories*

- Connectivity and Safety
- Environmental Impacts
- Compatibility with Recreational Goals
- Compatibility with Existing Developments and Neighborhoods
- Cost and Economic Impact
- Compatibility with adopted plans



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# Discussion

# Upcoming Meetings/Outreach

## June

- June 6 – Policy Committee meets
- Online survey promoted through mid-June
- Outreach opportunities?

## July

- Public Open Houses
- CAC#2 – check calendars

[www.clackamas.us/transportation/oglo](http://www.clackamas.us/transportation/oglo)



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# Thank you!

