

SALEM

RIVER · CROSSING

# Task Force Meeting: Alternatives for EIS

December 12, 2007

## Progress since the last meeting

- ◆ Project team recommendation on “Low Build” and capturing a range of costs and benefits in the EIS
- ◆ More clarity on regulatory issues - Goal Exception and 4(f)
- ◆ Transit and Roadway Management (TSM/TDM) – Continuing to work out details with transit district, SKATS

- ◆ **Part 1:** Performance and cost spectrum and categories of alternatives (are these the right categories?)
- ◆ **Part 2:** How do we fill the categories (which alternatives)?

# Performance Spectrum (Traffic Mobility)

Worse

Better



# Performance Spectrum (Traffic Mobility)

No Build



# Performance Spectrum (Traffic Mobility)

No Build



<b>New Bridge + Red</b>
Orange + Red
White + Red
White + Red Light
Pink + Red
Blue + Red
Yellow + Red
Green + Red**

\*\*Meets 1.0 standard

# Performance Spectrum (Traffic Mobility)

No Build



New Bridge + Existing Bridge	New Bridge + Red
Purple*	
Orange	Orange + Red
White	White + Red
	White + Red Light
Pink	Pink + Red
	Blue + Red
Yellow	Yellow + Red
Forest	Green + Red**

\*Meets 0.85 standard.

\*\*Meets 1.0 standard.

# Performance Spectrum (Traffic Mobility)

No Build

1.0

0.85



Existing Bridge (only)
Teal Light

New Bridge + Existing Bridge	New Bridge + Red
Purple*	
Orange	Orange + Red
White	White + Red
	White + Red Light
Pink	Pink + Red
	Blue + Red
Yellow	Yellow + Red
Forest	Green + Red**

\*Meets 0.85 standard.

\*\*Meets 1.0 standard.



CHAPMAN HILL RD.

PARKWAY DR.

ORCHARD HEIGHTS RD.

WALLACE RD.

SATHER PARK

GLEN CREEK PARK

GLEN CREEK RD.

KINGWOOD DR.

GLEN CREEK RD.

WALLACE MARINE PARK

MOUTH OF MILL CREEK PARK

WALKER MIDDLE SCHOOL

7TH ST.

TAGGART DR. NW.

WALLACE

8TH ST.

PATTERSON ST.

EDGEWATER ST.

MARINE PARK

MARION ST.

MARION SQUARE PARK

PIEDMONT DR.

ROSEMONT AVE.

WEST SALEM PARK

HWY. 22

TEAL

CENTER ST.

FRONT ST.

COMMERCIAL ST.

DIVISION ST.

UNION ST.

MARION ST.

CENTER ST.

CHEMEKETA ST.

COURT ST.

STATE ST.

19TH ST.

ARCH ST.

FRONT ST.

MERCIAL ST.

LIBERTY ST.

ARCH ST.

SOUTH ST.

COMMERCIAL ST.

PORTLAND

# Performance and Cost Spectrum

No Build

1.0

0.85



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
		Purple*	
	Orange only	Orange	Orange + Red
	White only	White	White + Red
			White + Red Light
	Pink only	Pink	Pink + Red
			Blue + Red
	Yellow only	Yellow	Yellow + Red
	Forest only	Forest	Green + Red**
Teal Light			

\*Meets 0.85 standard.

\*\*Meets 1.0 standard.

# Performance and Cost Spectrum

No Build

1.0

0.85



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
A	B	A+B	B+C
		Purple*	
	Orange only	Orange	Orange + Red
	White only	White	White + Red
			White + Red Light
	Pink only	Pink	Pink + Red
			Blue + Red
	Yellow only	Yellow	Yellow + Red
	Forest only	Forest	Green + Red**
Teal Light			

\*Meets 0.85 standard.

\*\*Meets 1.0 standard.

# Performance and Cost Spectrum

No Build



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
		Purple*	
<div style="border: 2px solid black; background-color: #f4a460; padding: 10px; margin: 10px auto; width: 80%;"> <p><b>Discussion and Decision Part 1:</b> Is this the right spectrum (are these the right categories)?</p> </div>			
			Blue + Red
	Yellow only	Yellow	Yellow + Red
	Forest only	Forest	Green + Red**
Teal Light			

\*Meets 0.85 standard.

\*\*Meets 1.0 standard.

## Decision Part 2: Narrowing Down - How do we fill the slots (columns)?

- ◆ Suggestion: Eliminate those that TF and OT preliminarily agreed to remove (or almost agreed to remove)
- ◆ Suggestion: Eliminate those that are fatally flawed from a regulatory perspective – in this case, Section 4(f) – parks impacts (Green + Red) – based on recent guidance

# October TF and OT Meetings

Alternative	Staff (10/24/07)	TF (10/24/07)	OT (10/26/07)
Purple	X	X	X
Orange + Red		? (15-2-0)	
Orange		X	X
White + Red			
White + Red Light			
White			
Pink + Red			
Pink			? (5-1-0)
Blue + Red	X	? (16-1-0)	X
Yellow + Red			
Yellow		? (14-3-0)	? (5-1-0)
Green + Red	X	? (10-5-2)	
Forest	X	X	X

# Apply Results of October TF and OT Meetings

No Build

1.0

0.85



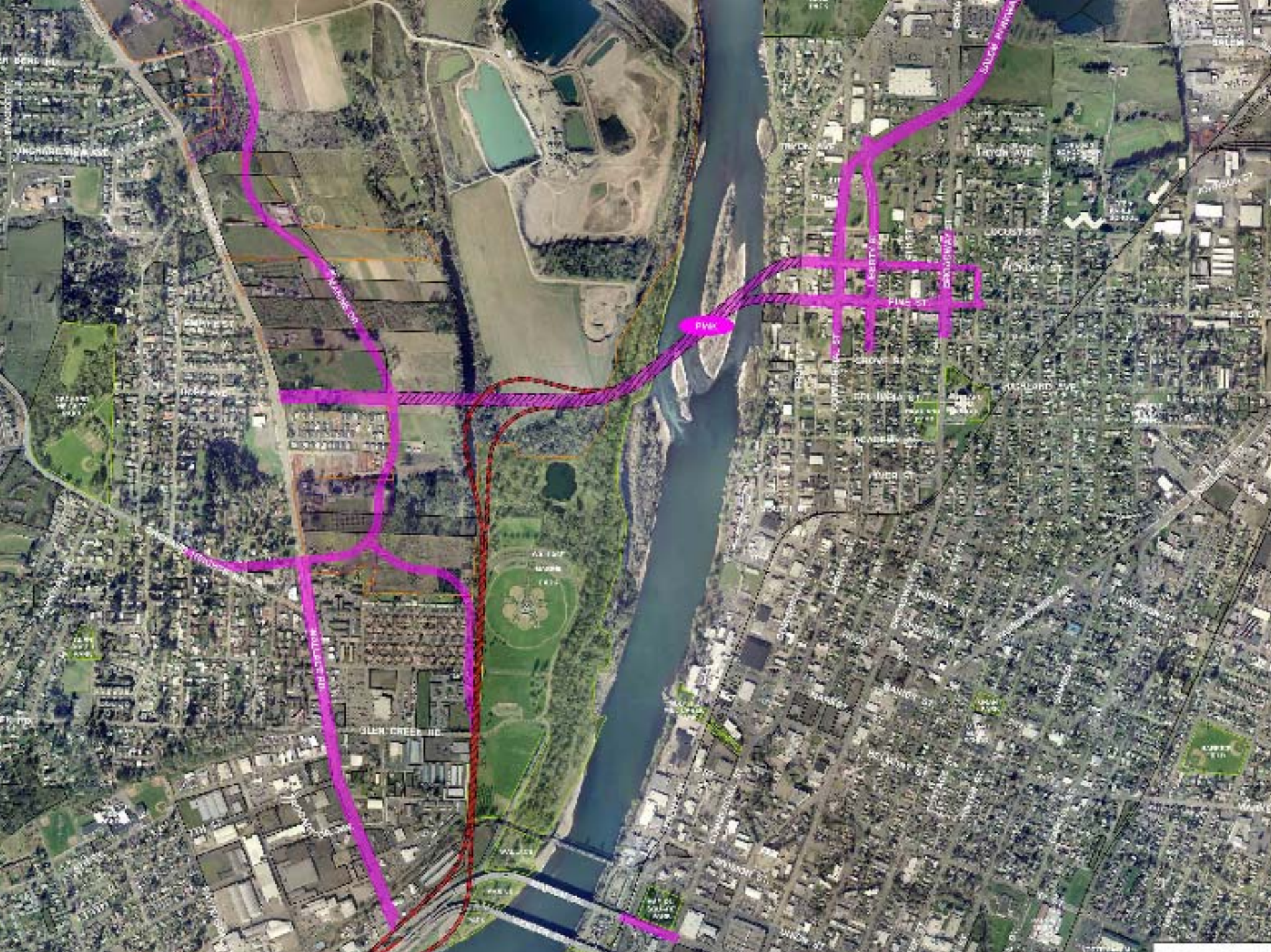
Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
	Orange only	Orange	Orange + Red
	White only	White	White + Red (includes "Light" option)
	Pink only	Pink	Pink + Red
	Yellow only	Yellow	Yellow + Red
Teal Light			



# Comparison: White vs. Orange vs. Pink

- ◆ White Alternatives – strongest support
  - ◆ Got fewest sticky dots (suggestions to eliminate) from TF and OT
  - ◆ Most common preference at open houses (web survey and email comments – not as clear)
- ◆ White vs. Pink
  - ◆ Similar function, White also includes direct ramp connection
- ◆ White vs. Orange
  - ◆ Similar function, White performs better







## Why keep Yellow alternatives?

- ◆ Urban Growth Boundary issue
  - Without Green, Yellow is unique – only potentially viable new bridge option that could be considered entirely within the UGB
  - To justify a new bridge that goes *outside* the UGB, we need detailed study of at least one new bridge that is *within* the UGB
- ◆ Section 4(f)
  - If Yellow is fatally flawed on 4(f), then justifying a goal exception for White is easier – but we must first conduct a detailed Section 4(f) evaluation to document this

## Goal Exception Process – Key Steps

1. Are there improvements to existing facilities that can *reasonably accommodate* the need?
  - If yes, then no Goal Exception
  - If no, then proceed to #2
2. Are there alternatives wholly within the Urban Growth Boundary that can *reasonably accommodate* the need? (Use thresholds)
  - If yes, then no Goal Exception
  - If no, then proceed to #3

3. Then, compare the economic, social, environmental and energy (ESEE) impacts of all the alternatives outside the UGB to show that the ESEE impacts of the alternative selected are *not significantly worse* than the others

No Build

1.0

0.85



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
	Orange only	Orange	Orange + Red
	White only	White	White + Red (includes "Light" option)
	Pink only	Pink	Pink + Red
	Yellow only	Yellow	Yellow + Red
Teal Light			

# Project Team Recommendation: Alternatives for EIS

No Build

1.0

0.85



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
	White only	White	White + Red (includes "Light" option)
	Yellow only	Yellow	Yellow + Red
Teal Light			

# Project Team Recommendation

No Build



Existing Bridge (only)	New Bridge (only)	New Bridge + Existing Bridge	New Bridge + Red
	White only	White	White + Red (includes "Light" option)
	Yellow only	Yellow	Yellow + Red
Teal Light			

**Discussion and Decision Part 2:**  
 Alternatives for EIS - are these the right alternatives to fill the categories?