Bus Rapid Transit

Better bus service. Different solutions.

Common elements:

• Fewer stops
• Faster boarding
• Station amenities
Division Transit Project

Downtown Portland

Protected Bike Lane

Gresham
Our Challenge: How Do We Make It All Fit?
Precedents

- Side Boarding Island
- Bike “Up & Over”
- Shared Bus/Bike Lane
- Bus-Bike Mixed Area
- Bike Behind Step-Out
- Step-Out In Lane
Now It’s Your Turn.
Design a BRT station that works for buses, bikes & pedestrians.
Goal & Rules

Your Station Must:

- Stay within right-of-way
- Include bike path
- Include bus shelter
- Include a station platform
- Have a clear pedestrian through zone
- Not modify vehicle lanes
- Be safe & work for everyone

Be collaborative. Be creative! Additional tools allowed.
Background & Assumptions

- Protected bike lane next to curb
- 60’ articulated bus with 3 doors
- 5x8’ ADA clear boarding zone
- 4’-0” bus ramp at front door
The Division Transit Station Solution
(and how we got there)
So Many Other Things…

- Existing Utilities
- Drainage
- Existing Transit Stuff
- Signal Infrastructure
- ADA upgrades
- New Development
- Street Trees
Engaging all the Right People

Committee on Accessible Transportation

Portland Bicycle Advisory Committee

Portland Pedestrian Advisory Committee

Gresham Active Transportation Subcommittee
Shared Bike/Pedestrian Platform

4’ Step-out zone; 3’ Bike Lane; 12’ station with pedestrian through zone
Shared Bike/Pedestrian Platform
Thank You For Playing!