

RIVERSIDE-FRANKLIN CORRIDOR PROJECT

Grant Application

Proposal

Presentation

What is it?

The city of Bend has made an application for a project through the:

State of Oregon - Bicycling and Pedestrian Improvement Project - Grant Program

The State has encouraged applicants to submit projects that think big, bold and comprehensive

Specifically, “*Showcase Projects*” that demonstrate the significant role that walking and bicycling play in the transportation network

Over 90 Applications were received totally \$38 M
(**ONLY \$5 M Available**)

Why this project?

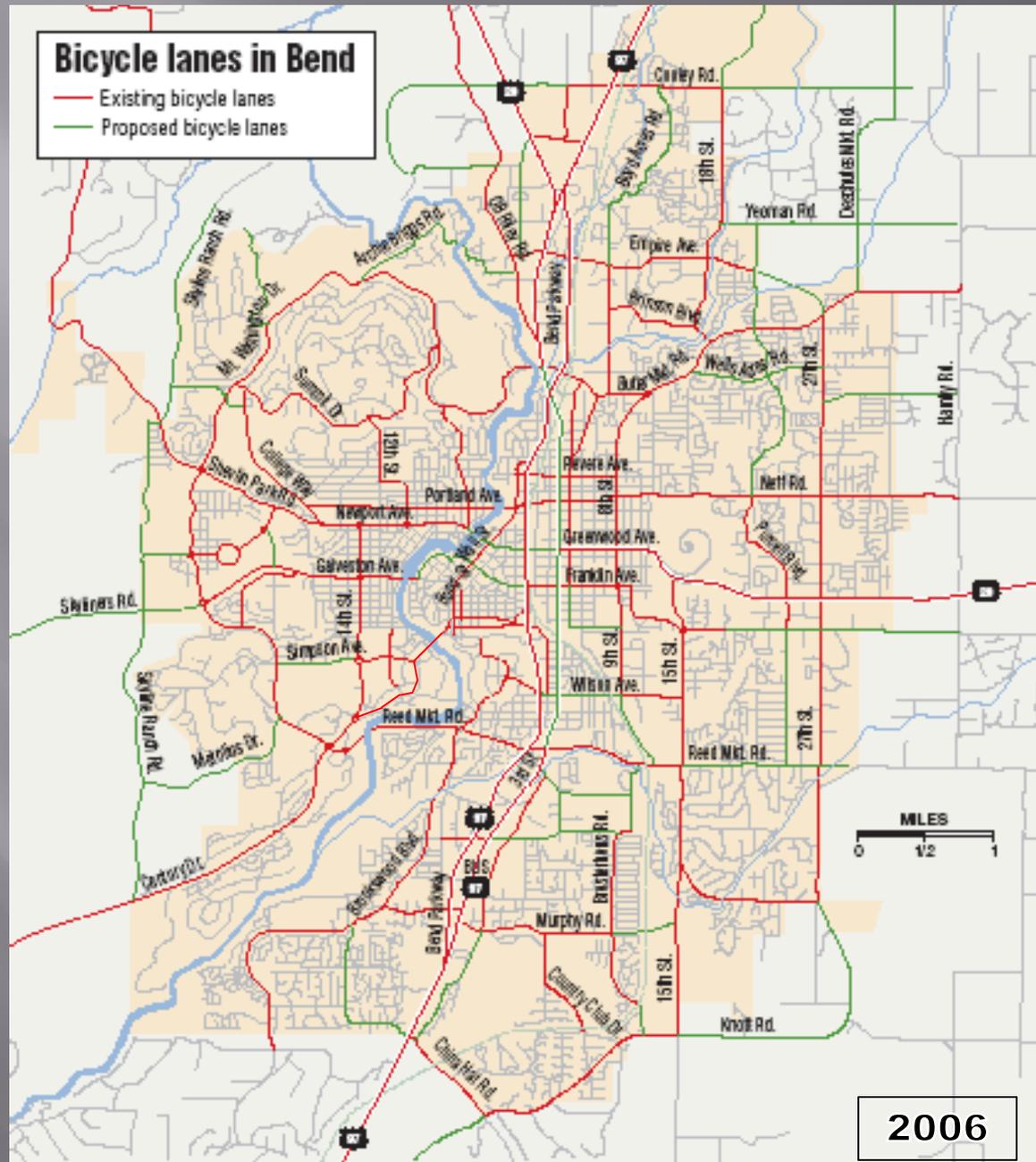
- ▣ The project will **serve** a very **broad range of users**:
 - ▣ **Bicyclists & Pedestrians**
 - ▣ **Transit Users**
 - ▣ **Park Users**
 - ▣ **Roadway Users**
 - ▣ **Neighborhood Residents**
- ▣ It will **improve safety** and **access** to the system
 - ▣ For all modes of transportation

For Bicyclists

- ▣ The project will in-fill a missing segment of one of the main **east-west** cross town transportation **corridors** that is lacking definition for bikes
 - ▣ This is proposed to be accomplished with the addition of a special type of “*buffered*” bike lanes, plus shared lane markings
- ▣ Bike Parking Supply in the park area is planned to be augmented

Bicycle lanes in Bend

- Existing bicycle lanes
- Proposed bicycle lanes

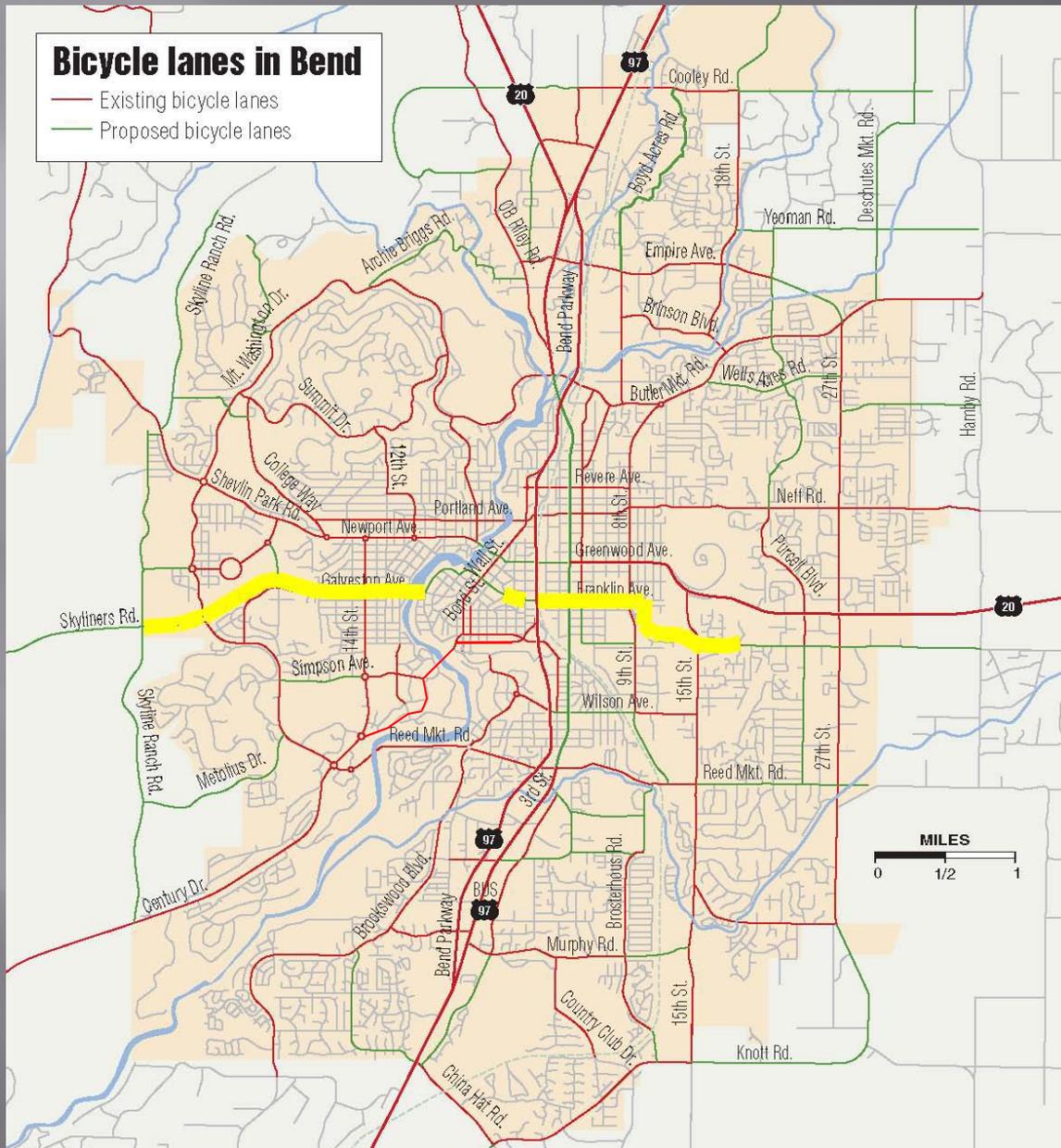


Source: City of Bend

Andy Zelgert / The Bulletin

Bicycle lanes in Bend

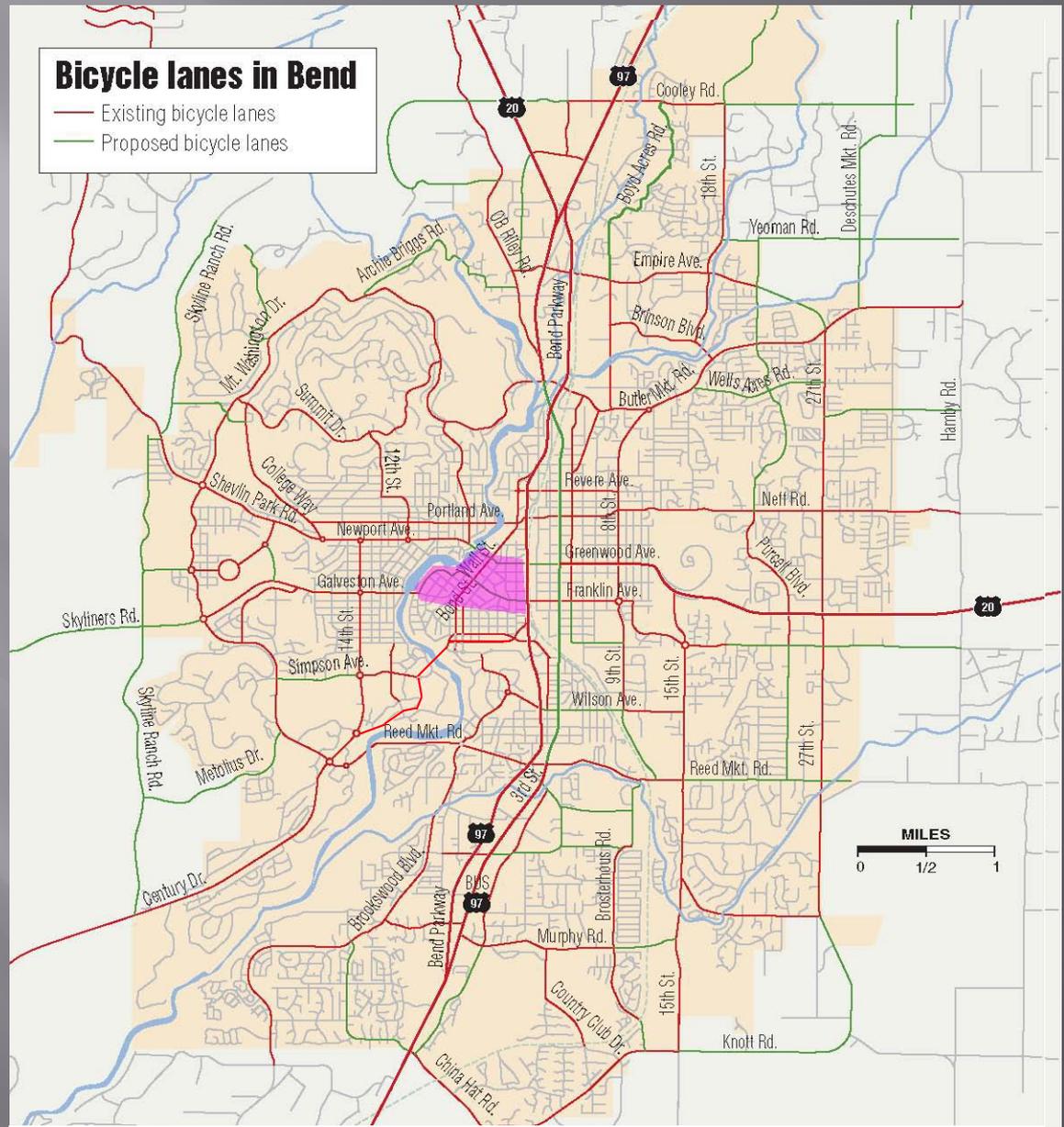
- Existing bicycle lanes
- Proposed bicycle lanes



Corridor: Existing Bike Lanes

Bicycle lanes in Bend

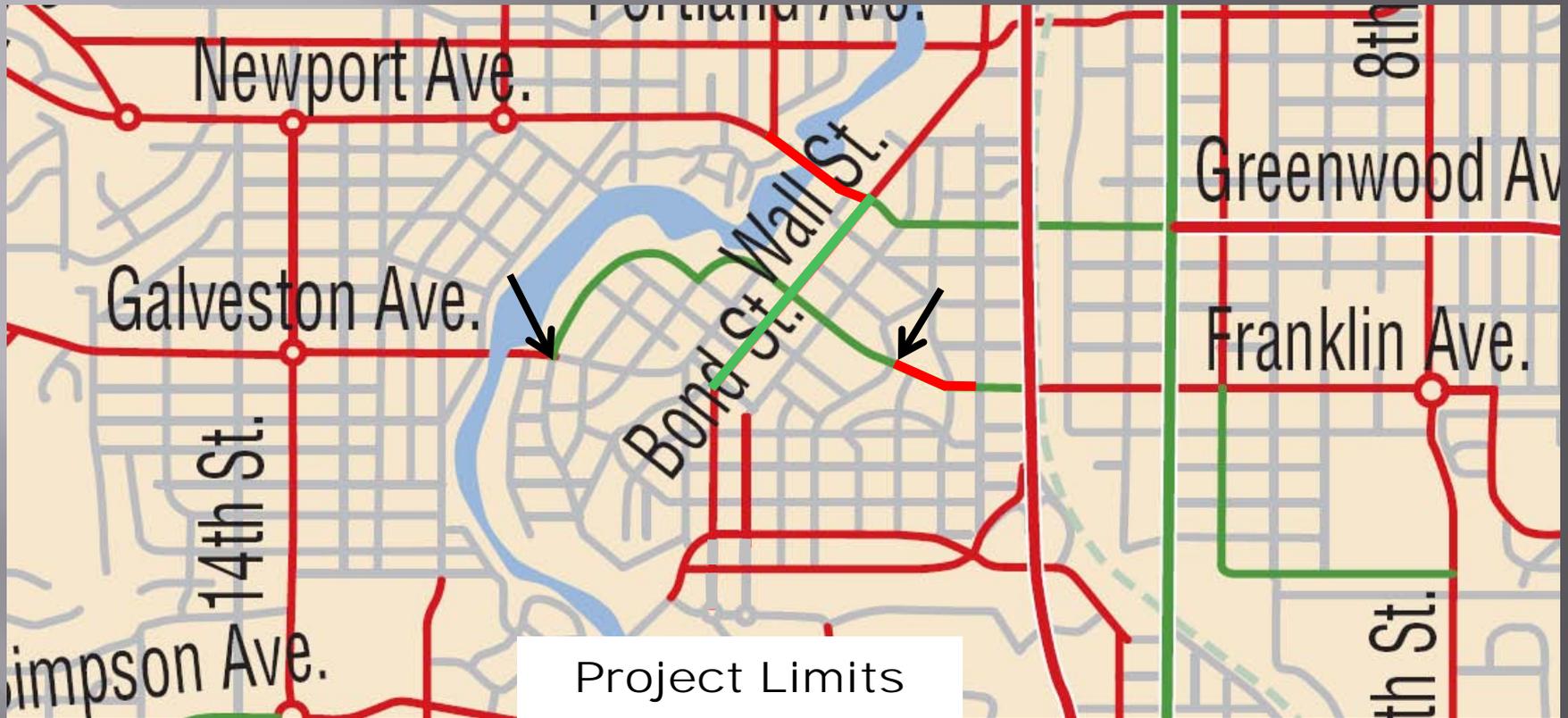
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- Proposed bicycle lanes



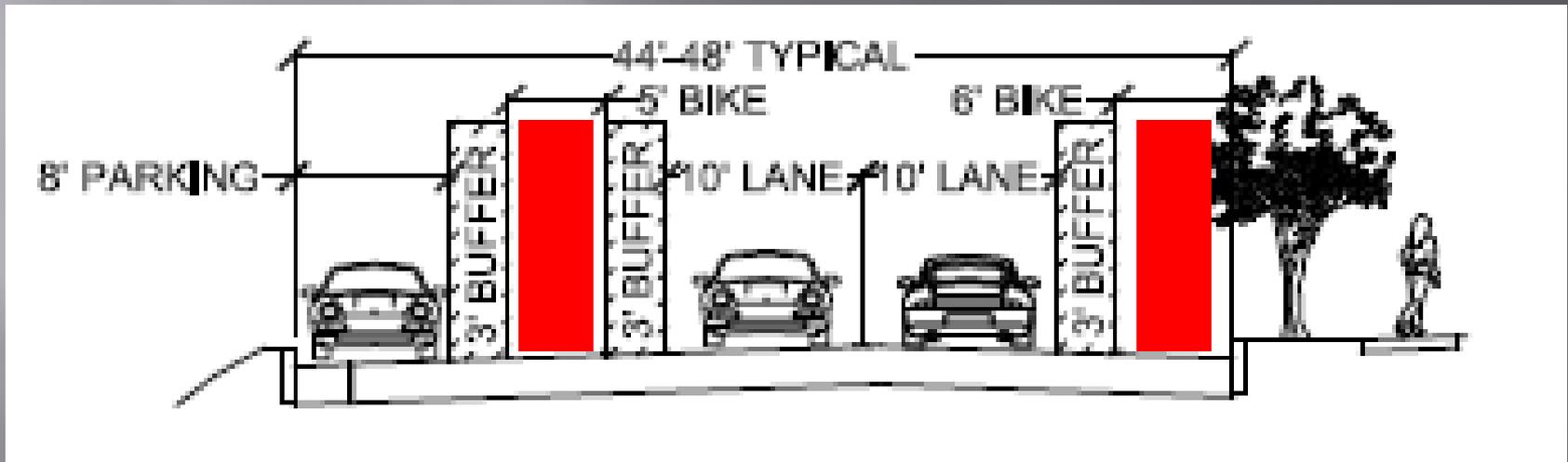
Area Missing Bike Lanes



• Bike System Connectivity

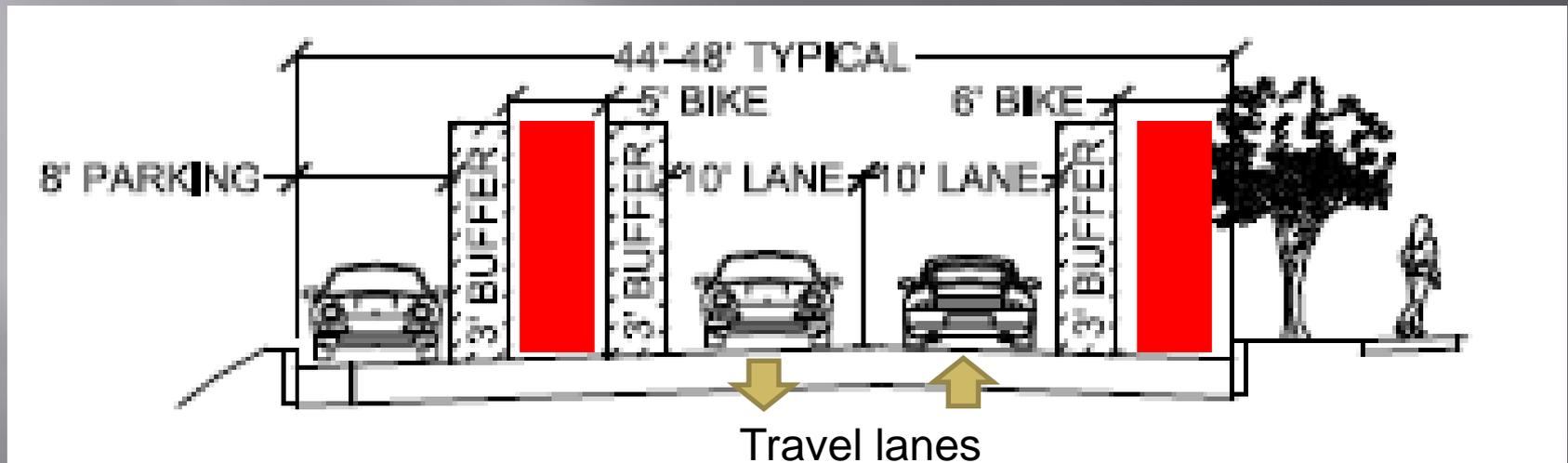


- Buffered Bike Lanes
 - *Tumalo to Broadway*



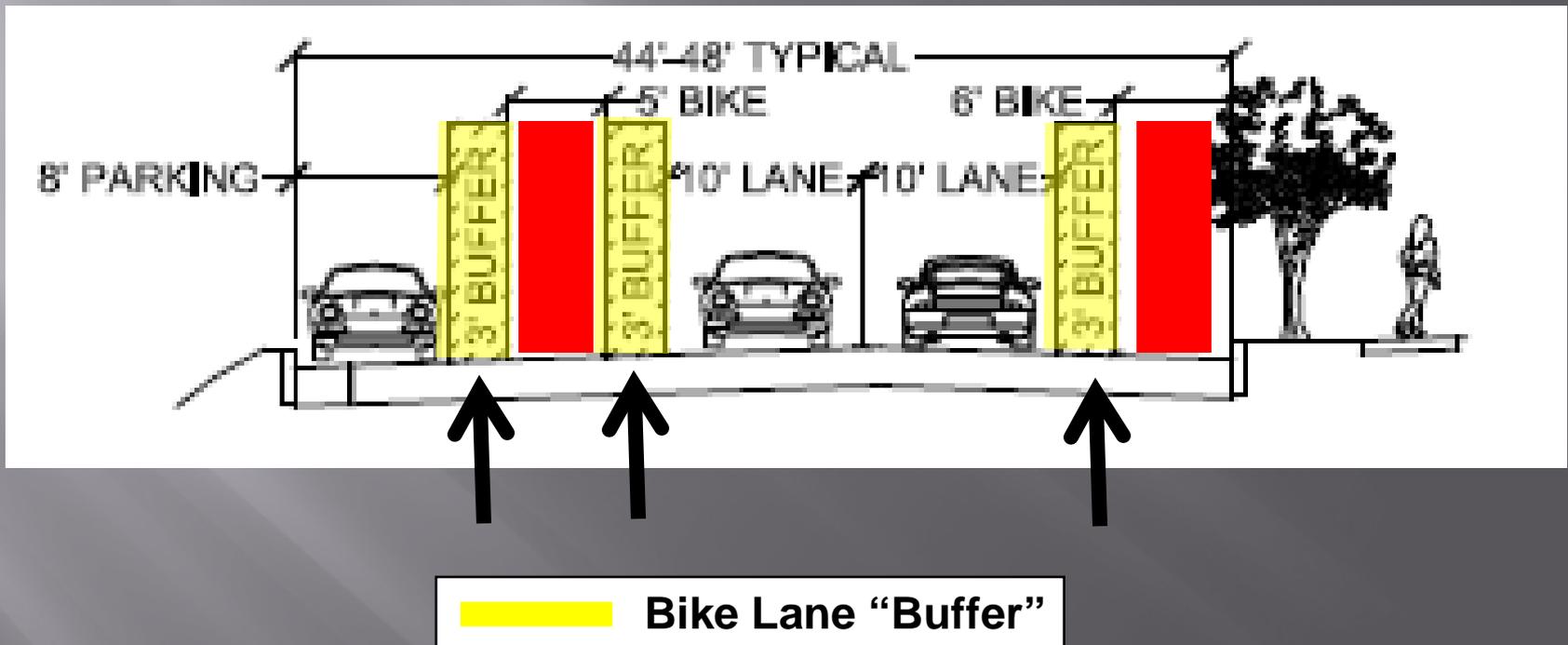
 Bike Lane

- Buffered Bike Lanes
 - *Tumalo to Broadway*



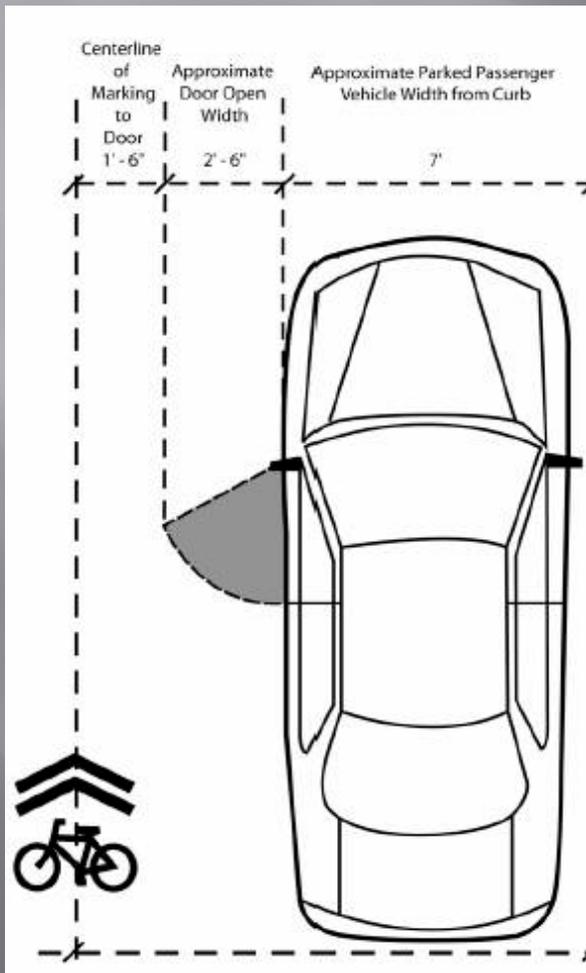
 **Bike Lane**

- Buffered Bike Lanes
 - *Tumalo to Broadway*



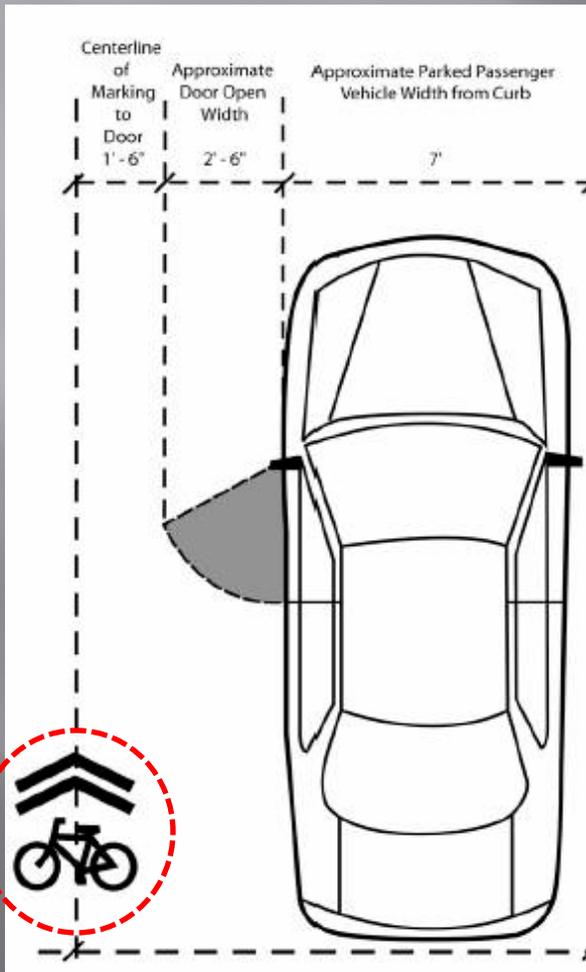
- Shared Use Bike Markings

- *Broadway to Tin Pan Alley*



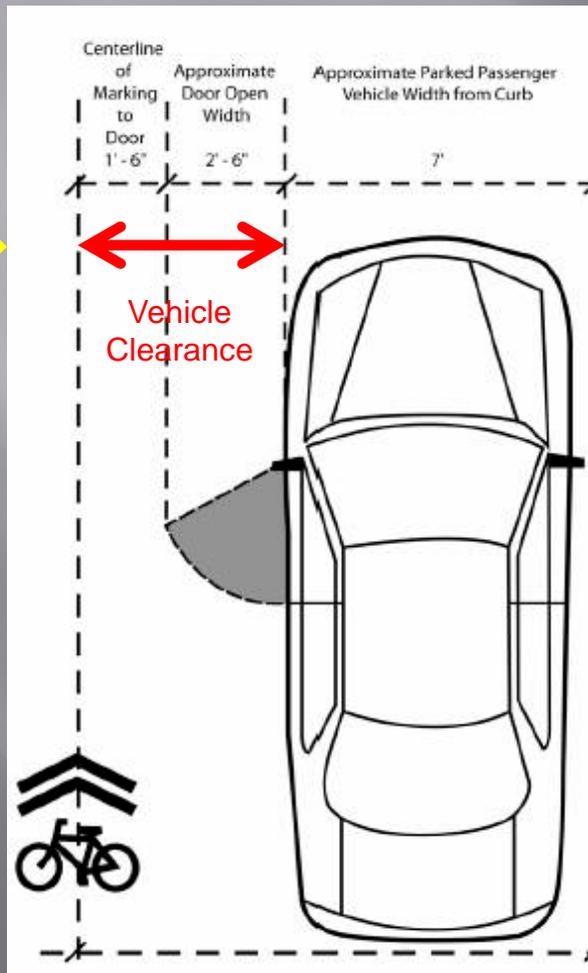
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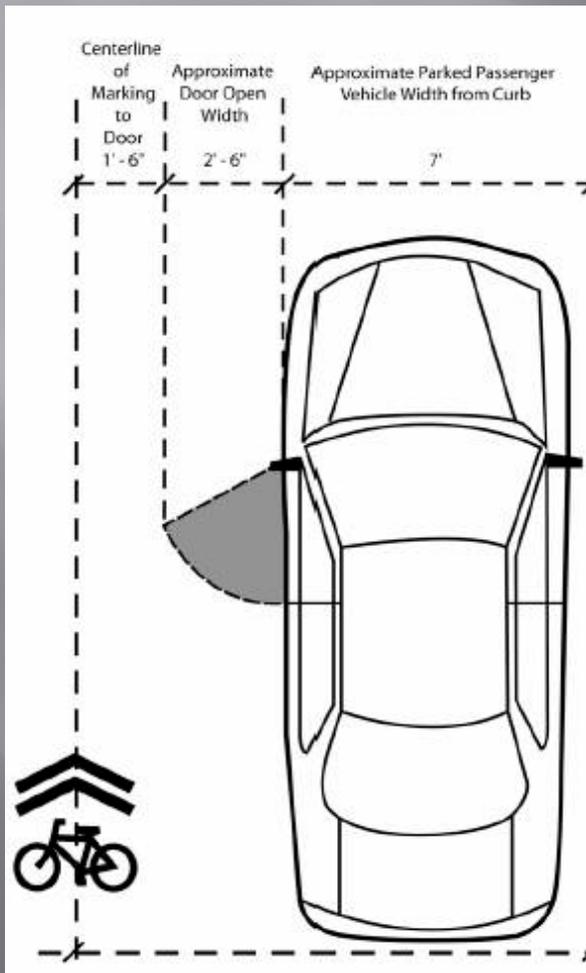
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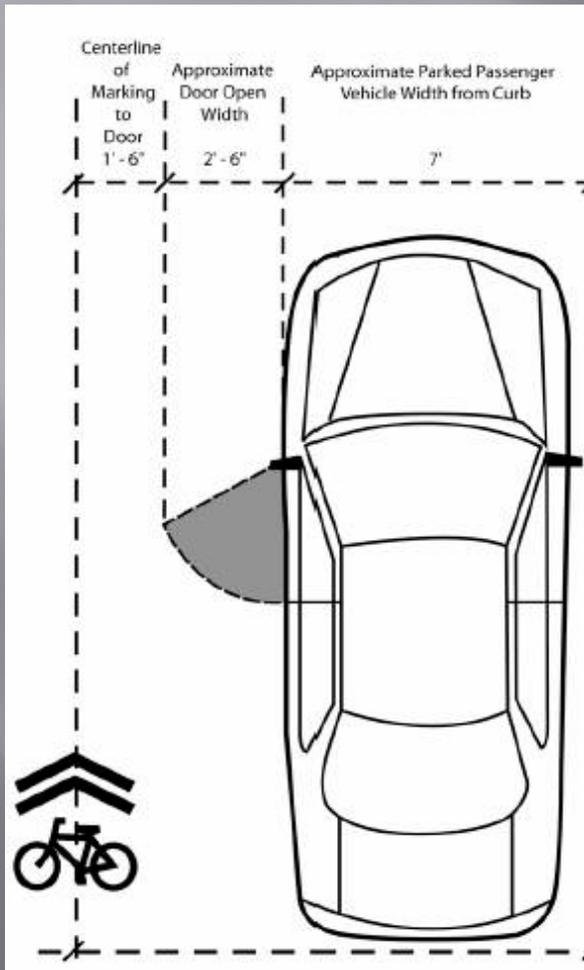
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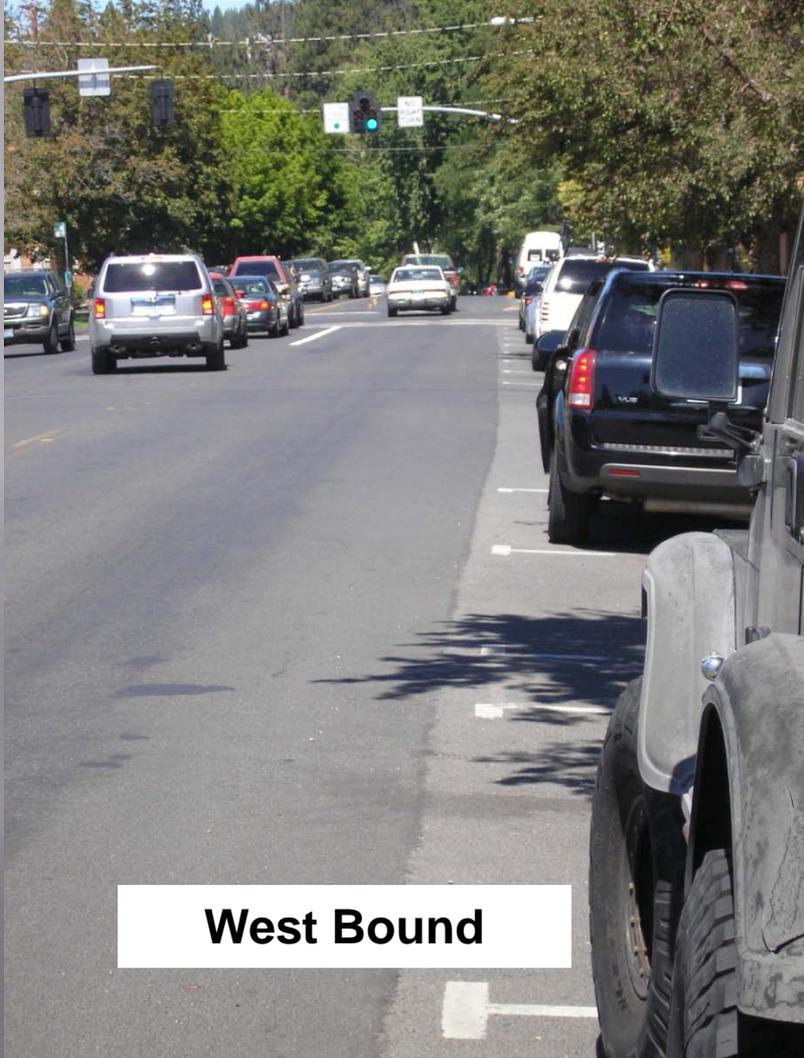


• Shared Use Bike Markings

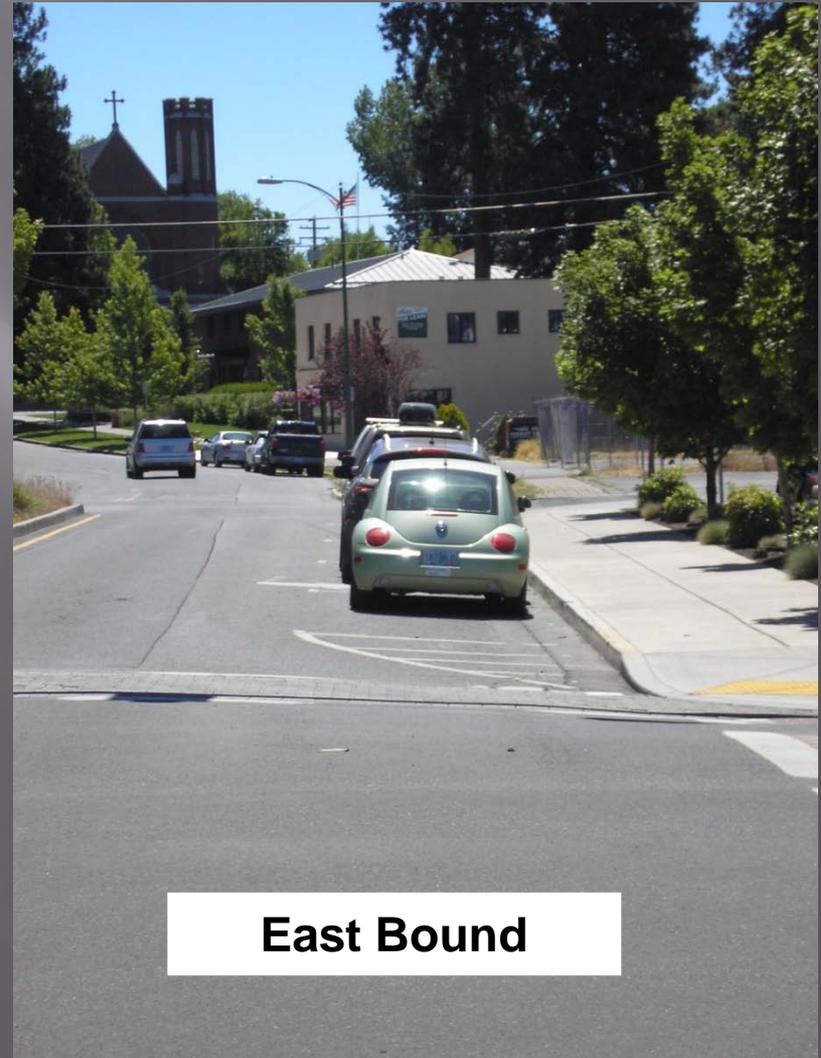
• *Broadway to Tin Pan Alley*



Franklin - Downtown

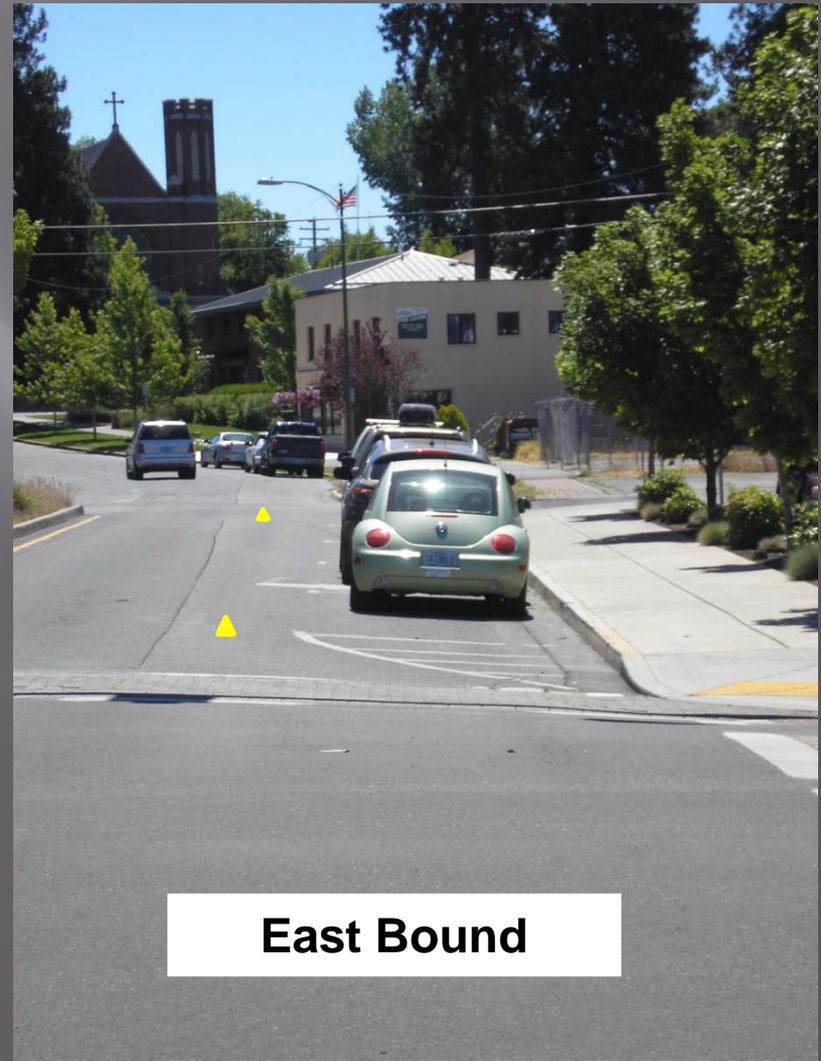
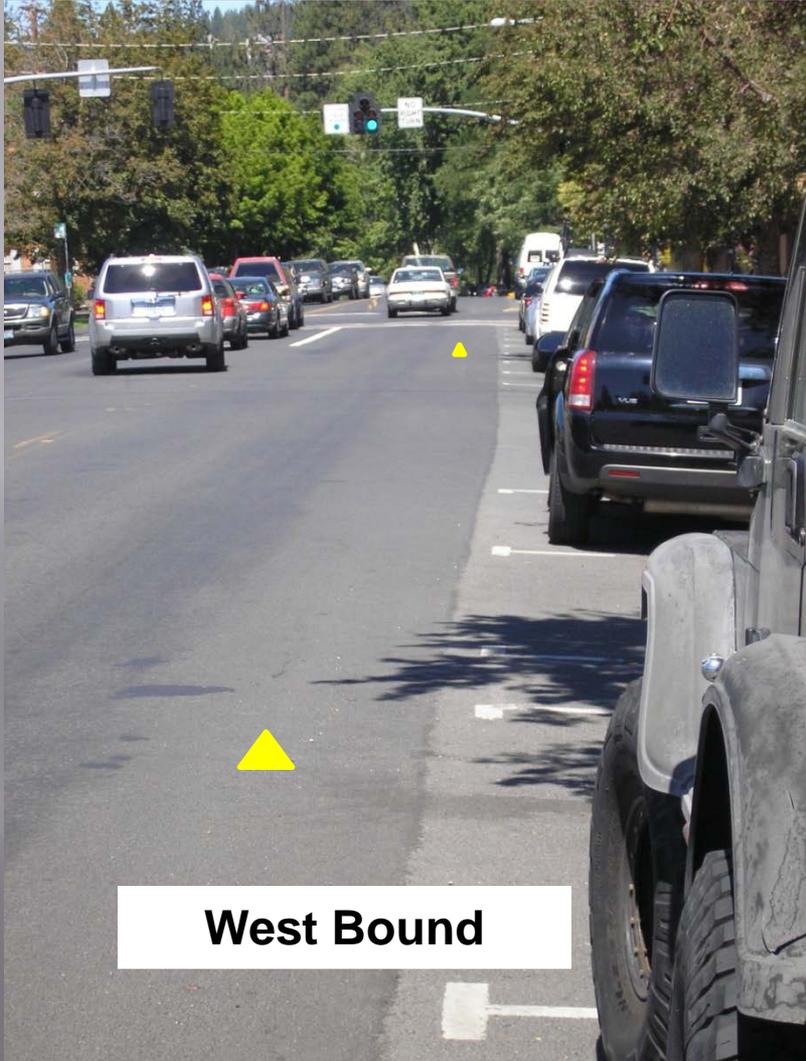


West Bound

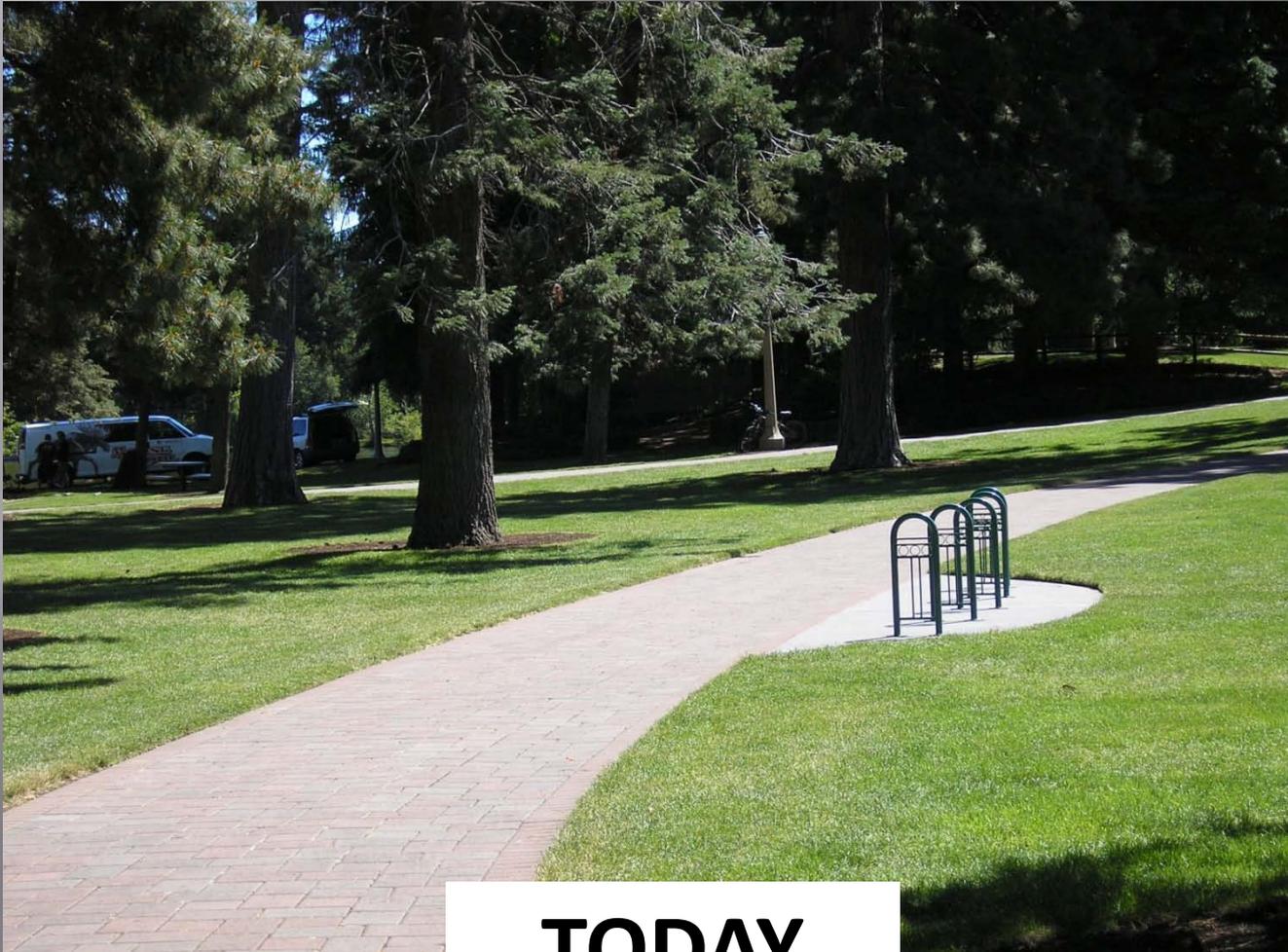


East Bound

Franklin - Downtown



- Bike Parking



TODAY

- Bike Parking



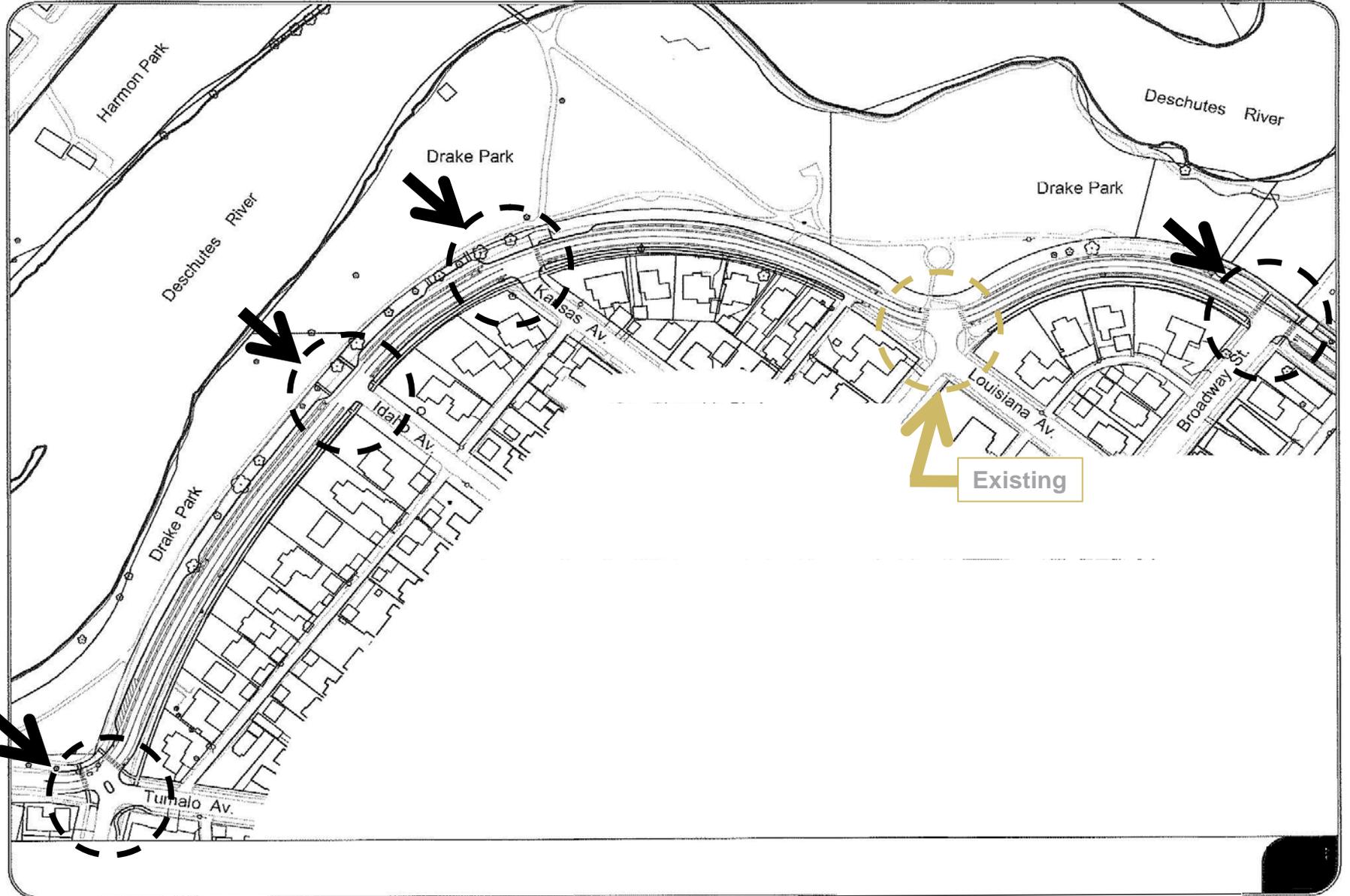
FUTURE?

For Pedestrians/Transit

- ▣ The project will provide improved street crossing and transit access with:
 - ▣ Construction of curb extensions at the four remaining intersections on Riverside, at: Tumalo, Idaho, Kansas and Broadway
 - ▣ Improved Transit waiting areas, including shelters at the high use stops

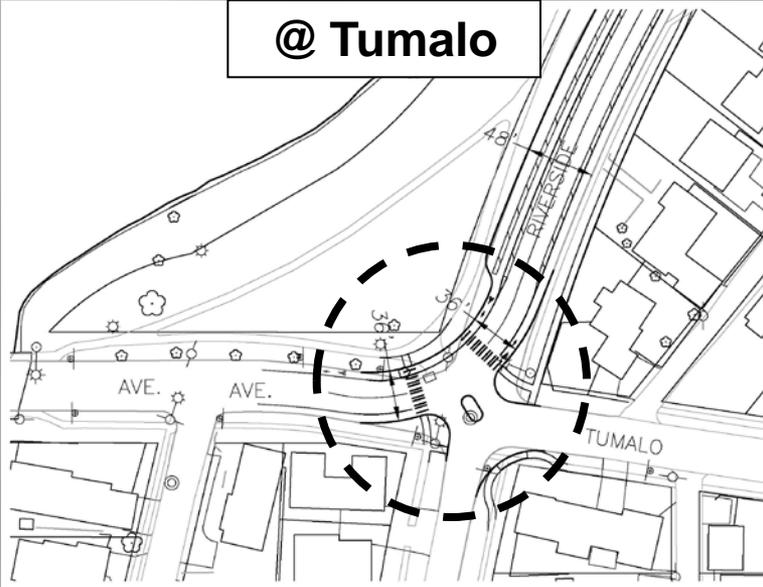
For Pedestrians/Transit

- ▣ The project will provide improved street crossing and transit access (**cont.**):
 - ▣ Supplemental lighting at the crosswalks to improve night visibility
 - ▣ ADA compliant improvements at all intersections & transit stops
 - ▣ Street trees to provide sidewalk shade

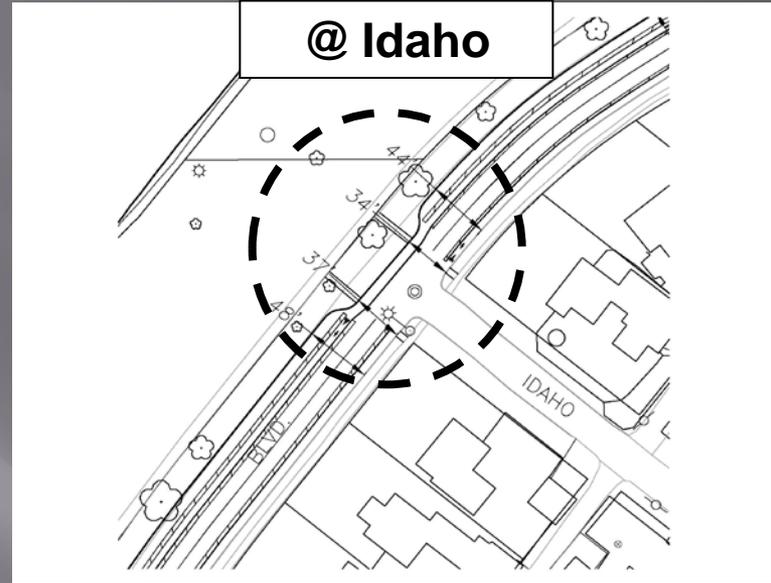


•Curb Extensions

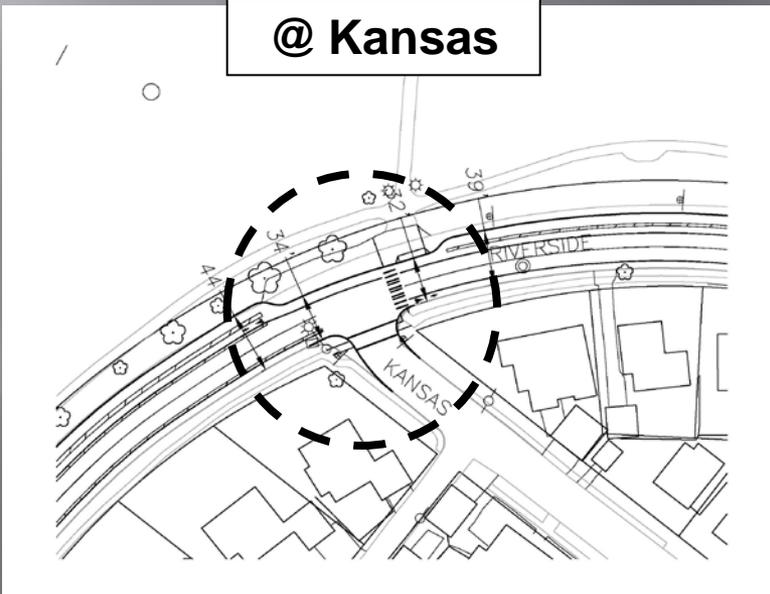
@ Tumalo



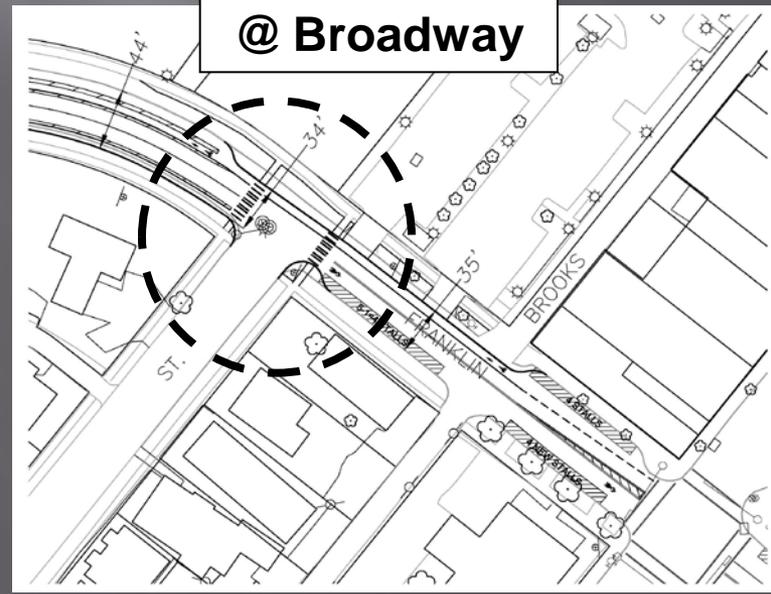
@ Idaho

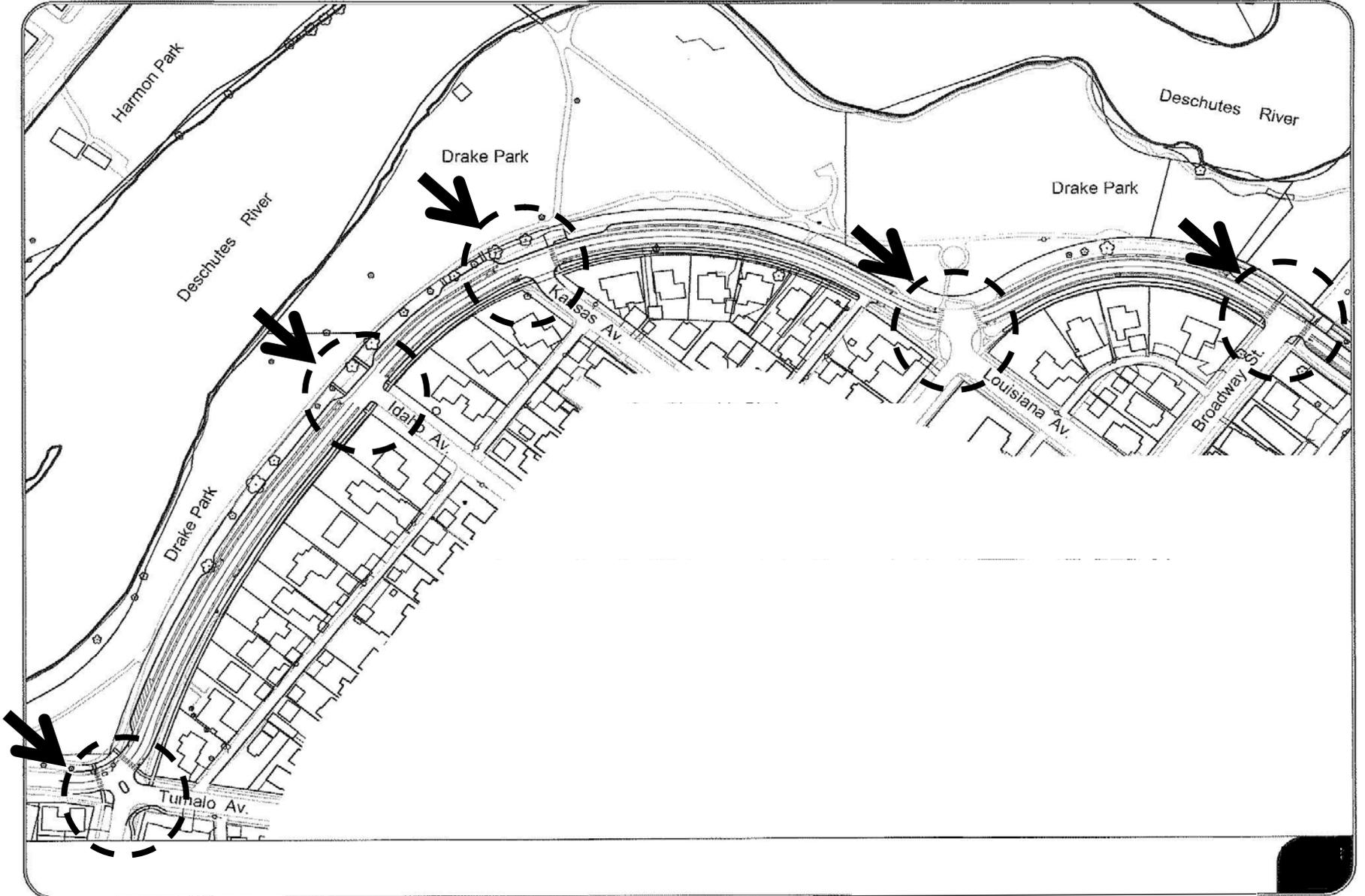


@ Kansas



@ Broadway





DevTech Engineering, LLC
Site Planning · Civil Engineering

 **NEW Lighting**



DevTech Engineering, LLC
Site Planning · Civil Engineering

➔ NEW Lighting



Typical Style



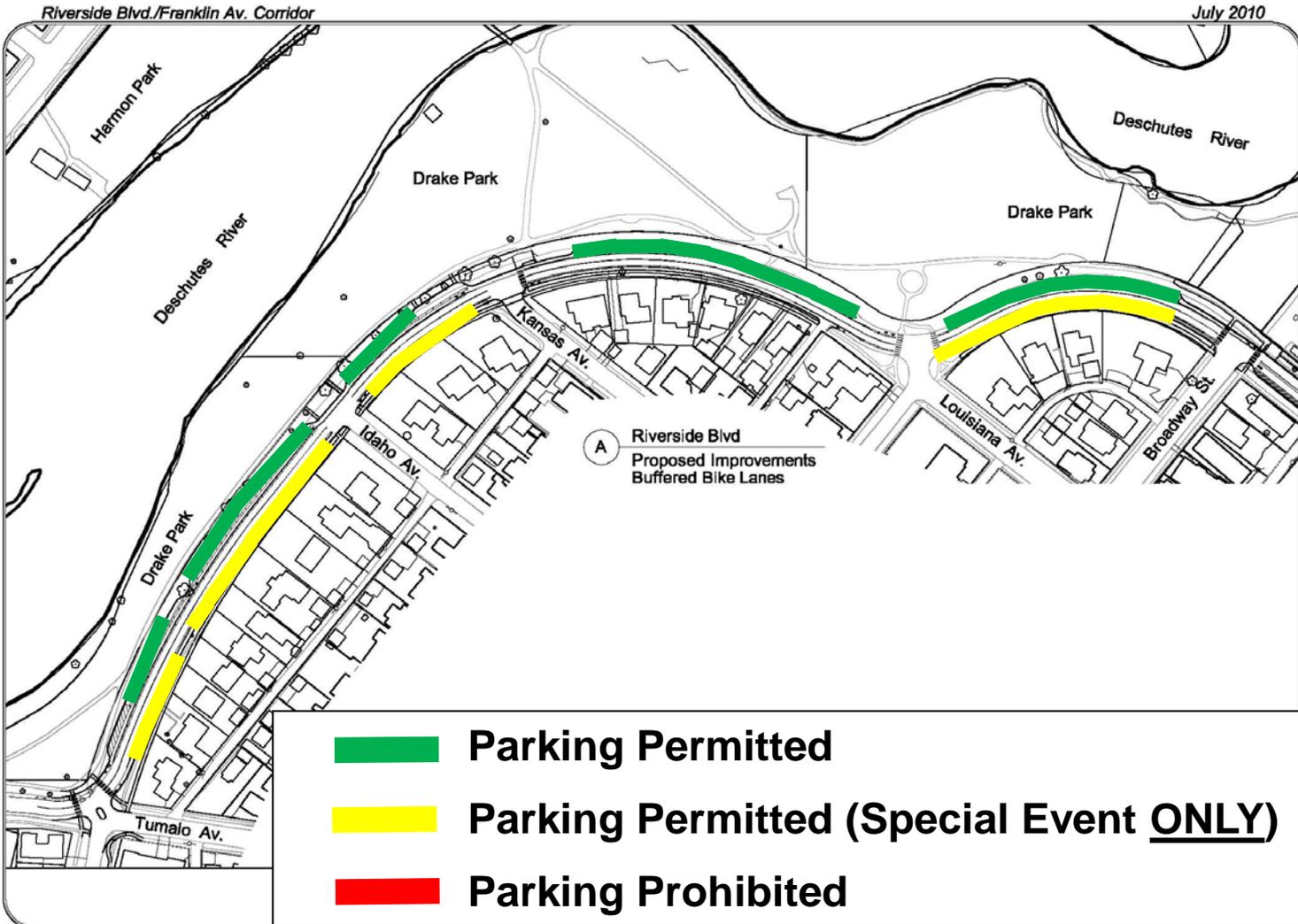
For Park Users

- ▣ The project will provide:
 - ▣ Improved parking comfort for loading and unloading
 - ▣ Reduce the conflicts walkers have on the adjacent **park path** as it relates to passing **bike traffic**
 - ▣ Improved park accessibility with **shorter** and **better defined** crosswalks at intersections

• Proposed Parking – Approximation



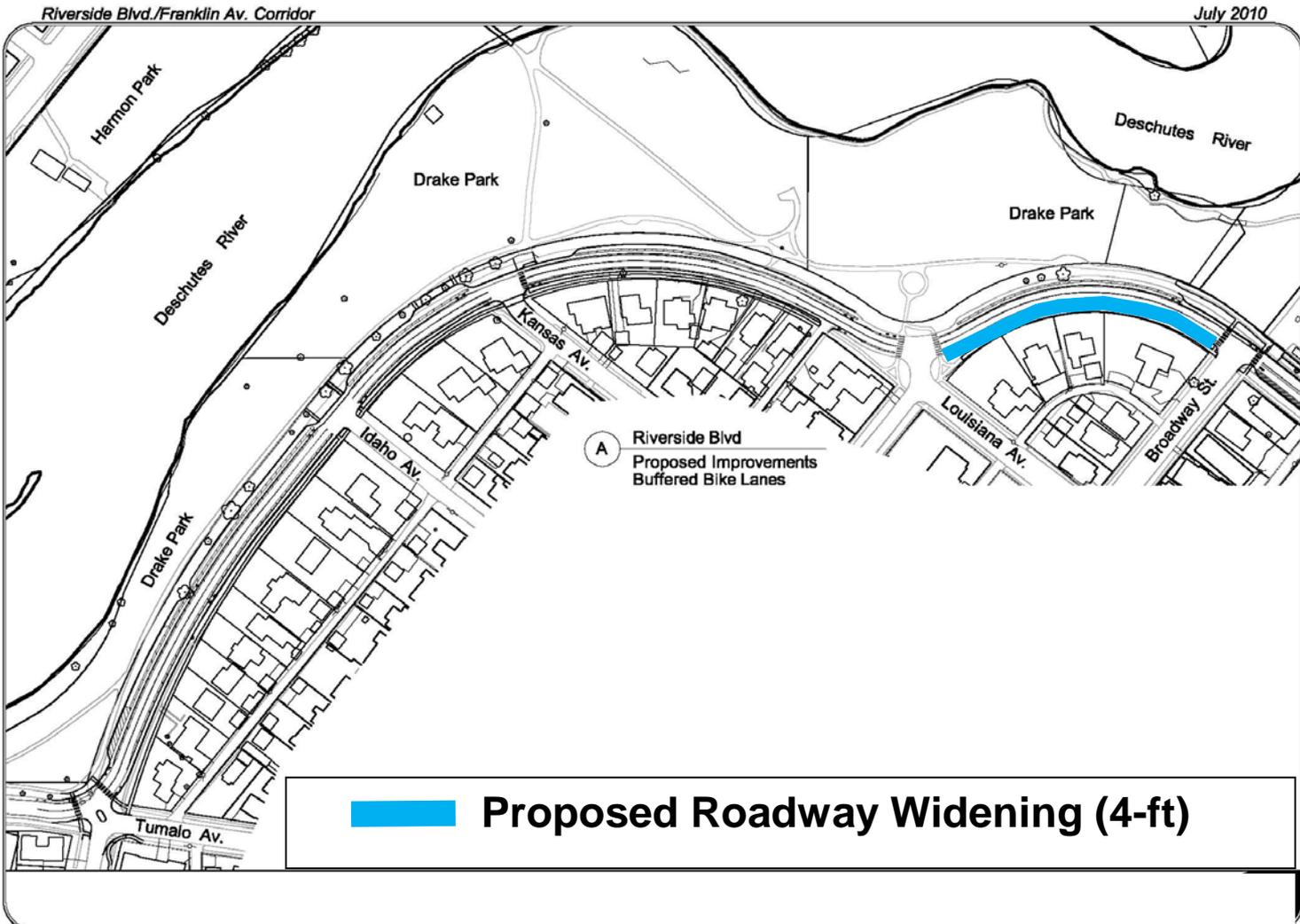
Proposed Parking – Approximation



Proposed Parking – Approximation



Proposed Roadway Widening



- **Proposed Street Widening (4-ft)**
Louisiana to Broadway – East Side



- **Proposed Street Widening (4-ft)**
Louisiana to Broadway – East Side



- **NO Bike Lane Buffer – East Side
Kansas to Louisiana**



- **NO Bike Lane Buffer – East Side
Kansas to Louisiana**





For Roadway Users

- ▣ The project will provide:
 - ▣ Improved traffic flow thru the Tumalo intersection
 - ▣ Improved lane delineation for all road users, i.e., clearly marked areas for bikes, peds and parkers.



For Neighborhood Residents

- ▣ The project will provide traffic calming elements that will:
 - ▣ Encourage slower travel speeds along Riverside
 - ▣ Encourage reduced traffic volumes on Tumalo, Riverfront and Riverside (south of Galveston)
 - ▣ Improved park connection

★ Issues:

- ▣ Parking
- ▣ Street Trees
- ▣ Illumination
- ▣ Striping Design
- ▣ Park Frontage Treatments
- ▣ Other: