

# Division Streetscape and Street Reconstruction Project

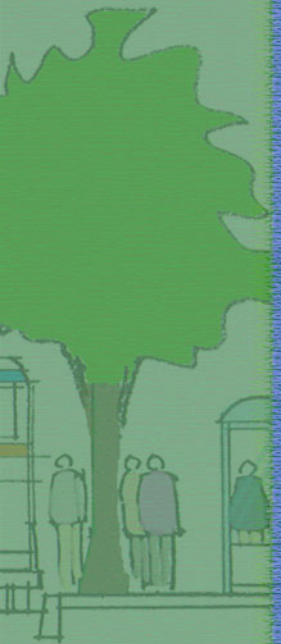
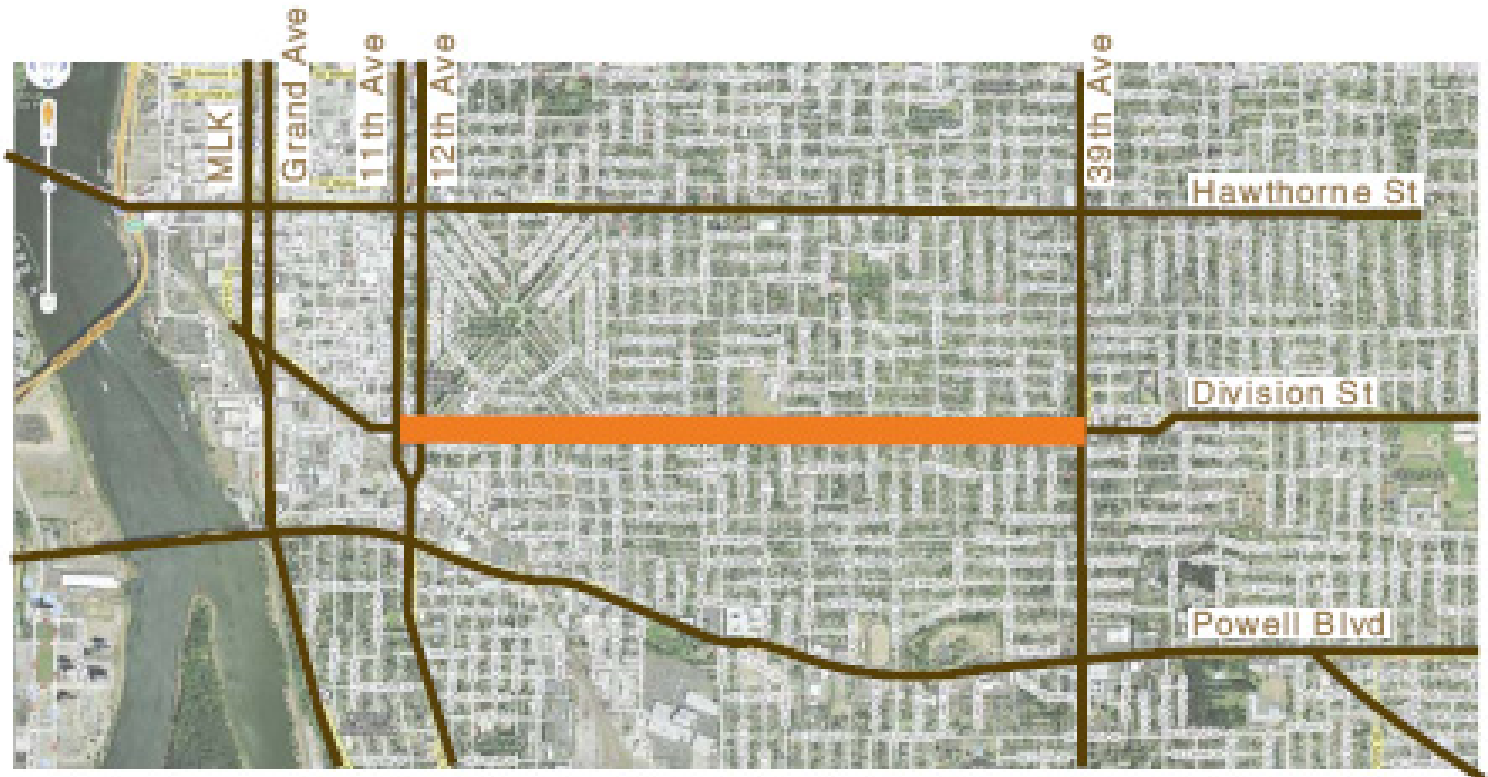


**Portland City Council  
June 23, 2010**



# Project Area

## SE 10<sup>th</sup> to 39<sup>th</sup> Avenue



\* SIDEWALK  
BUS STOP



# Project Background (cont'd)

## Issues / Constraints:

- Traffic volumes, speeds
- Presence of pro-time lanes
- Inadequate pedestrian facilities
- Lack of cohesiveness and community identity

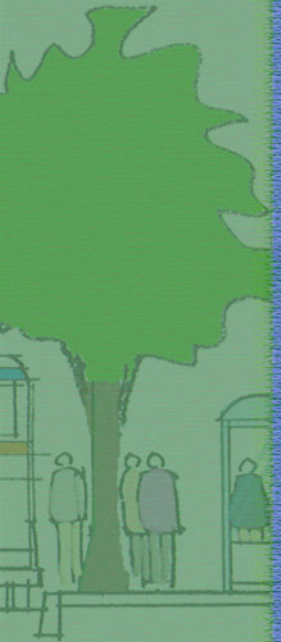
## Street Classifications:

- Neighborhood Collector Street
- Major Transit Priority Street
- Major Emergency Response Street
- Local Service Bikeway
- City Walkway
- Truck Access Street



# Project Approach

- **Address the transportation-related goals and objectives** identified in the Division Green Street / Main Street plan
- **Address safety, access, and traffic-related issues** on Division
- **Balance the multi-modal transportation demands and competing uses of the public right-of-way** along SE Division Street



\* SIDEWALK  
BUS STOP

# Public Outreach Process

- 23-member Citizen Advisory Committee
- 2 Public Open Houses
- Design Workshop
- Business/property owner outreach meetings
- Presentations to business and neighborhood associations
- Attendance at local neighborhood events/festivals
- Project displays/newsletters placed throughout community



# Goal 1: Shared Economy

- Street improvements should support both the commercial and residential uses of the street
- Preserve parking where needed for business vitality
- Preserve visibility and sidewalk access to businesses



# Goal 2: Clean & Green Environment

- Introduce stormwater facilities, reduce impervious surfaces, and highlight connection to watershed
- Add street trees to maximize canopy
- Design streetscape amenities to support safe and efficient alternative transportation modes





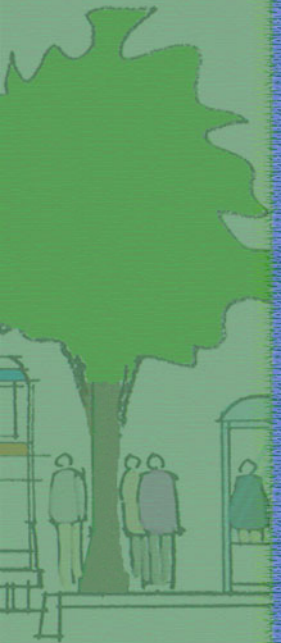
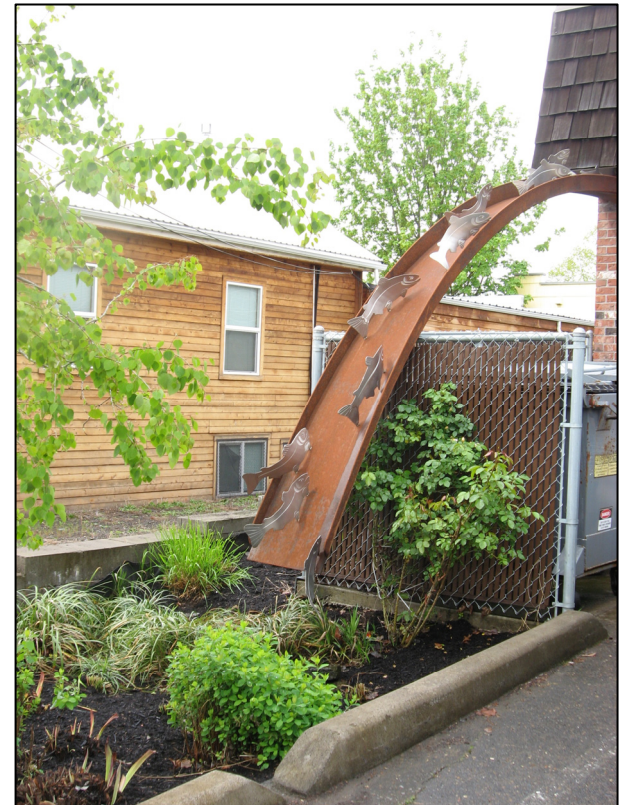
# Goal 3: Healthy Community

- Encourage walking and bicycling through improved bike, pedestrian, and transit amenities
- Encourage the community to discover and create community gathering places for all ages
- Increase safety and visibility of schools in the area
- Support traffic speeds that are consistent with high levels of pedestrian activities



# Goal 4: Place Making

- Design street improvements that enable and encourage flexible use of public space by local artists and businesses
- Incorporate functional art into the street's design and redevelopment
- Incorporate historical markers or other features that commemorate history of the area



\* SIDEWALK  
BUS STOP

# Transportation Analysis

## Objectives:

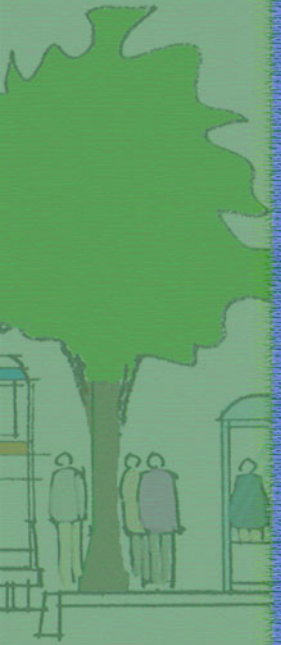
- Determine where the existing cross-section on SE Division Street could be narrowed to two travel lanes (*i.e. removal of pro-time lanes*)
- Maintain adequate vehicle and truck access to local businesses
- Improve pedestrian, bicycle, and transit access
- Recommend solutions that support project goals *and* satisfy City and Federal performance standards



# Transportation Analysis

## Findings and Recommendations:

- SE Division Street can adequately serve traffic with one lane in each direction *except at* major nodes:
  - SE 11<sup>th</sup>/12<sup>th</sup> Couplet
  - Seven Corners Intersection
- For these major nodes, maintain a 4-lane cross-section to provide capacity and address the traffic demands during peak travel times
- Remove pro-time lanes outside of the major nodes to help with vehicle and transit operations (i.e. wider, single travel lane) and to provide space for other streetscape improvements



\* SIDEWALK  
BUS STOP

# Streetscape Plan

## *Plan Highlights:*

### **Pedestrian Safety Improvements**

- Curb extensions
- Marked crosswalks
- ADA curb ramps
- Pedestrian count down timers at all existing signals

### **Green Infrastructure**

- Street trees
- Bioswales
- Stormwater planters

### **Transit Improvements**

- Improved stop spacing
- Curb extensions and crossing improvements
- New bus zones / pull outs



# Streetscape Design (cont'd)

## *Plan Highlights:*

### **Bicycle Amenities**

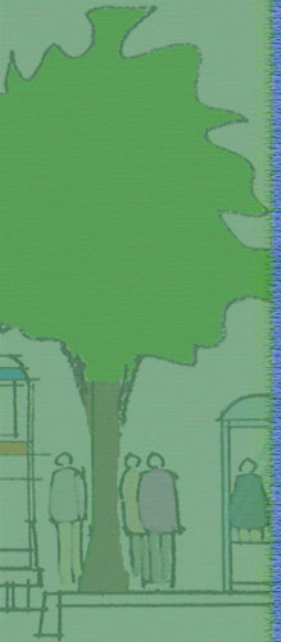
- Bike boxes on SE Ladd and 21<sup>st</sup>
- Bike corrals
- Improved travel across Division with curb extensions and marked crossings



### **Public Art**

Through the Regional Arts and Culture Council (RACC), SE Division Street will receive public art that is:

- Pedestrian-scaled
- Episodic in nature and placed throughout the corridor
- Conveys the character of the community



\* SIDEWALK  
BUS STOP

# Streetscape Design (cont'd)

## *Plan Highlights:*

### **On Street Parking**

- Add full time on-street parking in commercial zones throughout the corridor

### **Paving of Frontage Zone**

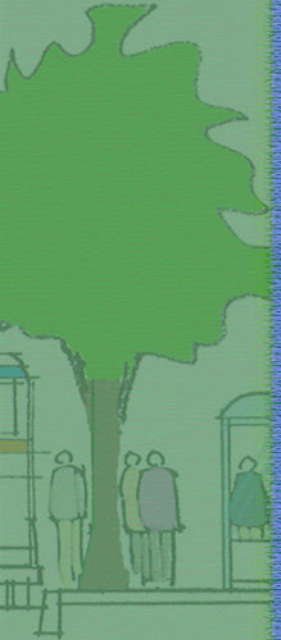
- Identify opportunities in commercial areas, to maximize space for pedestrians

### **Street Lighting (TBD)**

- Corridor lighting analysis will be performed during the engineering phase



# Streetscape Design



SIDEWALK  
B/W STR



# Streetscape Design (cont'd)

## *Additional Elements Considered*

### **Street Furniture**

- Due to the City's maintenance funding constraints, the plan does not include street furniture (benches, trash cans, etc.)

### **Build-Out of Seven Corners**

- Due to complexity of traffic operations at this intersection, the project is unable to narrow this area to a two-lane cross section and build improvements

#### **Future 2-lane Build Out Wide Sidewalk**

- Moves curbs out 6' along Division from existing locations to create wider sidewalk environment
- Incorporates improvements potentially built in the 4-lane design



# Next Steps:

## 2010-11:

- Proceed with preliminary and final engineering phase
- Work with members of the Division CAC and business/property owners on plan refinements
- Coordinate construction work with the community, business/property owners and public agencies

## 2011-2013

- Construct streetscape improvements and pavement restoration work from SE 10<sup>th</sup> to 39<sup>th</sup>

*Expected construction duration approximately 18 to 24 months*

