



# Designing Transit Accessible Communities

ELDERLY AND PERSONS WITH DISABILITIES  
TRANSPORTATION PROGRAM COMMITTEE

NOVEMBER 8, 2011



Transit Accessibility:

the segment of an individual trip that occurs between an origin or destination point and the transit system.

~ Source: American Public Transit Association

# Study Goals

- 1) to identify the **challenges** that are faced by transit users in the region when **accessing transit**;
- 2) recommend **improvements, polices, and guidelines** that are applicable in the MAG region;
- 3) provide a **cost analysis** and a **framework** for funding options and prioritization.

# ACCESS & COMFORT INVENTORY

## LOW

## MODERATE

## HIGH

## TRANSIT CENTER PARK-N-RIDE



- ⊖ Not ADA Accessible
- ⊖ No Sidewalks
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Sidewalk
- + Adjacent Bike lane
- + Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Adjacent Land Use Access
- + ADA Accessible
- + Weather Protection
- + Bike Racks



- + Adjacent to Western Canal Trail
- + Weather Protection
- + Bike Lockers
- + Restrooms



- + Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Sidewalk
- + Access to Shade
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Passenger Waiting Amenities
- + ADA Accessible
- + Weather Protection
- + Bike Racks



- + Adjacent Bike Lanes
- + Bike Lockers
- + Weather Protection
- + Restrooms



- + Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Bike Facilities
- + Passenger Waiting Amenities
- + ADA Accessible
- ⊖ No Weather Protection



- + Passenger Waiting Amenities
- + ADA Accessible
- + Weather Protection
- + Bike Racks



- + Security Cameras
- + Adjacent Bike Lanes
- + Weather Protection
- + Bike Lockers

# ACCESS & COMFORT INVENTORY

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## MODERATE

## HIGH

## TRANSIT CENTER PARK-N-RIDE



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- ⊖ No Sidewalks
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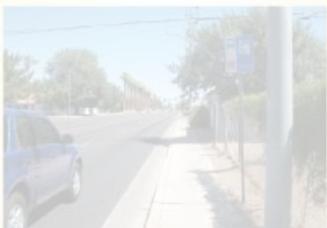
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- ⊕ Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Adjacent Land Use Access
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent to Western Canal Trail
- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
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- ⊕ Sidewalk
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- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Security Cameras
- ⊕ Adjacent Bike Lanes
- ⊕ Weather Protection
- ⊕ Bike Lockers

# ACCESS & COMFORT INVENTORY

LOW



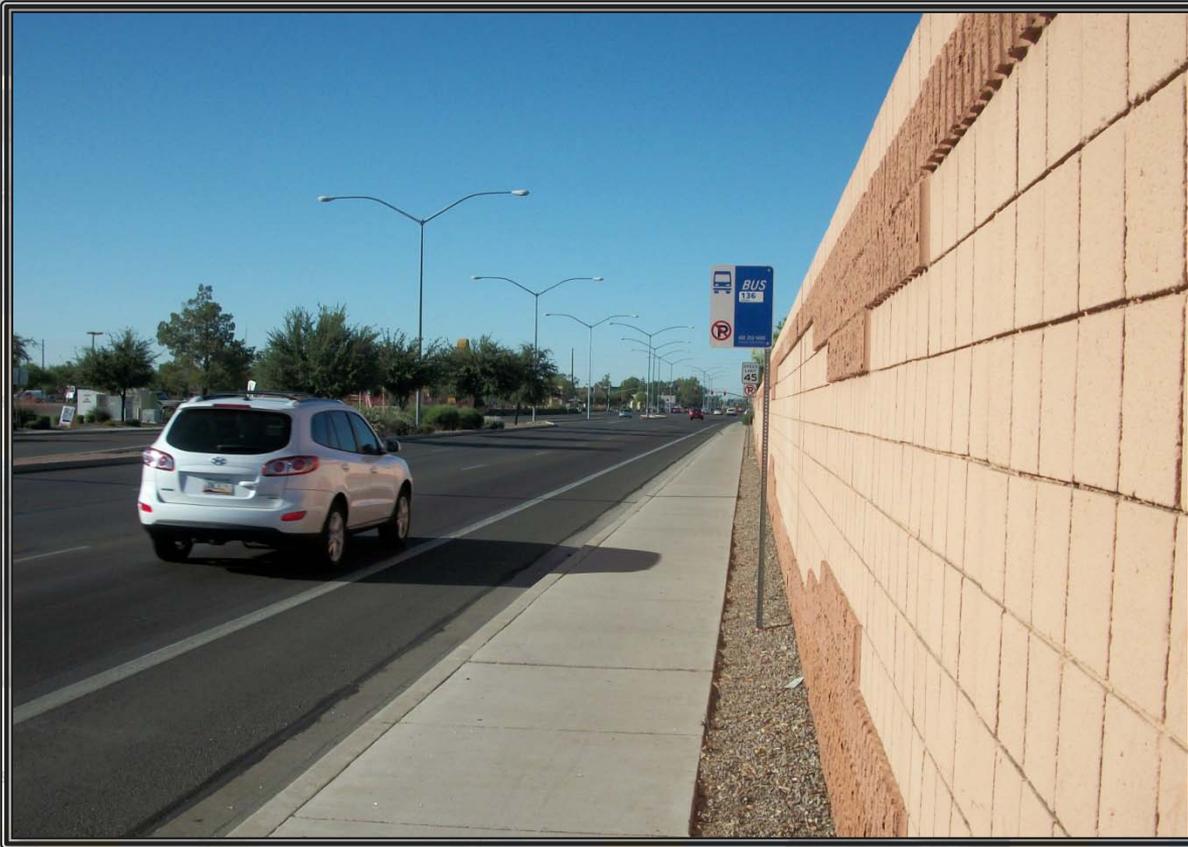
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- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



## TRANSIT CENTER PARK-N-RIDE

GILBERT TRANSIT CENTER



- Adjacent to Western Canal Trail
- Weather Protection
- Bike Lockers
- Restrooms

SYCAMORE TRANSIT CENTER



- Adjacent Bike Lanes
- Bike Lockers
- Weather Protection
- Restrooms

CHANDLER PARK-N-RIDE



- Priority Cameras
- Adjacent Bike Lanes
- Weather Protection

- ✓ Sidewalk
- ✗ No Adjacent Access to Neighborhood
- ✗ No Passenger Waiting area
- ✗ No Weather Protection

⊖ No Weather Protection

⊕ Bike Racks

⊕ Bike Lockers

# ACCESS & COMFORT INVENTORY

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- ⊕ Sidewalk
- ⊕ Adjacent Bike lane
- ⊕ Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Adjacent Land Use Access
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent to Western Canal Trail
- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊕ Access to Shade
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Security Cameras
- ⊕ Adjacent Bike Lanes
- ⊕ Weather Protection
- ⊕ Bike Lockers

# ACCESS & COMFORT INVENTORY

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- ⊖ Not ADA Accessible
- ⊖ No Sidewalks
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- + Sidewalk
- ⊖ No Adjacent Access to Neighboring Amenities
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection

- ✓ Sidewalk
- ✓ Access to Shade
- ✗ No Passenger Waiting Amenities
- ✗ No Weather Protection

## TRANSIT CENTER PARK-N-RIDE



- Adjacent to Western Canal Trail
- Weather Protection
- Bike Lockers
- Restrooms



- Adjacent Bike Lanes
- Bike Lockers
- Weather Protection
- Restrooms



- Priority Cameras
- Adjacent Bike Lanes
- Weather Protection

⊖ No Weather Protection

+ Bike Racks

+ Bike Lockers

# ACCESS & COMFORT INVENTORY

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## TRANSIT CENTER PARK-N-RIDE



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- ⊕ Sidewalk
- ⊕ Adjacent Bike lane
- ⊕ Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Adjacent Land Use Access
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent to Western Canal Trail
- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊕ Access to Shade
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Security Cameras
- ⊕ Adjacent Bike Lanes
- ⊕ Weather Protection
- ⊕ Bike Lockers

# ACCESS & COMFORT INVENTORY

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- ⊖ Not ADA Accessible
- ⊖ No Sidewalks
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighboring Properties
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



## TRANSIT CENTER PARK-N-RIDE



- Adjacent to Western Canal Trail
- Weather Protection
- Bike Lockers
- Restrooms



- Adjacent Bike Lanes
- Bike Lockers
- Weather Protection
- Restrooms



- Security Cameras
- Adjacent Bike Lanes
- Weather Protection

- ✓ Adjacent Land Uses
- ✓ ADA Accessible
- ✓ Weather Protection
- ✓ Bike Racks

⊖ No Weather Protection

⊕ Bike Racks

⊕ Bike Lockers

# ACCESS & COMFORT INVENTORY

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- ⊕ Sidewalk
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- ⊕ Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Adjacent Land Use Access
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent to Western Canal Trail
- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Sidewalk
- ⊕ Access to Shade
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊖ No Weather Protection



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Security Cameras
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# ACCESS & COMFORT INVENTORY

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## TRANSIT CENTER PARK-N-RIDE

GILBERT TRANSIT CENTER



- Adjacent to Western Canal Trail
- Weather Protection
- Bike Lockers
- Restrooms

SYCAMORE TRANSIT CENTER



- Adjacent Bike Lanes
- Bike Lockers
- Weather Protection
- Restrooms

CHANDLER PARK-N-RIDE



- Security Cameras
- Adjacent Bike Lanes
- Weather Protection

✓ Adjacent Bike Lanes

✓ Bike Lockers

✓ Weather Protection

✓ Rest Rooms

⊖ No Weather Protection

⊕ Bike Racks

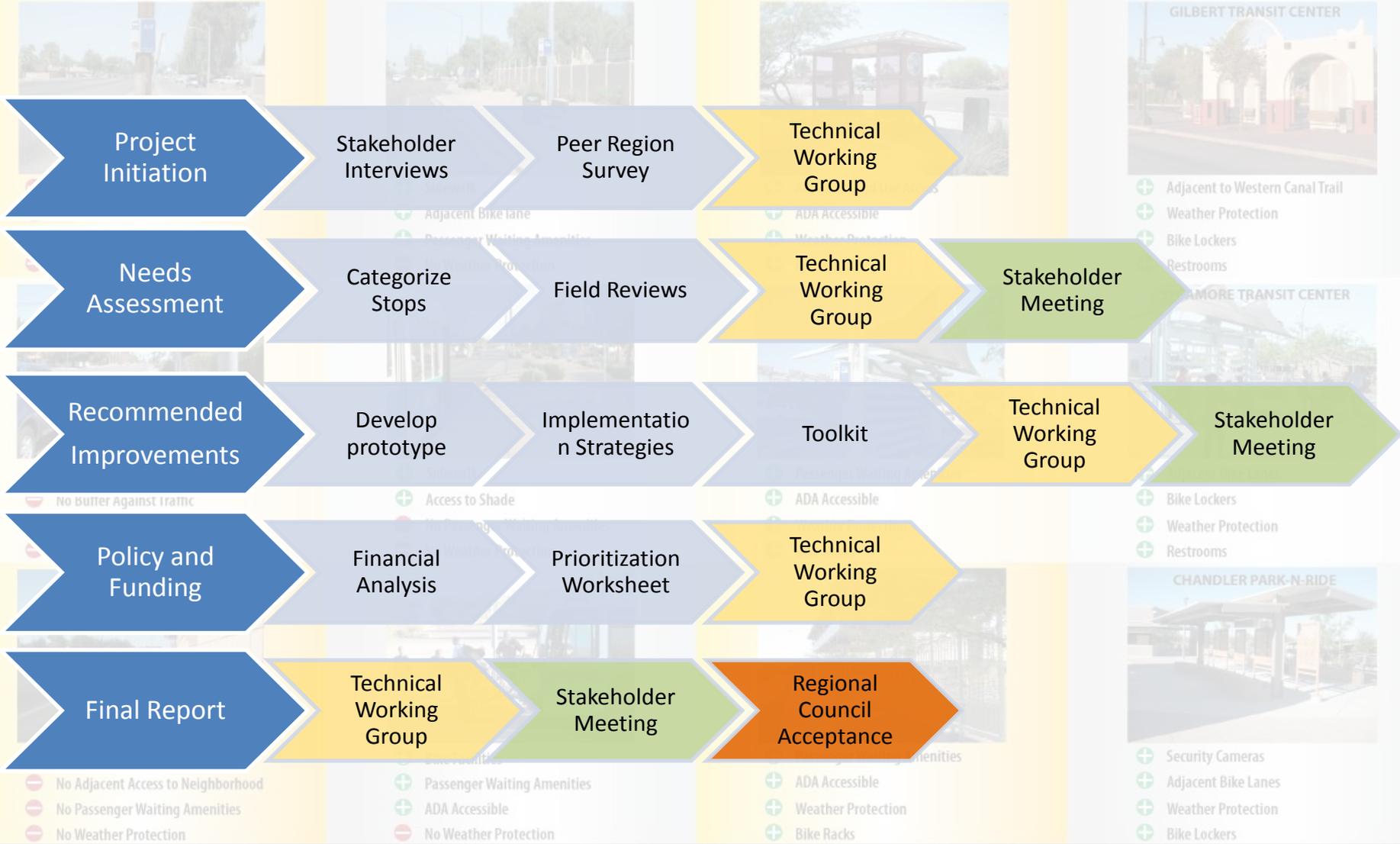
⊕ Bike Lockers

# Project Scope

LOW

MODERATE

TRANSIT CENTER  
PARK-N-RIDE



# Technical Working Group

LOW

MODERATE

TRANSIT CENTER  
PARK-N-RIDE



- ⊖ Not ADA Accessible
- ⊖ No Sidewalks
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection

Land Use  
and Zoning

- ⊕ Passenger Waiting Amenities

Bicycle

- ⊕ Weather Protection



- ⊕ Adjacent to Western Canal Trail
- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms

Safety



- ⊕ Sidewalk
- ⊖ No Buffer Against Traffic
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection

Pedestrian



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms

EPDT



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊖ No Weather Protection

Streets and  
Roadways



- ⊕ Passenger Waiting Amenities
- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



- ⊕ Security Cameras
- ⊕ Adjacent Bike Lanes
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# Technical Working Group

LOW

ACCESS & COMFORT INVENTORY

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TRANSIT CENTER  
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Land Use and Zoning

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Bicycle

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- ⊕ Adjacent to Western Canal Trail
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- ⊕ Sidewalk
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Safety

Pedestrian



- ⊕ Adjacent Bike Lanes
- ⊕ Bike Lockers
- ⊕ Weather Protection
- ⊕ Restrooms

EPDT

Streets and Roadways



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
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- ⊕ Bike Facilities
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- 
- **Timeline**
    - November 2011 – November 2012
  - **Technical Working Group**
    - Five (5) meetings
  - **Stakeholder Meetings**
    - Three (3) meetings
  - **Regional Council for approval**



Questions?

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