



# Designing Transit Accessible Communities

POPTAC COMMITTEE  
NOVEMBER 1, 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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- ⊕ 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



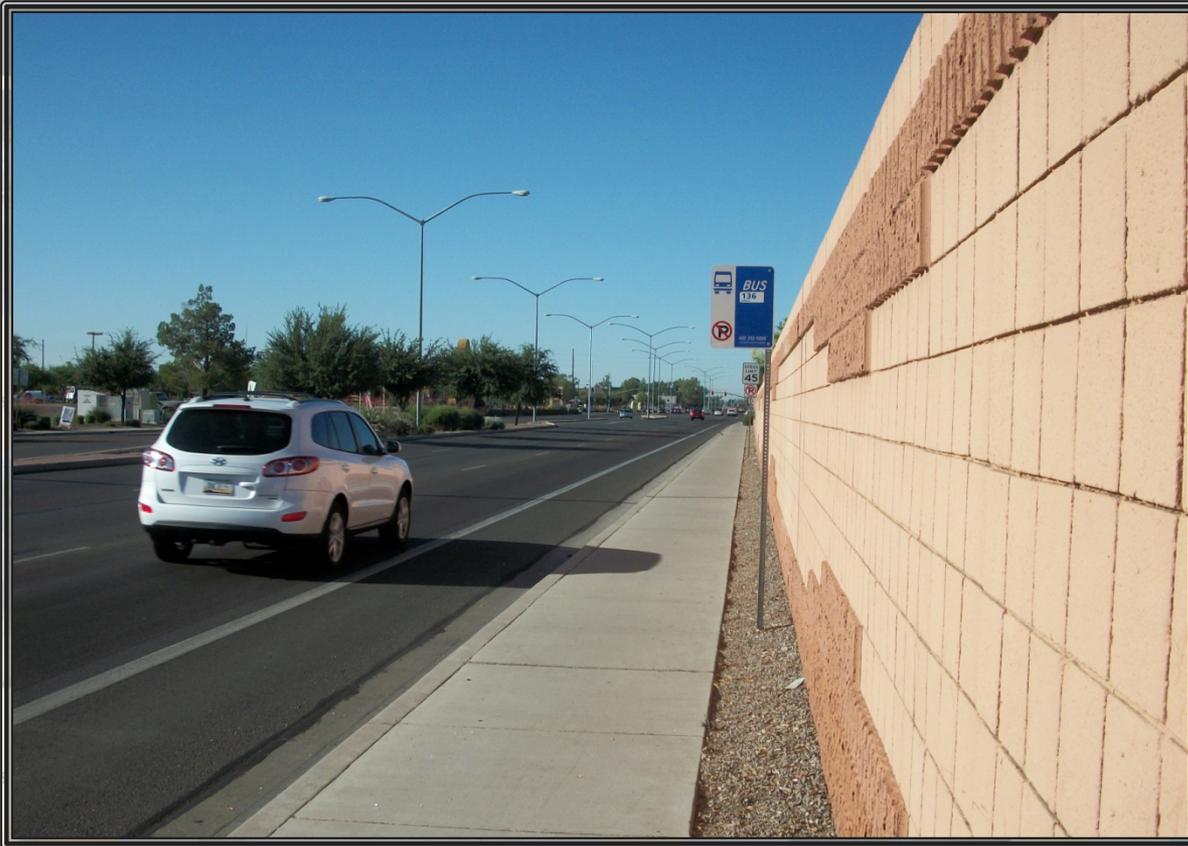
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- + Sidewalk
- ⊖ No Adjacent Access to Neighborhood
- ⊖ No Passenger Waiting Amenities
- ⊖ No Weather Protection



## 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

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



GILBERT TRANSIT CENTER

- ⊕ 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



SYCAMORE TRANSIT CENTER

- ⊕ 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



CHANDLER PARK-N-RIDE

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

# ACCESS & COMFORT INVENTORY

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- ⊖ 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

⊖ No Weather Protection

+ Bike Racks

+ Bike Lockers

## 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

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- ⊕ ADA Accessible
- ⊕ Weather Protection
- ⊕ Bike Racks



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



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- ⊕ 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



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



✓ Adjacent Land Uses

✓ ADA Accessible

✓ Weather Protection

✓ Bike Racks

⊖ No Weather Protection

+ Bike Racks

## 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

+ Bike Lockers

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- ⊕ Weather Protection
- ⊕ Bike Lockers
- ⊕ Restrooms



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- ⊕ ADA Accessible
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- ⊕ Bike Racks



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



- ⊕ Sidewalk
- ⊖ No Adjacent Access to Neighborhood
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## TRANSIT CENTER PARK-N-RIDE

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

CHANDLER PARK-N-RIDE



- Priority Cameras
- Adjacent Bike Lanes
- Weather Protection

- ✓ Adjacent Bike Lanes
- ✓ Bike Lockers
- ✓ Weather Protection
- ✓ Rest Rooms

⊖ No Weather Protection

+ Bike Racks

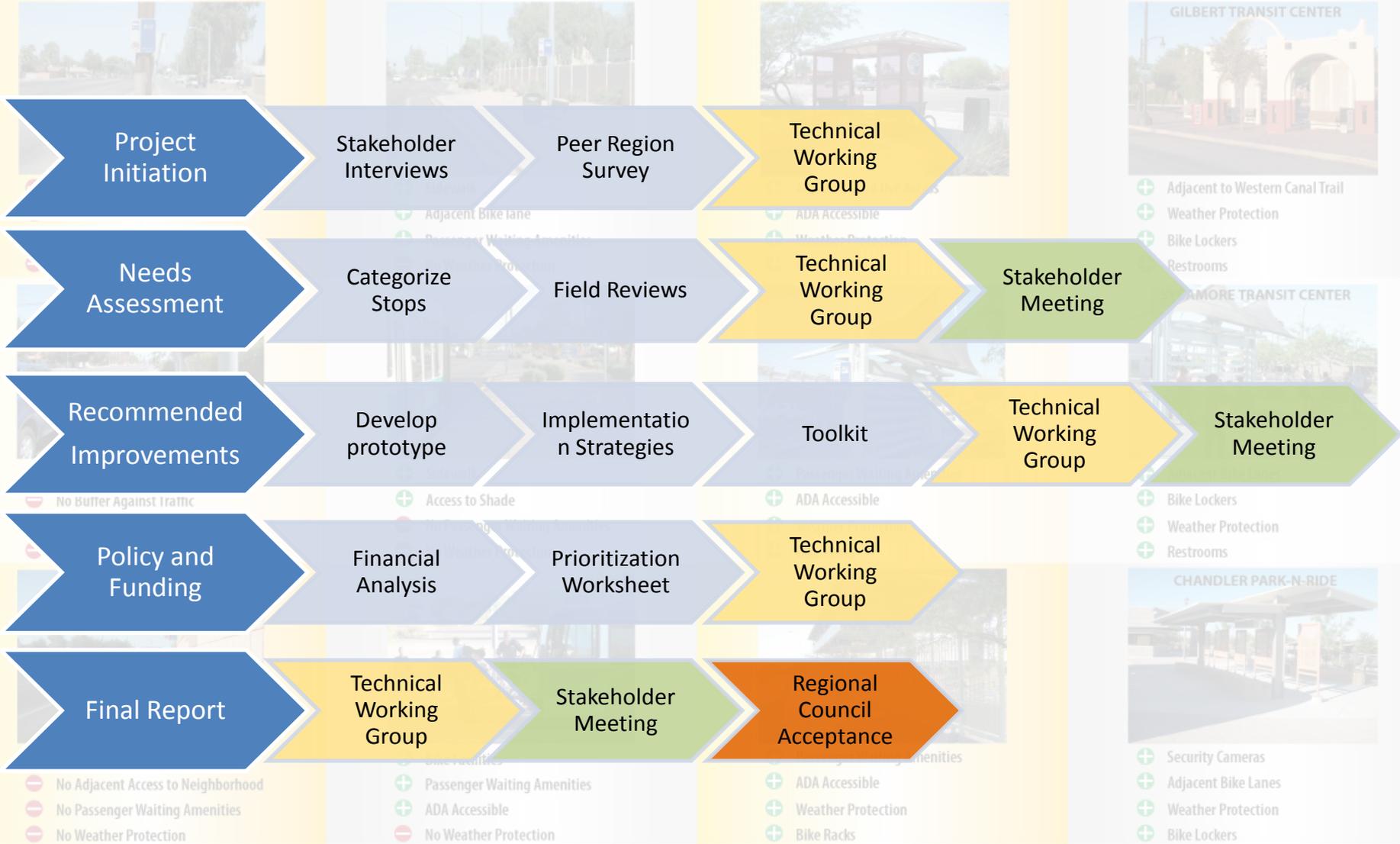
+ Bike Lockers

# 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

Pedestrian



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



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

Elderly and  
Disabled

Streets and  
Roadways



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



- ⊕ Bike Facilities
- ⊕ Passenger Waiting Amenities
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# Technical Working Group

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Land Use and Zoning

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Bicycle

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Safety

Pedestrian



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



- ⊕ Sidewalk
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Elderly and Disabled

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

Streets and Roadways

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



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- 
- A light blue bus with the number 6448 on its front is parked on a street. In the background, several people are gathered around bicycles, some of which are mounted on the bus's rear rack. The scene is set outdoors with palm trees and other vegetation visible in the distance.
- **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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