TEMPE TRANSPORTATION MASTER PLAN

Development Review Commission

May 13, 2014
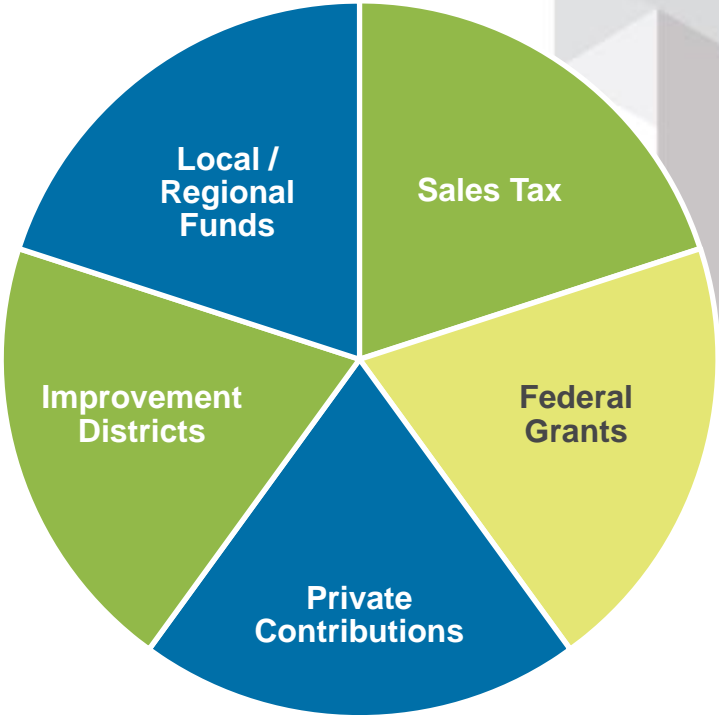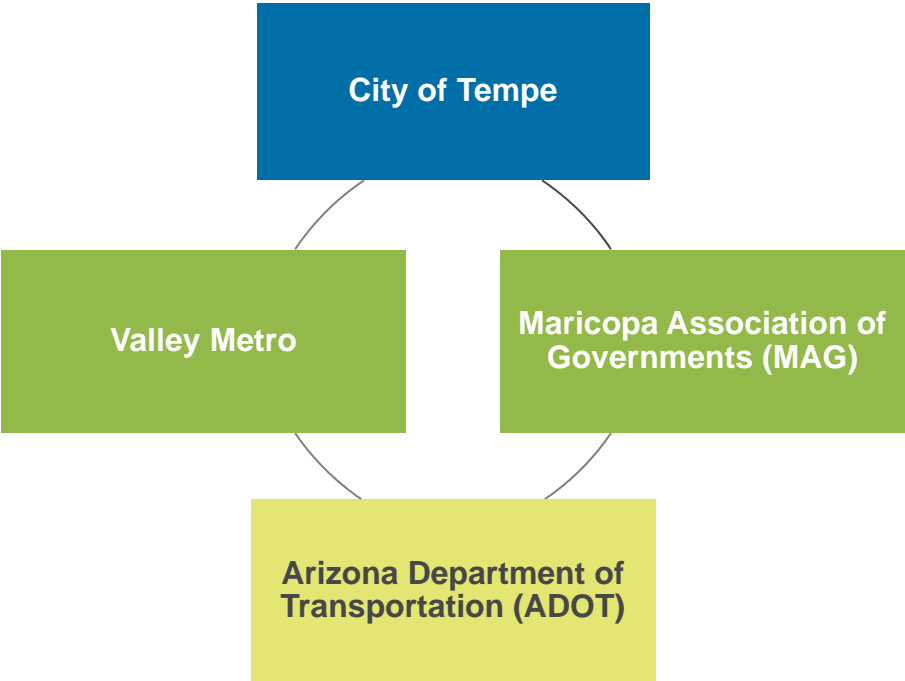
OVERVIEW
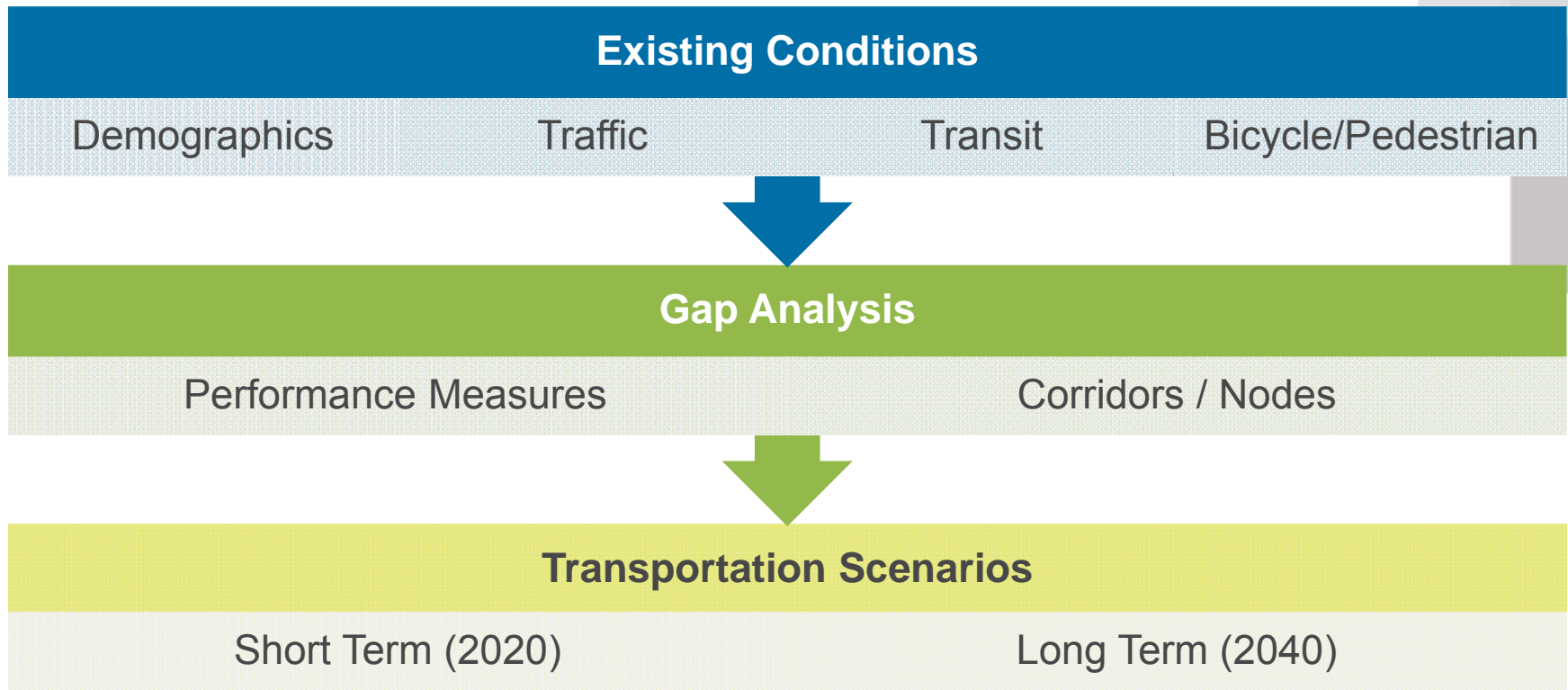
► Prepare a multi-modal transportation plan that sets a new level of mobility for Tempe

► The TMP will emphasize the following:

– Transportation linkages that emphasize mobility over capacity

– Connections between activity centers

– Priority corridors (roadway, transit, and bicycle/pedestrian)

– Multi-modal connections and transportation nodes

– Neighborhood vitality

– Optimization of existing transportation network

– Recommendations grouped by corridors

# WHERE DO TRANSPORTATION PROJECTS COME FROM?

START TO FINISH

Existing Conditions

Demographics   Traffic   Transit   Bicycle/Pedestrian

Gap Analysis

Performance Measures   Corridors / Nodes

Transportation Scenarios

Short Term (2020)   Long Term (2040)

2040 GENERAL PLAN

► Goals and policies for TMP will be derived from the Circulation element of the 2040 General Plan

► TMP will use land use assumptions from the 2040 General Plan

**Projected Land Use**
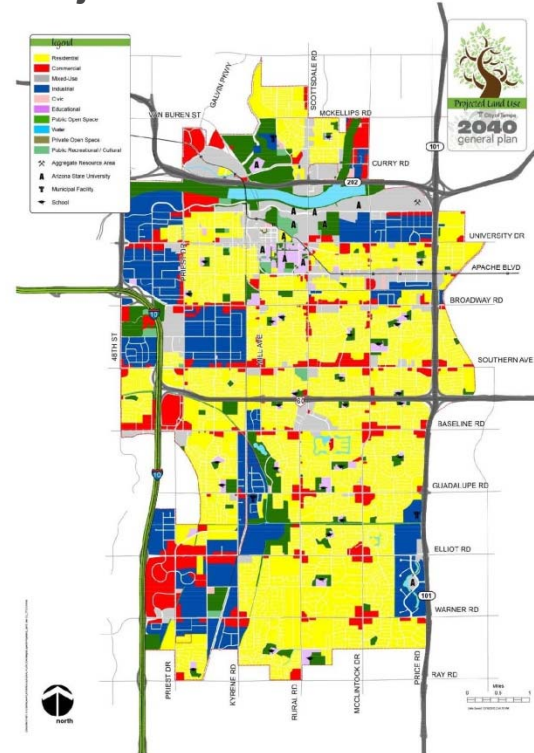
Land Use Hubs
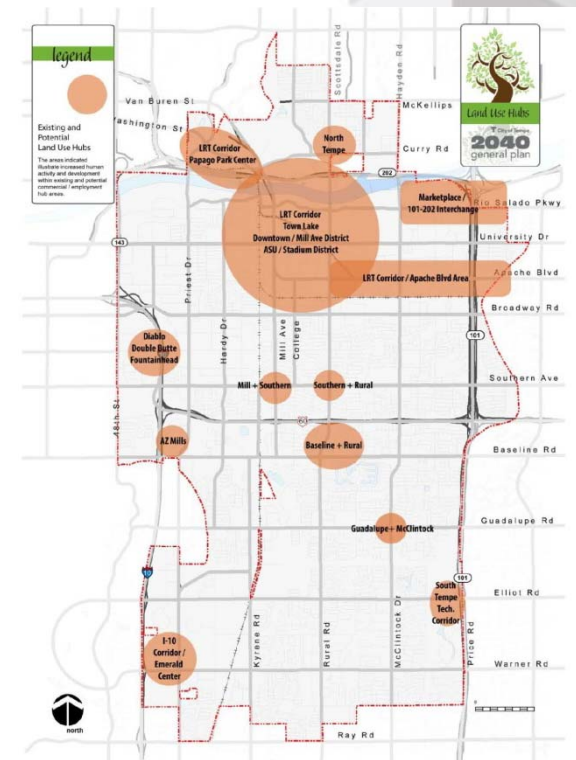
DEMOGRAPHICS

▶ Based on 2010 Census data and American Community Survey data

▶ Geographic information system (GIS) maps (based on density):

– Population and employment

– Race and ethnicity

– Households and zero car households

– Low income and persons with disabilities

– Population under 18 and over 65
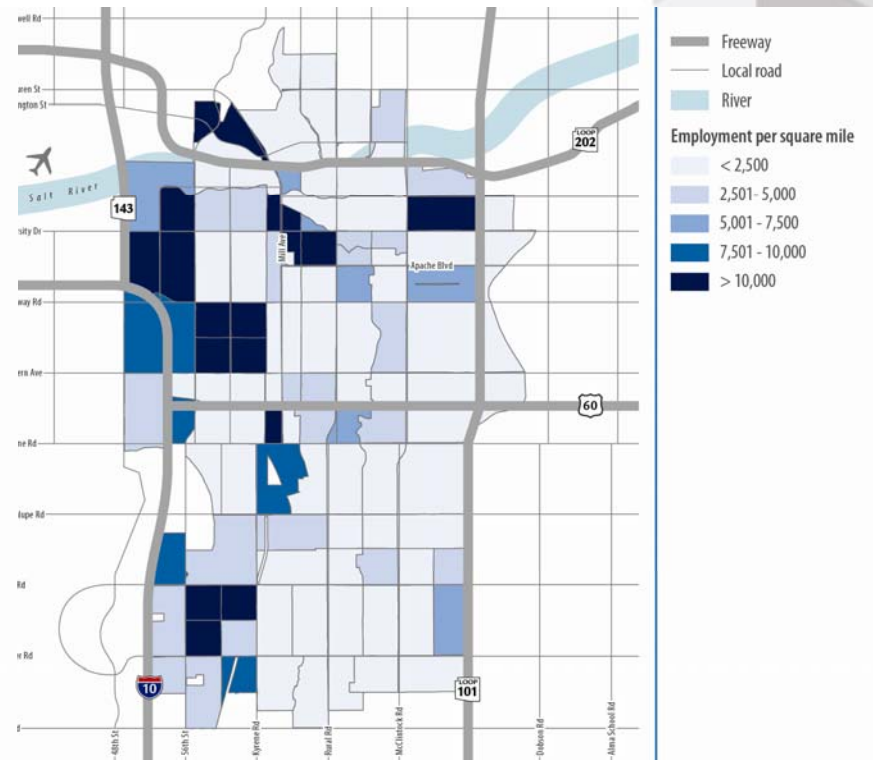
Example: Population Density
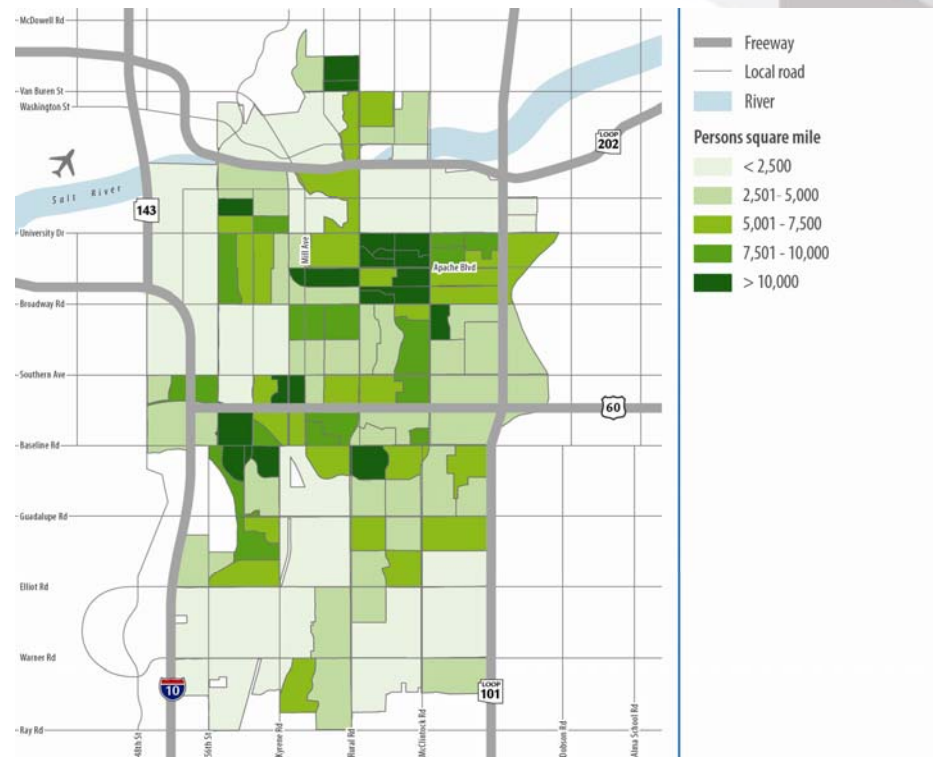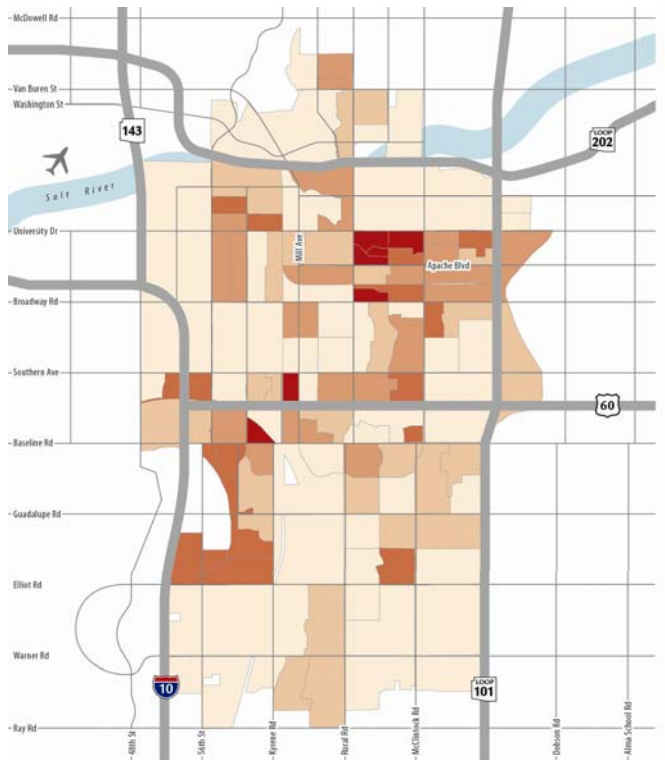
DEMOGRAPHICS
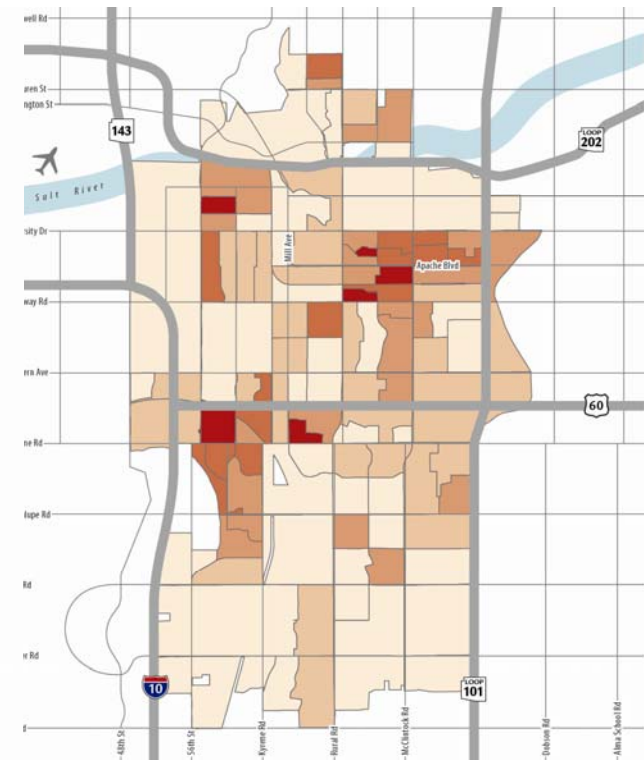
Population Density
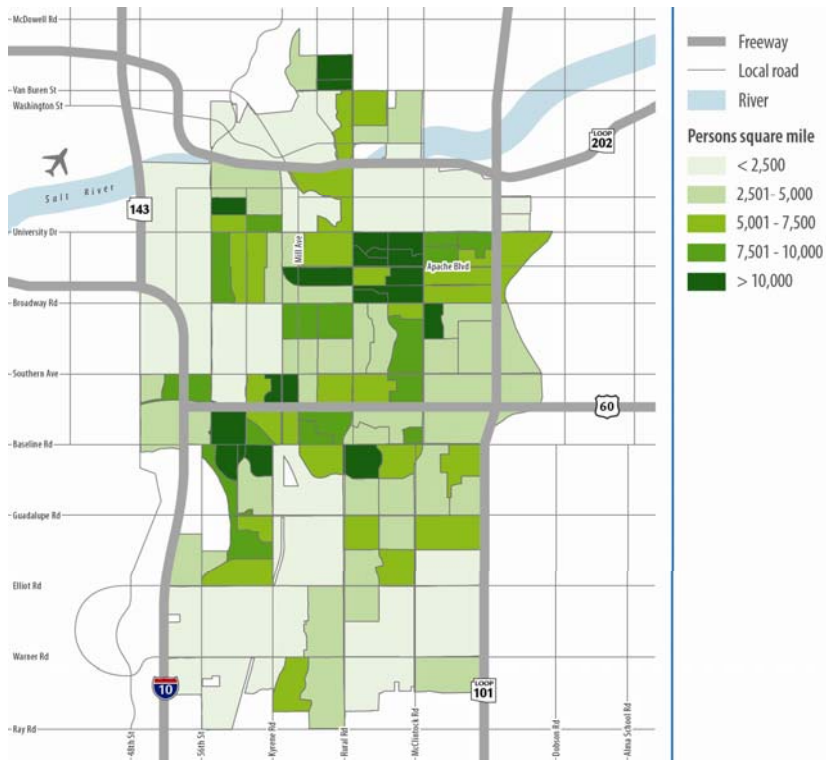
Employment Density

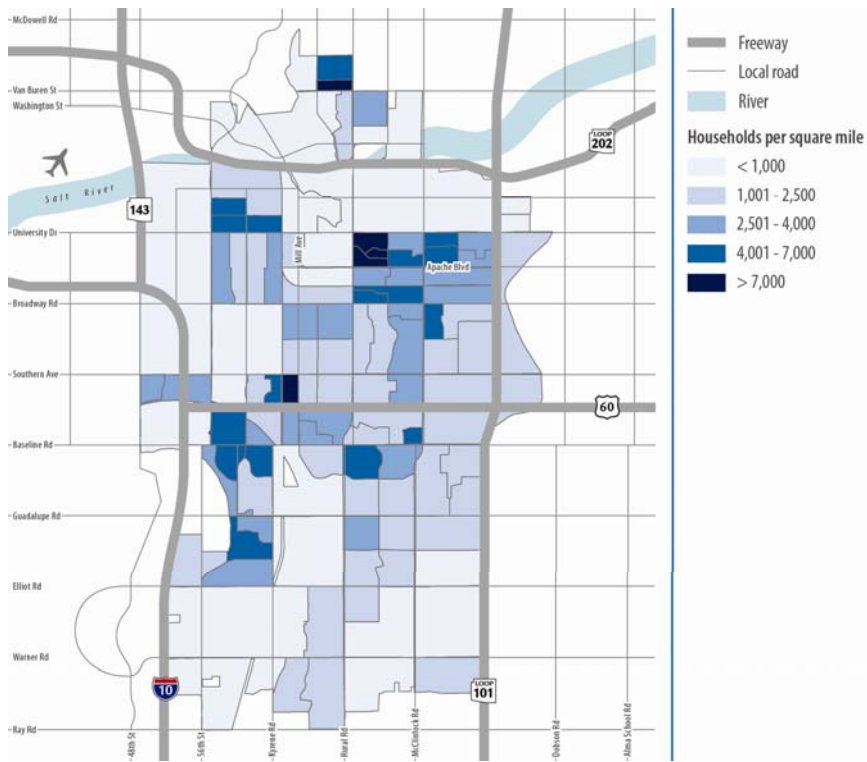# DEMOGRAPHICS

Minority Population Density
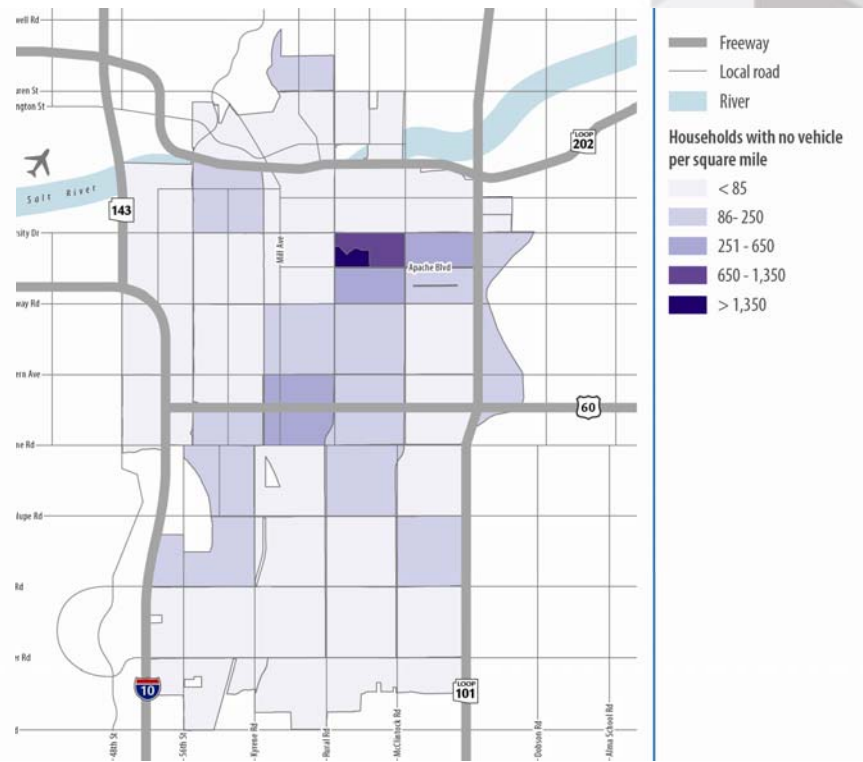
Hispanic Population Density

DEMOGRAPHICS
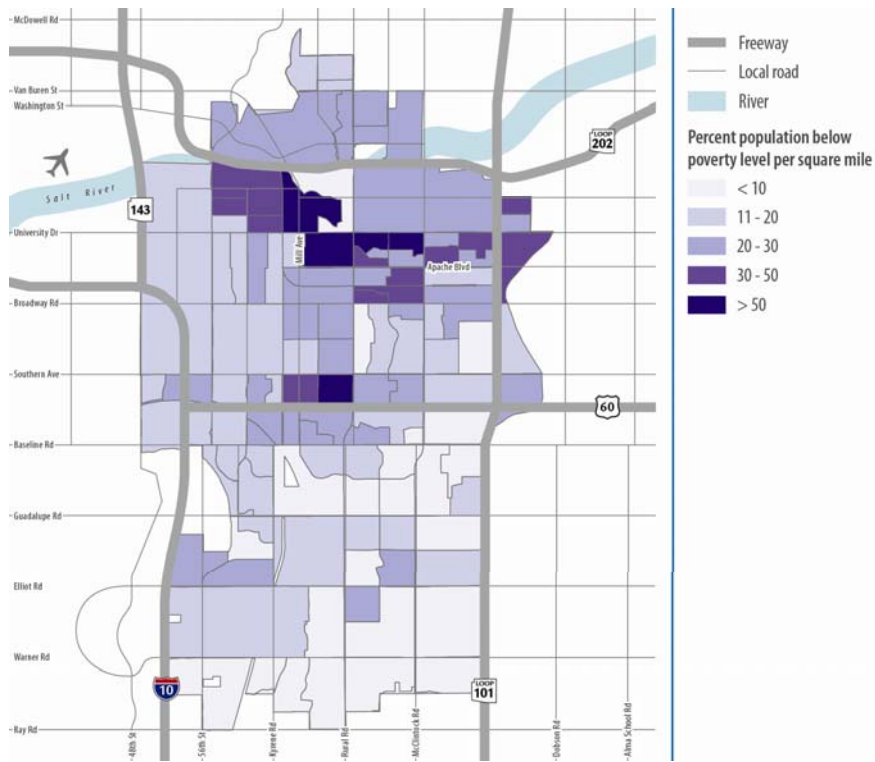
Household Density

Zero Car Household Density

DEMOGRAPHICS

Low Income Density

Persons with Disabilities Density
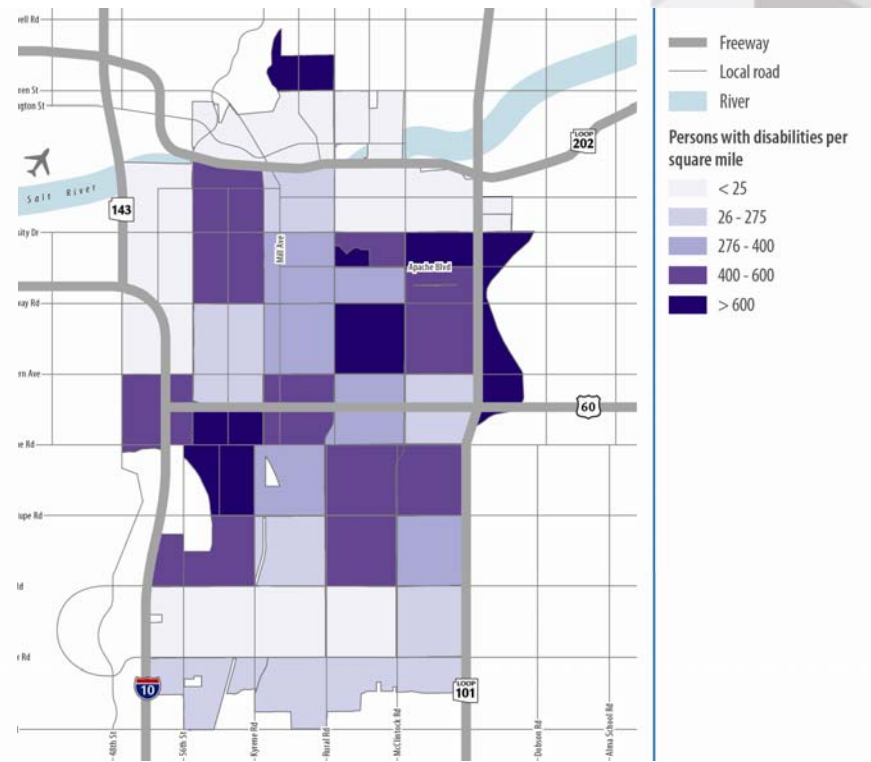
DEMOGRAPHICS

Population Under 18 Density
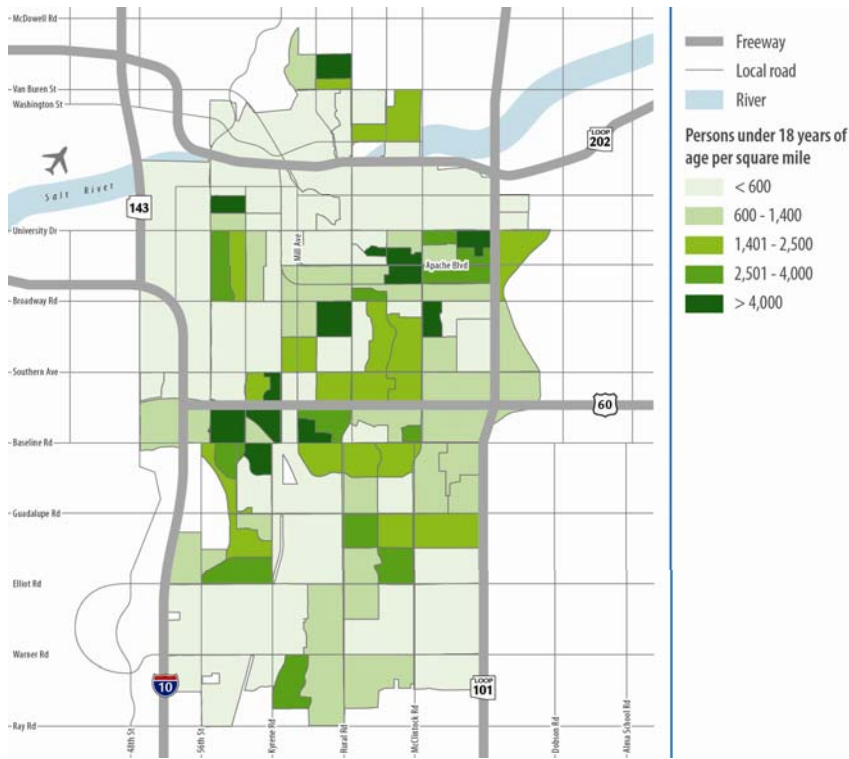
Population Over 65 Density
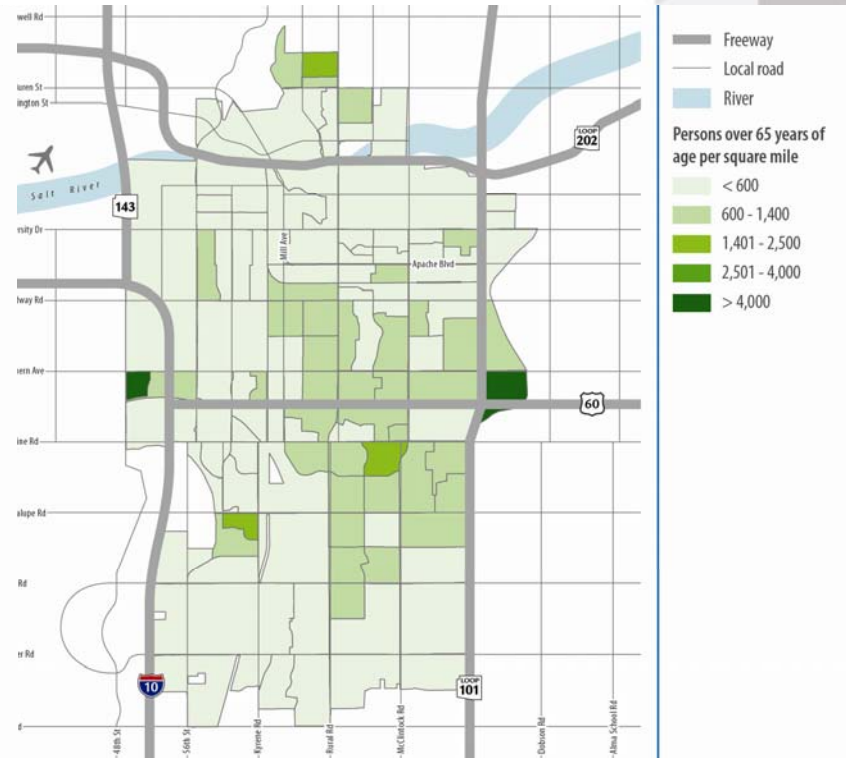
TRAFFIC

► Existing traffic conditions:

  – Street classification (from Circulation Element of 2040 General Plan)

  – Traffic counts (as available from the City of Tempe, MAG, and ADOT)

  – Crash data

  – Intelligent Transportation Systems (ITS) improvements

PREFERRED CONCEPT SHEET 1 OF 8
UNIVERSITY DRIVE BICYCLE & PEDESTRIAN IMPROVEMENTS PROJECT

Broadway Road
Section 2
10.11.13

TRANSIT

► Existing transit conditions:

– All transit modes (light rail, local bus, express bus, circulators, and paratransit)

– Transit routes, frequency, and service hours

– Transit facilities, including bus stops, transit centers, and park-and-rides

– Ridership (primarily focused on average daily boardings)

– Transit data provided by the City of Tempe and Valley Metro

BICYCLE / PEDESTRIAN

► Existing bicycle and
pedestrian conditions:

  – Bicycle and pedestrian
    routes and circulation
    patterns

  – Bicycle and pedestrian
    counts (as available
    from the City of
    Tempe, MAG, and
    Tempe Bicycle Action
    Group)

TRANSPORTATION SCENARIOS

► Transportation scenarios will identify priority corridors:

  – Arterial roadway corridors

  – Transit priority corridors

  – Active transportation corridors

  – Neighborhood corridors

► These improvements will be shown on the same map and not segmented
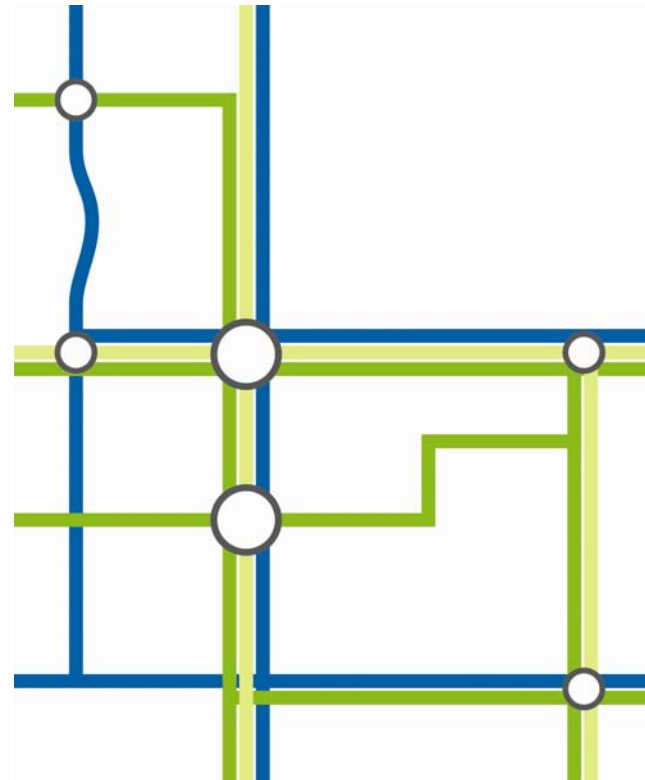
TRANSPORTATION SCENARIOS

Short Term (2020)	Long Term (2040)
Focuses on near term transportation improvements	Focuses on long term transportation improvements
Optimizes existing transportation network	Correlates to 2040 General Plan
Builds upon existing, planned, and programmed projects	Serves as build-out scenario
Identifies project list	Influenced by long term land use assumptions in 2040 General Plan
Includes cost estimates	Identifies project list
	Does not include cost estimates

SCHEDULE

► Highlights

– 3 transportation commission meetings

– 2 public meetings

April	May	June	July	Aug	Sept	Oct
• Transportation Commission	• Existing Conditions Report • Public Meeting		• Transportation Commission	• Public Meeting	• Transportation Commission	• Transportation Master Plan • City Council Adoption
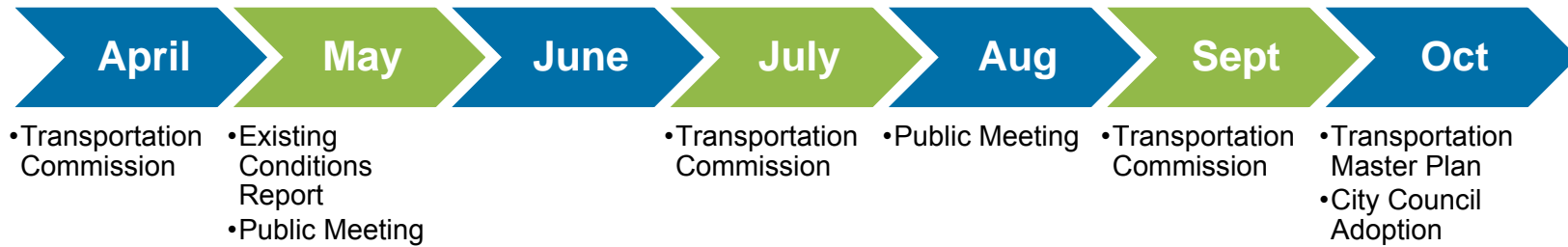
NEXT STEPS

► Complete Existing Conditions Report

  – May 2014

► Hold first Public Meeting

  – May 29, 2014, 6pm-8pm

    ► Tempe History Museum

    ► 809 E. Southern Avenue

  – May 31, 2014, 9am-11am

    ► Tempe Transportation Center

    ► 200 E. Fifth Street

Photo by Bill Timmerman

THANK YOU

QUESTIONS?