AGENDA ITEM IRS #4

DATE 3-29-01

Memorandum

City of Tempe

Tempe

Public Works Transportation

March 21, 2001

To: Mayor and Council

From: Glenn Kephart, Deputy Public Works Manager/Transportation (8205)

Through: Howard Hargis, Public Works Manager (8373)

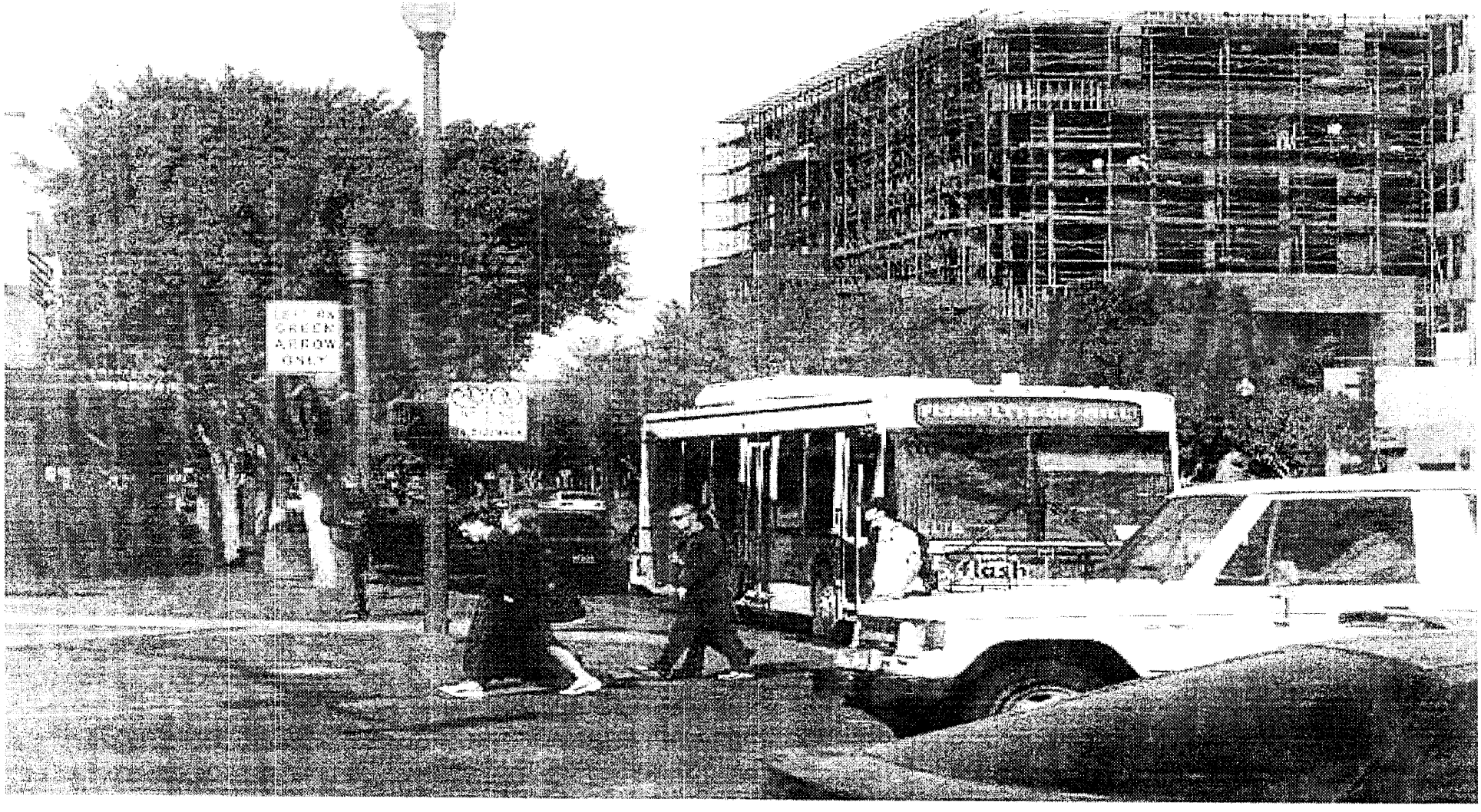
Subject: Comprehensive Transportation Plan Update
Issue review Session 3/29/01

Staff and representatives from the consulting firm of OTAK will be present at the March 29, 2001 IRS to provide an update and to discuss with The Mayor and council progress on the city's Comprehensive Transportation Plan. The focus of the update will include:

- Overview of purpose of the plan
- Synopsis of public involvement process
- Vision, mission and goals that have been developed, as a result of the public involvement process
- Synopsis of public input for University Drive specific area study
- Discussion of future items and schedule for plan completion

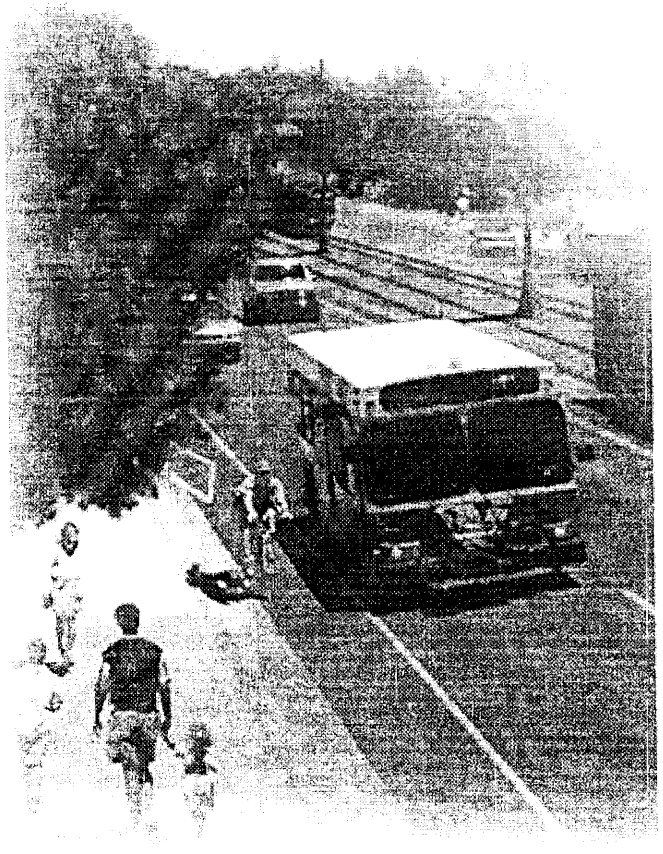
Attached is a copy of the PowerPoint presentation that staff will be prepared to present at the meeting.

Please call me at 8205 if you have any questions on this information.



What will Tempe's Transportation Options be in 2025?

Creating a Comprehensive Transportation Plan



Multi-Modal Emphasis:

- Opportunity to provide a progressive network of transportation options.

Link Between Transportation and Land Use:

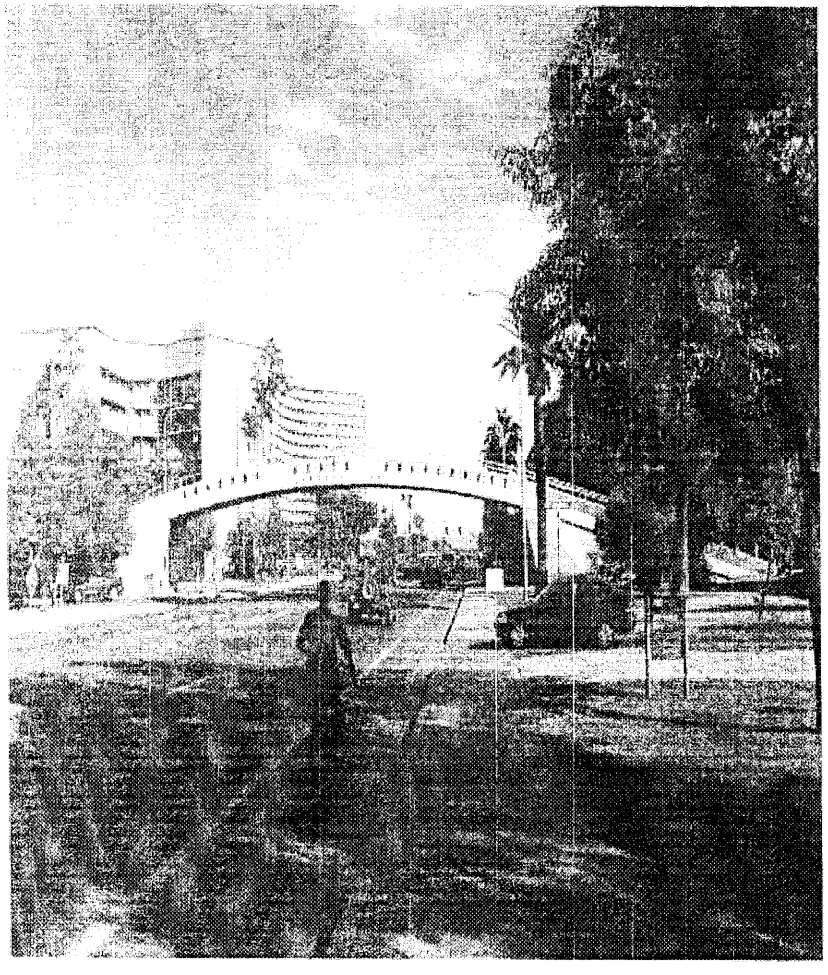
- Setting the stage for development that enhances City's quality of life.
- Preserving neighborhood characteristics

Creating a Comprehensive Transportation Plan

Link Between Transportation and Land Use:

- Encourage development of a balanced transportation system and pedestrian/transit oriented land uses throughout the entire city.
- Develop functional relationship between the diversity of land uses.

Creating a Comprehensive Transportation Plan



20-Year Plan:

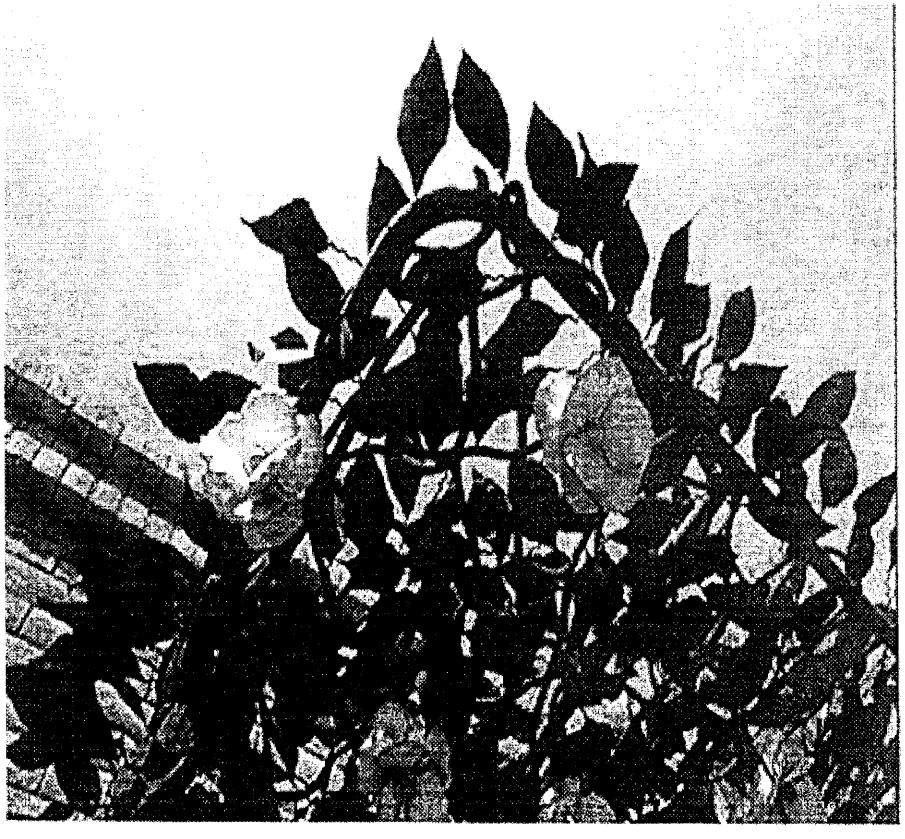
- Planning horizon year is 2025. Will mesh with MAG plans and models within that timeframe.

Part of the General Plan 2020:

- Will reference relevant elements of plan.
- Ensure that City plans and codes are "in sync."

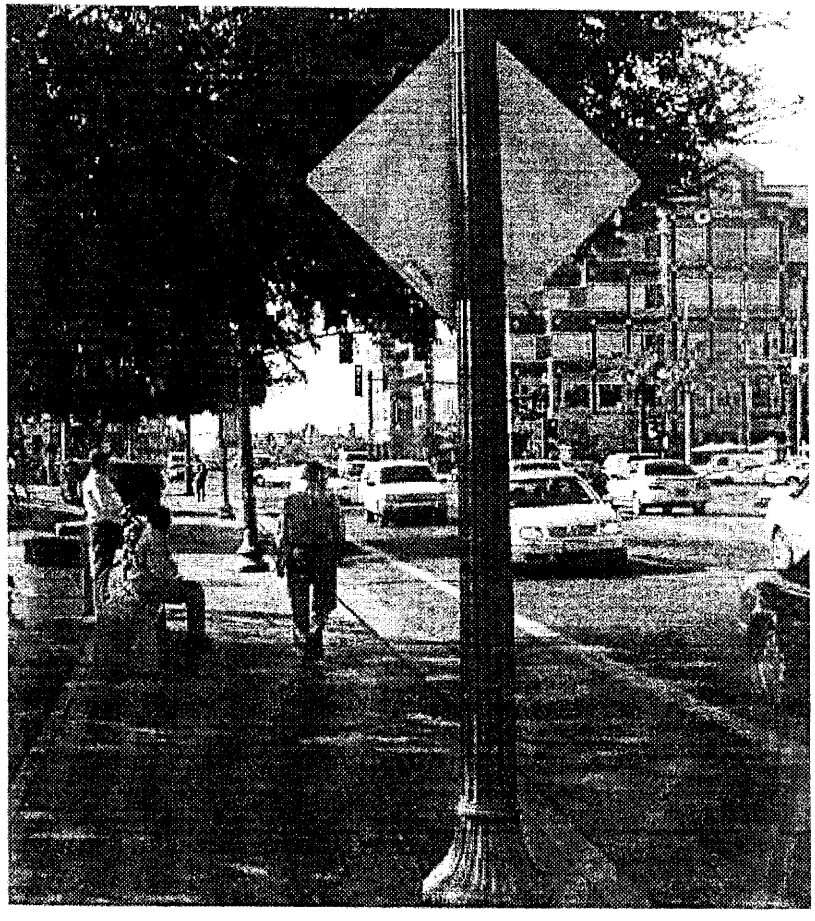
Policy Framework for the Plan

- Vision statement
- Sets the stage for all plan elements being developed
- Overall goal
- Objectives for each plan element



Plans Elements:

- Streets
- Transit
- Bike
- Pedestrians
- Art in Transportation
- Relationship to Land Use

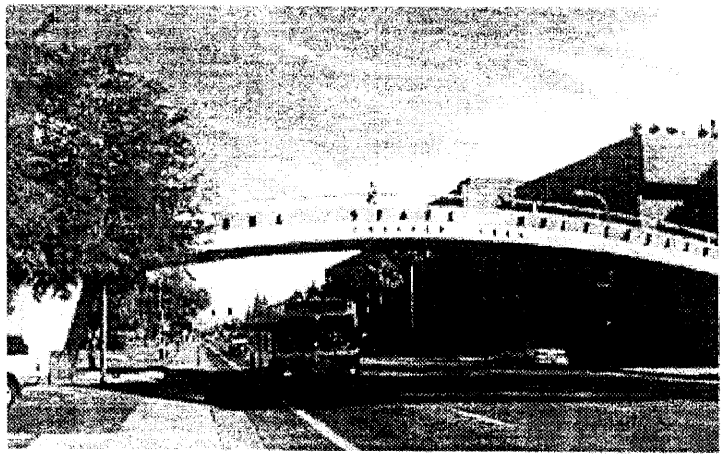


Corridor Plans and Design Concepts

- University Drive
- Rio Salado/Downtown
- Broadway Road
- Apache Boulevard/13th Street

Implementation Strategies (Plan Outcomes)

- Pedestrian Oriented Overlay District
- Intelligent Transportation Systems (ITS) Approaches
- Ordinance/Plan Revisions
- Citywide Parking Strategies
- Funding Opportunities Matrix



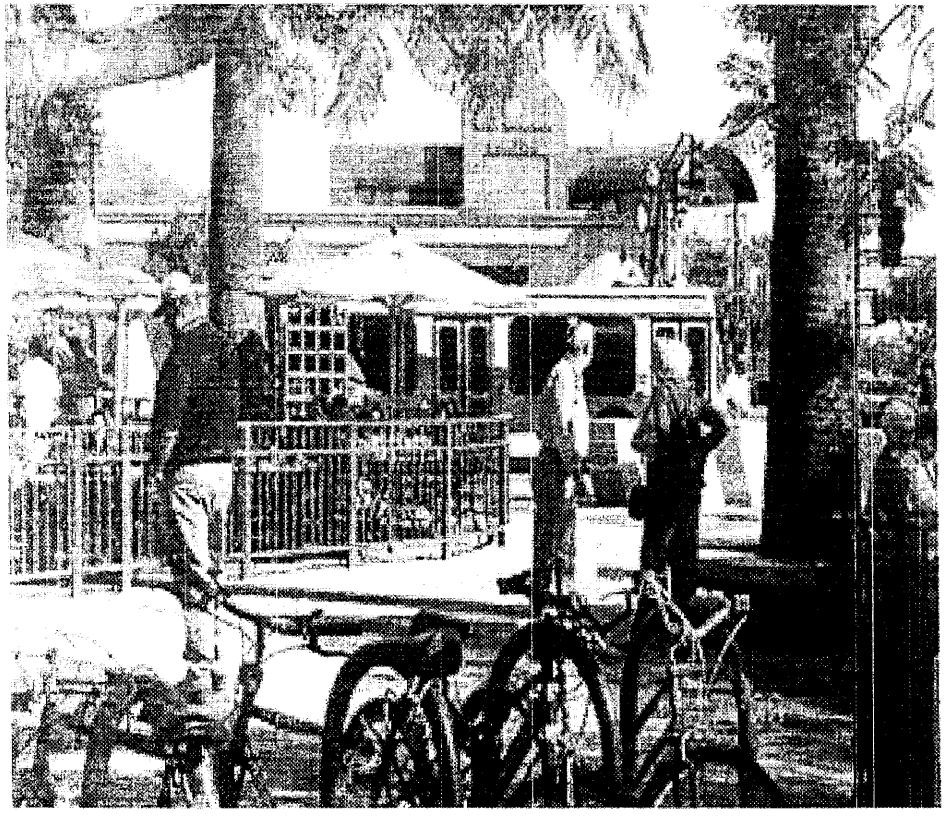
Public Involvement Program

- November 2000
  - Kick-off Comprehensive Plan Development process
- February 2001
  - University Drive Design Dialogue - week long workshop
- May 2001
  - Corridor Concept Design Workshops for
    - Rio Salado
    - Apache
    - Broadway
- Other Outreach Activities and Presentations

Vision Statement

Tempe…a vibrant city, with a safe, efficient, and balanced transportation system that provides mobility for all, promotes clean air, conserves energy, preserves neighborhood livability, and enhances the quality of life for our citizens and guests.

Overall Goal



In keeping with the City's mission to make Tempe the best place to live, work, and play, the Comprehensive Transportation Plan will integrate with land use policy to ensure that a safe, efficient, and balanced transportation system is developed to serve Tempe now and in the future.

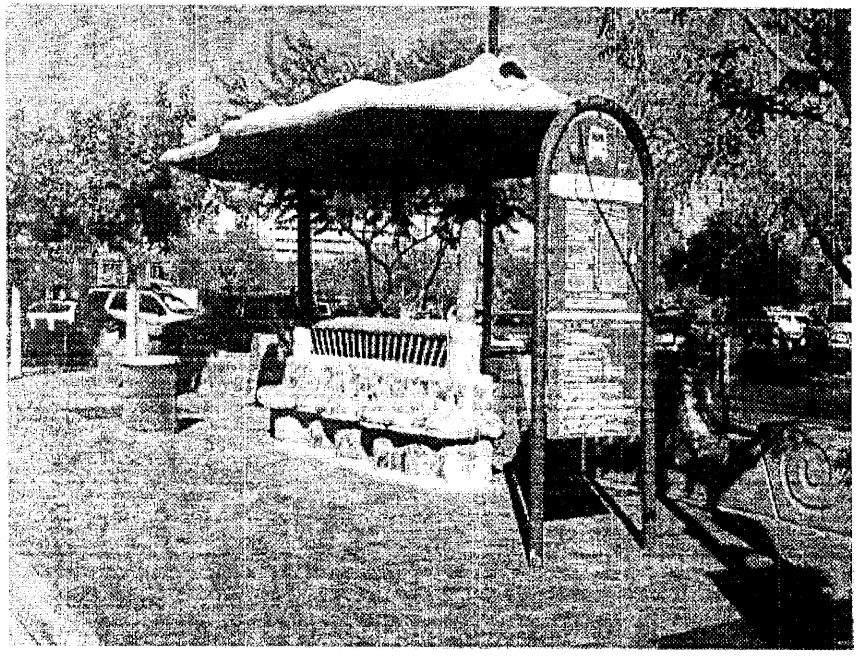
Measures of Success

The Tempe Comprehensive Transportation Plan will be a success when:

- The rate of single occupant vehicle miles traveled per capita within Tempe is at least reduced 20 percent by 2025.
- Transit trips as a percentage of all trips within Tempe at least double by 2025.
- All Tempe residents have access to fast and frequent (10 to 15-minute) transit service within a 5 to 10-minute walk of their home.

Measures of Success

The Tempe Comprehensive Transportation Plan will be a success when:



- One third of attendees use transit, bike, or walk to special events in Tempe.

- All Tempe neighborhoods have safe and convenient bicycle and pedestrian access to neighborhood schools, parks, shopping, and transit.

Measures of Success

The Tempe Comprehensive Transportation Plan will be a success when:

- Air quality "hot spots" are eliminated within Tempe, and the City contributes to maintaining overall regional air quality within attainment standards.

- A complete one-mile bikeway grid system is created.

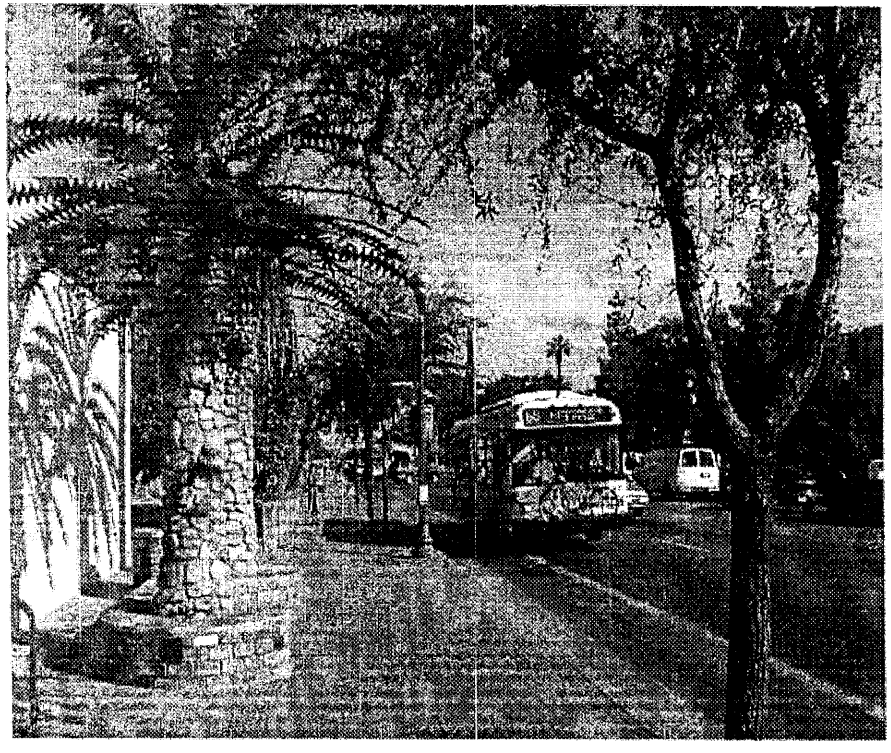
Measures of Success

The Tempe Comprehensive Transportation Plan will be a success when:

- A majority of Tempe residents feel that their community has an excellent transportation system that contributes to making Tempe the best place to live, work, and play.

Measures of Success

The Tempe Comprehensive Transportation Plan will be a success when:

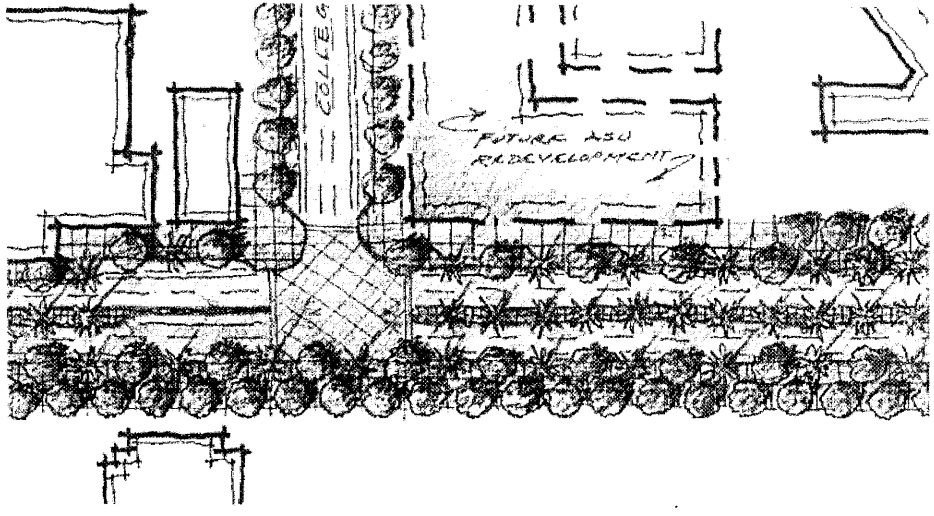


- Transportation improvements needed to implement Neighborhood Plans are in place by 2025.

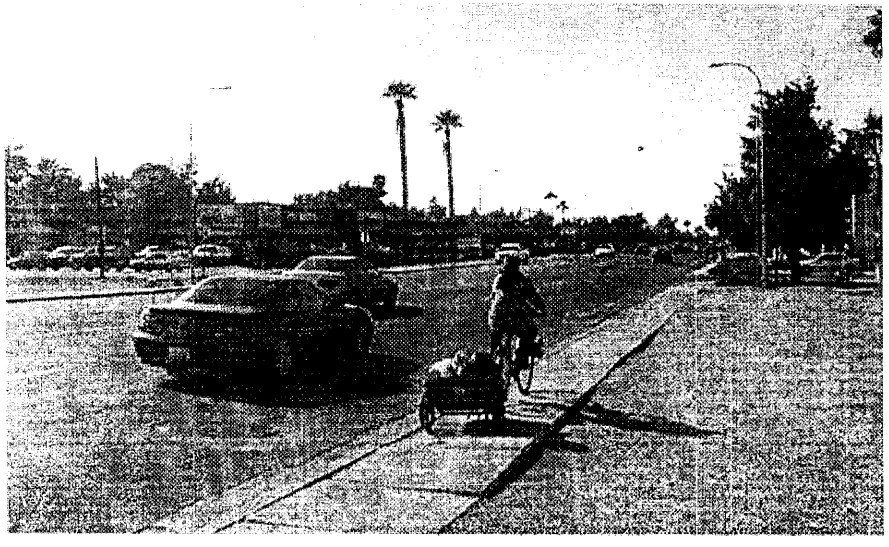
- All City codes and ordinances work together to balance transportation and land use, enhancing the quality of life in Tempe and supporting appropriate, sustainable economic development.

University Drive Design Dialogue

- Overview of the "Design Dialogue" process
- What we heard
  - Slow speed and calm traffic
  - Improve pedestrian and bicycle safety and access throughout the corridor
  - Create a "Main Street" character in downtown and other areas as appropriate
  - Encourage a mix of land uses in downtown



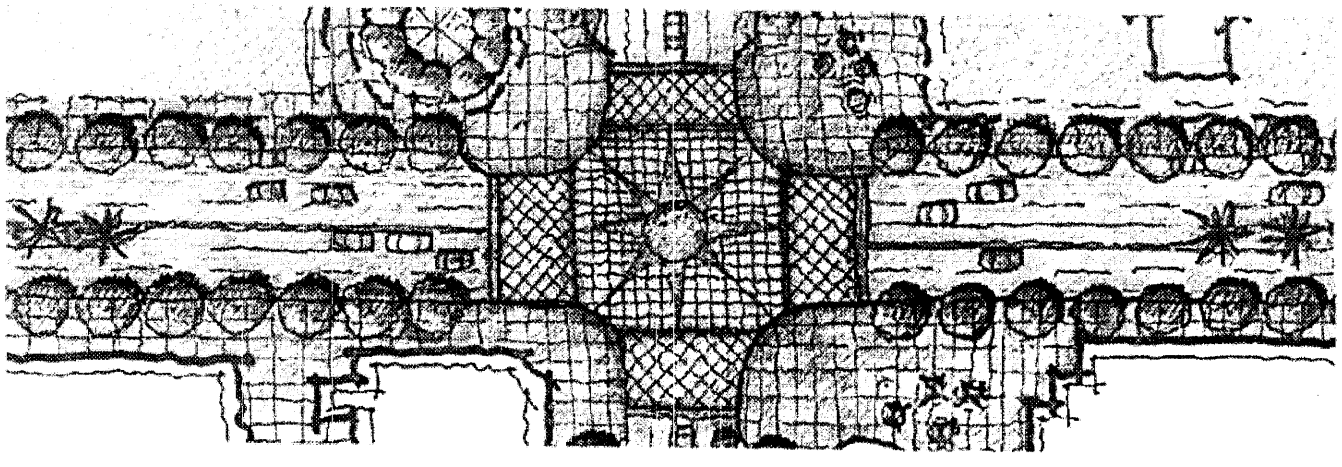
University Drive Design Dialogue



- What we heard(continued)
  - Provide on-street parking in downtown and other areas as appropriate
  - Consider the needs of all travel modes and provide improvements that respond to those needs
  - Provide separations and buffers between pedestrians and motor vehicle traffic.
  - Recognize and reinforce previous planning efforts

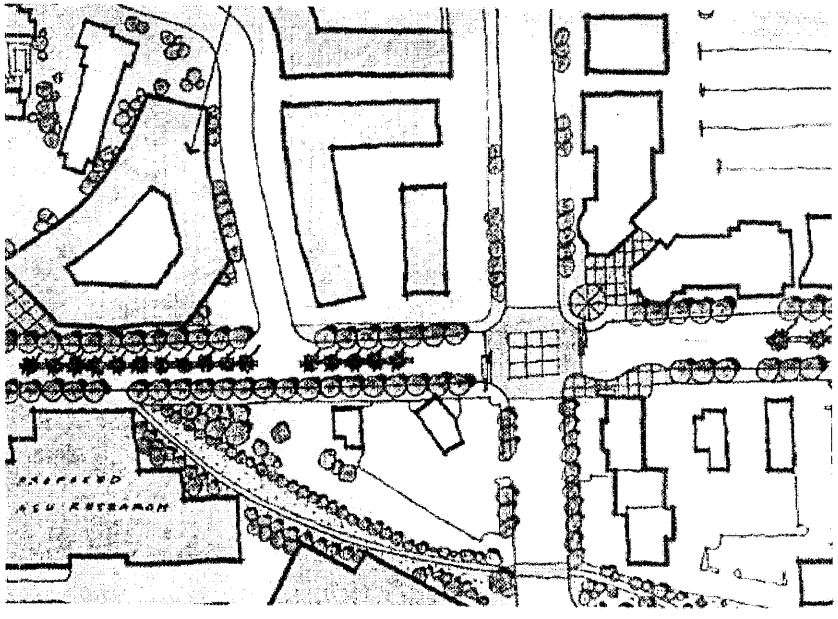
University Drive Design Dialogue

- What we heard (continued)
  - Provide design that meets accessibility and ADA requirements
  - Enhance school walking routes
  - Strengthen north-south bicycle and pedestrian connections, as well as motor vehicle connections to Rio Salado Parkway and freeways



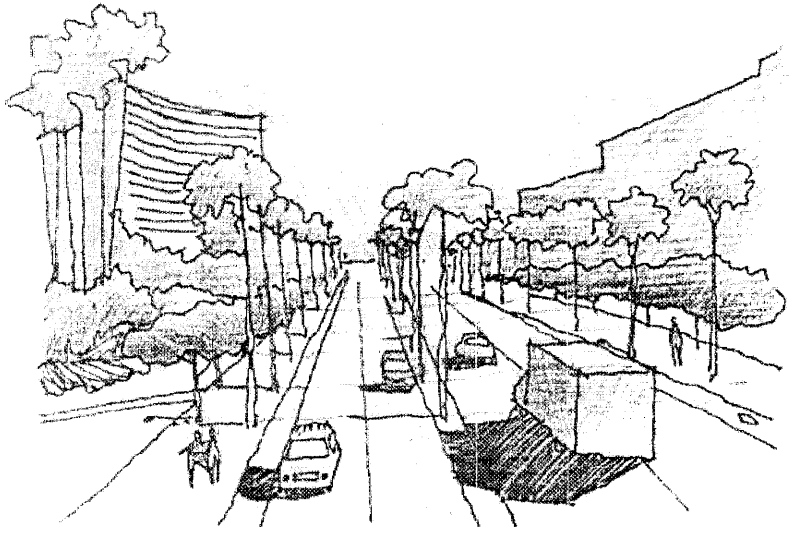
University Drive Design Dialogue

- What we heard (continued)
  - Consider regional growth implications on traffic patterns
  - Make it easy to get to downtown Tempe but discourage cut-through commuter traffic
  - Allow people to drive through, but not speed through downtown and campus



University Drive Design Dialogue - The Design Response

Create distinctive design character per segment:



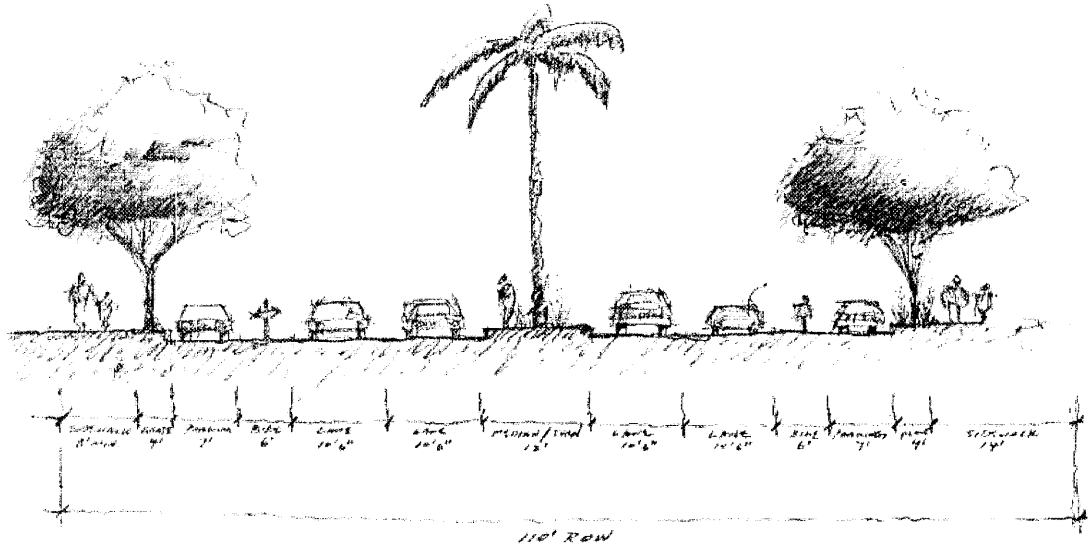
- Hohokam Freeway to Margo
  - Gateway to city; transitions from industrial to residential
- Margo to College
  - Residential character transitioning to downtown core
- College to Rural
  - Campus area "green" zone

University Drive Design Dialogue - The Design Response

Create distinctive design character per segment:

- Rural to McClintock
  - Residential character
- McClintock to Price
  - Character transitions from residential to industrial; gateway to city
- Price to Canal
  - Residential character

University Drive Design Dialogue - The Design Response



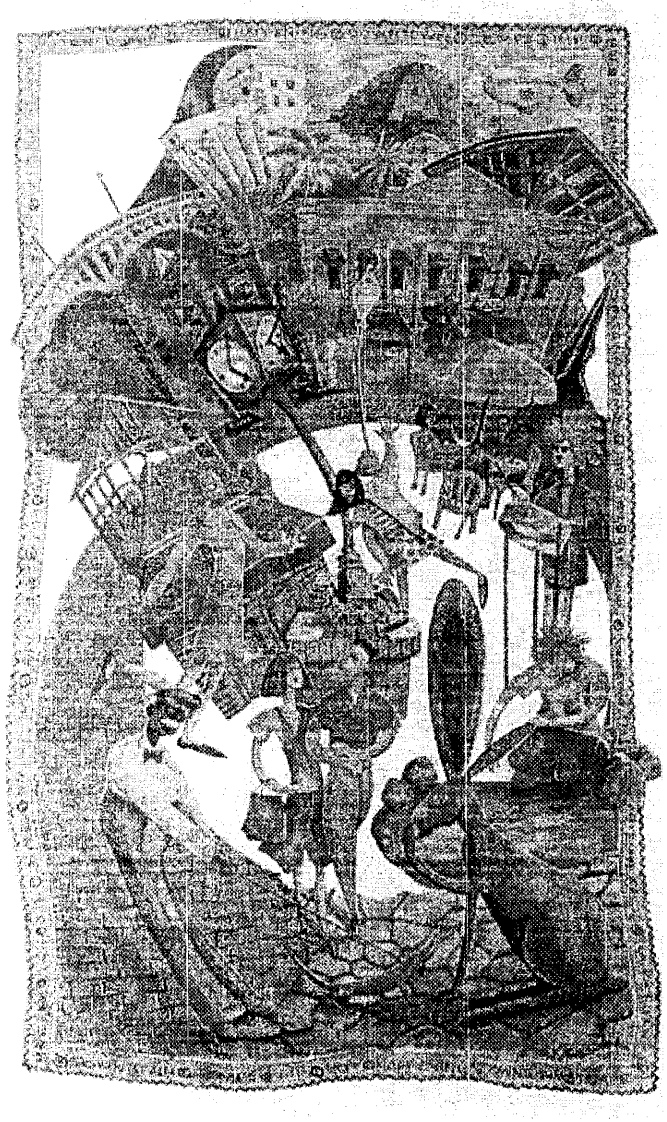
Preferred alternative for further study:

- Two travel lanes in each direction
- Center lane that transitions between planted medians, pedestrian refuges and left-turn pockets
- Bike lanes throughout
- Varying streetscape treatments per segment
- On-street parking in and near downtown
- Sidewalks throughout; widths vary per segment
- Crossing improvements and traffic calming treatments throughout

Schedule / Next Steps

Stage One: Discovery Phase	Schedule
Review Existing Information: Transportation, Land Use, and Economic	June 2000 - April 2001
Land Use and Economic Analysis	September 2000 - May 2001
Travel Demand Forecast Model	November 2000 - Summer 2001
Stage Two: Plan Development	**Schedule**
Comprehensive Transportation Plan Preparation	April 2001 - Early 2002
Multi-Modal Implementation Strategies	June 2001 - Early 2002
Corridor Concept Plans	Febuary 2001 - Early 2002
Develop Art in Transportation Plan Element	September 2000-Early 2002

How to Get/Stay Involved:



- City Contact
  - Robert Yabes
  - 480-350-2739
  - robert_yabes@tempe.gov
  - comprehensiveplan@tempe.gov
- Neighborhood/business groups
- Workshops
- Newsletters/mailings