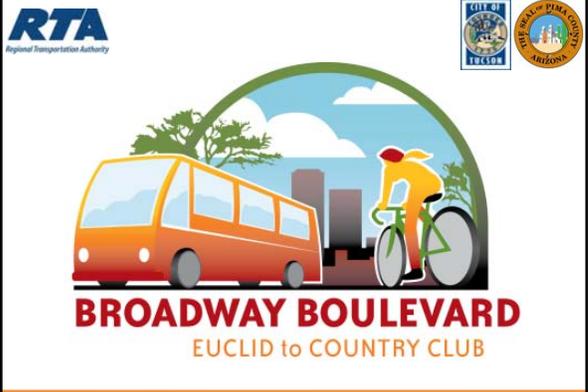


### Call to the Audience Guidelines

- 2 Call to the Audience opportunities
- Must fill out participant card
- Participants called in the order cards are received
- 3 minutes allowed per participant
- CTF Facilitator will call on speakers and manage time
- CTF members cannot discuss matters raised
- CTF cannot take action on matters raised
- CTF members can ask project team to review an item

**BROADWAY BOULEVARD**  
EUCLID to COUNTRY CLUB

April 30, 2014  
Broadway Citizens Task Force Meeting

### Meeting Agenda

1. Call to Order/Agenda Review/Announcements	5 min
2. Approval of CTF Meeting Summaries: February 25, February 27, March 6, and March 7	5 min
3. Recommendations from Staff Technical Advisory Committee and Upcoming Presentation to the Mayor and Council	20 min
4. Presentation: Water Harvesting and Green Streets	15 min
5. CTF Activity: Review/Discuss Revised 4-Lane and Revised 6-Lane Drawings and Vignettes for Addressing "Inspiration Points" at Key Points in the Corridor; Potential Approaches for Presentation at Public Open House	50 min
6. 1 <sup>st</sup> Call to the Audience	15 min
<b>10 MINS. BREAK</b>	
7. Public Input Report, and Reports on Project Presentations & Outreach	15 min
8. Discuss/Set Public Meeting #4 Date, Format, Presentation Materials, and Survey(s)	15 min
9. Discuss Standard Meeting Agenda Structure and Meeting Organization	15 min
10. 2 <sup>nd</sup> Call to the Audience	10 min
11. Next Steps/CTF Roundtable	15 min
12. Adjourn	



## 2. Approval of Meeting Summaries:

**February 25, 2014**  
**February 27, 2014**  
**March 6, 2014**  
**March 7, 2014 (late delivery)**



### 3. Recommendations from Staff Technical Advisory Committee and Upcoming Presentation to the Mayor and Council

**Jenn Toothaker Burdick**  
City of Tucson Department of Transportation



### Broadway Project has Reached a Critical Milestone

- Initial analysis of 4 alternatives complete
- Citizens Task Force (CTF) is making decisions/narrowing down alternatives
- Public Meeting #4 coming up – public will be informed and asked to provide input on decisions being made
- New RTA/City contract is contingent on ability to meet May 2016 construction deadline and policy parameters



### CTF Decisions at Charrette #3

- Table the 6+2T alternative for now
- Focus on refinements to the 4-lane and 6-lane/4+2T alternatives, seeking fewer impacts to properties and acquisitions
- Create design variations (vignettes) for how to address challenging areas identified by CTF;
- Illustrate possible infrastructure that can be built for transit in the 6-lane alternative; and,
- Create surveys and/or input opportunities for public on different topics.



### Key Issues Raised at Charrette #3

- Is 4-lane alternative really not an option? Why?
  - Decision will need to be supported by Mayor & Council, RTA Board, and Pima County
- Is a combo of 4-lane west of Campbell/6-lane east of Campbell on the table for consideration?
  - Future HCT not along Broadway, Euclid to Campbell?
  - Is 4-lane good enough for local service?
- What is the reality of a path from 6-lane to a 4+2T? What transit do we plan for 20+ years into future?
  - How do we address transit (from local bus all the way to light rail)?



### Steps for Defining Viable Alternatives

- **4/2 TAC Workshop** – Technical input to respond to questions of viable alternatives
- **4/30 CTF Meeting** – Share TAC feedback; Review requested refined alternatives; Formulate CTF recommendations
- **5/6 Mayor & Council Meeting** – Provide recommendations from CTF and TAC; request direction



### Technical Advisory Committee Workshop

- Staff representatives from a variety of departments and agencies  
(COT: CMO, Attorney's, OIP, Econ. Initiatives, TDOT, ParkWise, PDS; RTA; Pima Co. DOT)
- Data presented to CTF at Charrette #3 shared
- Obtained technical topic matter expert input
- Requested recommendations on what alternatives to eliminate and why, and what the Broadway project should focus time, efforts, and resources on moving forward



### Desired Outcome of TAC Workshop

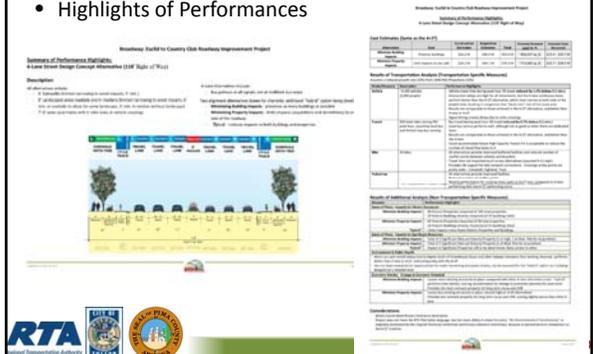
Consensus recommendation on the following question:

**“As a group of technical topic experts with a role in the way this project will be designed, built, and implemented/maintained, what do you recommend the Broadway Project should focus time, money and resources on, moving forward through planning and design?”**



### Alternatives Performance Summary Sheets

- Overviews of Each Alternative (incl. Sidewalk Only)
- Highlights of Performances



## Summary of TAC Recommendations by Alternative



### 6-Lanes (118' Right of Way)

**Staff Recommendation: Make this alternative the priority focus of project design now. Focus on how roadway could convert to a 4+2 dedicated transit lanes, as ridership and technologies warrant.**

- Creates enhanced benefit to automobiles
- Creates enhanced benefit to transit
- Could accommodate future High Capacity Transit
- Remnant properties are reasonably sized
- Fundable by RTA and Pima County



### 4+2T (118' Right of Way)

**Staff Recommendation: Focus on 6-lane design that could convert to a 4+2T dedicated lanes, when ridership and technologies warrant.**

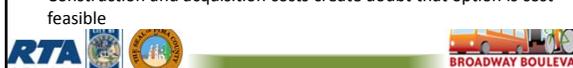
- Enhances transit, but creates congestion for automobiles
- Current and modelled transit service does not provide enough functionality to warrant reduction in auto lanes
- Congestion worse than for the 4-lane or existing
- No enhanced benefit to automobiles
- Not fundable by Pima County or RTA because solution creates no added functionality or benefit to auto-driving public (the majority of users on Broadway are in cars)
  - *Repayment of expenditures to date would be required by RTA and Pima County (~\$7M)*



### 6+2T (150' Right of Way)

**Staff Recommendation: Eliminate from consideration.**

- Benefits to automobiles and transit worse than the 6-lane
- Does not serve non-transportation specific measures well (e.g., Economic Vitality, Impacts to Historic and Significant Resources, Environmental / Public Health, and others)
- Does not really allow for building a roadway that relates well to existing context (context sensitive)
- Shallow lots restrict ability to attract future infill and businesses (also context sensitive)
- Low benefits to cost ratio, given that there are higher impacts and costs, but performance does not improve on a complementary scale
- Fundable by RTA and Pima County because meets the bond and ballot language
- Construction and acquisition costs create doubt that option is cost feasible



### 4-Lane (96' Right of Way)

**Staff Recommendation: Eliminate from consideration.**

- Does not accommodate future High Capacity Transit
- No enhanced benefit to automobiles
- No enhanced benefit to transit
- Not fundable by Pima County or RTA because solution creates no added functionality or benefit to auto-driving public (the majority of users on Broadway are in cars)
  - *Repayment of expenditures to date would be required by RTA and Pima County (~\$7 M)*
- Too far off from the project described in the 2 measures previously voted on (1997 Pima County Transportation Bonds; 2006 RTA Plan)
- Limits future economic vitality because it doesn't provide enough investment and visible; it is not a catalyst for a better economic future in the area
- Time and money spent on studying this further takes away from potential of other alternatives



### Sidewalk-Only (Existing Curb-to-Curb)

**Staff Recommendation: Example of what City would face if widening not undertaken now; staff recommendation is to avoid this situation.**

- Complies with 2013 joint US DOJ/DOT ruling regarding installation of ADA pathways and curb ramps when roadways are altered. If the City resurfaces the roadbed, it will trigger compliance. Such maintenance will be needed within the next 5-15 years. Roadway resurfacing would cost \$5-6 M more than above costs.
- No enhanced benefit to automobiles
- No enhanced benefit to transit
- Does not accommodate ROW for future High Capacity Transit
- Not fundable by Pima County or RTA because solution creates no added functionality or benefit to auto-driving public (the majority of users on Broadway are in cars)
  - *Repayment of expenditures to date would be required by RTA and Pima County (\$7 M)*



### Steps for Defining Viable Alternatives

- **4/2 TAC Workshop** – Technical input to respond to questions of viable alternatives
- **4/30 CTF Meeting** – Share TAC feedback; Review requested refined alternatives; Formulate CTF recommendations
- **5/6 Mayor & Council Meeting** – Provide recommendations from CTF and TAC; request direction
  - Any CTF members able/willing to attend?



### CTF Discussion / Decisions

- Poll: Are any CTF members available to attend the May 6 M&C Study Session (time to be determined; most likely afternoon)?
- Does CTF support tabling the following decision until after 1<sup>st</sup> Call to the Audience and Break:
  - Formulating CTF recommendations on alternative(s) to move forward to Mayor and Council and Public Meeting #4
- *Someone needs to make a motion to table this decision*



## 4. Water Harvesting and Green Streets

Catlow Shipek,  
Watershed Management Group

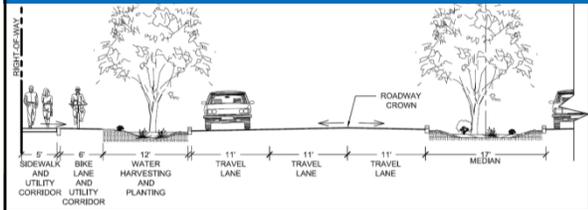


## Green Streets Active Practice Guideline

Catlow Shipek  
Co-founder & Sr. Program Manager  
Watershed Management Group



Watershed Management Group develops and implements community-based solutions to ensure the long-term **prosperity of people** and **health of the environment**. We provide people with the knowledge, skills, and resources for sustainable livelihoods.



## Green Infrastructure



www.watershedmg.org



### Advisory Committee

- Watershed Management Group
- Mayor's Office
- Tucson Dept. of Transportation
  - Landscape Architect
  - Hydrologist
- Wheat Scharf, Landscape Architectural Firm
- Stantec, Engineering Firm
- Tucson Office of Conservation and Sustainability



Read it: [watershedmg.org/policies](http://watershedmg.org/policies)

### Green Streets Active Practice Guideline

ADOPTED BY THE  
MAYOR AND COUNCIL

August 6, 2013

RESOLUTION NO. 22116

RELATING TO TRANSPORTATION; AUTHORIZING AND APPROVING THE ADOPTION AND IMPLEMENTATION OF THE GREEN STREETS POLICY FOR THE TUCSON DEPARTMENT OF TRANSPORTATION; AND DECLARING AN EMERGENCY.



### Green Streets Active Practice Guideline

*Applies to new city road construction and reconstruction*

#### Performance Goals

- Stormwater to be directed through GI before entering storm drains
- Landscape areas to retain  $\geq \frac{1}{4}$ " of rain on public right-of-way
- Landscape plantings must meet coverage metrics to provide canopy shade and ground cover
- Landscape within 5 years to survive on harvested rainwater

- And, planning process requires coordination and identification of potential GI features at the very start.



### Issue: Urban Heat Island




### Issue: Sustaining Urban Forests

According to American Trees, a 25% Canopy Cover

Where is Tucson?

2% - 10%



[www.watershedmg.org](http://www.watershedmg.org)



### Issue: Increased Runoff and Flooding



[www.watershedmg.org](http://www.watershedmg.org)



### Issue: Non-Point Source Pollution



### Issue: Water Conservation



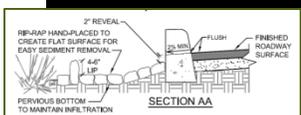
### Issue: Bike and Pedestrian Enhancements



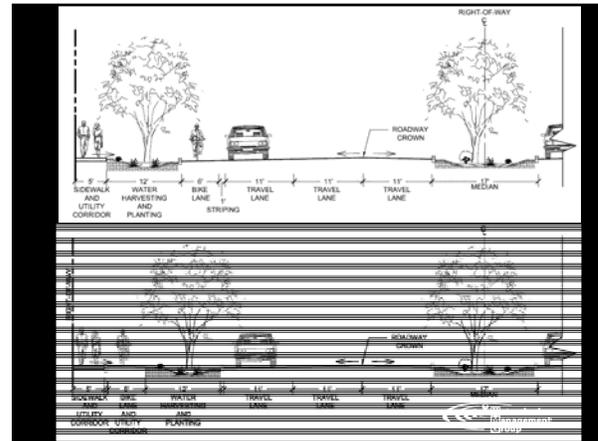
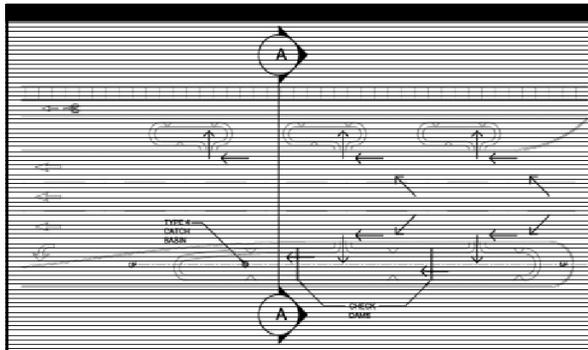
#### City of Tucson Green Streets Suggested Technical Best Practices

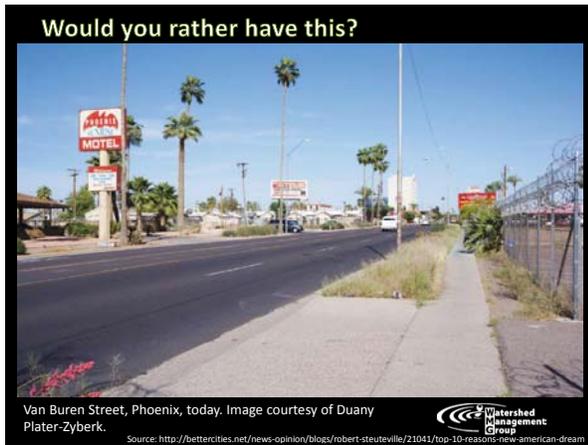
DRAFT

2.4. Sediment traps. A sediment trap will be constructed at the initial flow inlet of any landscape retention feature accepting flow off the street. The sediment trap will be designed to slow the concentrated inflow of water sufficiently to allow particles (one inch or larger) to settle in the constructed sediment trap.



Published December 2013 by: Watershed Management Group





Download your free copy at [watershedmg.org/green-streets](http://watershedmg.org/green-streets)

**Green Infrastructure for Southwestern Neighborhoods**

**Watershed Management Group**  
Version 1.2  
Revised October 2012

**5. CTF Activity: Review/Discuss Revised 4-Lane and Revised 6-Lane Drawings and Vignettes for Addressing “Inspiration Points” at Key Points in the Corridor; Potential Approaches for Presentation at Public Open House**

**Jenn Toothaker Burdick**  
Project Manager, Tucson Department of Transportation

**Mike Johnson**  
HDR

**Phil Erickson**  
Community Design + Architecture

**4-Lane Refined**

- Avoid impacts to Rincon Heights historic contributor properties and buildings

**4-Lane Refined**

- Balance avoiding potential historic contributor buildings and minimizing property impacts to the east of Campbell

### 4+2T/6-Lane Refined

- **Base** avoid impacts to Rincon Heights historic contributor properties and buildings
- **Variation A** impacts more properties to north to reduce impacts to Miles School
- **Variation B** avoids impacts to Miles School and impacts Rincon Heights historic contributor buildings

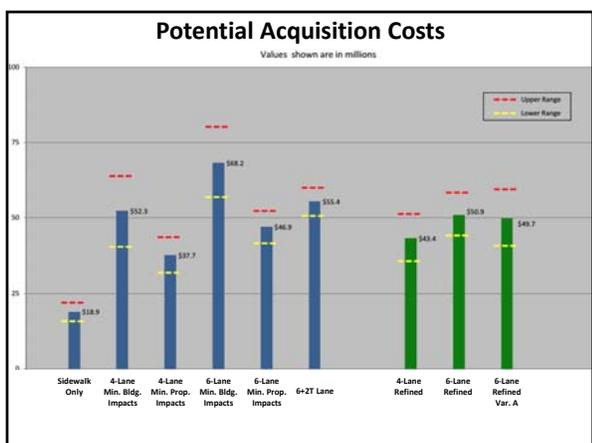
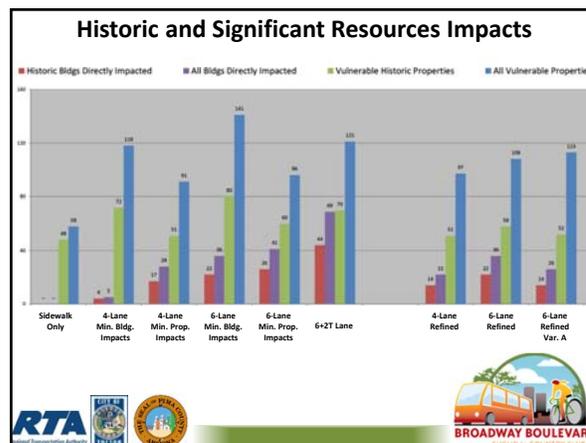
### 4+2T/6-Lane Refined

- Balance avoiding potential historic contributor buildings and minimizing property impacts to the east of Campbell
  - **Base** impacts buildings to south of Continental Building and Solut's parking
  - **Variation A** impacts Continental Building and avoids impacts to Solut's parking

### Updated Assessments

Performance Measures Table for CTF Meeting April 30, 2014

Performance Measure	Baseline (City, State, District)	Proposed (City, State, District)	Impact								
<b>2.1 Pedestrian Access and Safety</b>											
2.1.1 Accessibility of Streets to Pedestrians	...	...	...	...	...	...	...	...	...	...	...
<b>2.2 Traffic Access and Safety</b>											
2.2.1 Access to Major Arterials and Arterials	...	...	...	...	...	...	...	...	...	...	...
<b>2.3 Noise Access and Safety</b>											
2.3.1 Noise Access and Safety	...	...	...	...	...	...	...	...	...	...	...



### CTF Activity (20 mins)

- Review maps and assessments
- Ask questions
- Provide feedback

### CTF Discussion / Decisions

- Does CTF support tabling the following Item 5 decisions until after Call to the Audience and Break –
  - CTF recommendations on Variations to move forward with for the 4+2T/6-Lane Alternative
  - CTF recommendations on presentation of alternatives and assessments at Public Meeting #4
- *Someone needs to make a motion to table this decision*



### 1<sup>st</sup> Call to the Audience

15 Minutes

**Please limit comments to 3 minutes**

- Called forward in order received
- CTF members cannot discuss matters raised
- CTF cannot take action on matters raised
- CTF members can ask project team to review an item



## 10 min Break



### CTF Discussion / Decisions

(Motion needs to be made to reopen Item 3. Recommendations from TAC and Presentation to the Mayor & Council)

- Formulate CTF recommendations on alternative(s) to move forward to Mayor and Council and Public Meeting #4



### CTF Discussion / Decisions

(Motion needs to be made to reopen Item 5. Discuss Revised 4-Lane and Revised 6-Lane Drawings and Vignettes for Addressing "Inspiration Points" at Key Points in the Corridor)

- CTF recommendations on Variations to move forward with for the 4+2T/6-Lane Alternative
- CTF recommendations on presentation of alternatives and assessments at Public Meeting #4



## 7. Public Input Report, and Reports on Project Presentations & Outreach

*Jenn Toothaker Burdick*



## Public Input Report

*Jenn Toothaker*



Public Input Report consists of a spreadsheet and attachments:

- **Spreadsheet** = Input received from
- **Attachments** = Documentation of only new input received







## Reports on Project Presentations & Outreach

- ~ 4/2 Staff Technical Advisory Committee (discussed in Item 5)
- ~ 5/6 Mayor & Council Update, Study Session (discussed in Item 5)
- ~ 4/2 Planning Commission Informational Presentation – Joseph Maher
- ~ 4/14 Real Estate Advisory Committee to the City Manager (REAC)
- ~ 4/24 Panda Post-Demo Site Treatment Community Meeting #2
- ~ Suggested open houses/workshops for area property owners and business owners (Summer 2014?)






## 8. Discuss/Set Public Meeting #4 Date, Format, Presentation Materials, and Survey(s)

*Jenn Toothaker Burdick*






## Item 8. Agenda

- Date: *Thursday, May 22, 2014, 6-8pm, Shriners Hall*
- Proposed Purpose/Objectives
- Input Desired
- Proposed Format
- Possible Presentation Materials
- Review of Business and Property Owner Outreach Concept
- Discussion & Decision/Endorsement






## Purpose and Objectives

- Inform public about work since last workshop
  - Alternatives developed and assessed
  - Issues related to property impacts
    - Parking
    - Access
    - Other
  - Communicate concepts for incremental transit implementation
  - CTF recommendations / variations for moving forward






## Input Desired

- Are the project and CTF on the right track?
- What is level of interest/support for improving transit along the full Broadway corridor
- Other?
- *CTF Discussion*






### Public Meeting Format

- Welcome
  - Purpose of meeting
  - Overview of agenda
- CTF Introductions & Presentations
  - Who you are and who you represent
  - Work since last workshop “In your own words”
    - Quick Overview
      - Summary of input from previous workshop
      - Building up technical and design knowledge
      - Moving from street sections of alignment alternatives
      - Performance assessment
    - More detail
      - Refining alternatives
      - Direction on viability
      - CTF recommendations / variations for moving forward





### Public Meeting Format

- Open House Stations
  - Staffed by CTF and Planning Team
  - Topics same as introduce in CTF Presentations
  - Focus on CTF initial recommendations and any choices and areas for refinement






### CTF Take Away Summary (15 minutes)

- CTF Take Away Summary (15 minutes)
  - CTF members discuss key things they have heard and learned from the night’s activities
- Next Steps and Thank You (5 minutes)
  - Rough schedule for preparing Draft Report on the Public Meeting
  - Next major steps and schedule for the CTF and the technical work of the project
  - Rough timing and topics for the next public meeting
  - Thank you for taking part this evening




### Possible Business Open House

- Open house Format –
  - allows for drop-in and for people to spend a focused short time getting up to date and to ask questions
  - One presentation at an early set time
- MainStreet, Real Estate, and City Economic Development available for one-on-one discussions
- Project update including:
  - Items covered in May 22<sup>nd</sup> Open House
  - Discussion of parking and access issues, etc.




### Public Meeting Format

- **CTF Decision/Endorsement of:**
  - Public Open House
    - Identification of key goals for open house
    - CTF introduction and overview presentation
    - Format for open house stations
    - Other
  - Business Open House
    - Concept and format




### 9. Standard Meeting Agenda Structure and Meeting Organization

Nanci Beizer, CTF Liaison / Facilitator




**Are there changes you would recommend that would make CTF meetings more productive?**

- **Action Meetings**
  - Call to Order/Announcements (5 min)
  - Approval of Draft Meeting Summaries (5 min) -
  - 2 Calls to Audience (25 min)
  - Public Input Report, and Reports on Presentations and Outreach (10 min)
  - Next Steps/Roundtable (15 min)

**60 mins**
- **Study Sessions**
  - Call to Order/Announcements (5 min)
  - 1 Call to Audience (15 min)
  - Public Input Report, and Reports on Presentations and Outreach (10 min)
  - Next Steps/Roundtable (15 min)

**45 mins**



**Call to the Audience**

**10 Minutes**

**Please limit comments to 3 minutes**

- Called forward in order received
- CTF members cannot discuss matters raised
- CTF cannot take action on matters raised
- CTF members can ask project team to review an item



**Next Steps/Roundtable**

*Jenn Toothaker*

- 5/6/2014 Mayor and Council Meeting
- 5/22/14 Public Meeting #4
- June-August, 2014 –
  - **More CTF meetings and technical work on maps**
  - Contract renewal with RTA



**Thank You for Coming – Please Stay in Touch!**

**Broadway: Euclid to Country Club**

Web: [www.tucsonaz.gov/broadway](http://www.tucsonaz.gov/broadway)

Email: [broadway@tucsonaz.gov](mailto:broadway@tucsonaz.gov)

Info Line: 520.622.0815

**RTA Plan**

[www.rtamobility.com](http://www.rtamobility.com)

