



Comprehensive Operational Analysis

Draft Service Plan



The Project

The aim of this COA is to enhance the transit system to better support the needs of the community and improve the efficiency, effectiveness, and equity of current transit options.

Working within the existing operating budget, the goal is to make service improvements that address community priorities through optimizing the system and increasing efficiency.



: Public Outreach Opportunities

Engaging the Community








Summary of Outreach Activities

- Website and survey available Jan. 23 to April 19, 2023
 - Over 500 survey responses and website comments were received
- Pop-up events held Feb. 7 and Feb. 8
 - Roy Laos Transit Center
 - Tohono T'adai Transit Center
 - Ronstadt Transit Center
 - University of Arizona Mall
 - San Xavier del Bac Mission
 - Pima Community College East
- Virtual Public Meetings held on Feb. 9 and Feb. 15
- Virtual Stakeholder Meeting held on Feb. 2

What We Heard

What Service Improvement is Most Important to You?

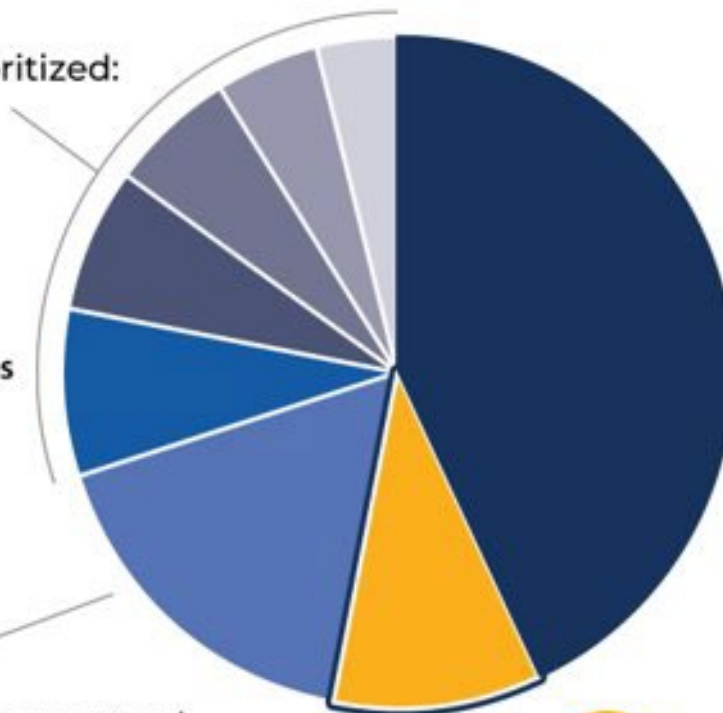
The remaining **30%** of riders prioritized:

-  8% - shorter travel times
-  7% - reliable/on-time service
-  6% - longer operating hours
-  5% - shorter walks to bus stops
-  4% - fewer transfers



17%

of riders are concerned about the cost of fares



53% of riders ranked additional service as most important.



43% of riders want more frequent service

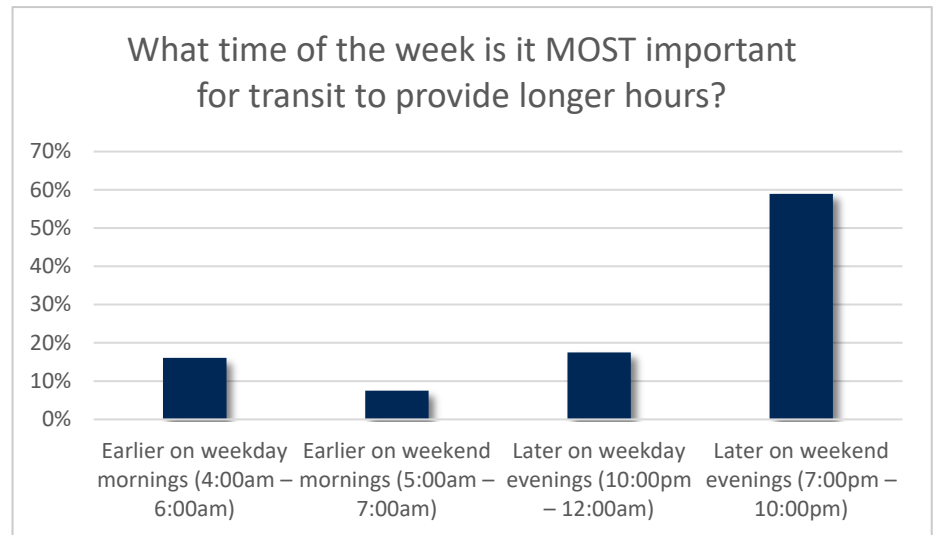
10% of riders requested more weekend service



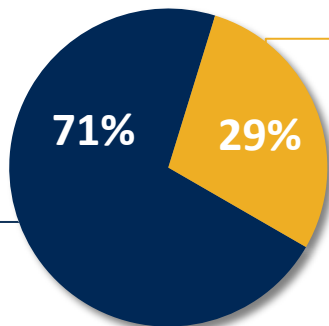
What We Heard

Key Findings from Survey

60% of respondents think later weekend evening service is the most important span improvement.



Which Would You Prefer?



An on-demand service, similar to Uber/Lyft, that can be requested on your phone with up to 30-minute wait times.

A route that comes every 30 minutes with a fixed schedule and designated stops.



Fixed-route service is still overwhelmingly preferred over on-demand alternatives.

Target Improvements



Realign routes to provide more direct rides to key destinations



Invest in high-frequency 15+ minute service on key corridors



Improve access and quality of service for traditionally underserved communities



Extend service hours to 11 pm on weekdays and 10 pm on weekends



Add frequency on weekends so transit is more convenient for shopping and recreation

Design Strategies

Design strategies for streamlining and optimizing service in order to free up resources for the Target Improvements:



Focus on the one-mile grid, discontinuing routes through local neighborhoods



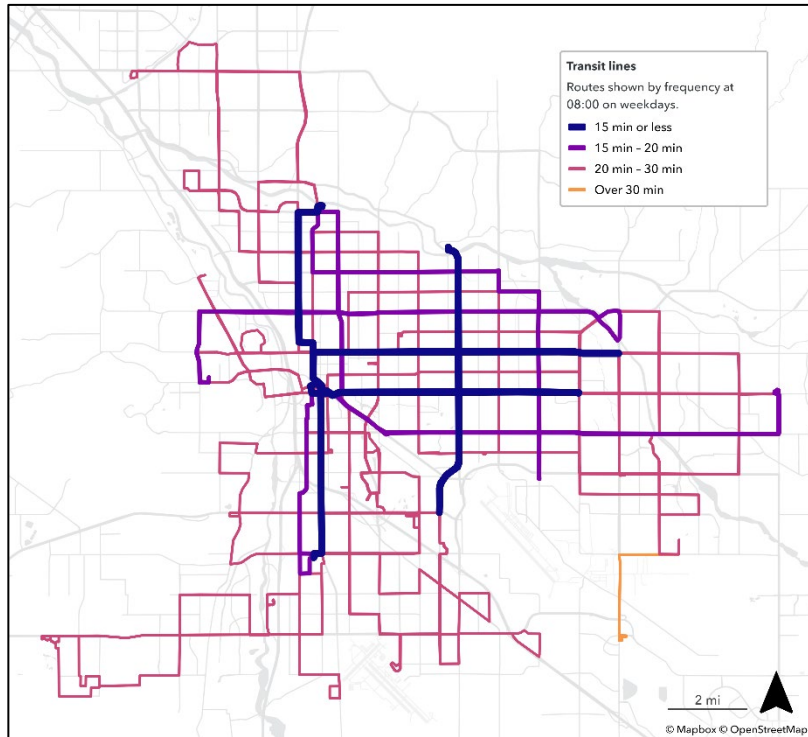
Reduce reliance on transit centers to minimize duplication and shorten running times



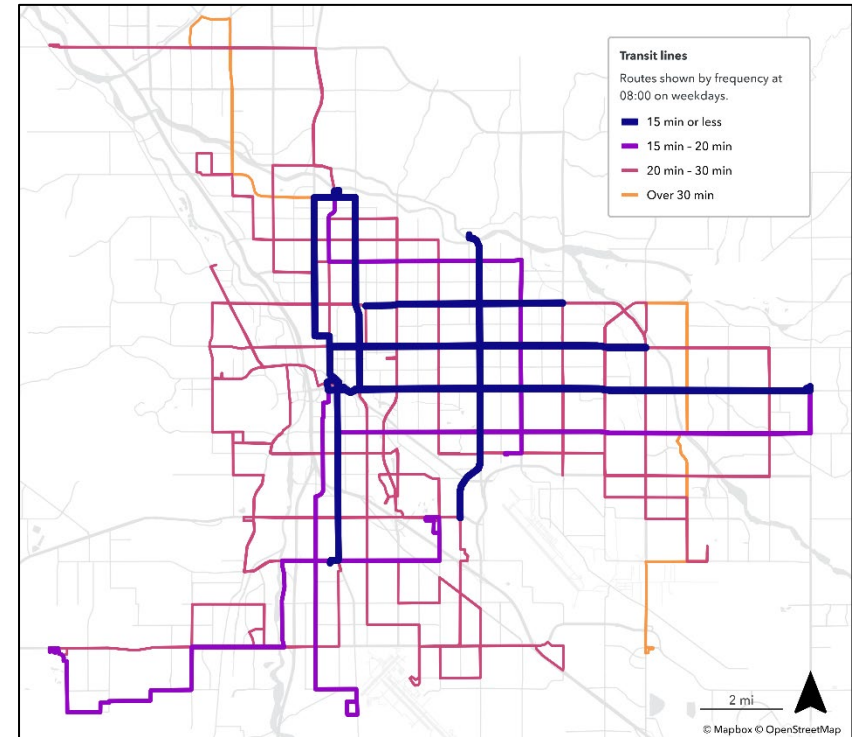
Reconfigure route alignments and frequencies to improve efficiency

Draft Plan – Weekday Frequency Comparison

Baseline



Proposed

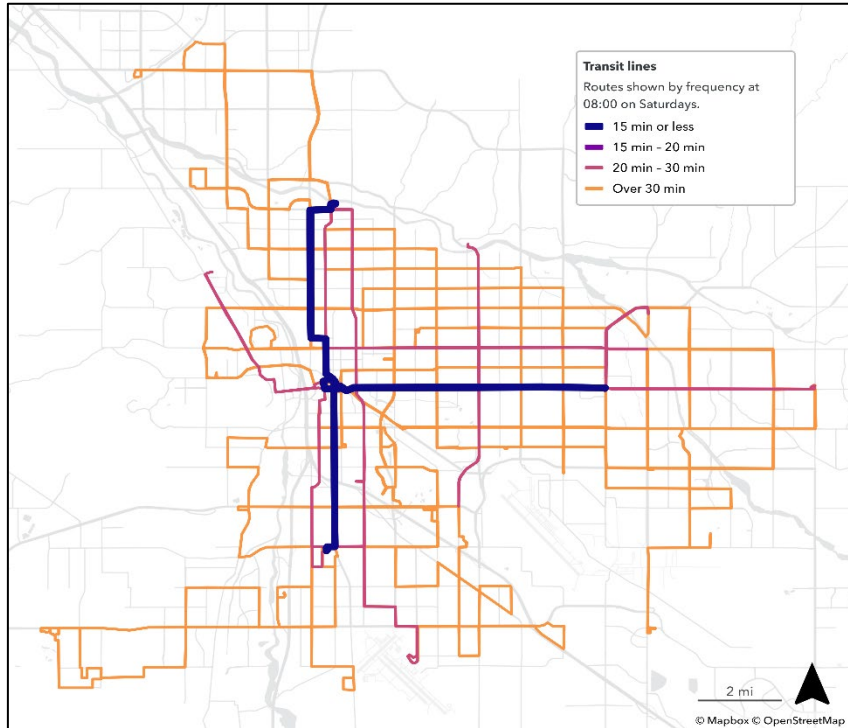


Percent within a Half-Mile Walk of 15-Minute Service

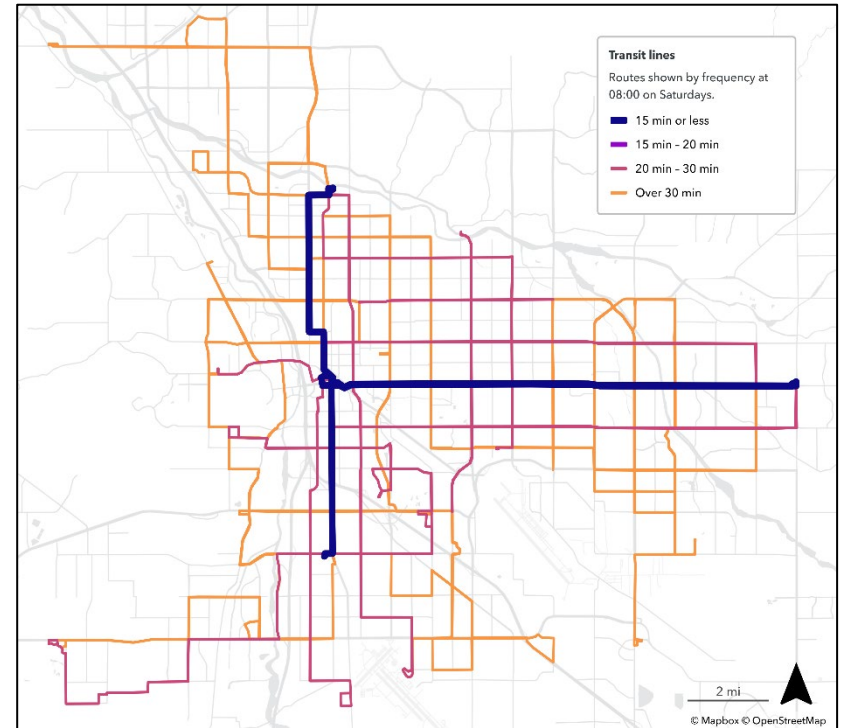
	Existing Network	Proposed Network	Percent Increase
Population	15%	22%	47%
Jobs	17%	23%	35%
Non-White Population	16%	22%	38%
Low-Income Population	23%	32%	39%

Draft Plan – Saturday Frequency Comparison

Baseline



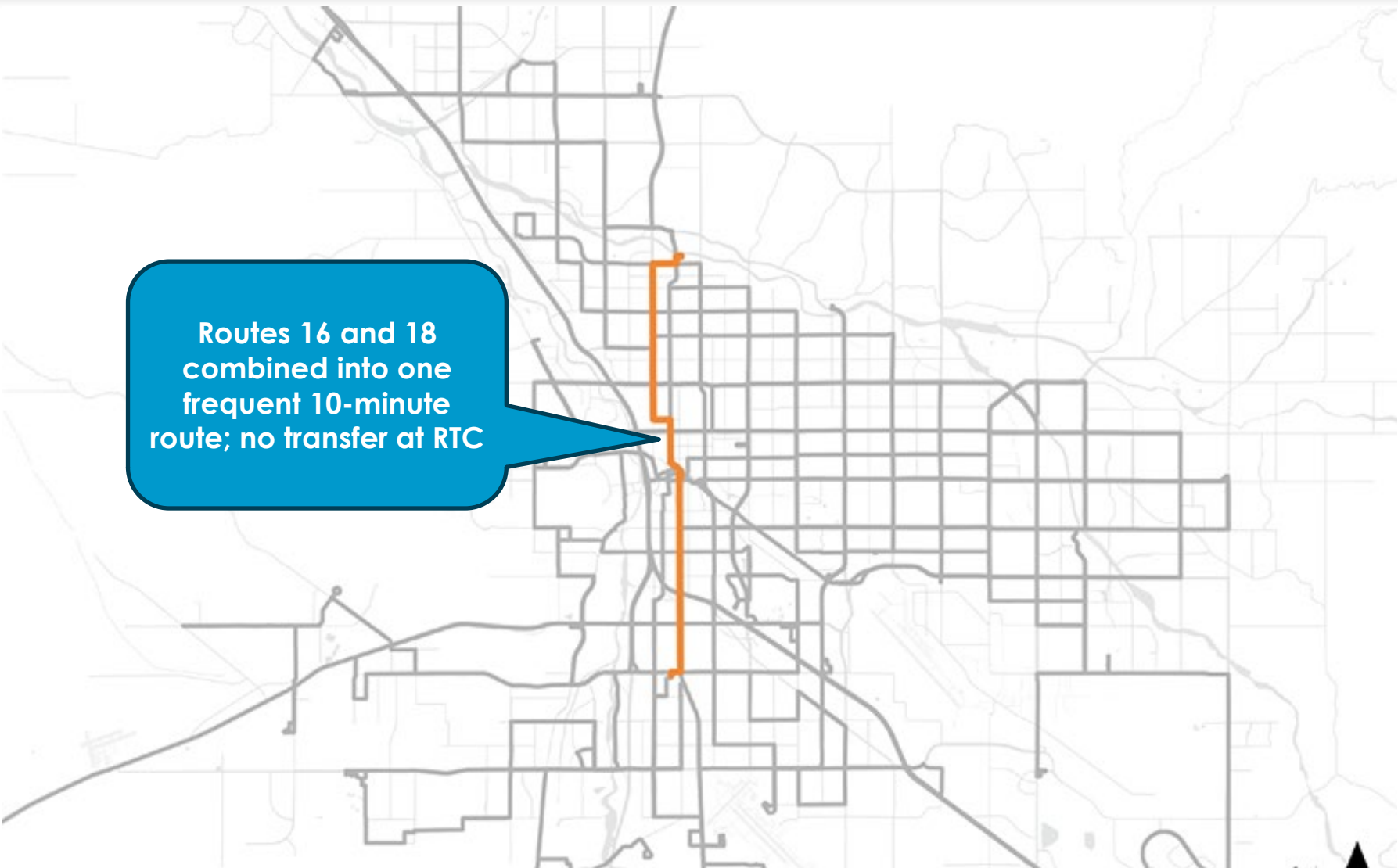
Proposed



**Percent within a
Half-Mile Walk of
30-Minute
Service**

	Existing Network	Proposed Network	Percent Increase
Population	16%	26%	63%
Jobs	18%	24%	33%
Non-White Population	30%	47%	57%
Low-Income Population	37%	54%	46%


Draft Plan – Key Route Change Highlights



Routes 16 and 18
combined into one
frequent 10-minute
route; no transfer at RTC

The map shows a city grid with a highlighted orange route running vertically through the center. A blue callout box points to this route with the text: 'Routes 16 and 18 combined into one frequent 10-minute route; no transfer at RTC'. The map includes a scale bar for 1 mile and a north arrow in the bottom right corner.

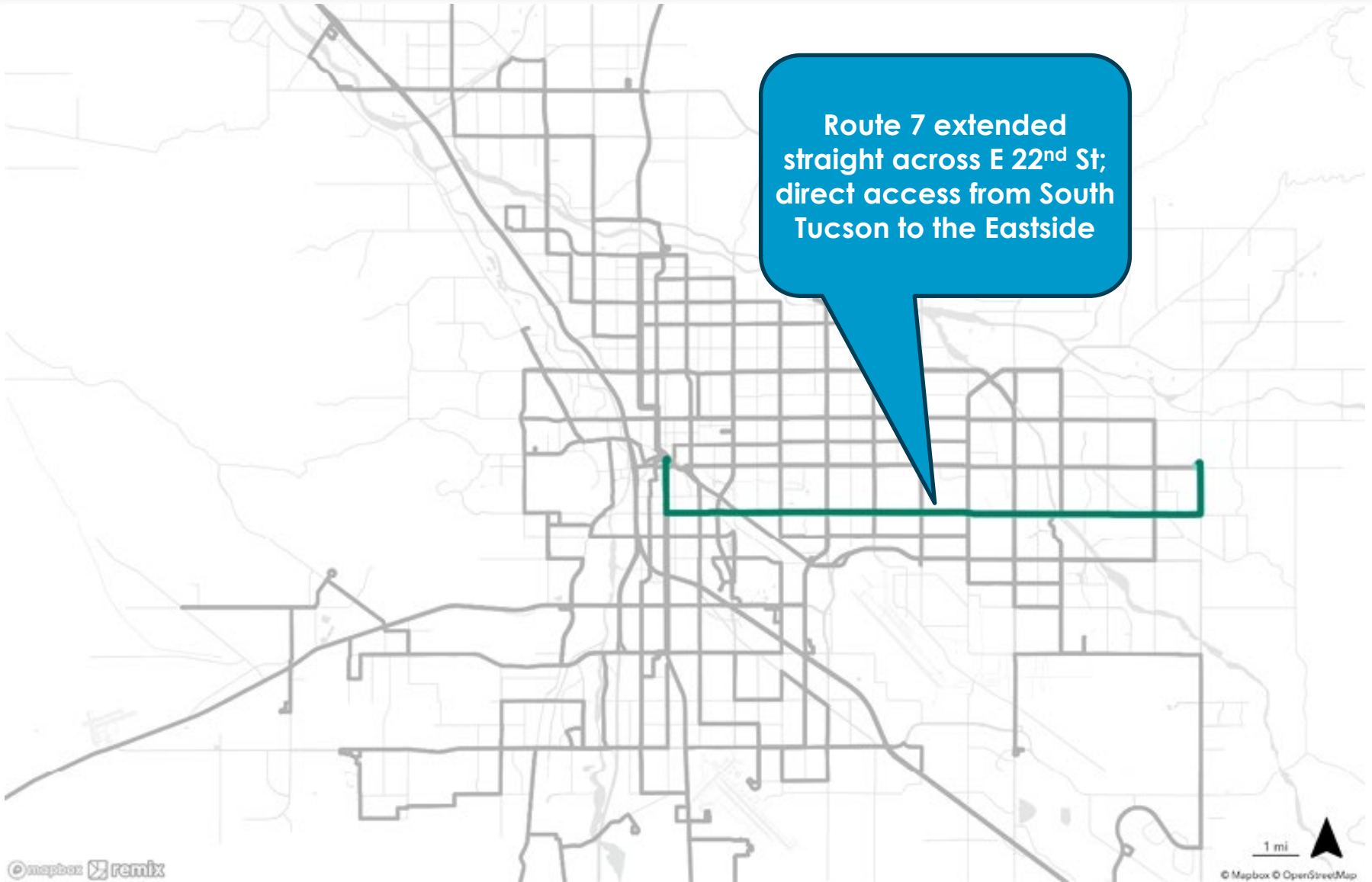
Draft Plan – Key Route Change Highlights



Routes 12 and 24
combined into one route
on S 12th Ave, no transfer
at LTC

Draft Plan – Key Route Change Highlights

**Route 7 extended
straight across E 22nd St;
direct access from South
Tucson to the Eastside**



Draft Plan – Key Route Change Highlights



Route 8 – Broadway extended west to PCC West; continuous east-west service through Downtown with no transfer

Draft Plan – Key Route Change Highlights



Route 11 west branch extends across Ajo Way replacing Route 50; continuous east-west service on Ajo with no transfer

Draft Plan – Key Route Change Highlights

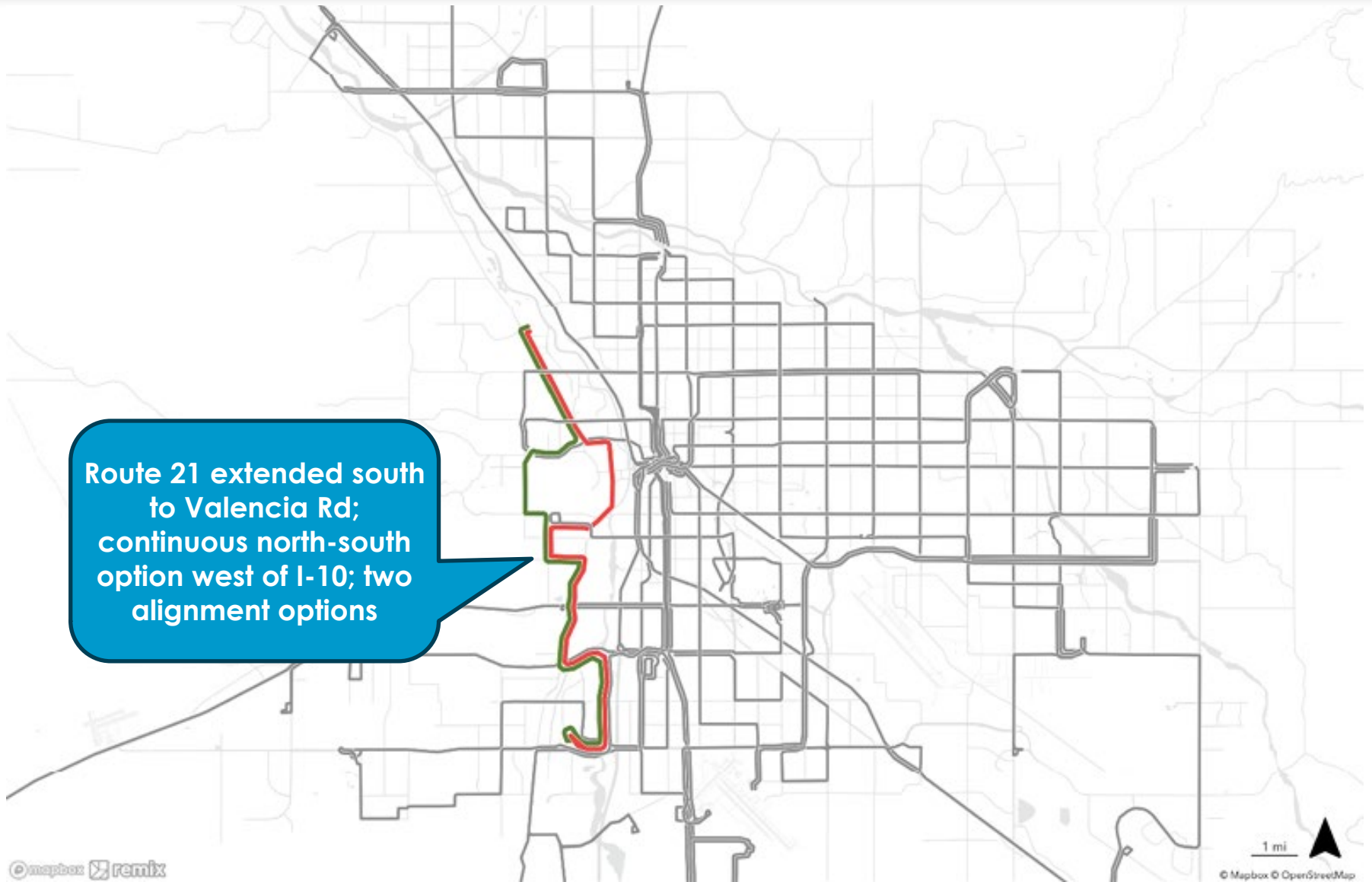
Route 29 extended to
PCC Desert Vista, Tucson
Spectrum, and BUMC
across Irvington Rd

Draft Plan – Key Route Change Highlights



New Route 33 has continuous service on Wilmot Rd between Udall Station and PCC East

Draft Plan – Key Route Change Highlights



Route 21 extended south to Valencia Rd; continuous north-south option west of I-10; two alignment options

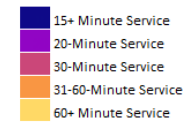
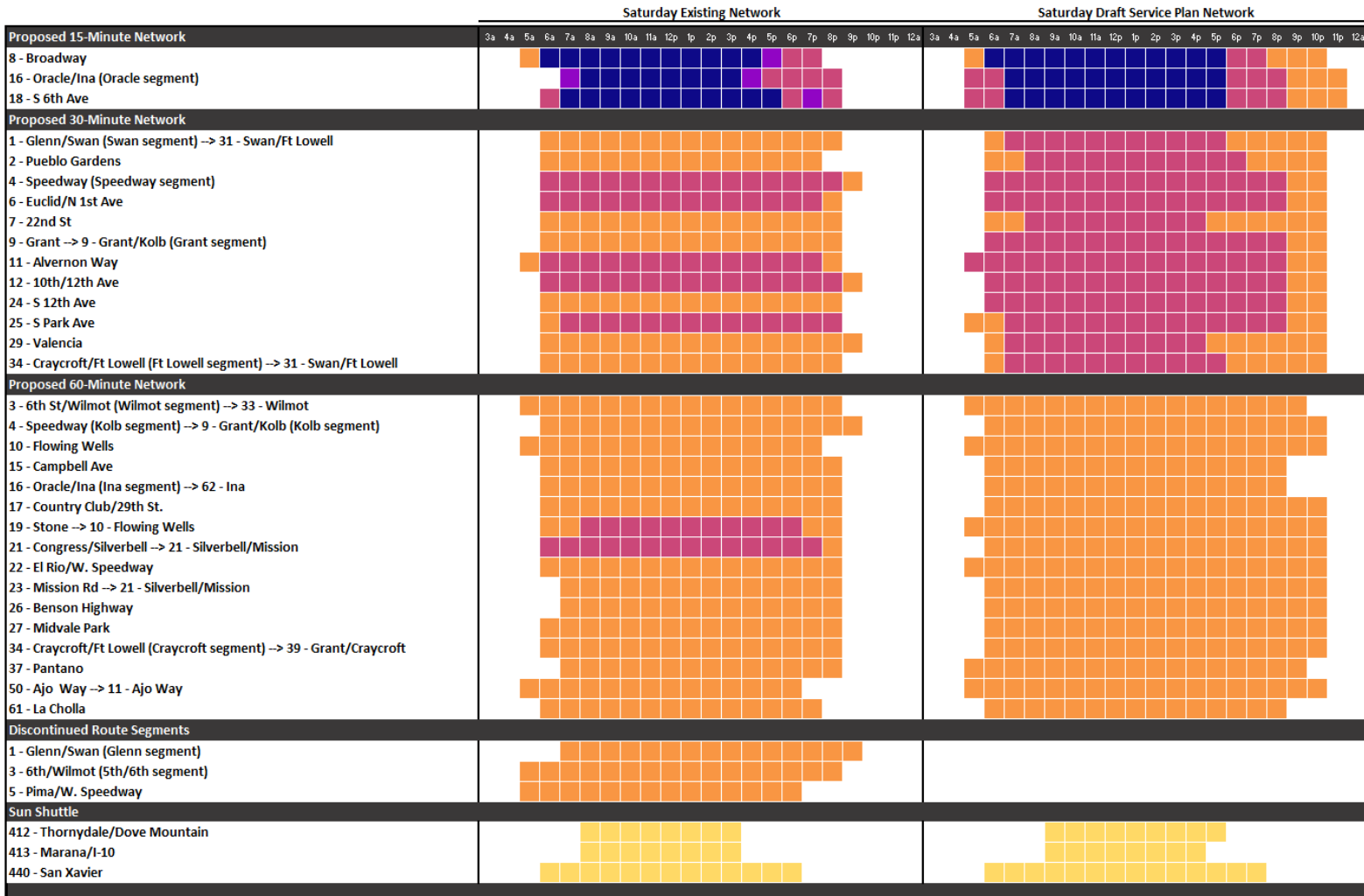
Weekday Frequency and Span Improvements



■ 15+ Minute Service
■ 20-Minute Service
■ 30-Minute Service
■ 31-60-Minute Service
■ 60+ Minute Service

Routes on some streets have been renumbered as indicated with the "-->" symbol. For example, Route 1 previously operating on Swan Rd will now be covered by a new Route 31.

Saturday Frequency and Span Improvements



Routes on some streets have been renumbered as indicated with the "→" symbol. For example, Route 1 previously operating on Swan Rd will now be covered by a new Route 31.

Sunday Frequency and Span Improvements

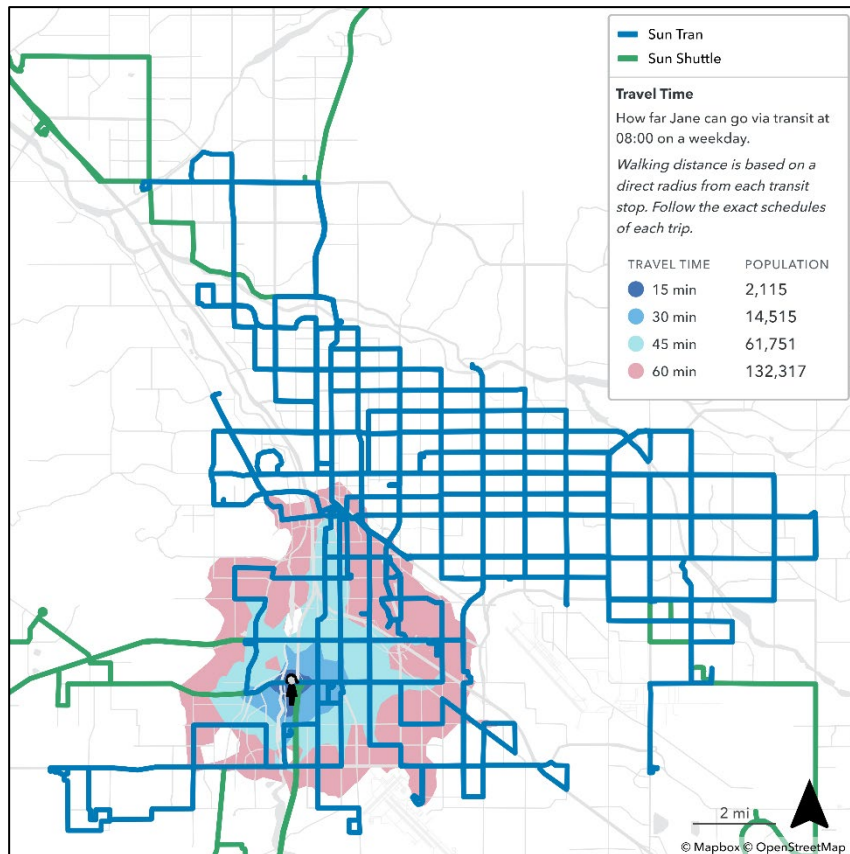
	Sunday Existing Network												Sunday Draft Service Plan Network																																
	3a	4a	5a	6a	7a	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p	12a	3a	4a	5a	6a	7a	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p	12a	
Proposed 15-Minute Network																																													
8 - Broadway																																													
16 - Oracle/Ina (Oracle segment)																																													
18 - S 6th Ave																																													
Proposed 30-Minute Network																																													
1 - Glenn/Swan (Swan segment) --> 31 - Swan/Ft Lowell																																													
2 - Pueblo Gardens																																													
4 - Speedway (Speedway segment)																																													
6 - Euclid/N 1st Ave																																													
7 - 22nd St																																													
9 - Grant --> 9 - Grant/Kolb (Grant segment)																																													
11 - Alvernon Way																																													
12 - 10th/12th Ave																																													
24 - S 12th Ave																																													
25 - S Park Ave																																													
29 - Valencia																																													
34 - Craycroft/Ft Lowell (Ft Lowell segment) --> 31 - Swan/Ft Lowell																																													
Proposed 60-Minute Network																																													
3 - 6th/Wilmot (Wilmot segment) --> 33 - Wilmot																																													
4 - Speedway (Kolb segment) --> 9 - Grant/Kolb (Kolb segment)																																													
10 - Flowing Wells																																													
15 - Campbell Ave																																													
16 - Oracle/Ina (Ina segment) --> 62 - Ina																																													
17 - Country Club/29th St.																																													
19 - Stone --> 10 - Flowing Wells																																													
21 - Congress/Silverbell --> 21 - Silverbell/Mission																																													
22 - El Rio/W. Speedway																																													
23 - Mission Rd --> 21 - Silverbell/Mission																																													
26 - Benson Highway																																													
27 - Midvale Park																																													
34 - Craycroft/Ft Lowell (Craycroft segment) --> 39 - Grant/Craycroft																																													
37 - Pantano																																													
50 - Ajo Way --> 11 - Ajo Way																																													
61 - La Cholla																																													
Discontinued Route Segments																																													
1 - Glenn/Swan (Glenn segment)																																													
3 - 6th/Wilmot (5th/6th segment)																																													
5 - Pima/W. Speedway																																													

- 15+ Minute Service
- 20-Minute Service
- 30-Minute Service
- 31-60-Minute Service
- 60+ Minute Service

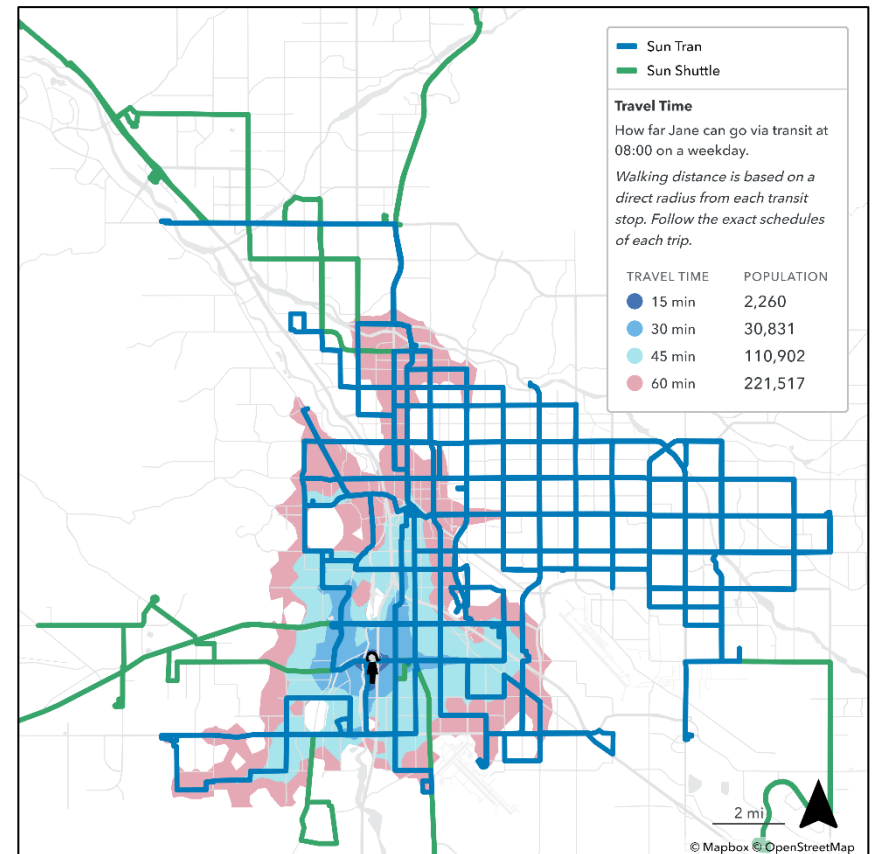
Routes on some streets have been renumbered as indicated with the "-->" symbol. For example, Route 1 previously operating on Swan Rd will now be covered by a new Route 31.

Change in 60-Min Access - Tucson Spectrum

Baseline

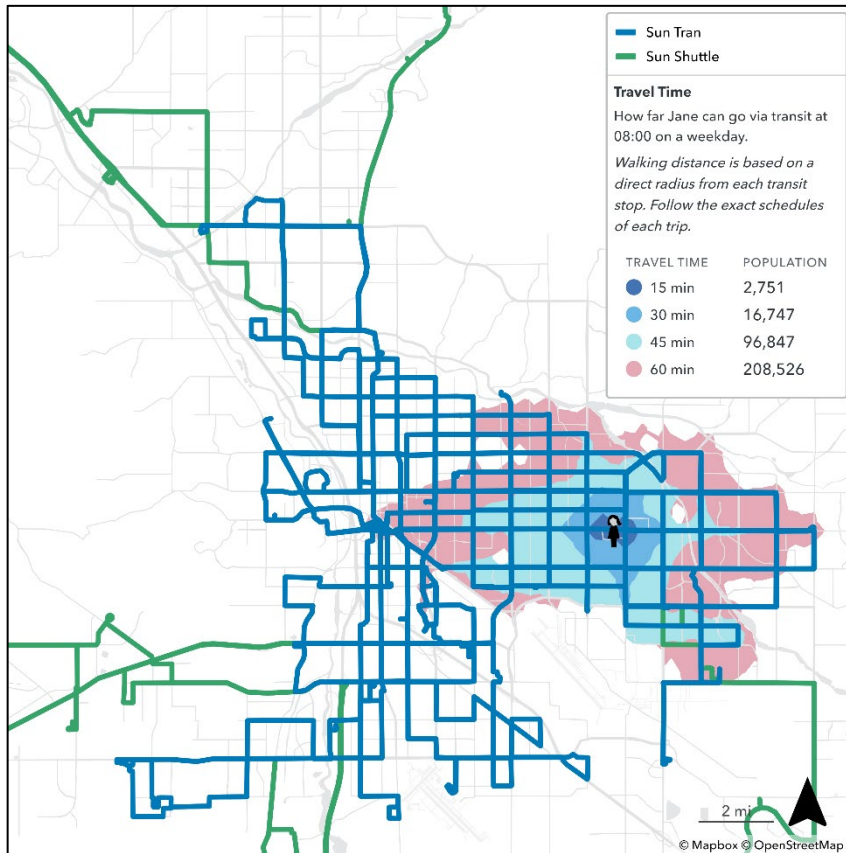


Proposed

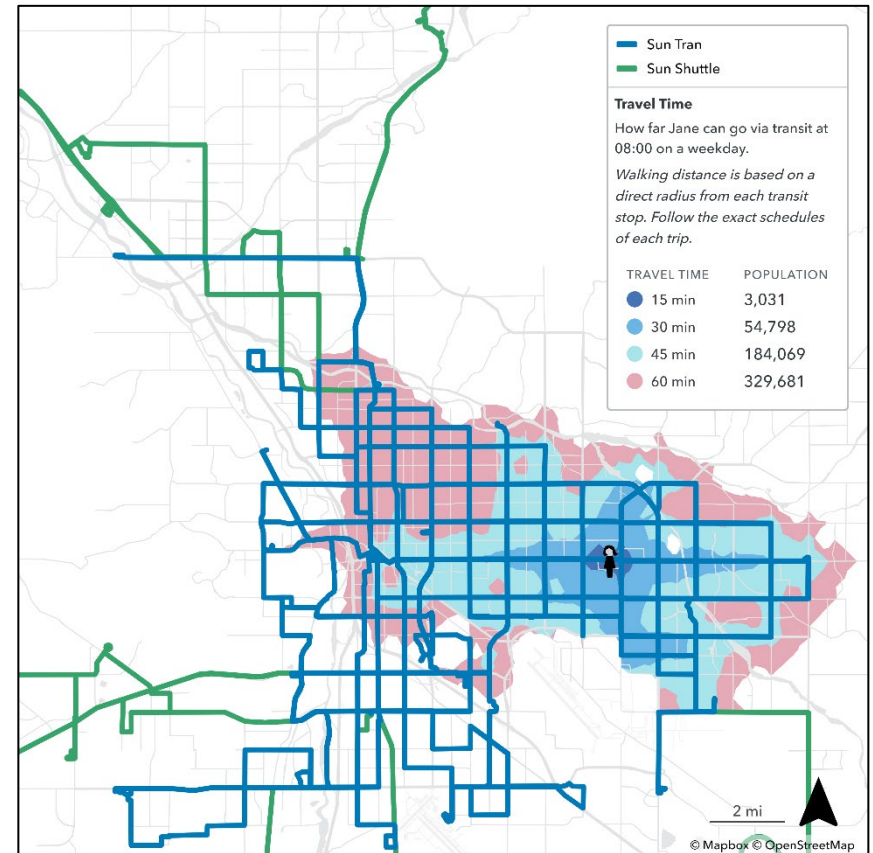


Change in 60-Min Access – Park Place Mall

Baseline

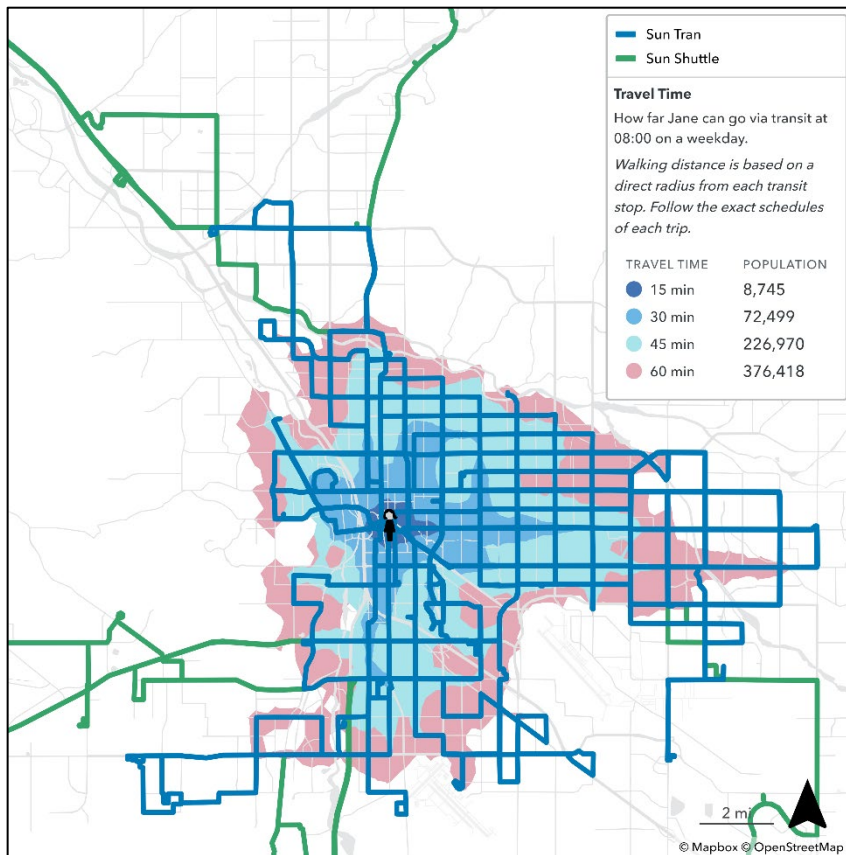


Proposed

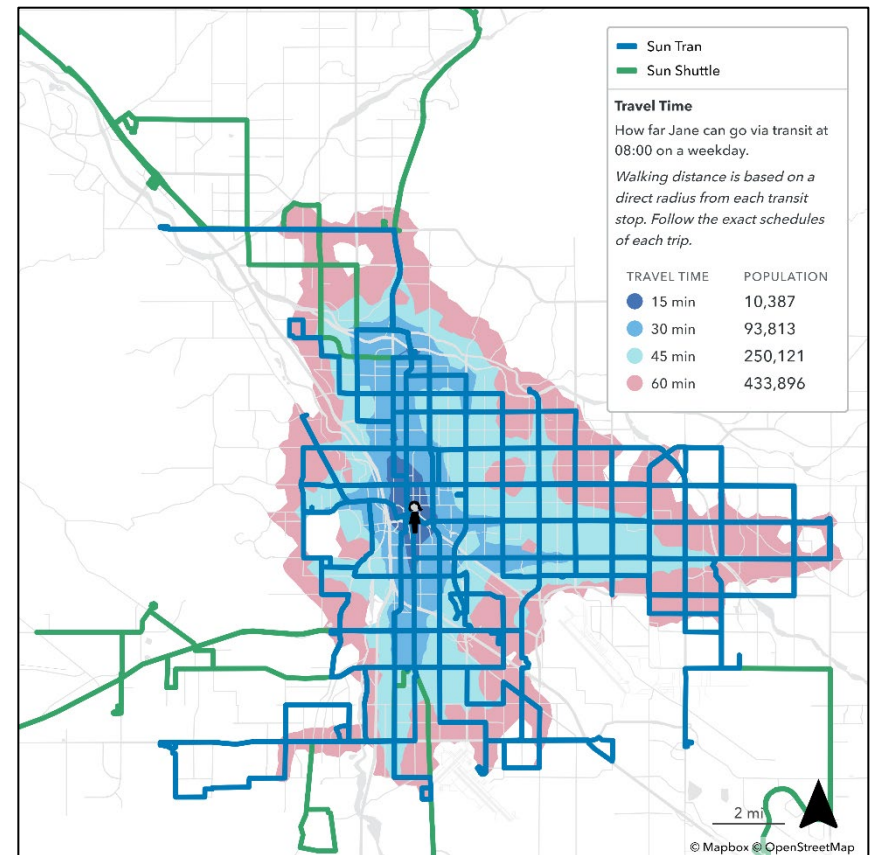


Change in 60-Min Access – Downtown

Baseline

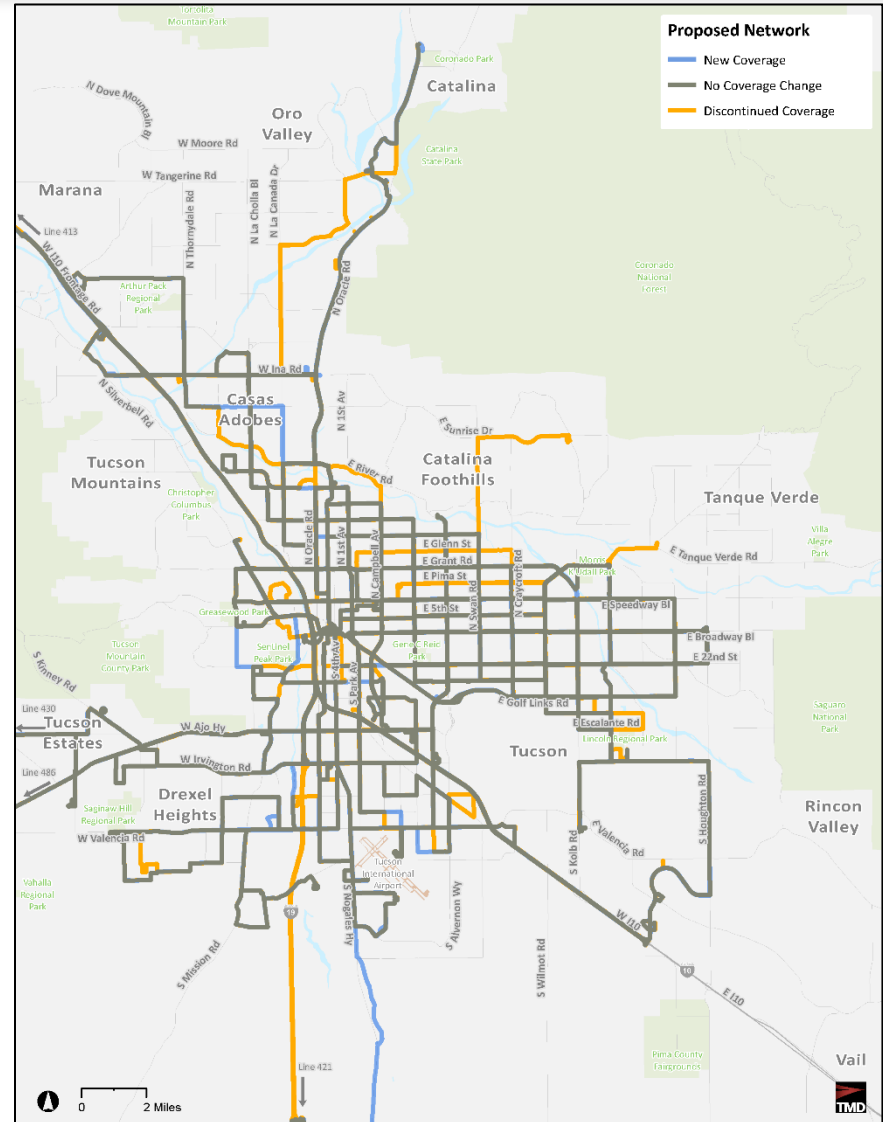


Proposed



Rider Impacts and Route Discontinuations

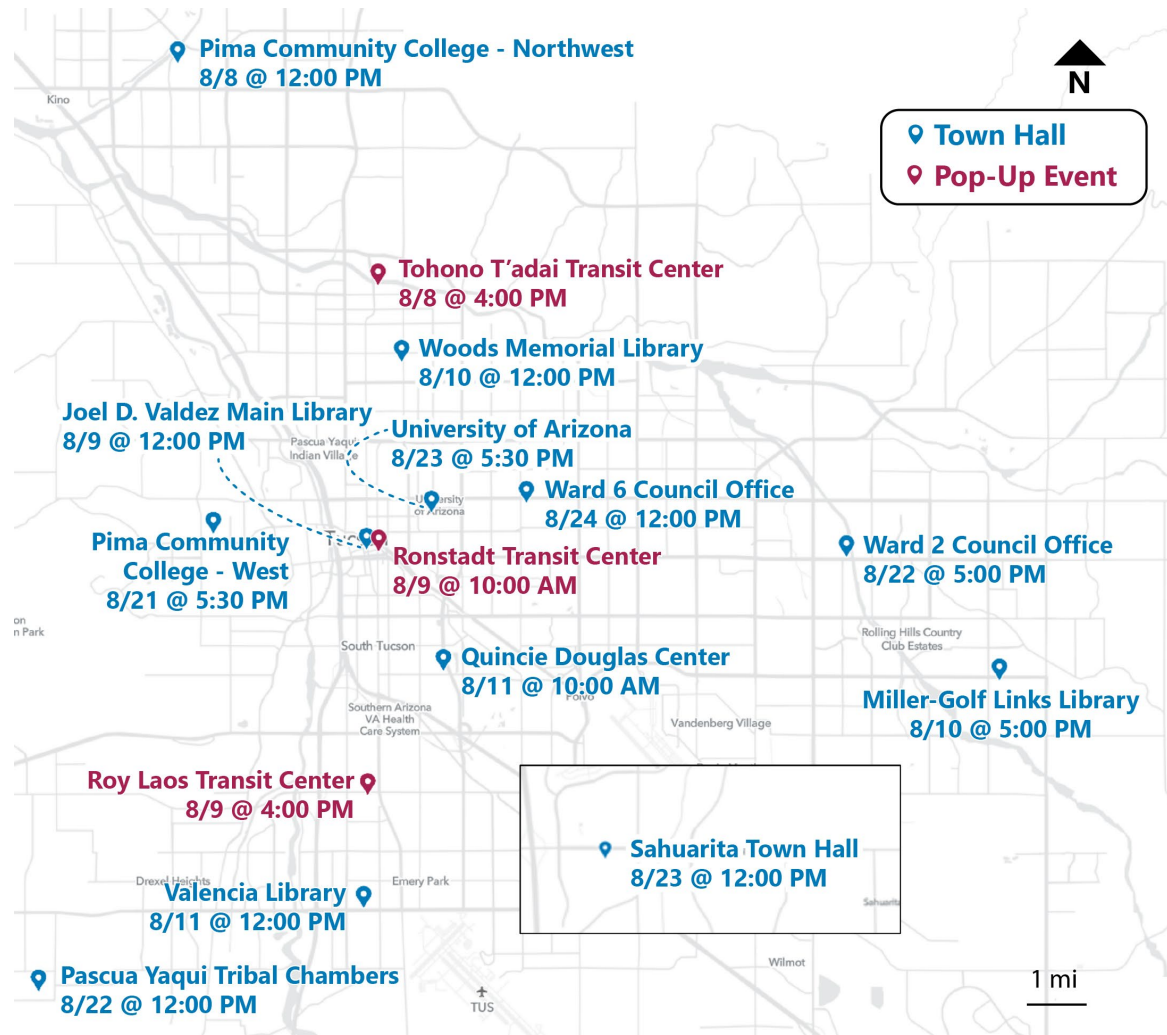
- Route 1 – Glenn/Swan
- Route 3 – 6th St/Wilmot
- Route 5 – Pima/W. Speedway
- Route 19 – Stone
- Route 23 – Mission
- Route 34 – Craycroft/Fort Lowell
- Discontinued Sun Express routes due to low ridership and performance – 102X, 103X, 104X, 105X, 107X, 108X, and 203X



Planned Outreach Activities and Next Steps

Town Hall Events Aug. 8 to 24

- Pima Community College - Northwest Campus
- Joel D. Valdez Main Library
- Woods Memorial Library
- Miller-Golf Links Library
- Quincie Douglas Recreation Center
- Valencia Library
- Pima Community College - West Campus
- Pascua Yaqui Tribal Chambers
- Tucson City Council Ward 2 Office
- Sahuarita Town Hall - Council Chambers
- University of Arizona
- Tucson City Council Ward 6 Office



Planned Outreach Activities and Next Steps

- **Website and survey available July 25 – Sept. 8**
- **Pop-up events Aug. 8 and 9**
 - Roy Laos Transit Center
 - Tohono T'adai Transit Center
 - Ronstadt Transit Center
- **Virtual Public Meetings Aug. 16 and 30**
- **September/October** – update the Draft Service Plan incorporating public and stakeholder feedback; conduct a Title VI analysis to ensure there are no adverse impacts to disadvantaged communities
- **November** – present the Final Service Plan to City Council

Visit www.tucsoncoa.com to learn more and take the survey through Sept. 8!



Thank you!

