





# **Transit Comprehensive** Operational Analysis (COA) Final Draft

Sun Tran, Sun Express, Sun Shuttle, and Sun Link Route Recommendations January 2024

# Background

Under the framework to craft a plan that is both cost and resource neutral, the Comprehensive Operational Analysis (COA) reviewed and evaluated Sun Tran, Sun Link, Sun Express, and Sun Shuttle services to determine potential improvements with the goal of creating a more equitable, effective, and efficient transit network.

The Project Team presented a Draft Service Plan to the community in late Summer 2023. Based on the survey feedback from the Draft Service Plan, the Final Plan was crafted to optimize transit services while addressing the needs of the community. The following slides show current transit services, the Draft Service Plan proposal, and the Final Recommendations.

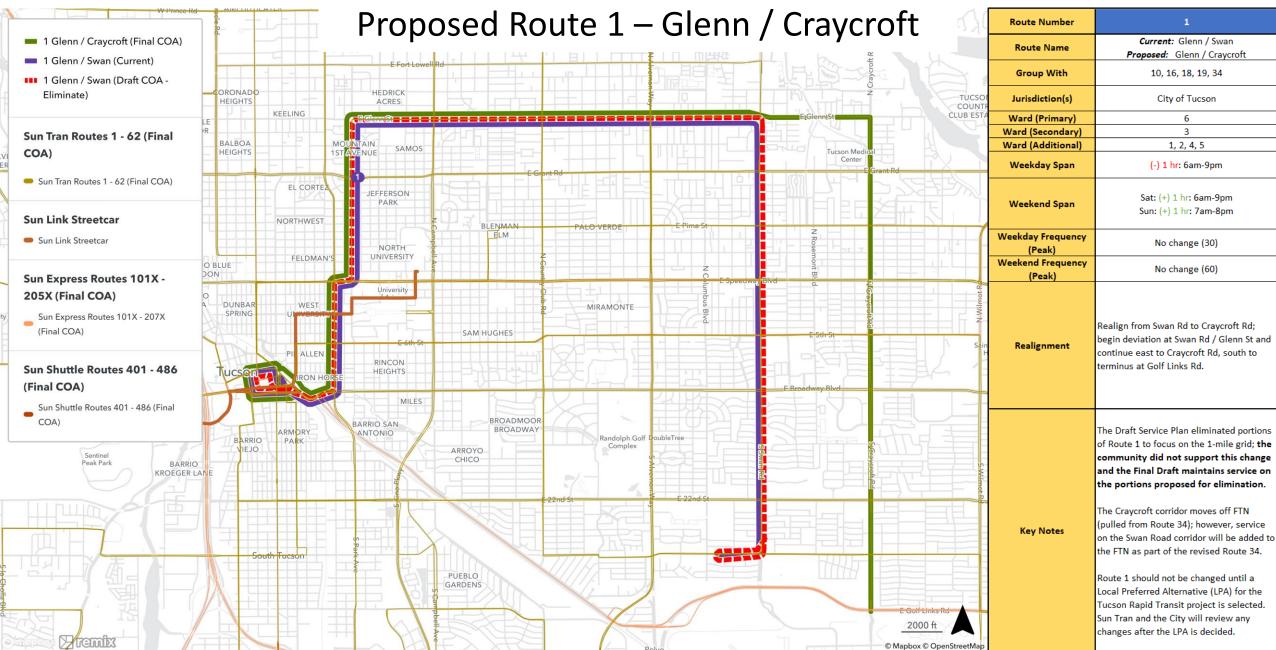
### Sun Tran Routes

Routes 1 - 62



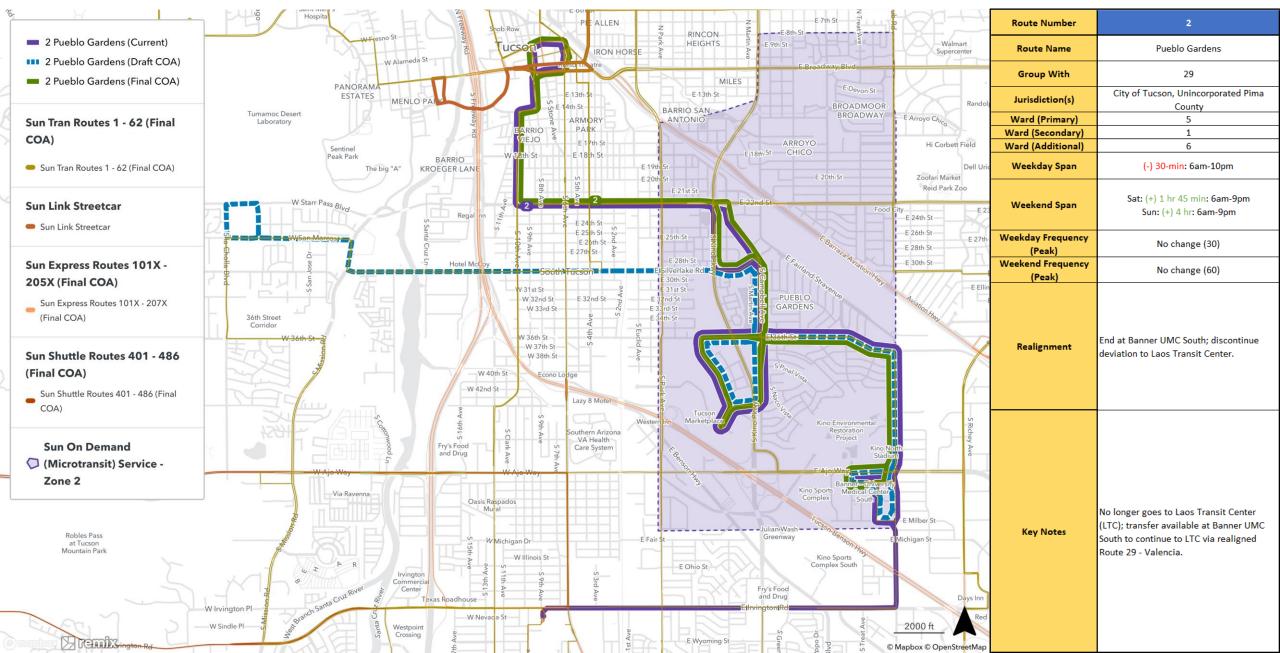


### Route 1 – Glenn / Swan



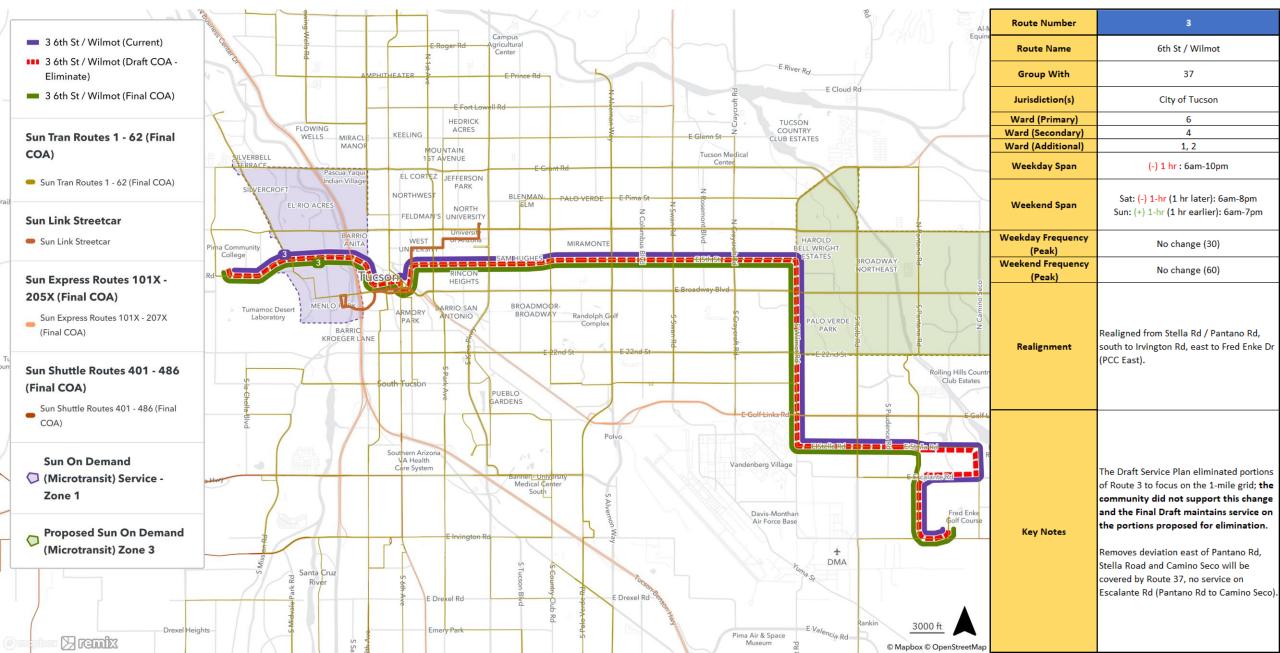


#### Route 2 – Pueblo Gardens



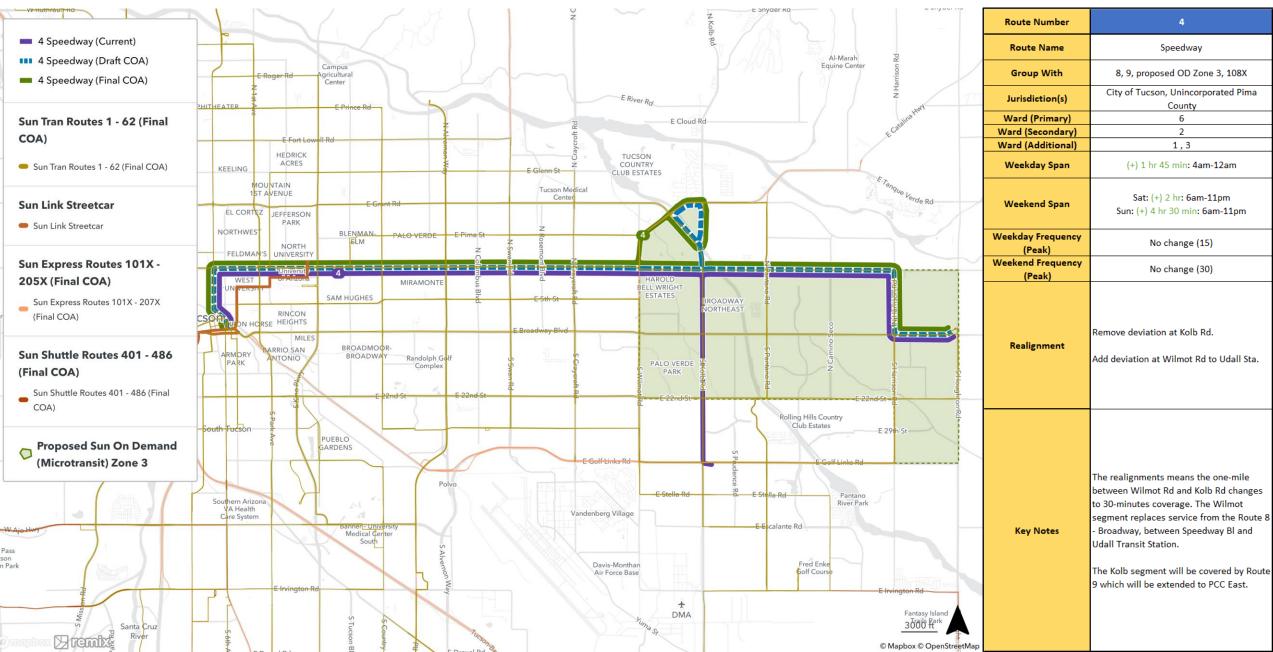


# Route 3 – 6<sup>th</sup> St / Wilmot



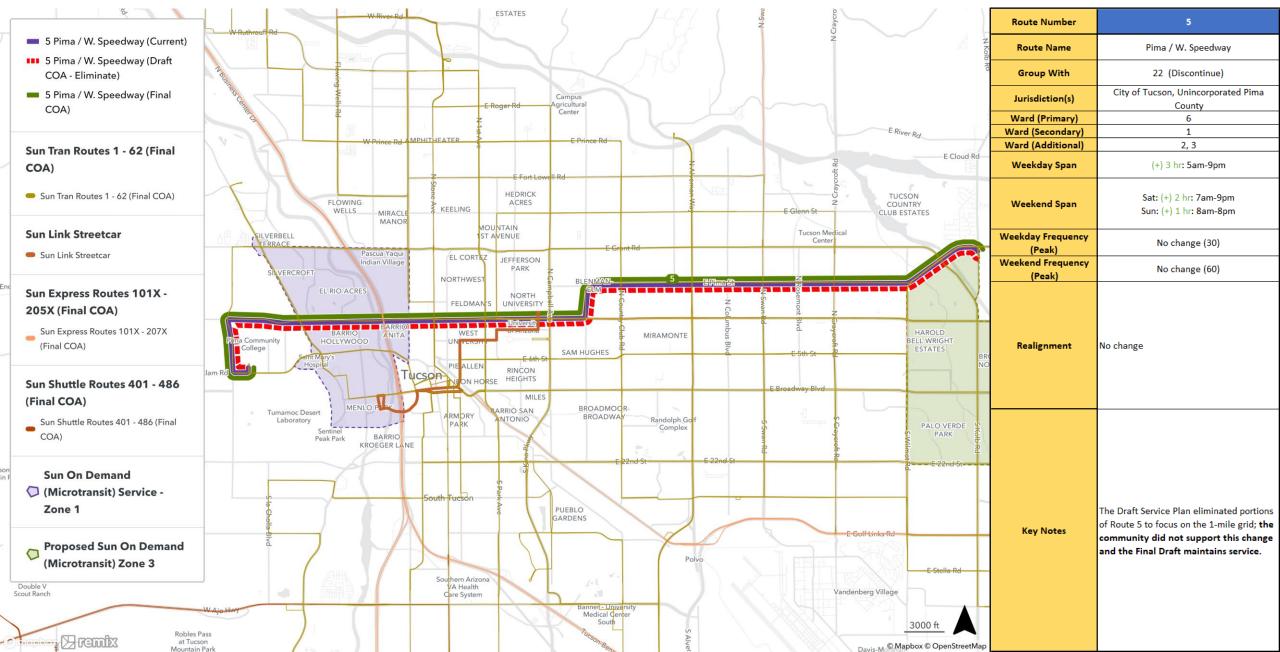


### Route 4 – Speedway



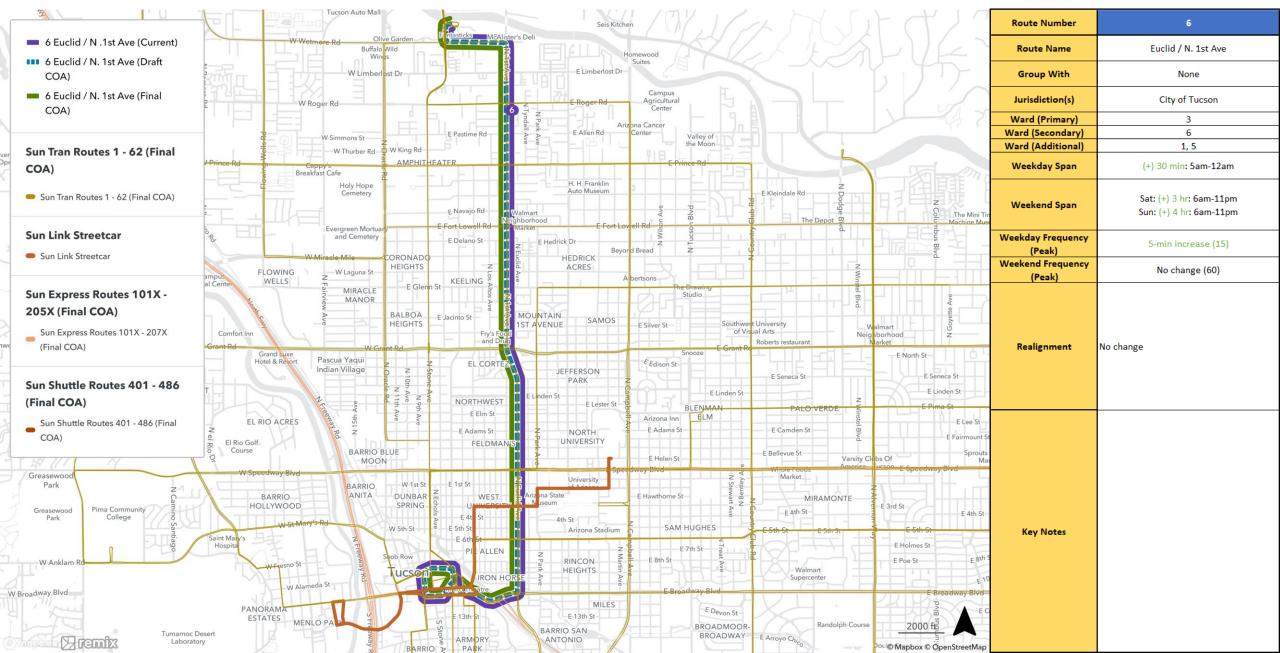


# Route 5 – Pima / W. Speedway



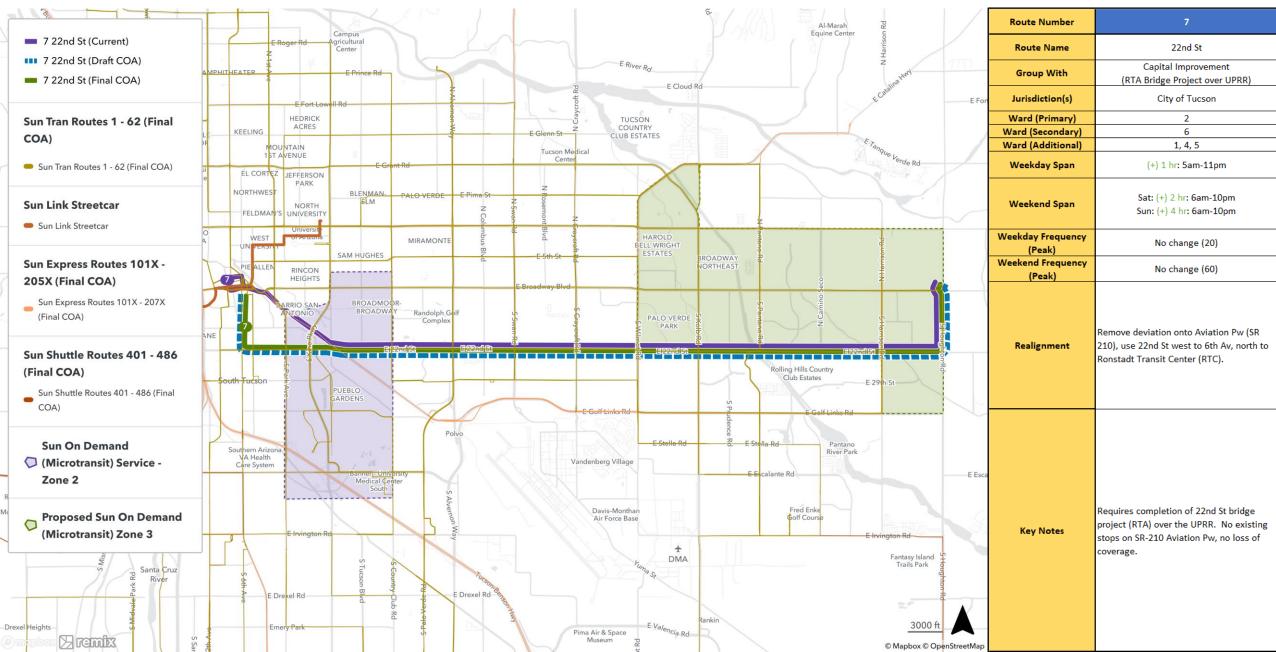


# Route 6 – Euclid /N. 1<sup>st</sup> Ave



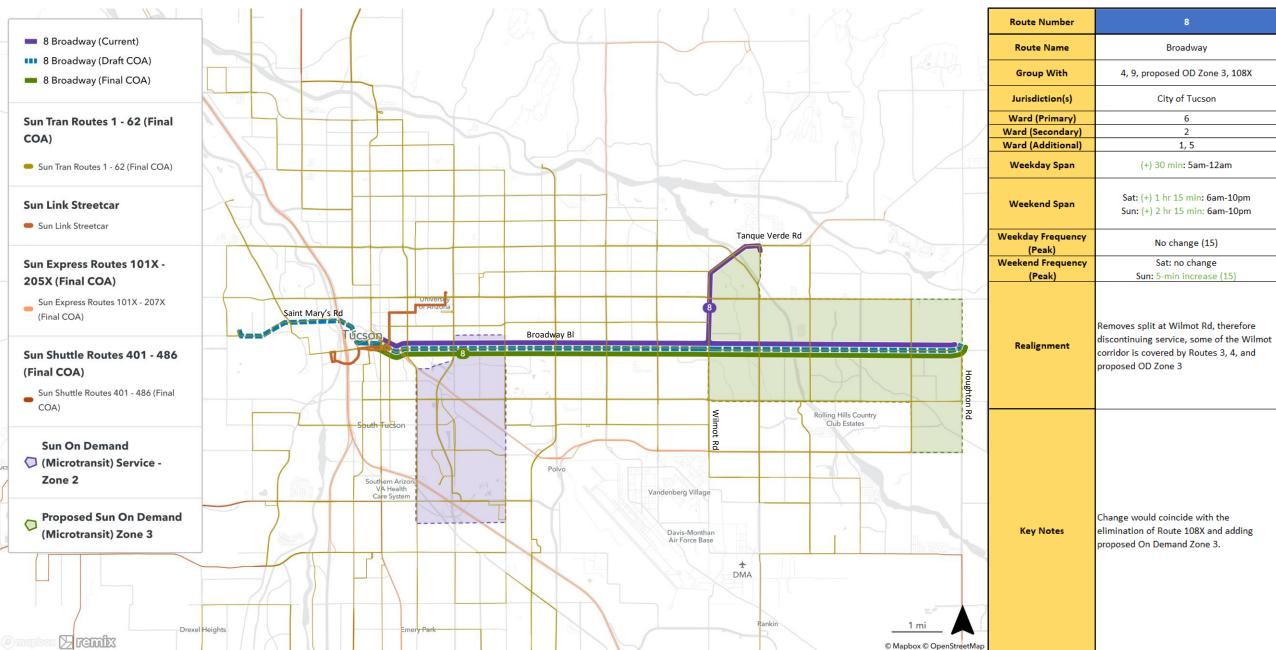


#### Route $7 - 22^{nd}$ St



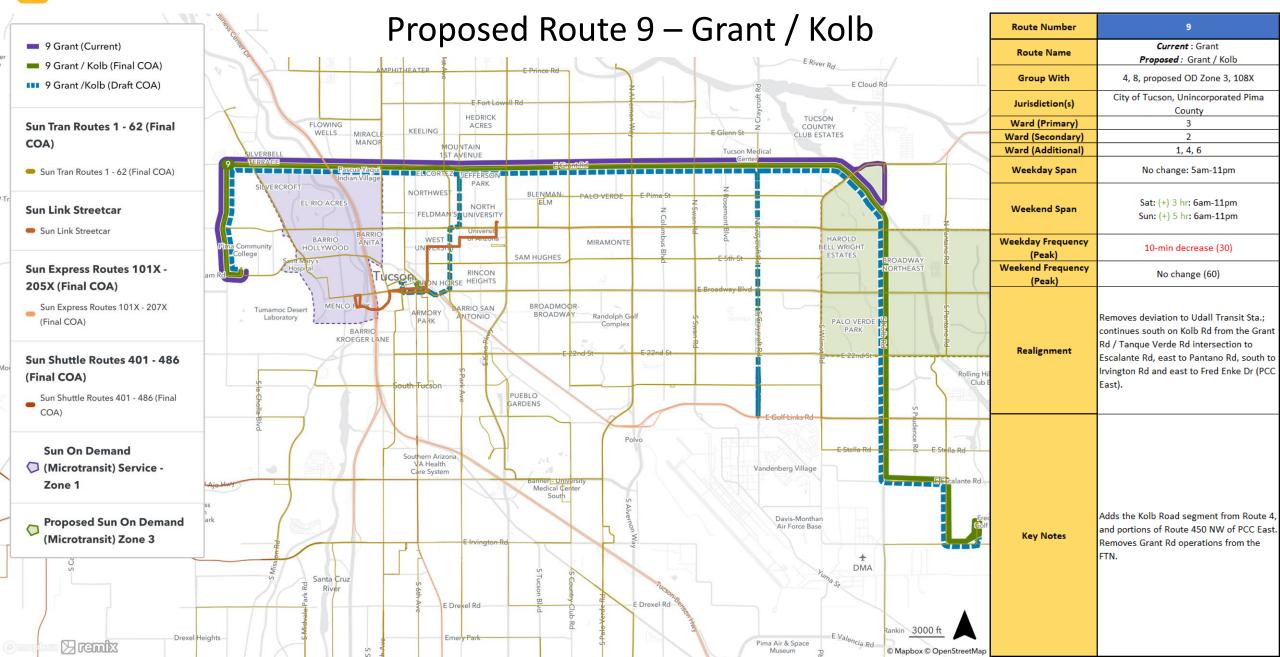


# Route 8 – Broadway



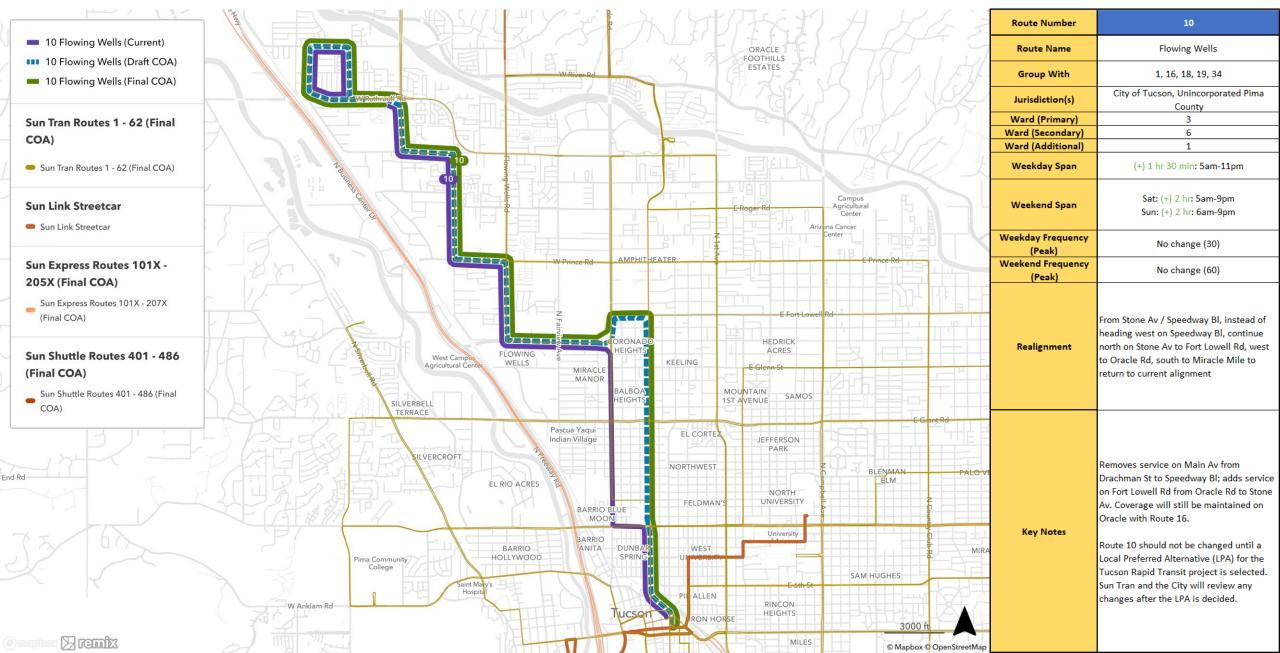


#### Route 9 – Grant



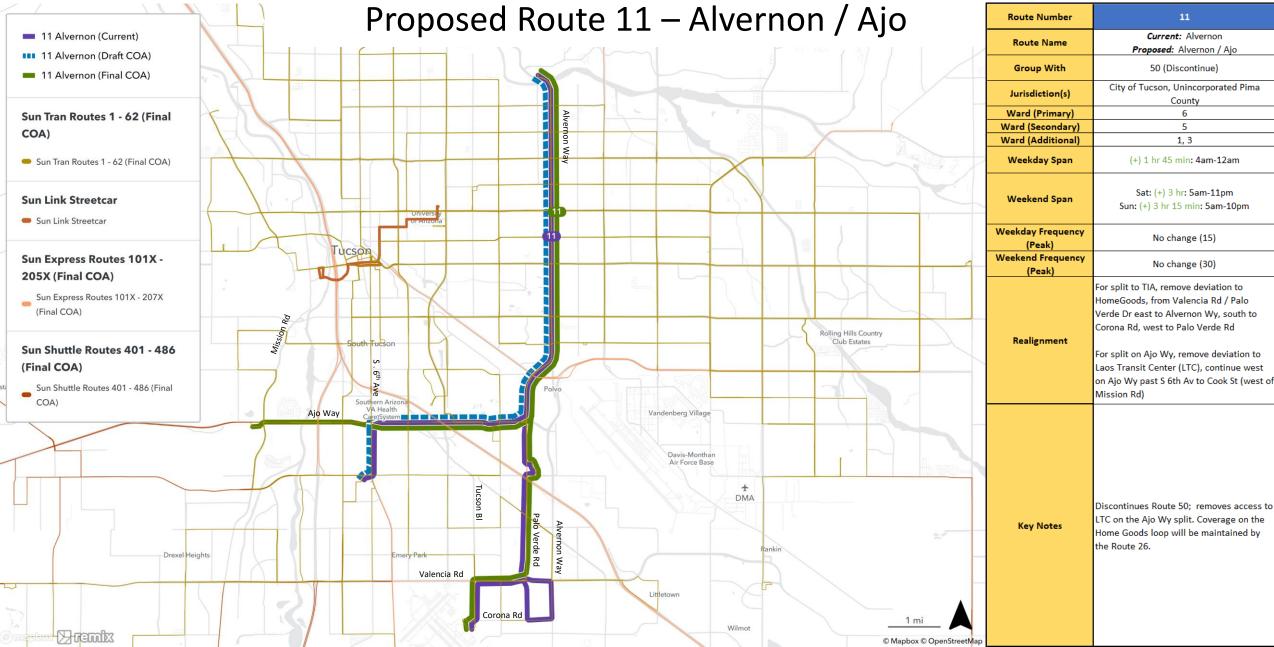


# Route 10 – Flowing Wells



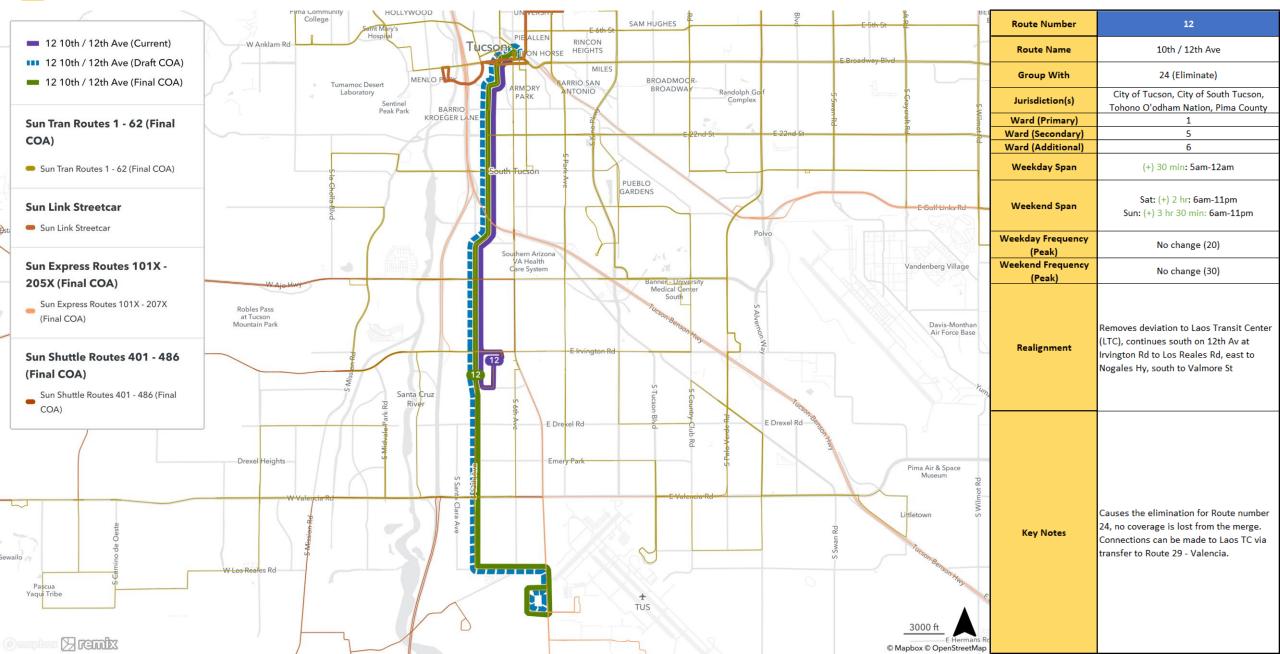


#### Route 11 – Alvernon



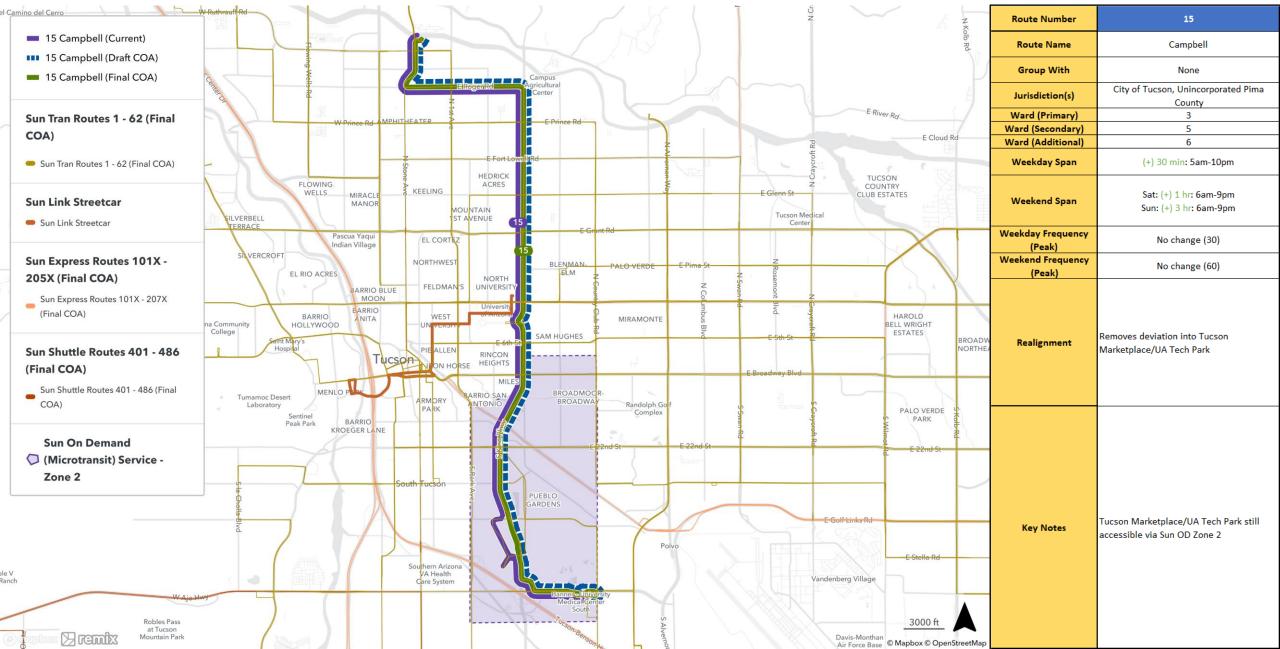


# Route $12 - 10^{th} / 12^{th}$ Ave





### Route 15 – Campbell



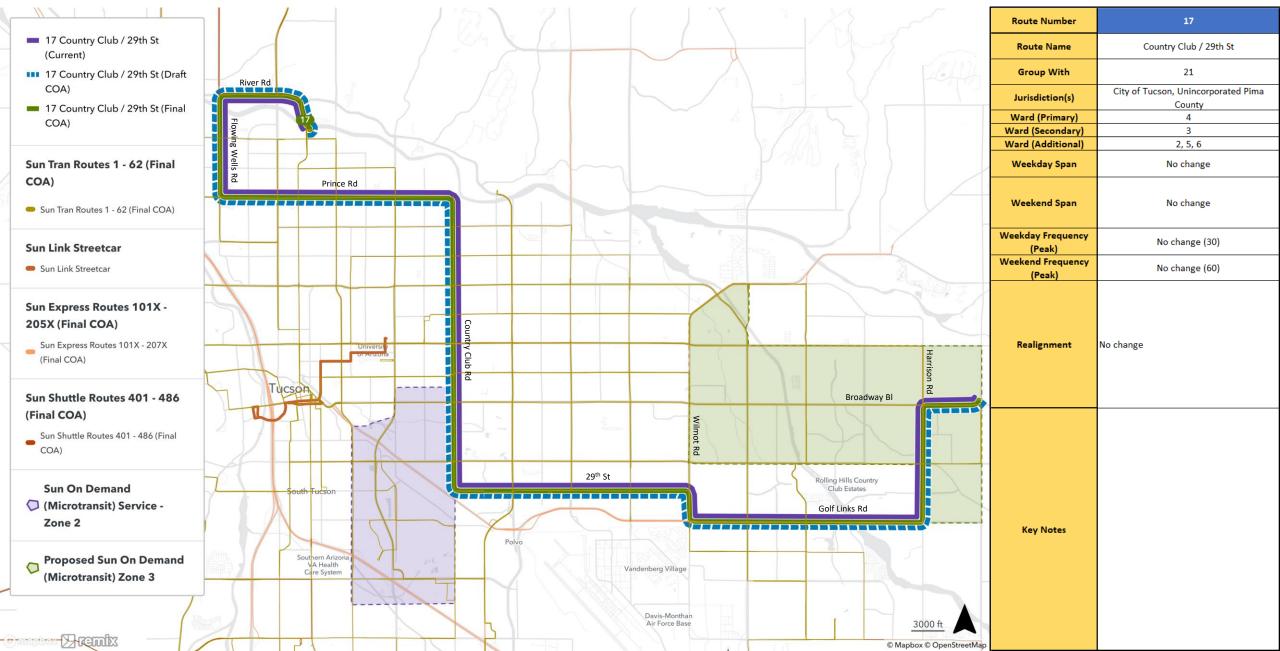


#### Route 16 – Oracle



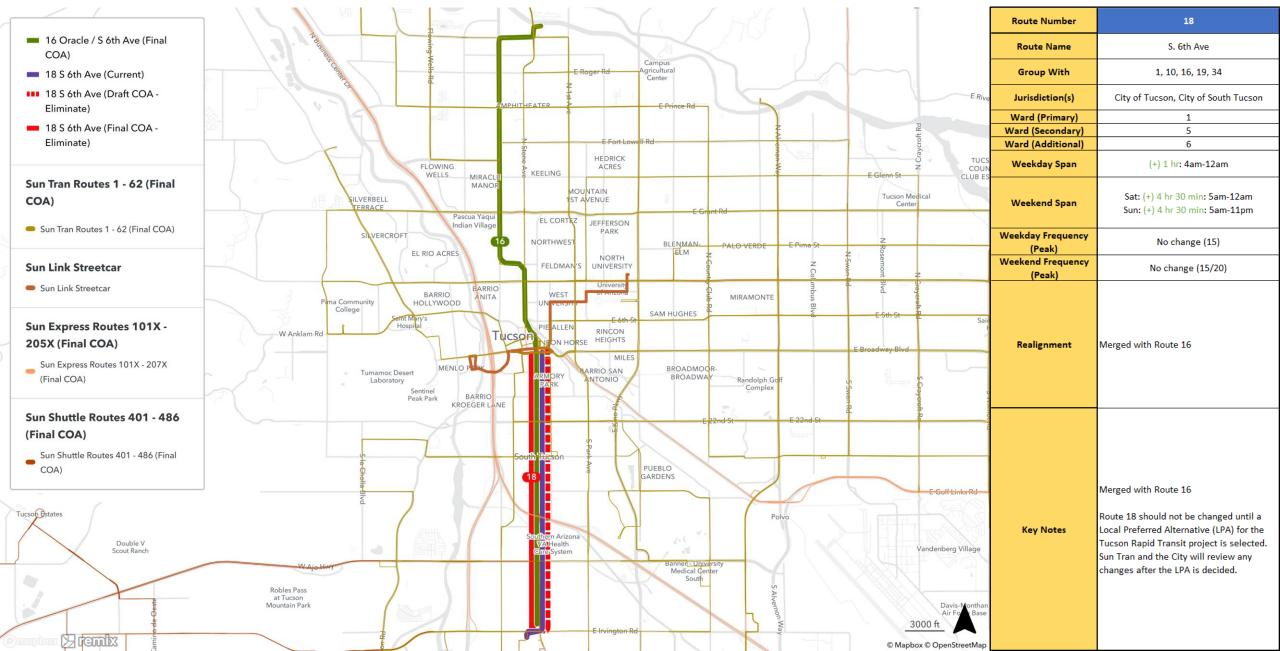


# Route 17 – Country Club / 29<sup>th</sup> St



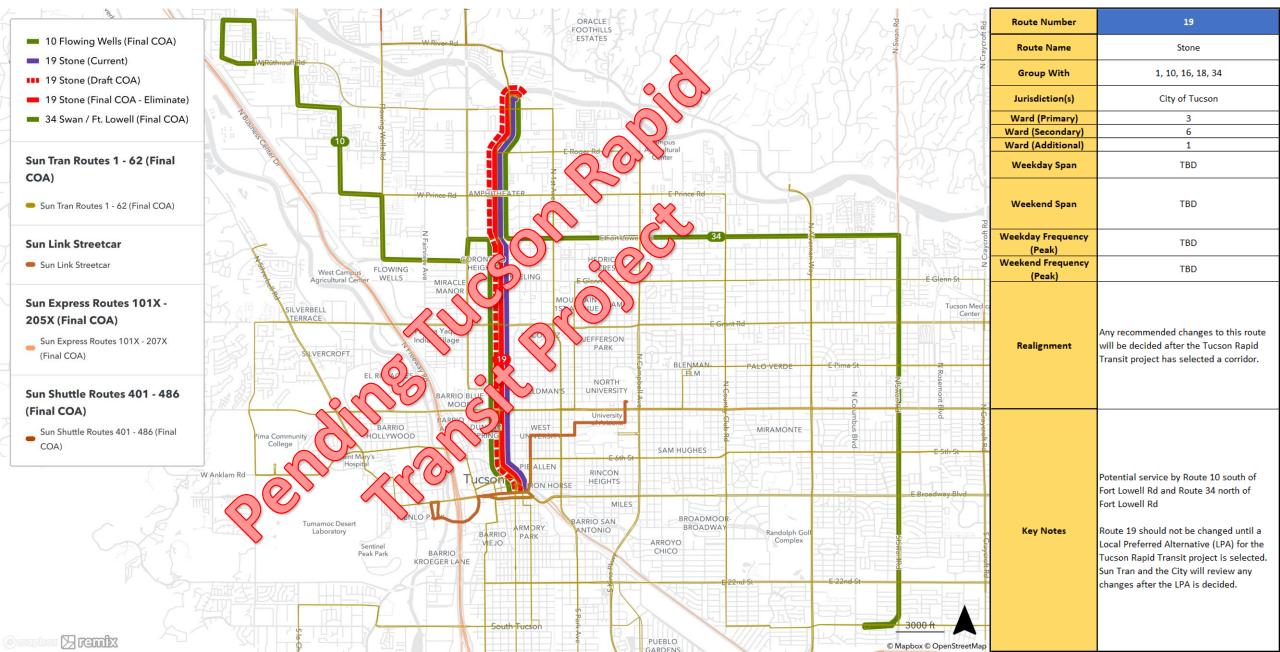


### Suntran Proposed \*Merge\* Route 18 – S. 6<sup>th</sup> Ave



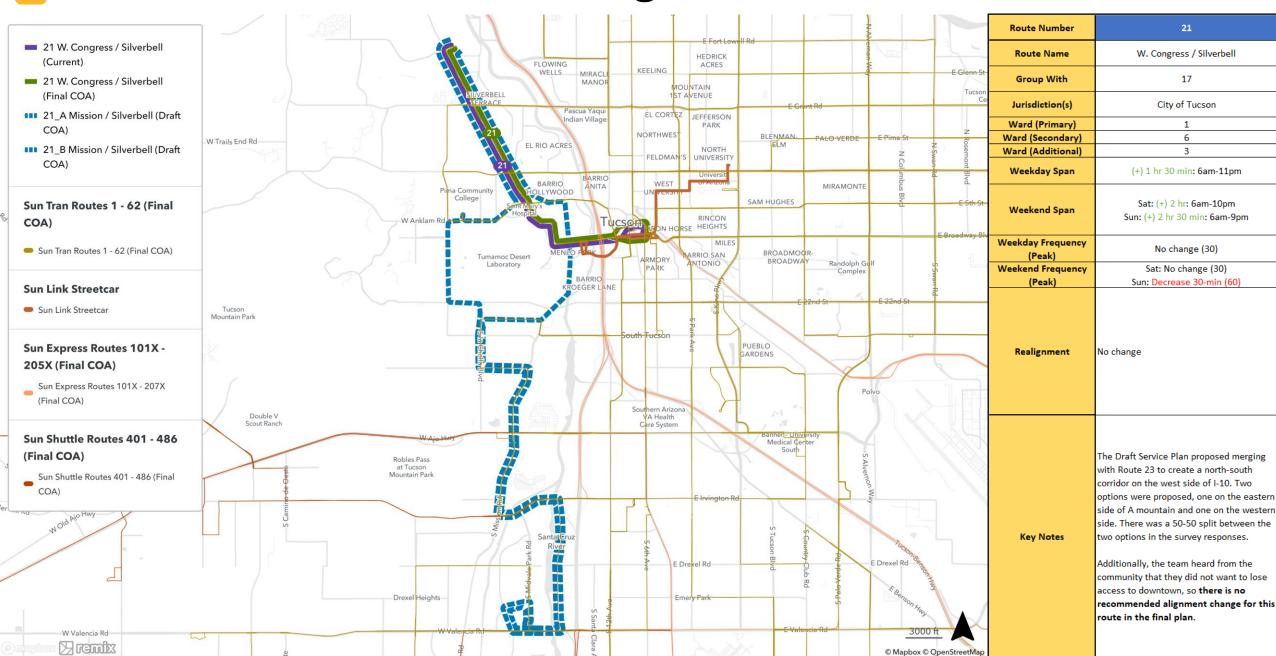


#### Route 19 – Stone



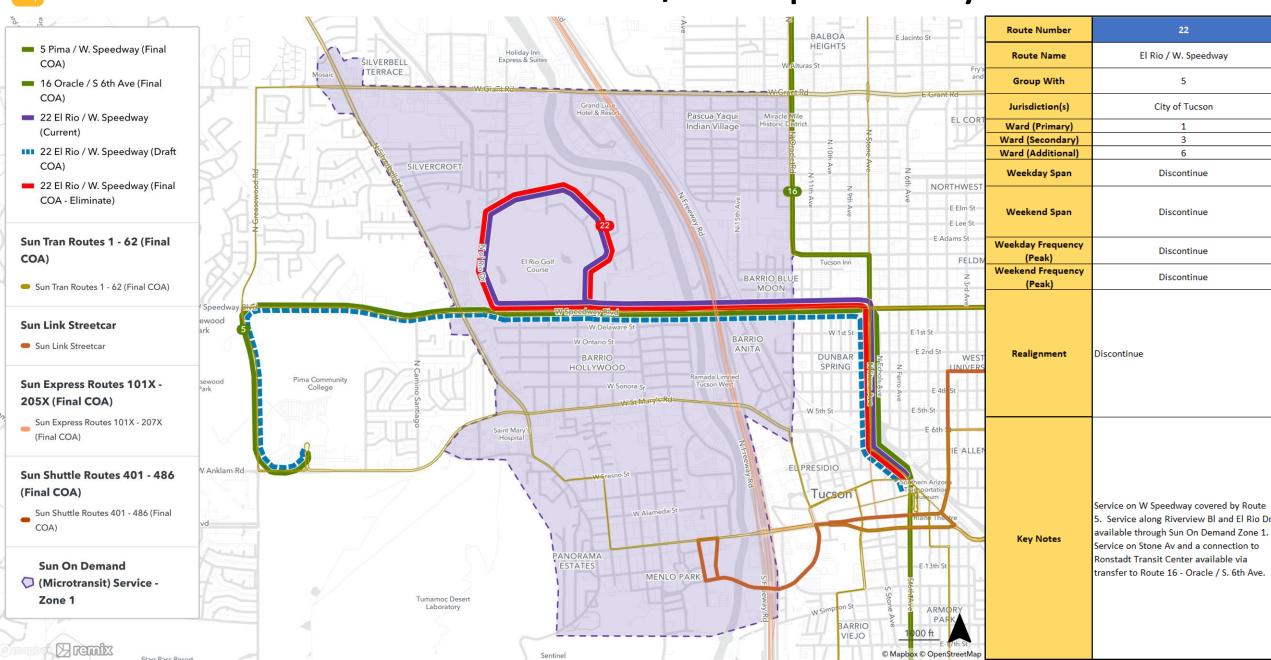


# Route 21 – W. Congress St / Silverbell



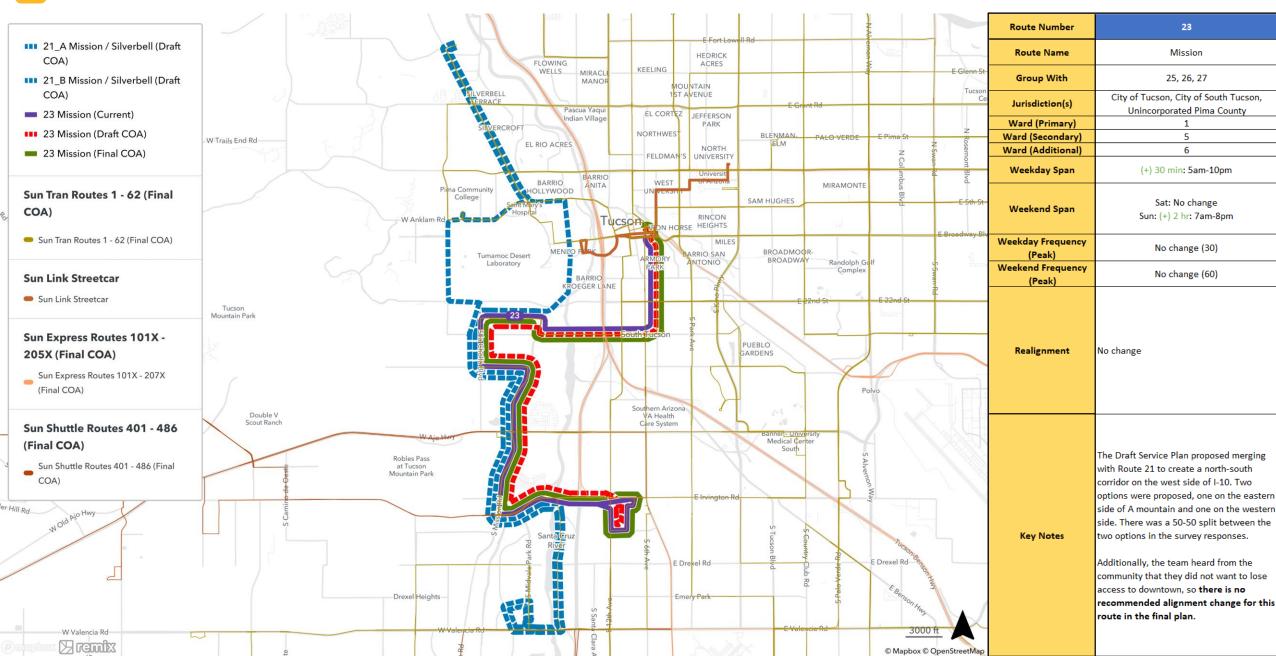


# Route 22 – El Rio / W. Speedway



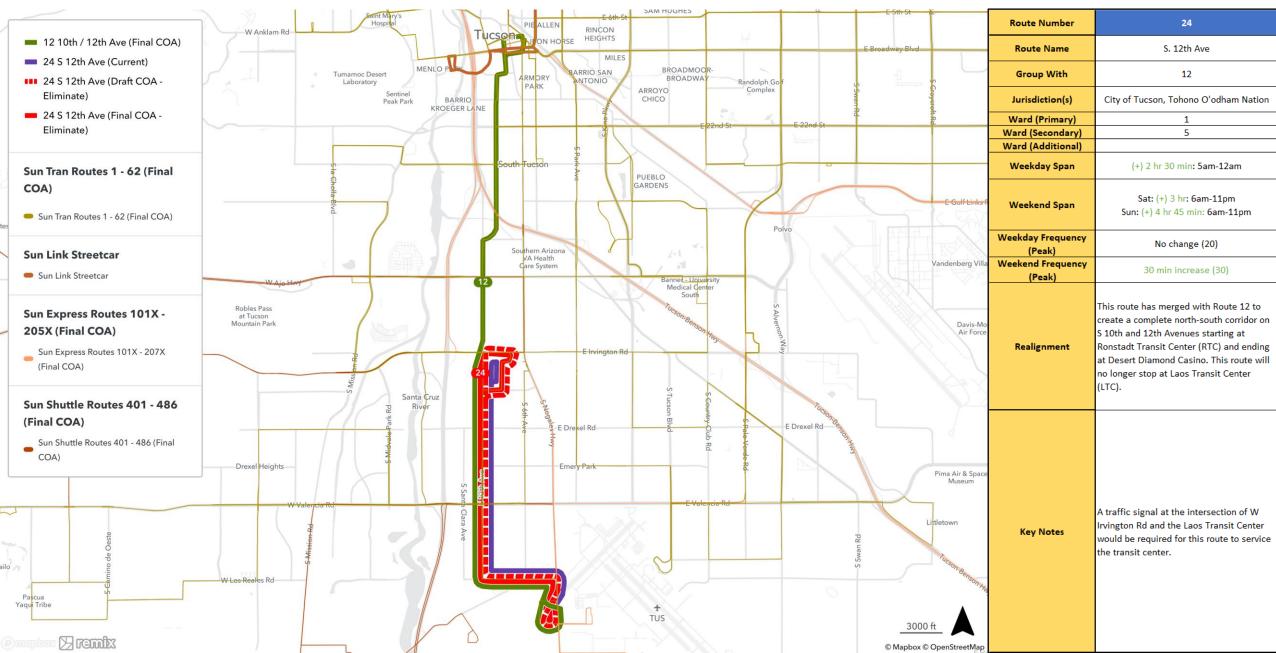


#### Route 23 – Mission



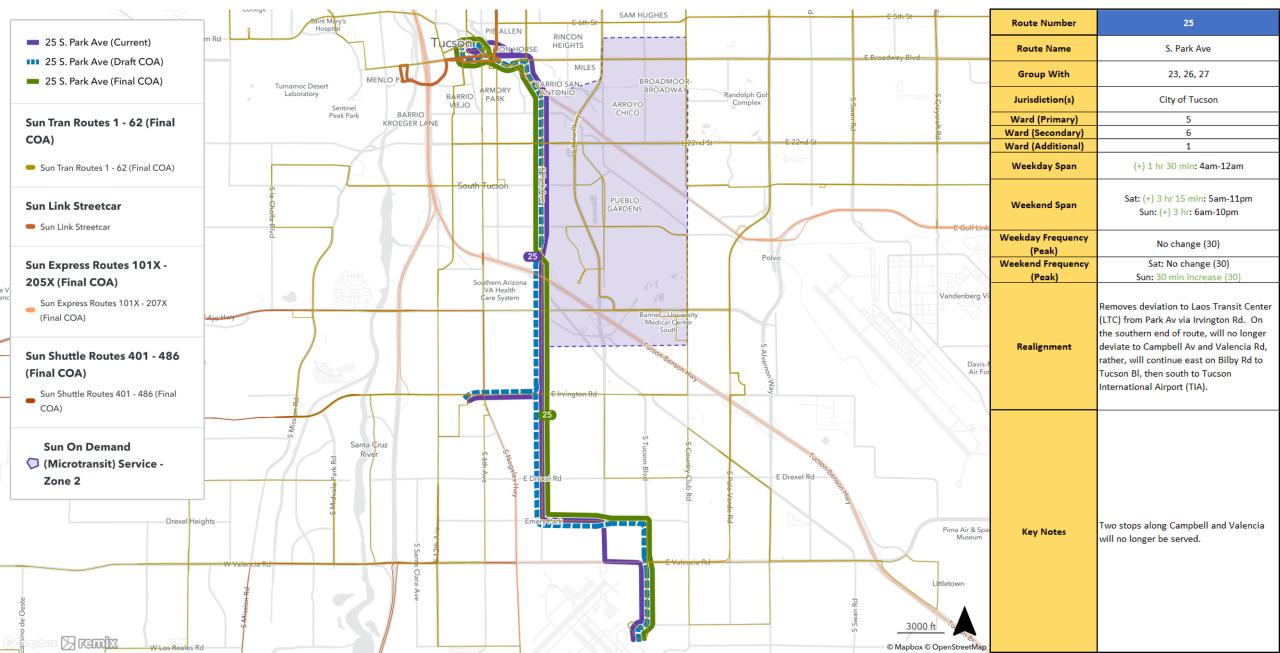


# Suntran Proposed \*Merge\* Route 24 – S. 12<sup>th</sup> Ave



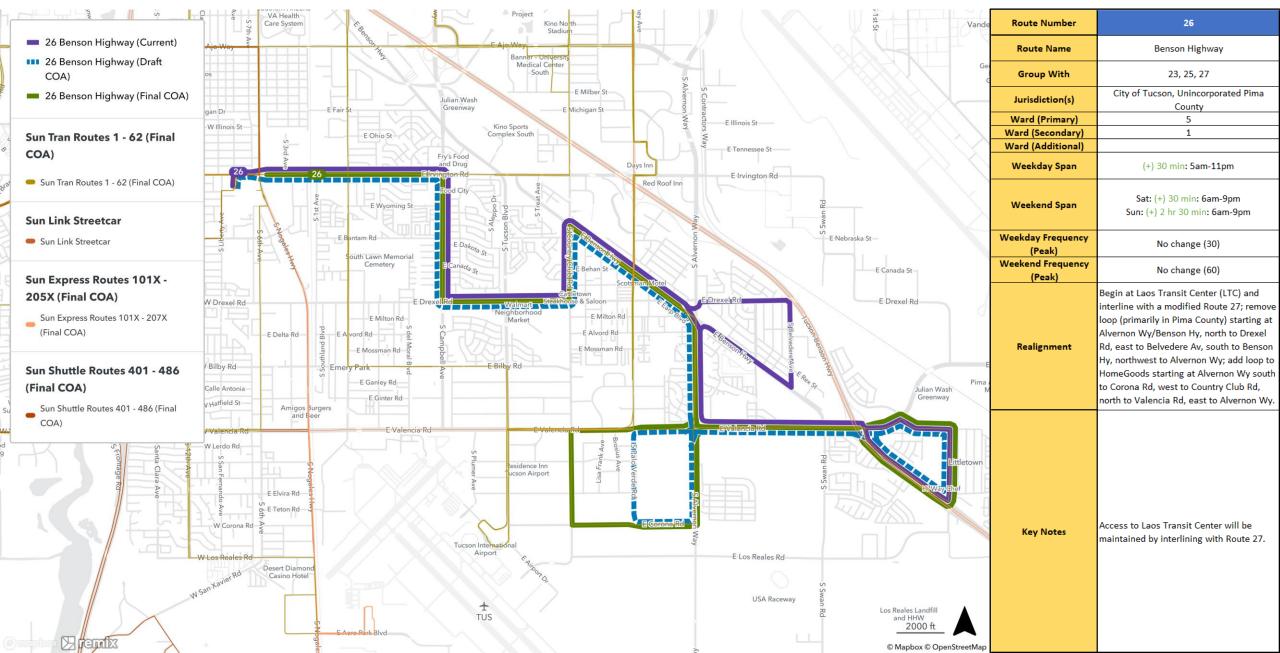


#### Route 25 – S. Park Ave



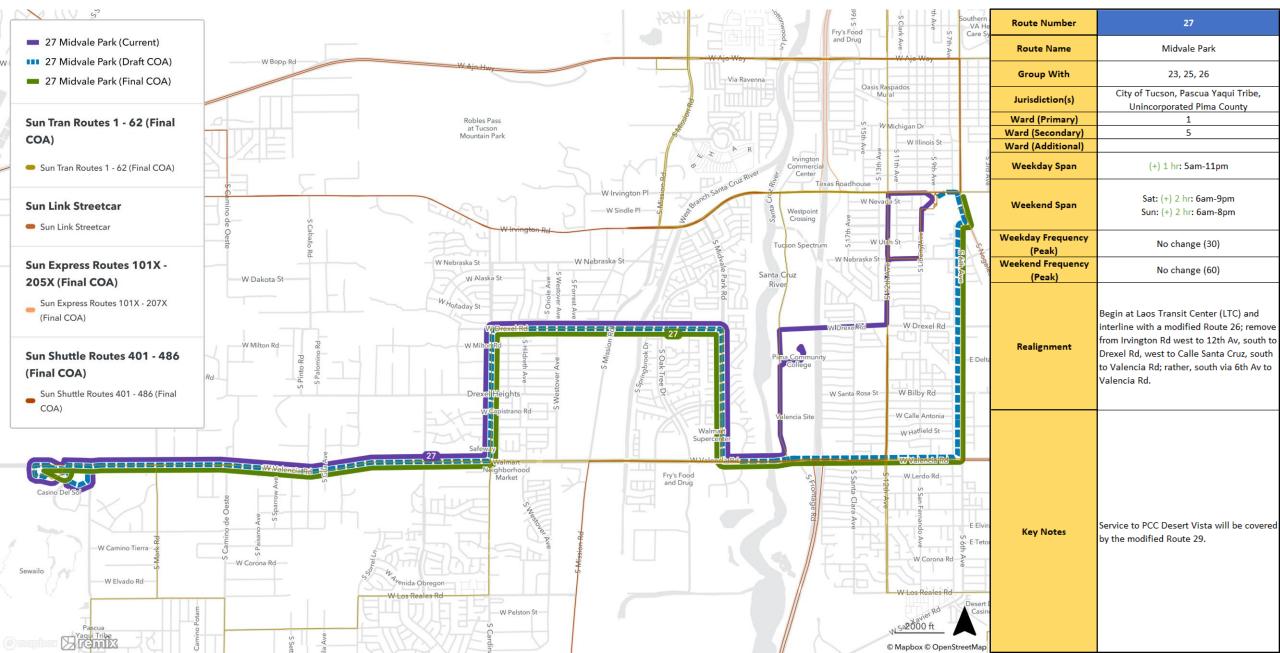


### Route 26 – Benson Highway



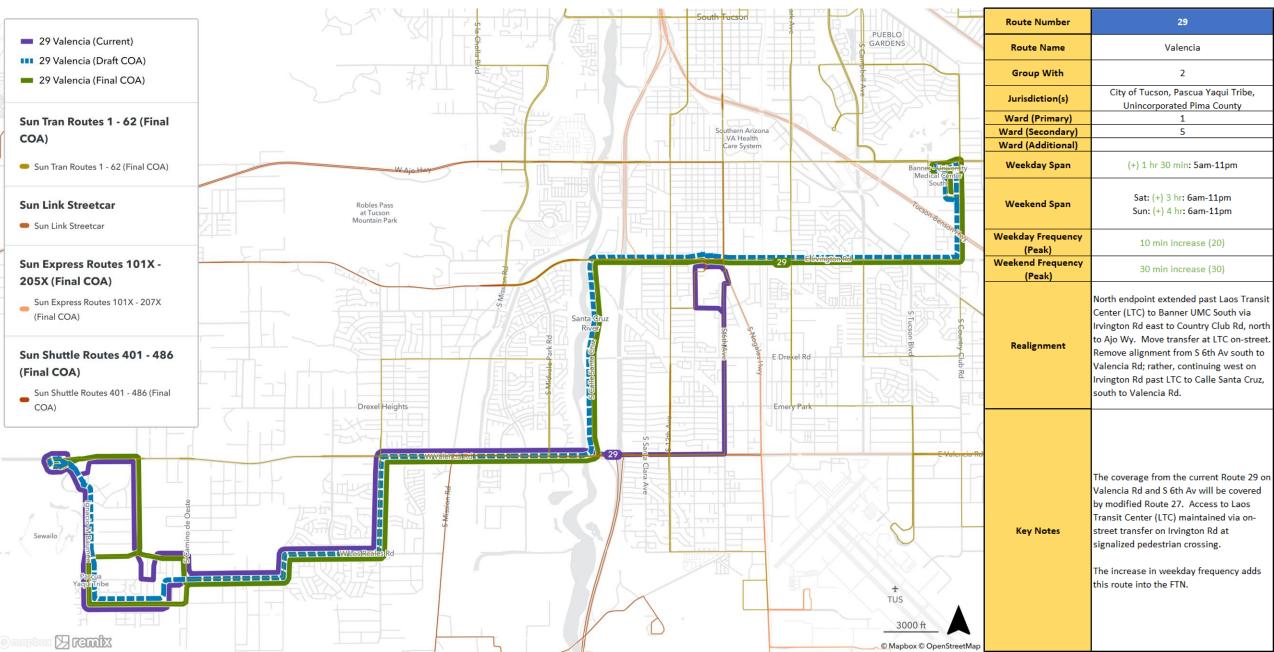


#### Route 27 – Midvale Park



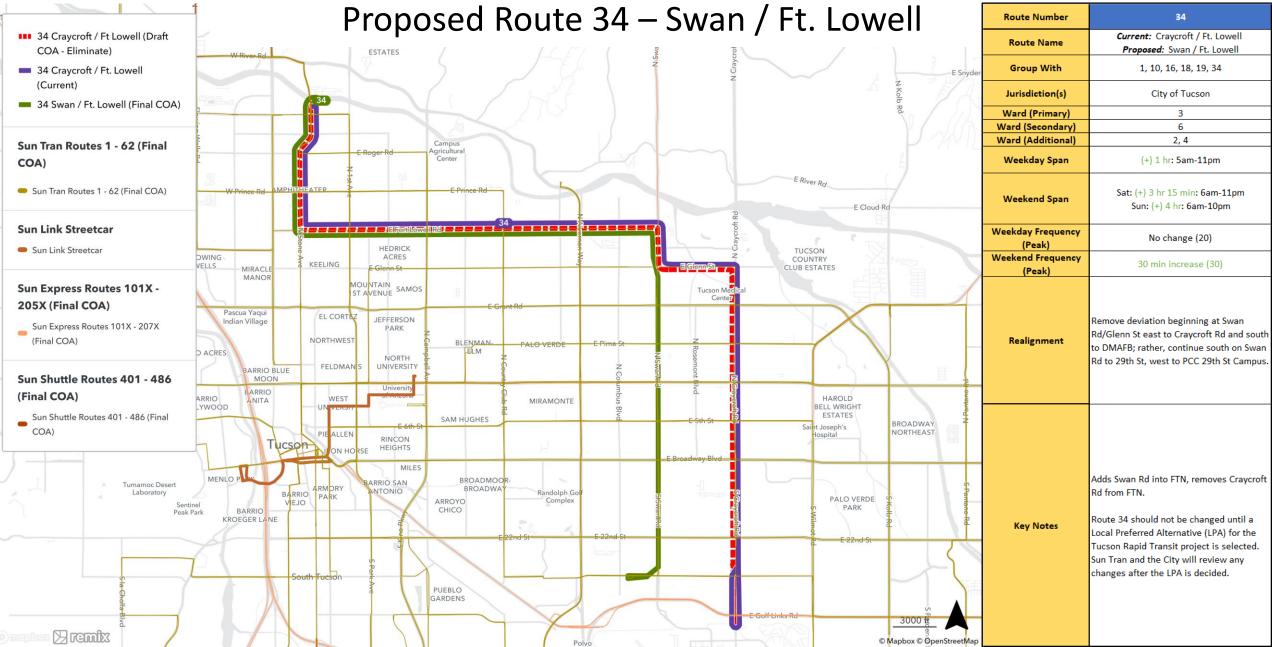


#### Route 29 – Valencia



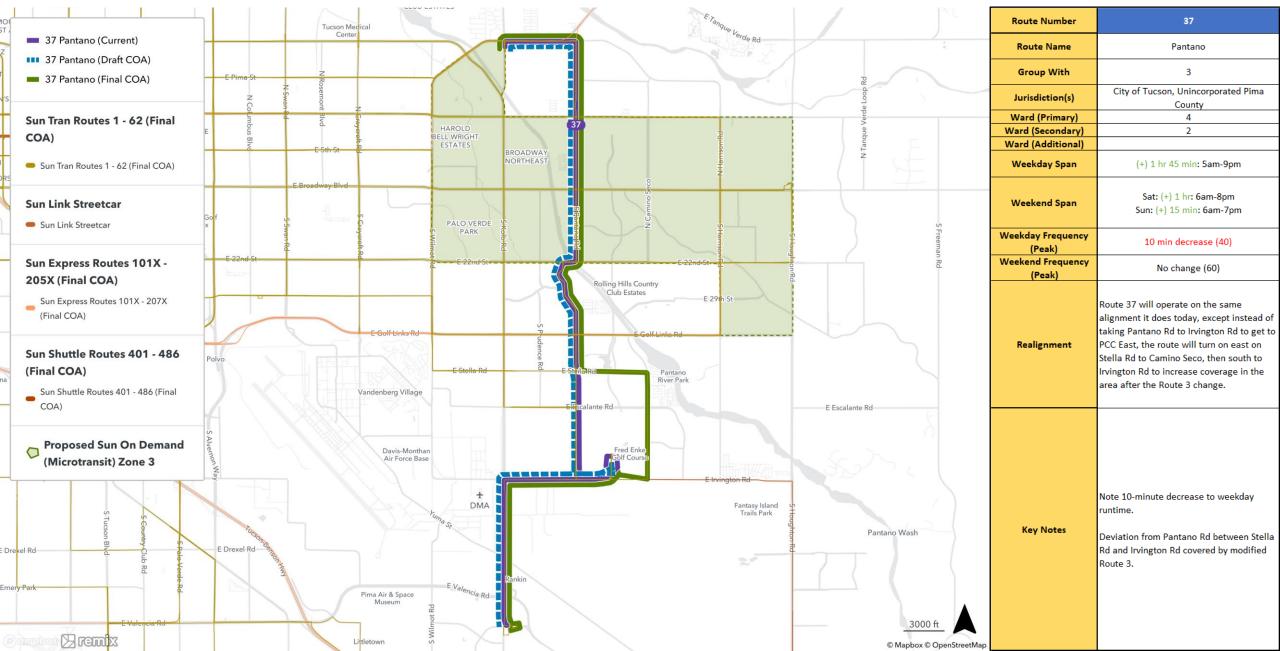


### Route 34 – Craycroft / Ft. Lowell



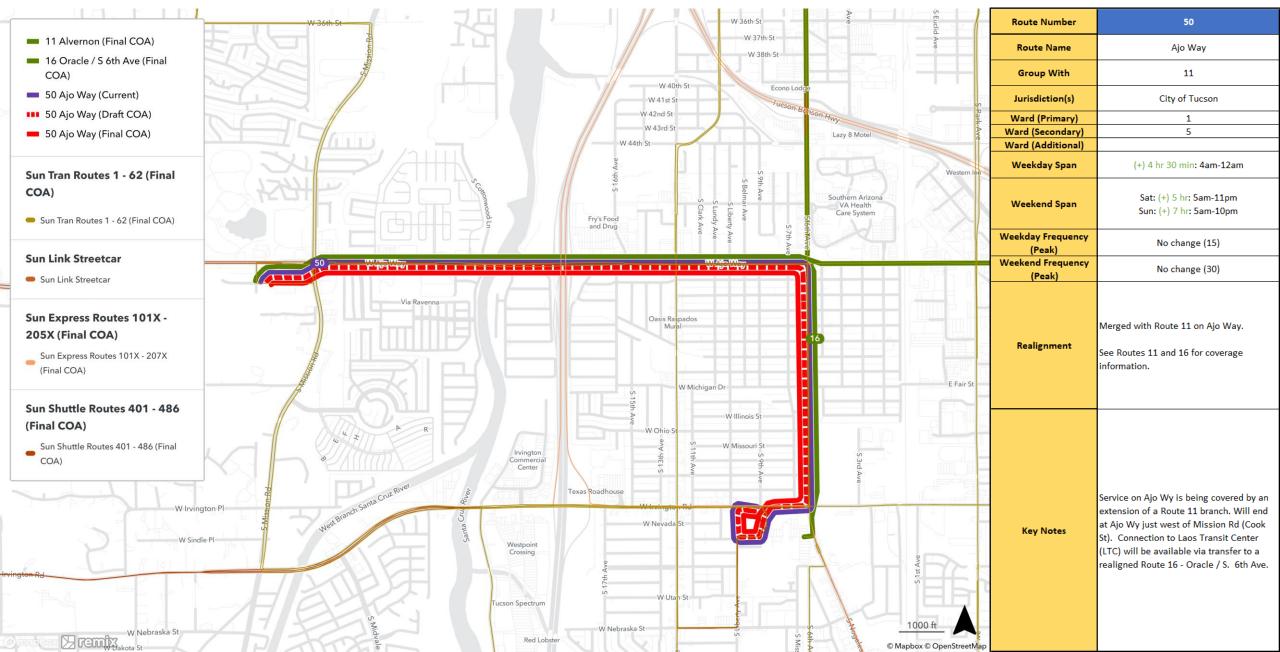


#### Route 37 – Pantano



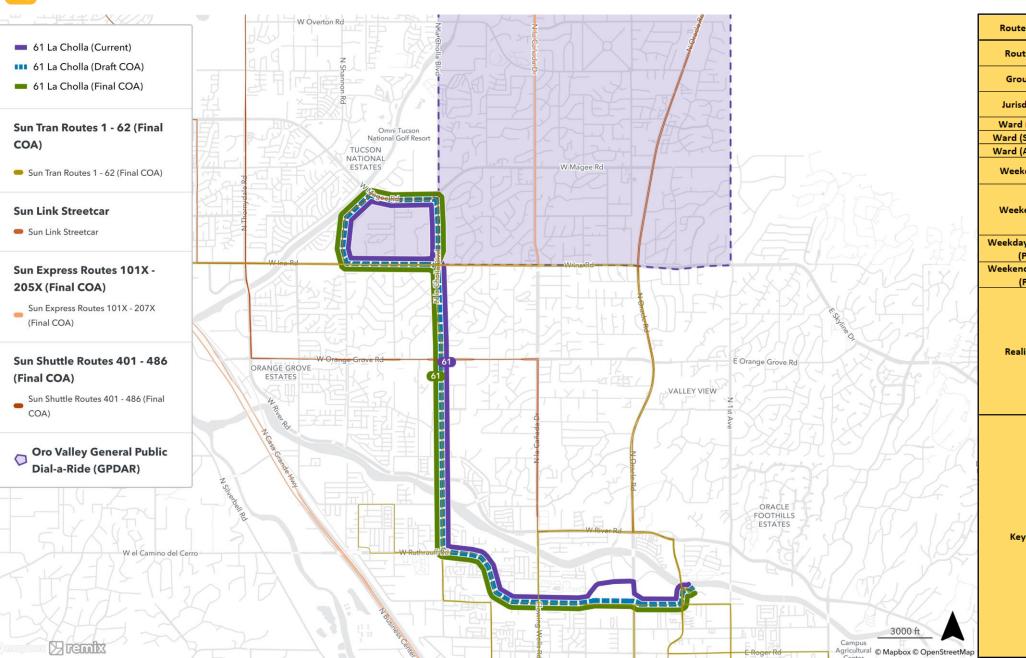


# Proposed \*Merge\* Route 50 – Ajo Wy



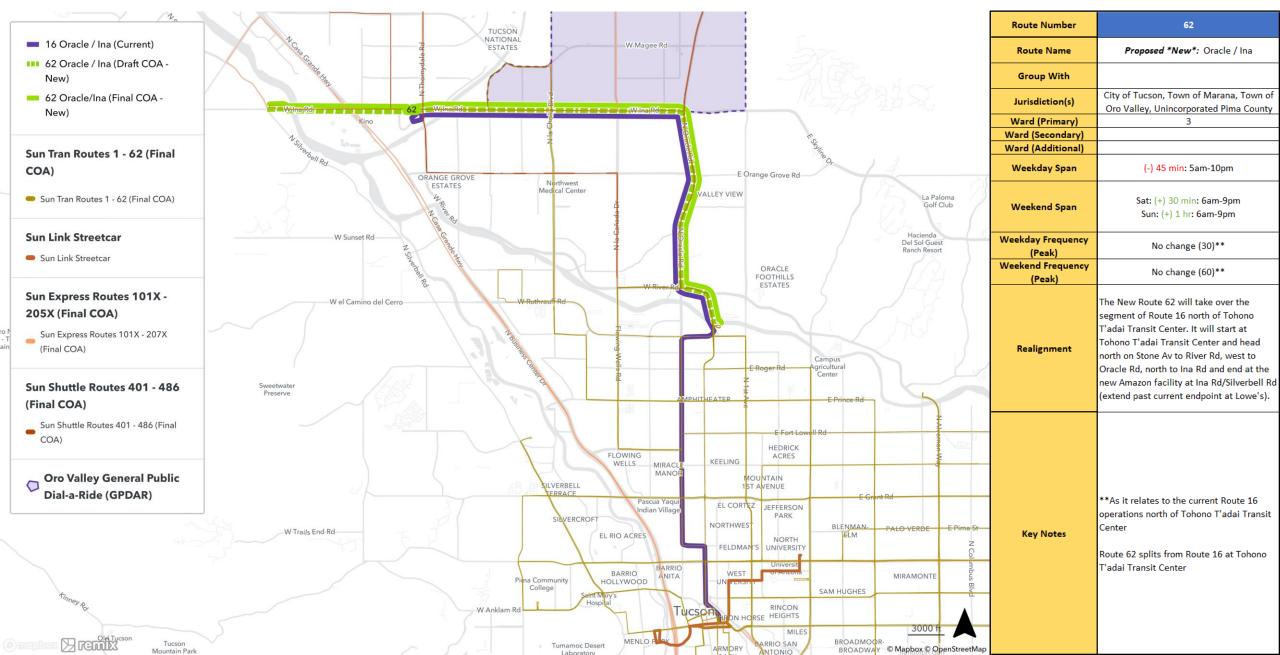


### Route 61 – La Cholla Bl



_		
	Route Number	61
	Route Name	La Cholla
	Group With	
	Jurisdiction(s)	City of Tucson, Unincorporated Pima County
Н	Ward (Primary)	3
Н	Ward (Secondary)	<u> </u>
Н	Ward (Additional)	
	Weekday Span	(+) 1 hr 30 min: 6am-9pm
	Weekend Span	Sat: (+) 2 hr: 6am-9pm Sun: (+) 2 hr: 7am-9pm
	Weekday Frequency (Peak)	No change (30)
	Weekend Frequency (Peak)	No change (60)
	Realignment	Continue straight along Wetmore Rd without deviating onto Auto Mall Dr due to low ridership.
	Key Notes	Route 61 is recommended to be operated by Sun Shuttle to better match available resources with rider demand. This would require an IGA/Memorandum of Understanding/appropriate legal document to ensure that service is not being discontinued but transferred from Sun Tran to Sun Shuttle.

# Proposed \*New\* Route 62 – Oracle / Ina



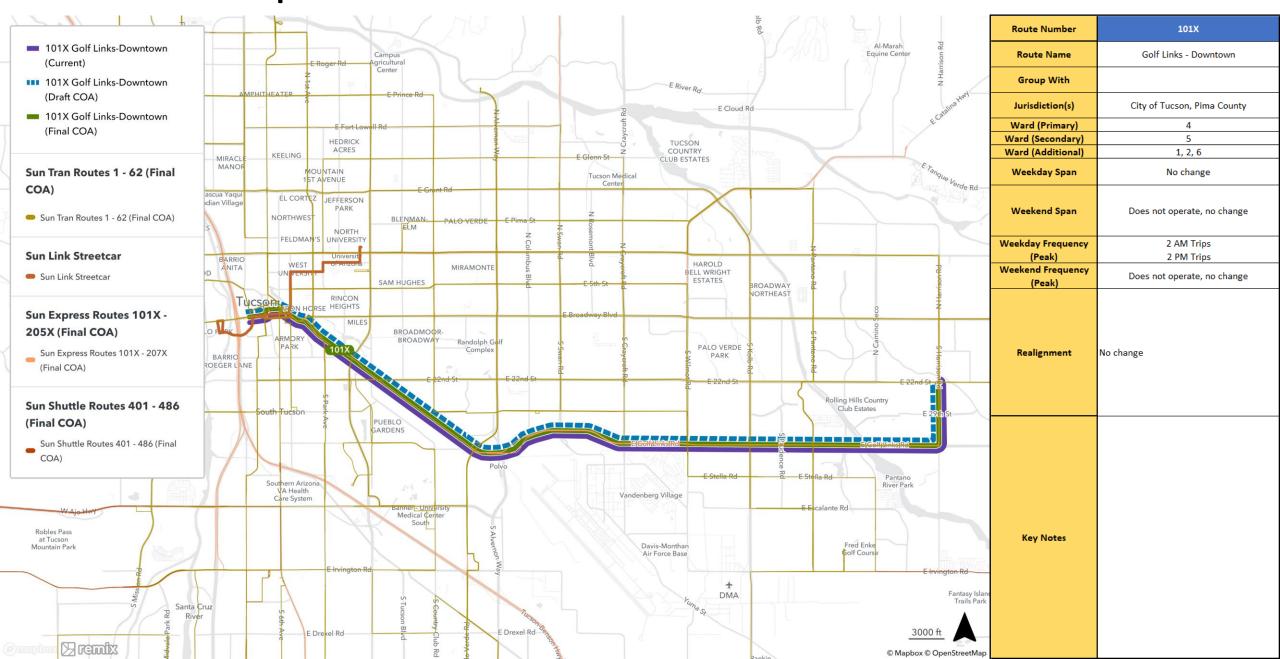
# Sun Express Routes

Routes 101X – 205X



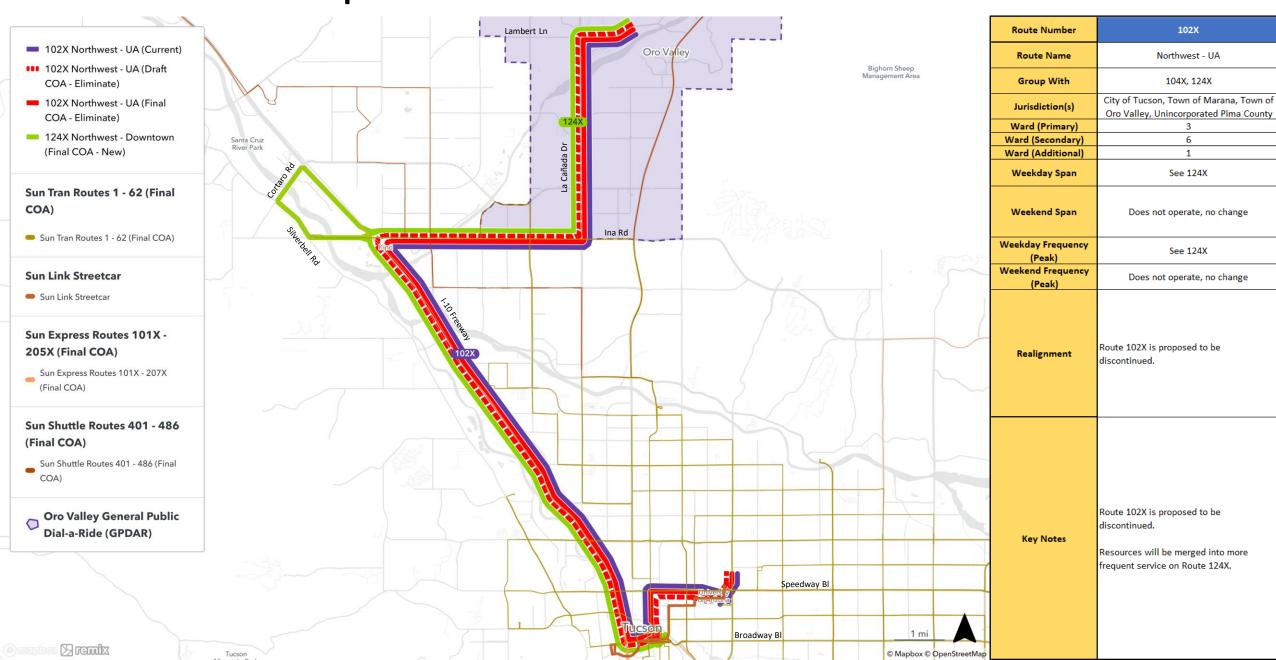


### Express 101X – Golf Link - Downtown



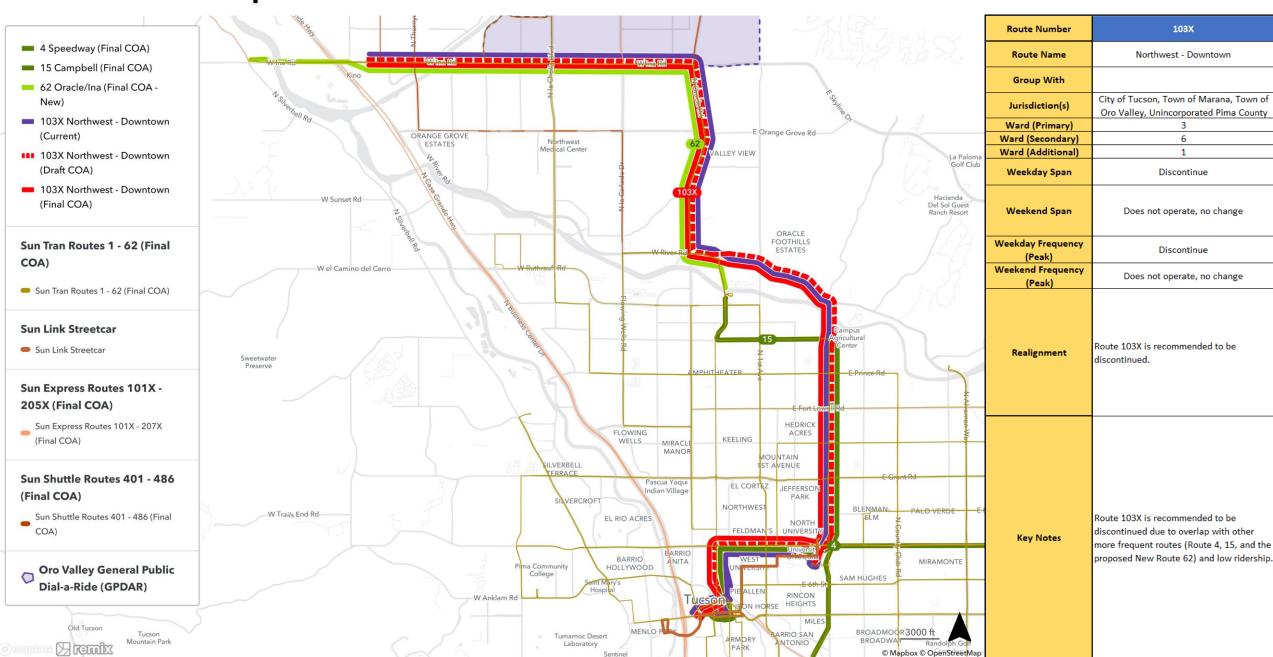


# Express 102X – Northwest - UA



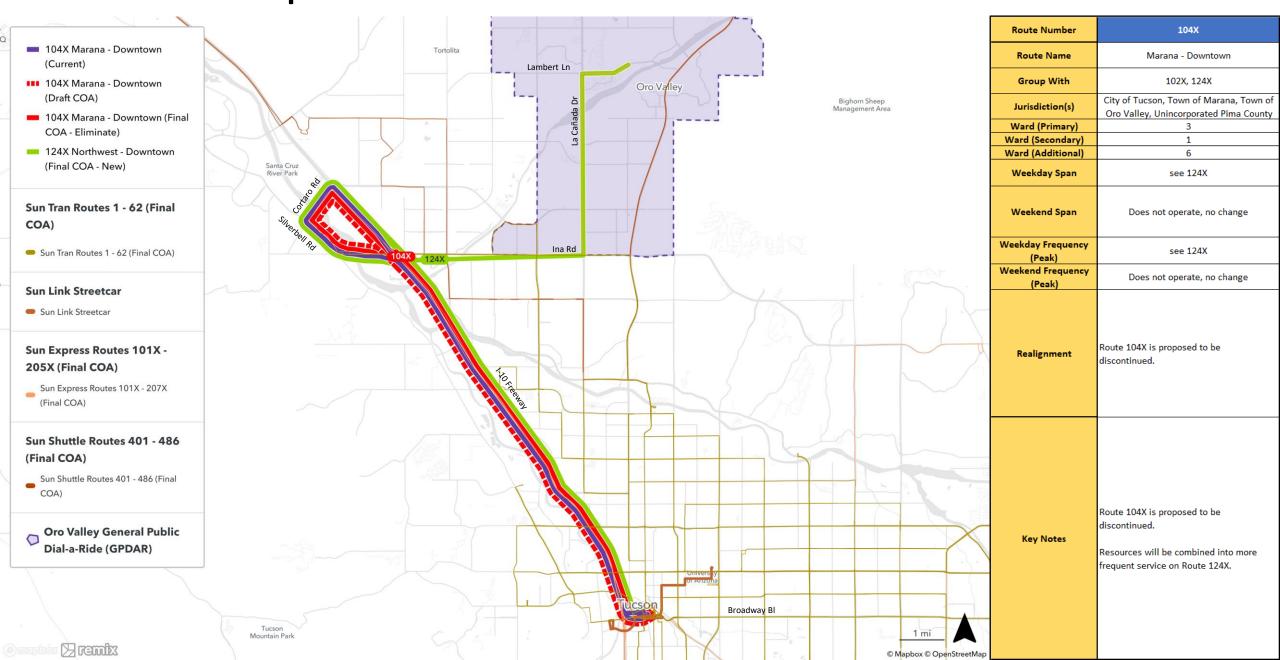


## Express 103X – Northwest - Downtown



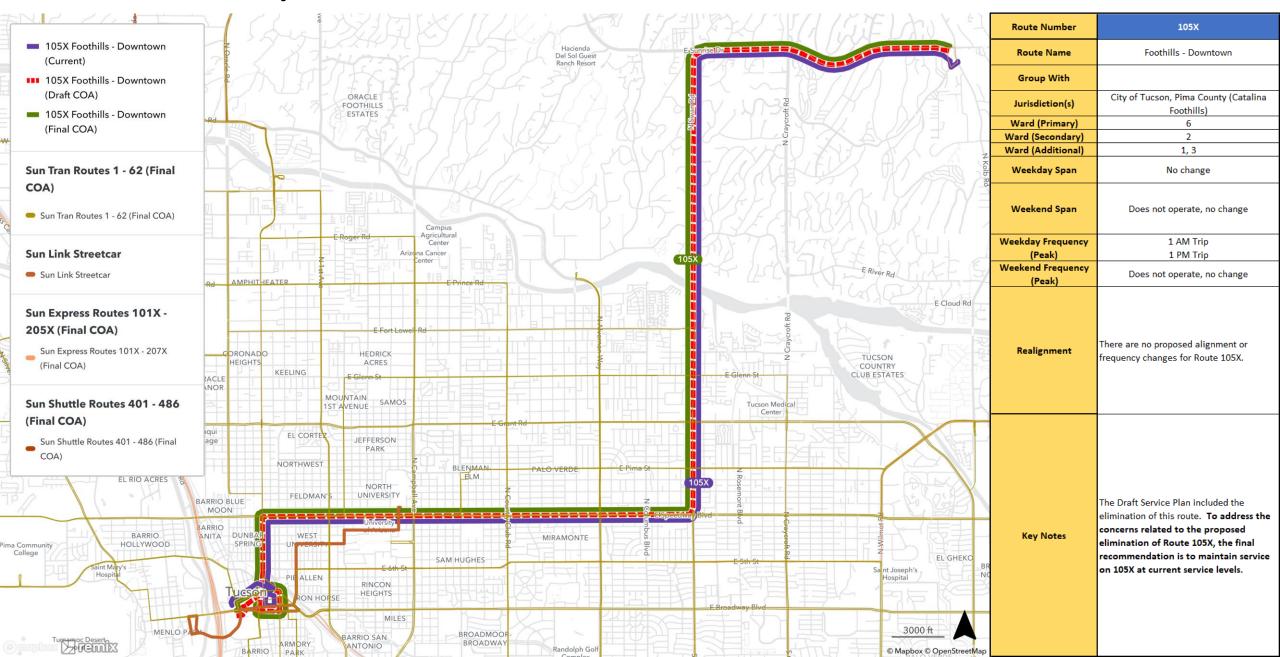


#### Express 104X – Marana - Downtown



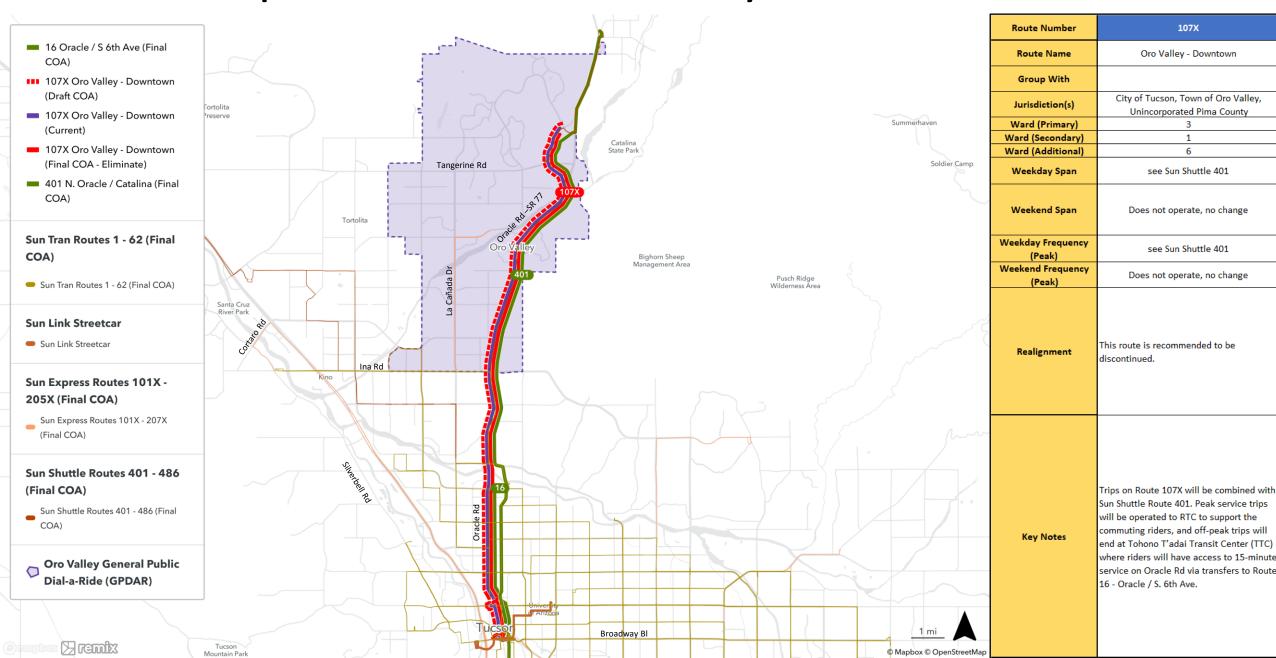


## Express 105X – Foothills - Downtown



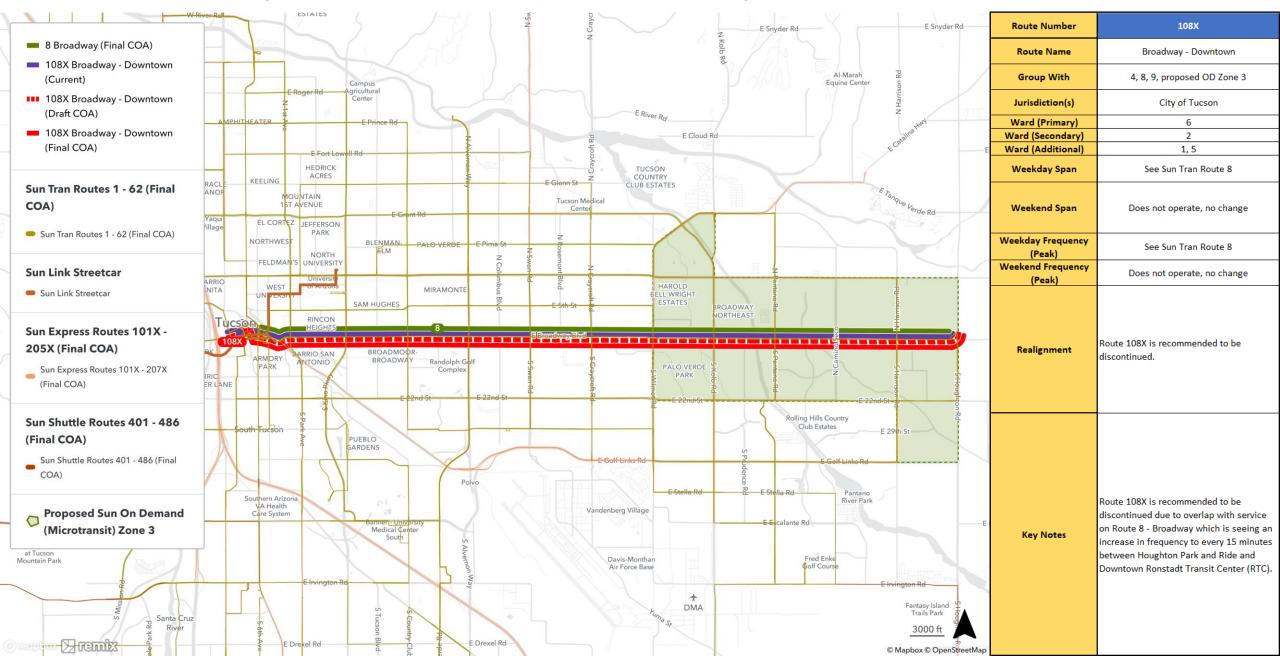


## Express 107X – Oro Valley - Downtown



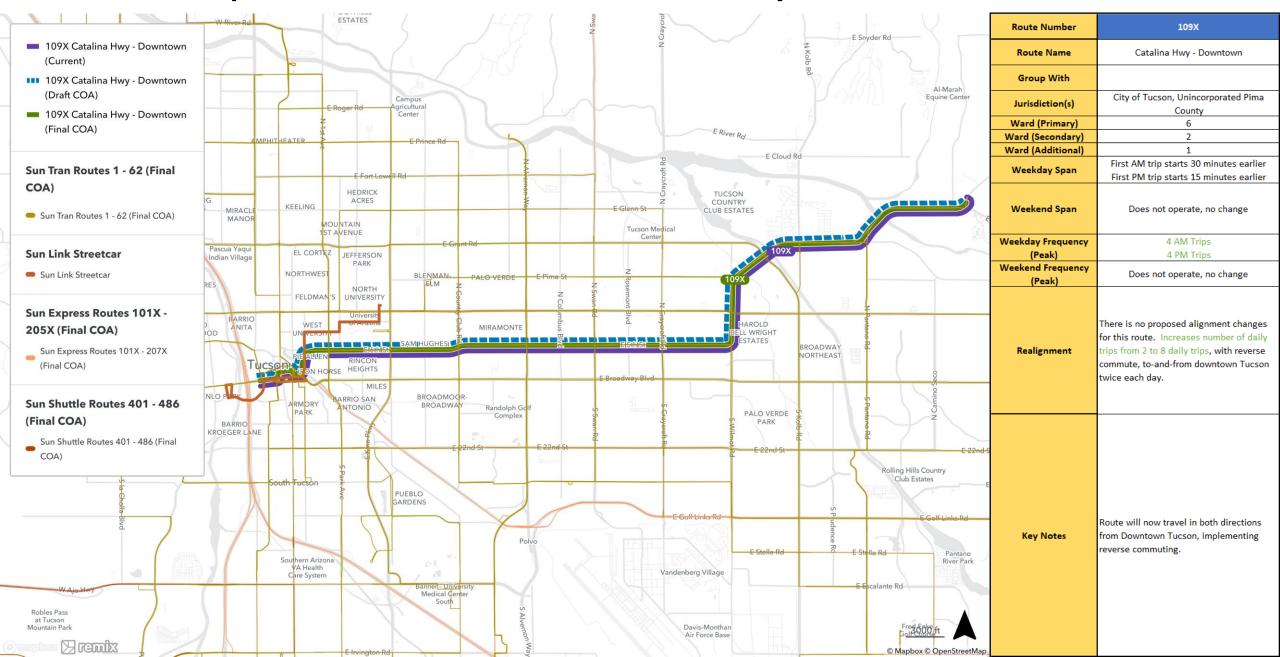


#### Express 108X – Broadway - Downtown



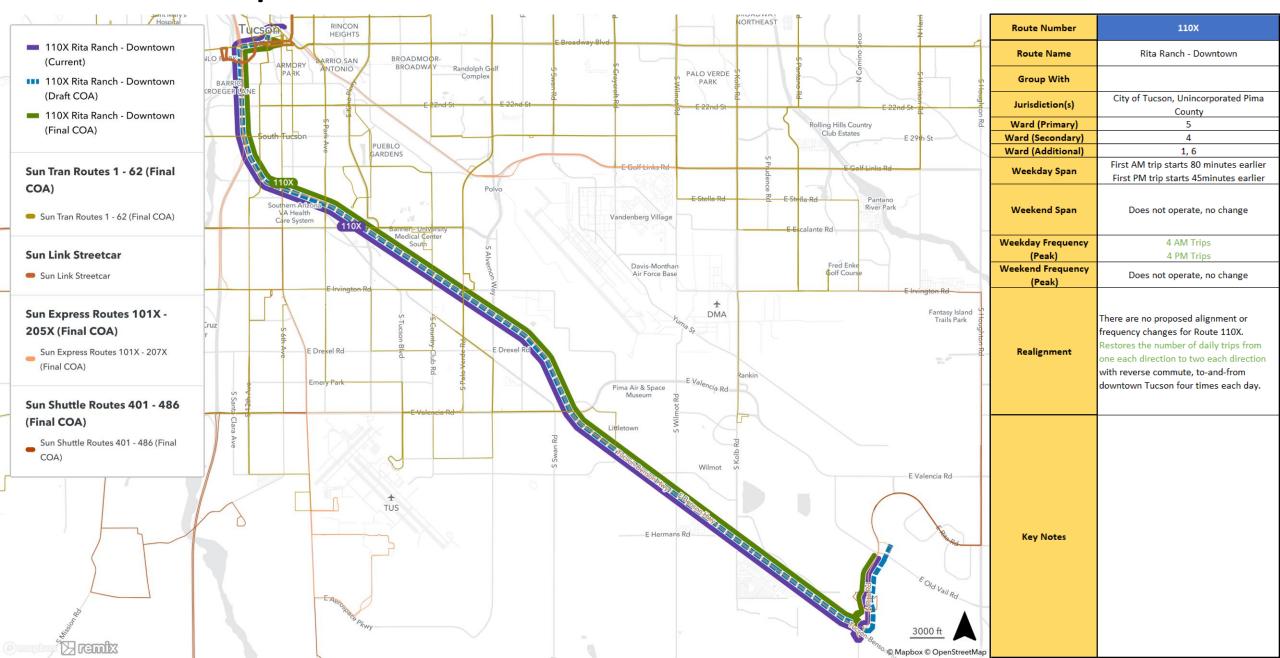


#### Sun express Express 109X – Catalina Hwy - Downtown

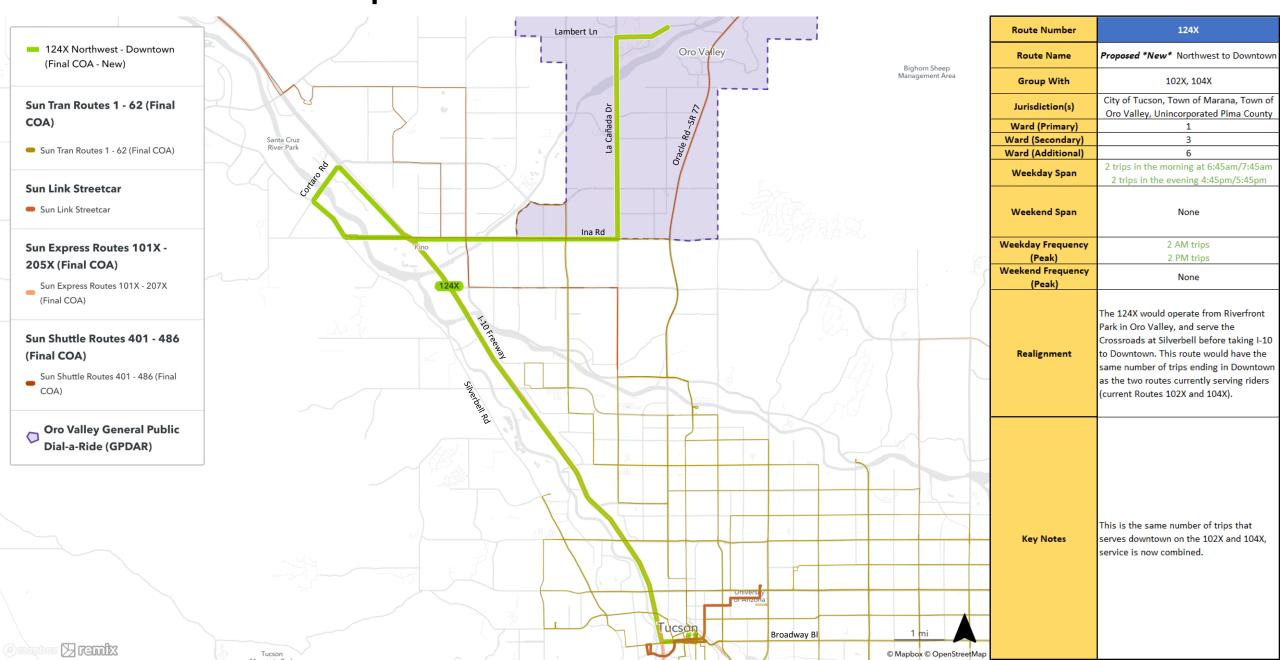




#### Express 110X – Rita Ranch - Downtown

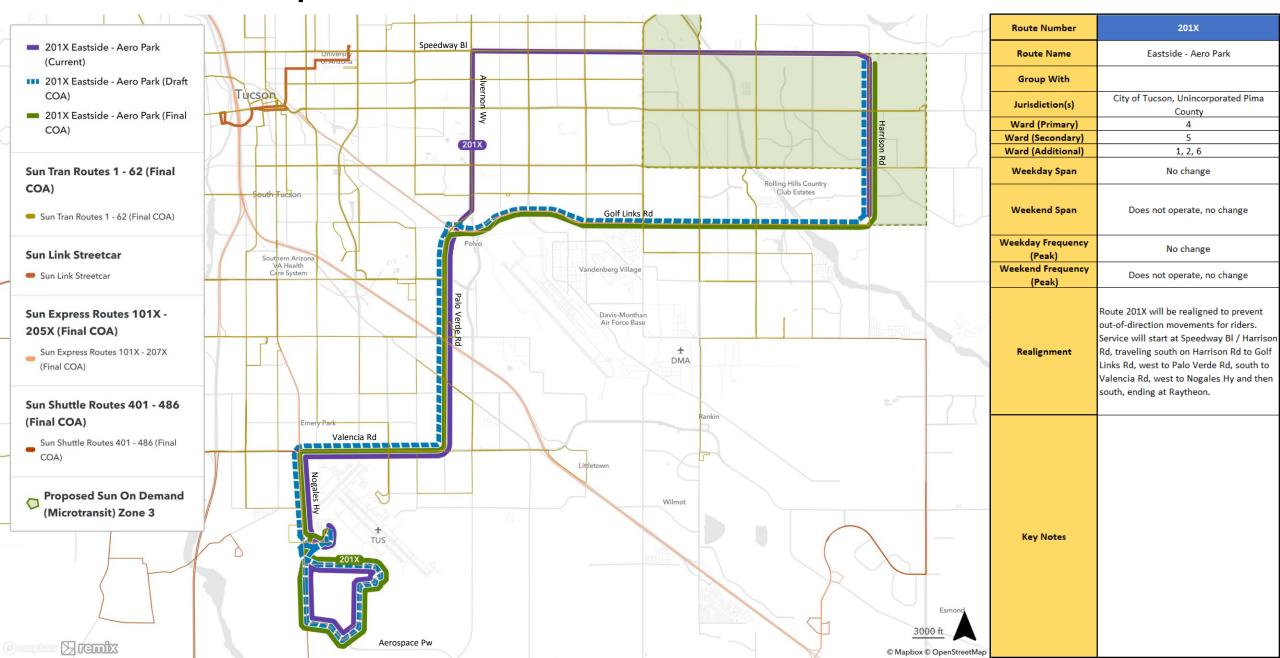


### \*New\* Express 124X – Northwest - Downtown



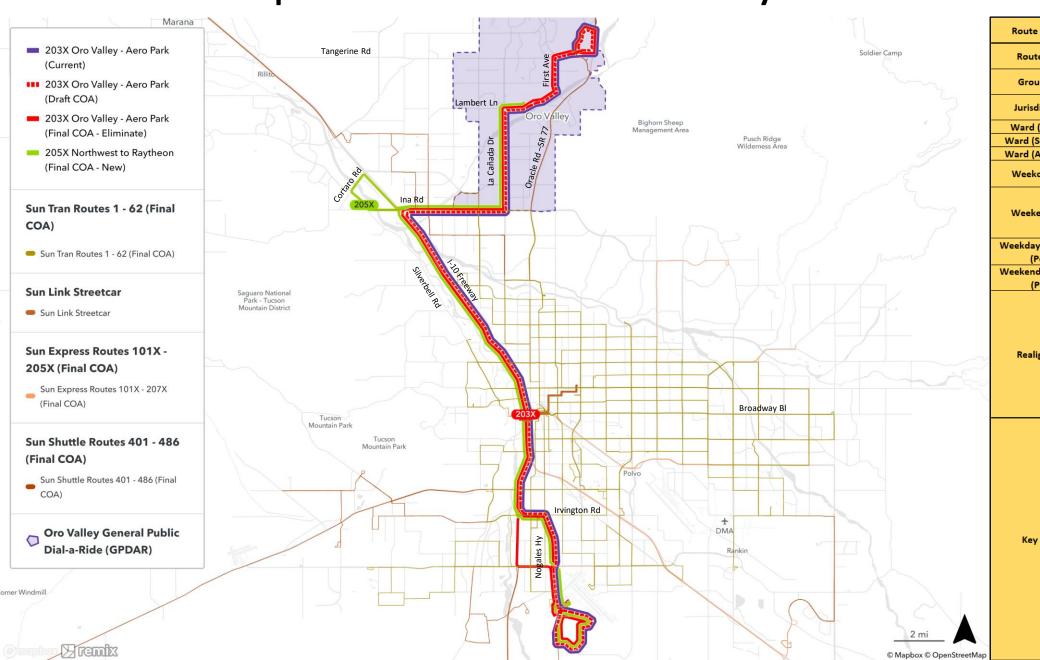


## Express 201X – Eastside - Aero Park





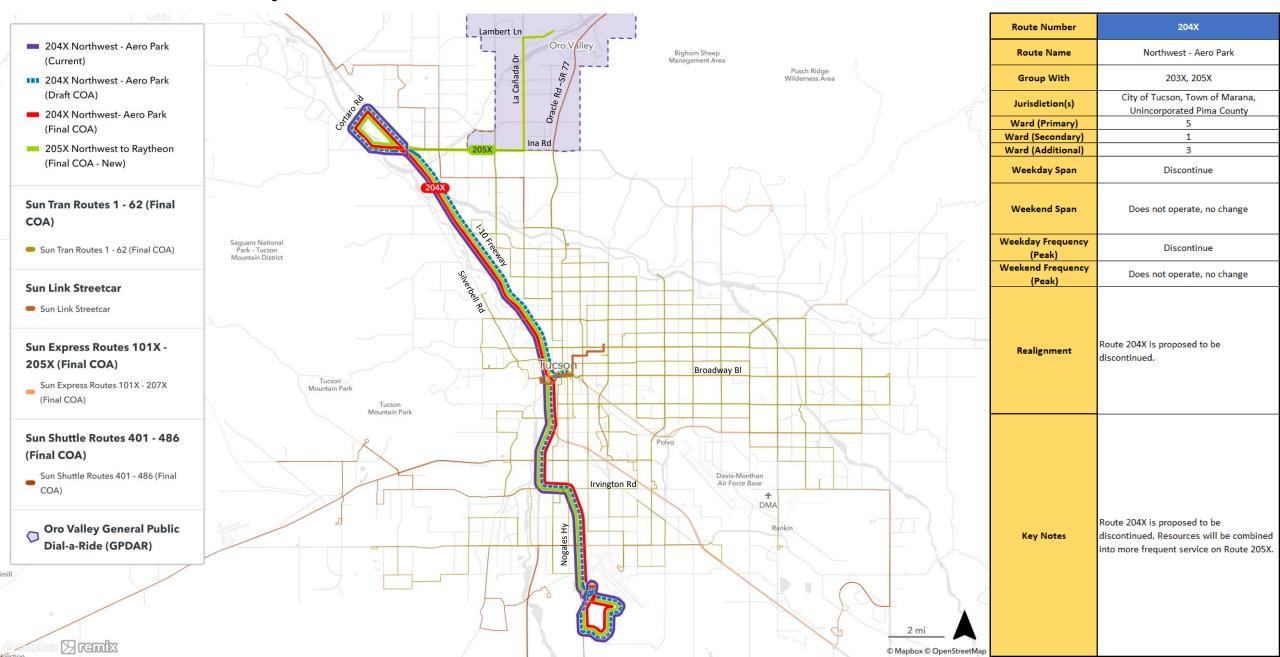
### Express 203X – Oro Valley - Aero Park



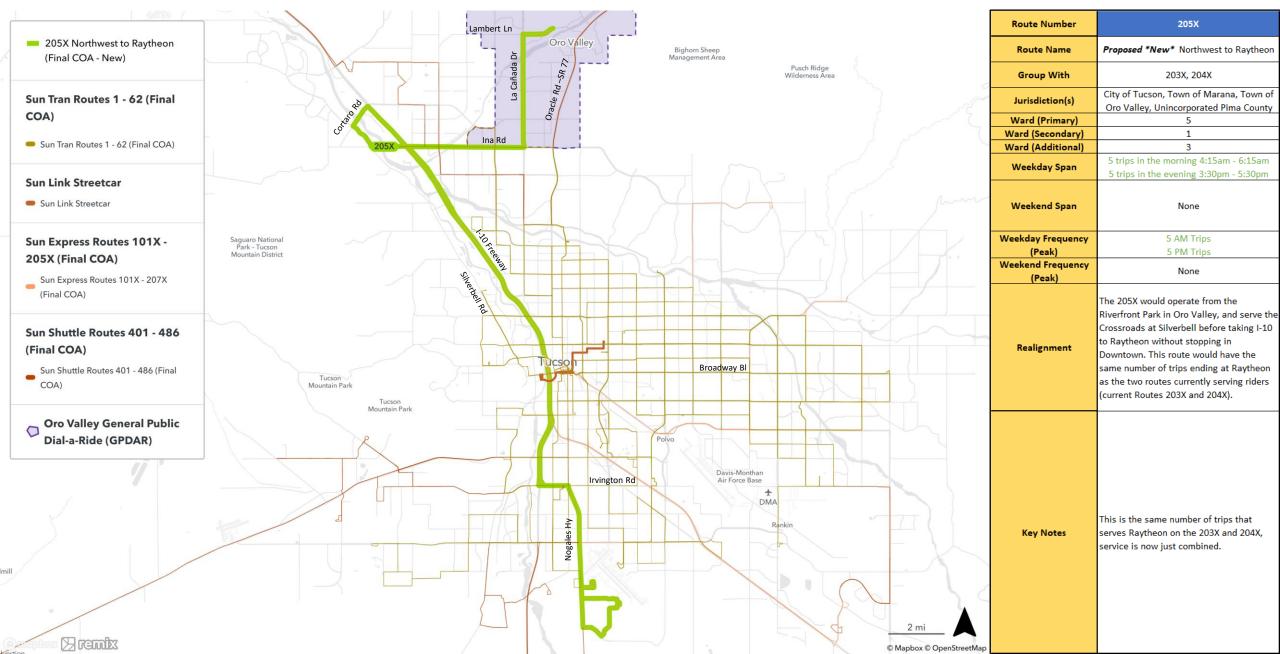
	Route Number	203X
	Route Name	Oro Valley - Aero Park
	Group With	204X, 205X
	Jurisdiction(s)	City of Tucson, Town of Marana, Town of Oro Valley, Unincorporated Pima County
	Ward (Primary)	5
	Ward (Secondary)	1
	Ward (Additional)	3
	Weekday Span	Discontinue
	Weekend Span	Does not operate, no change
	Weekday Frequency (Peak)	Discontinue
	Weekend Frequency (Peak)	Does not operate, no change
1	Realignment	Route 203X is proposed to be discontinued.
ар	Key Notes	Route 203X is proposed to be discontinued. Resources will be combined into more frequent service on Route 205X.



### Express 204X – Northwest - Aero Park



## Sun express\*New\* Express 205X — Northwest - Raytheon



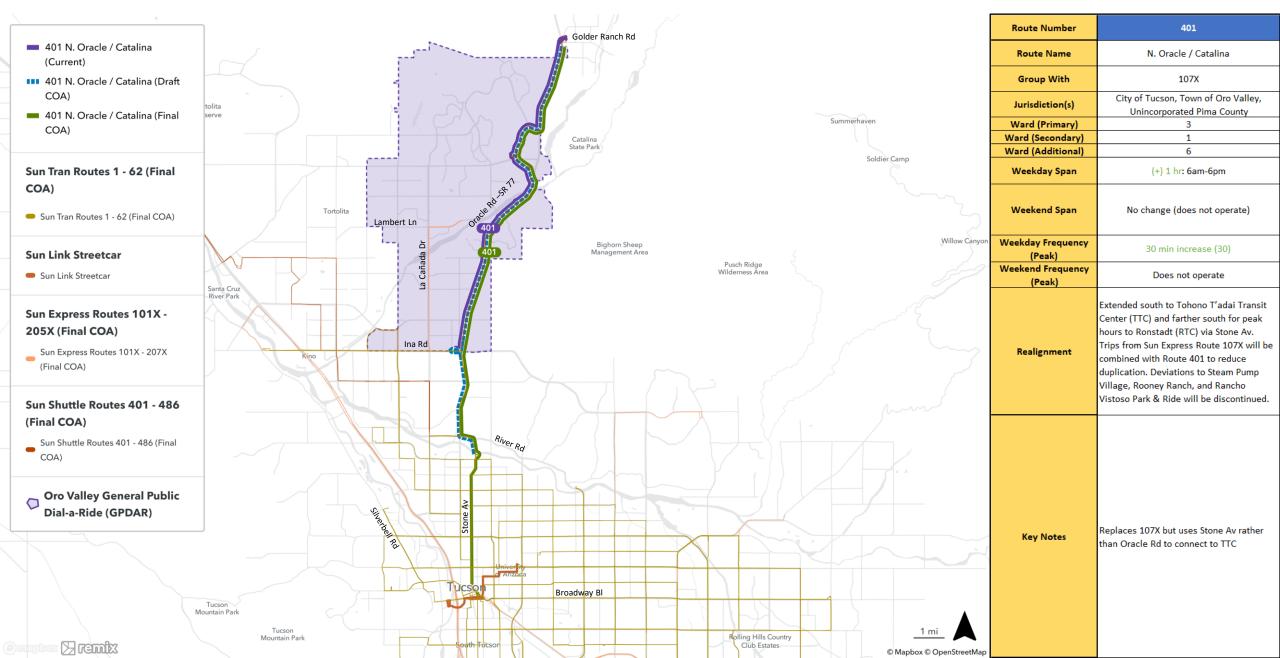
### Sun Shuttle Routes

Routes 401 – 486

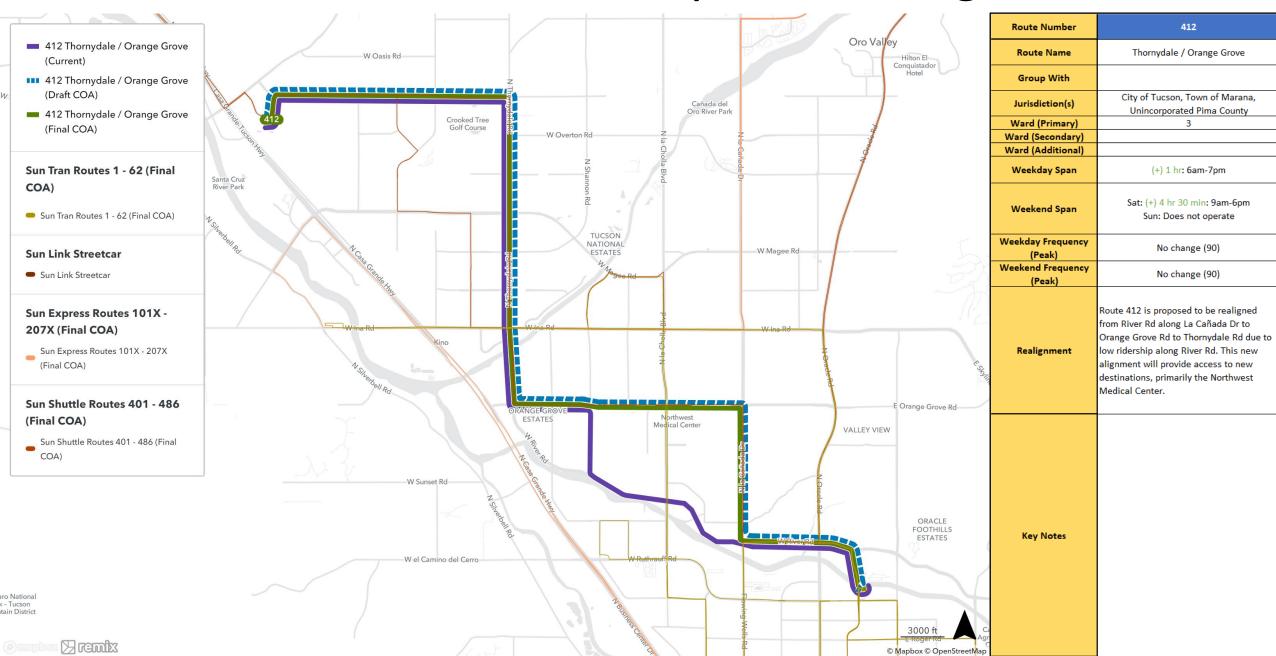




#### Sun Shuttle 401 – N. Oracle / Catalina

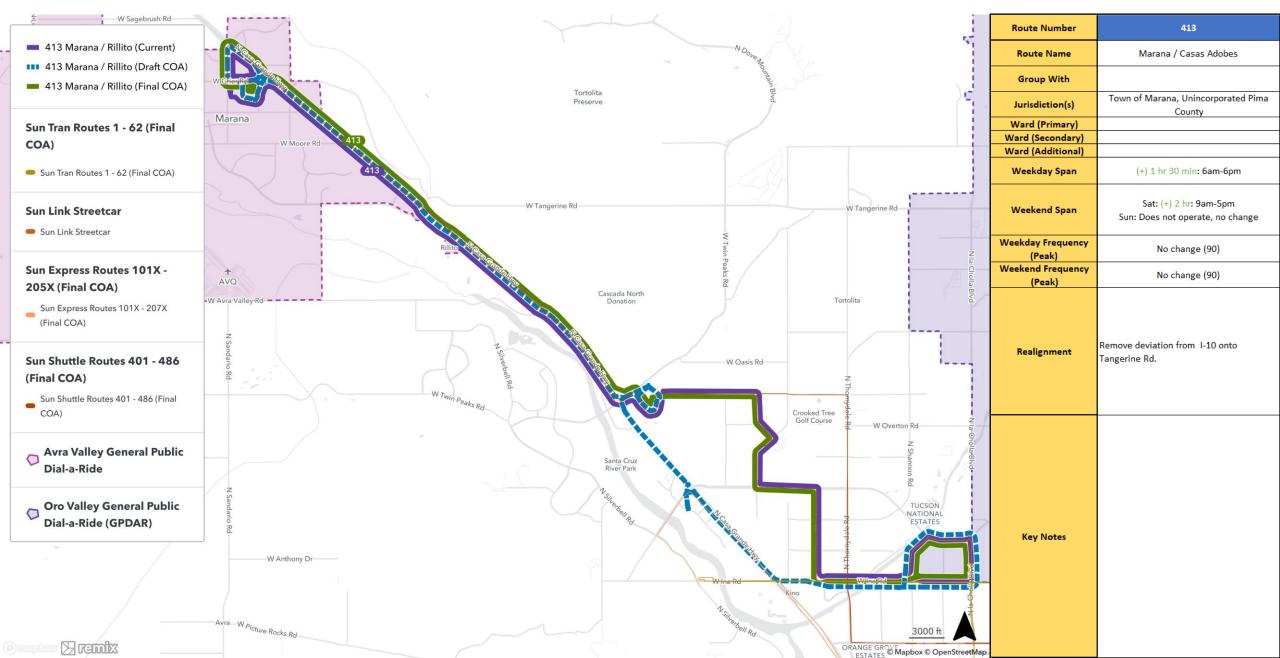


### Sun Shuttle 412 – Thornydale / Orange Grove





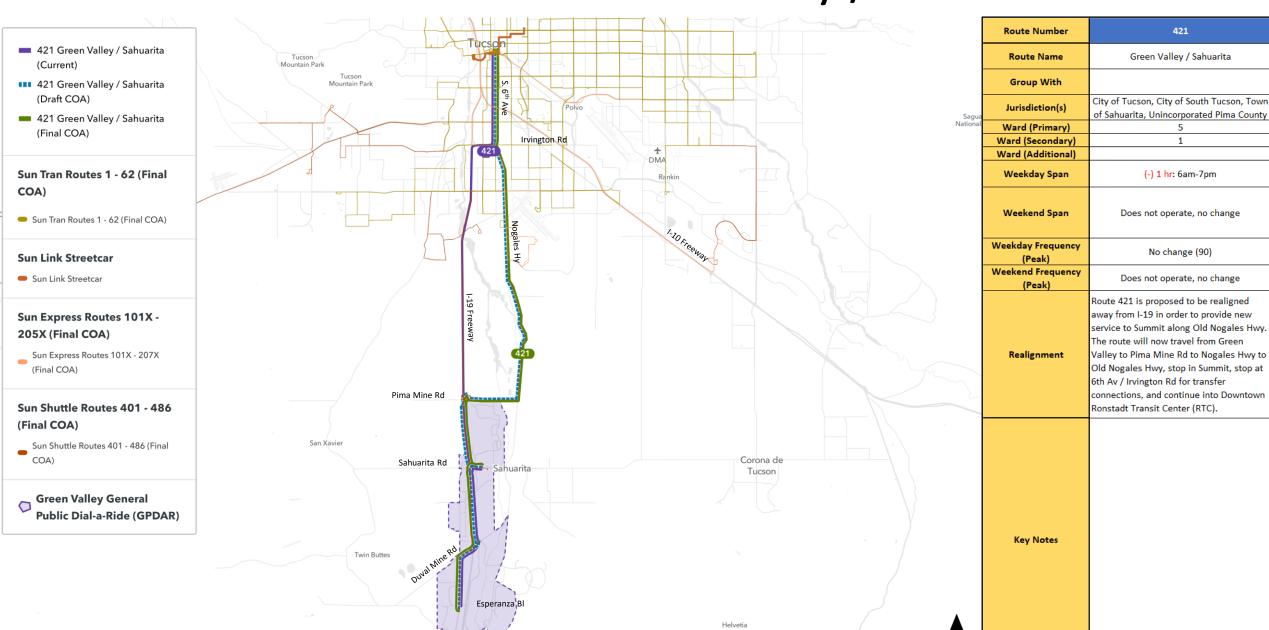
### Sun Shuttle 413 – Marana / Rillito





173 remix

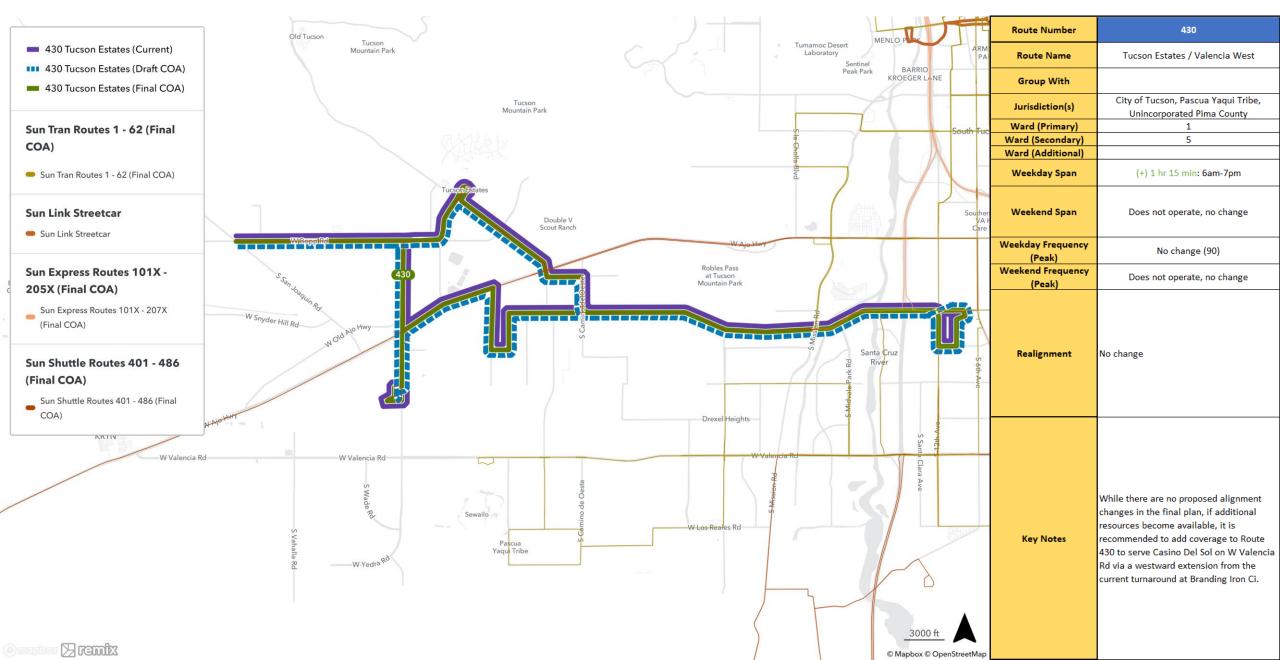
## Sun Shuttle 421 – Green Valley / Sahuarita



© Mapbox © OpenStreetMap

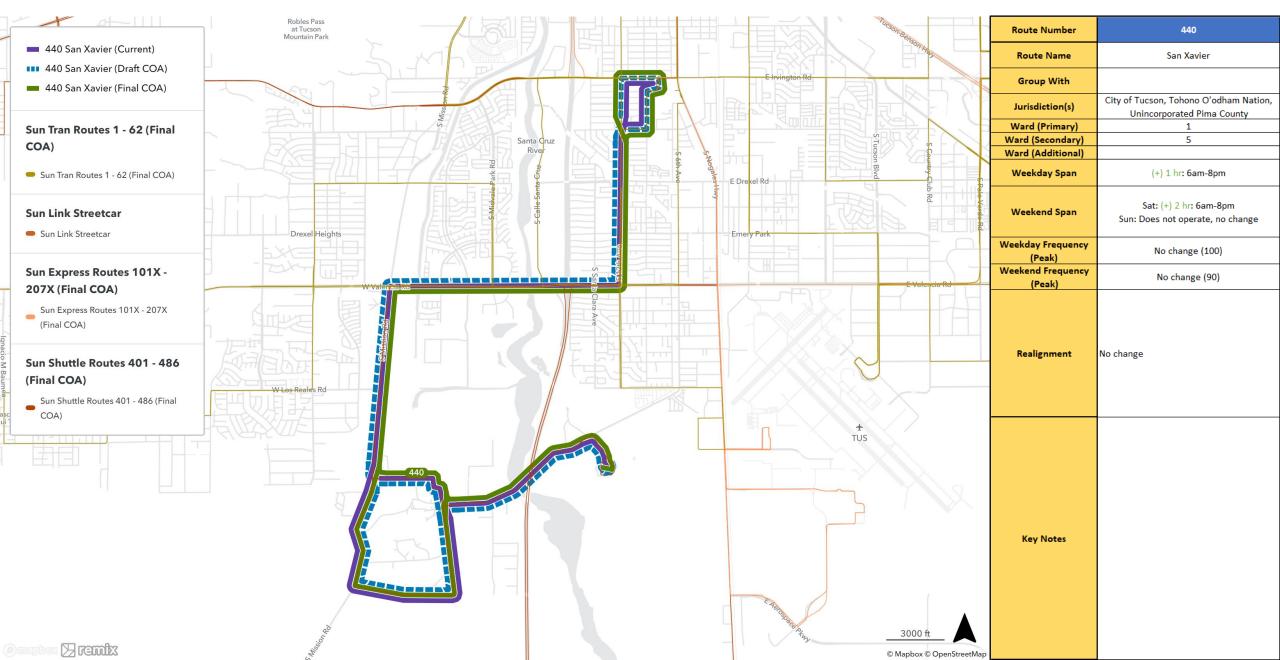


#### Sun Shuttle 430 – Tucson Estates

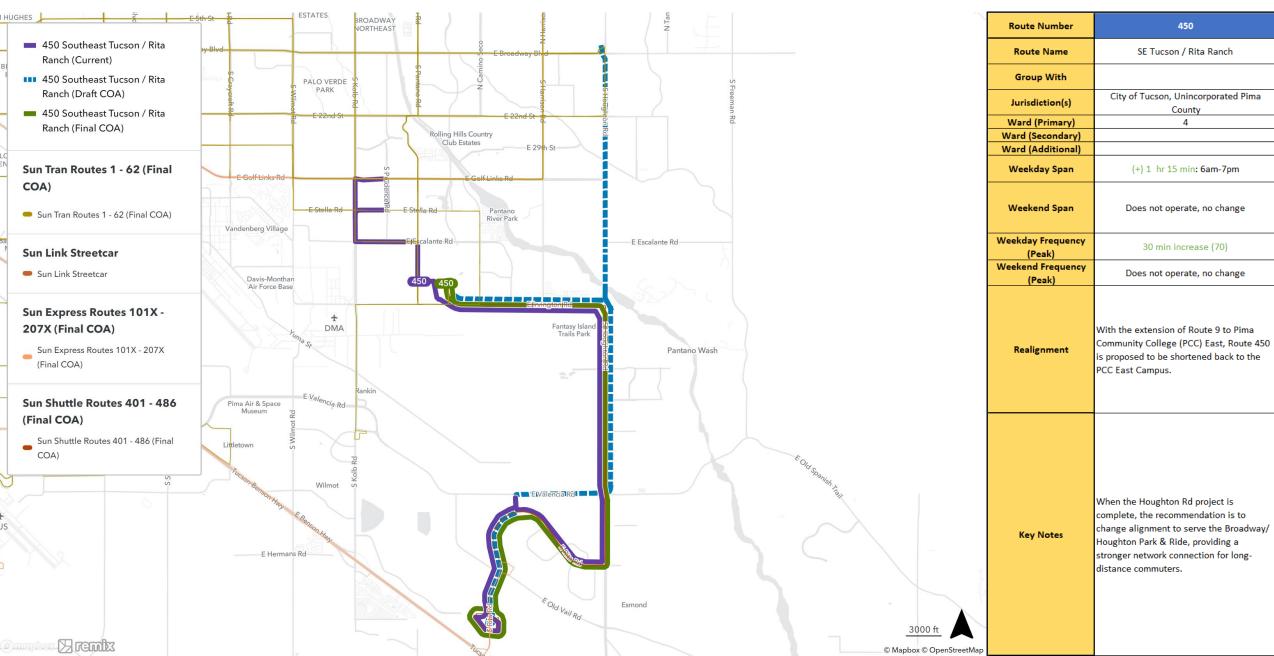




#### Sun Shuttle 440 – San Xavier

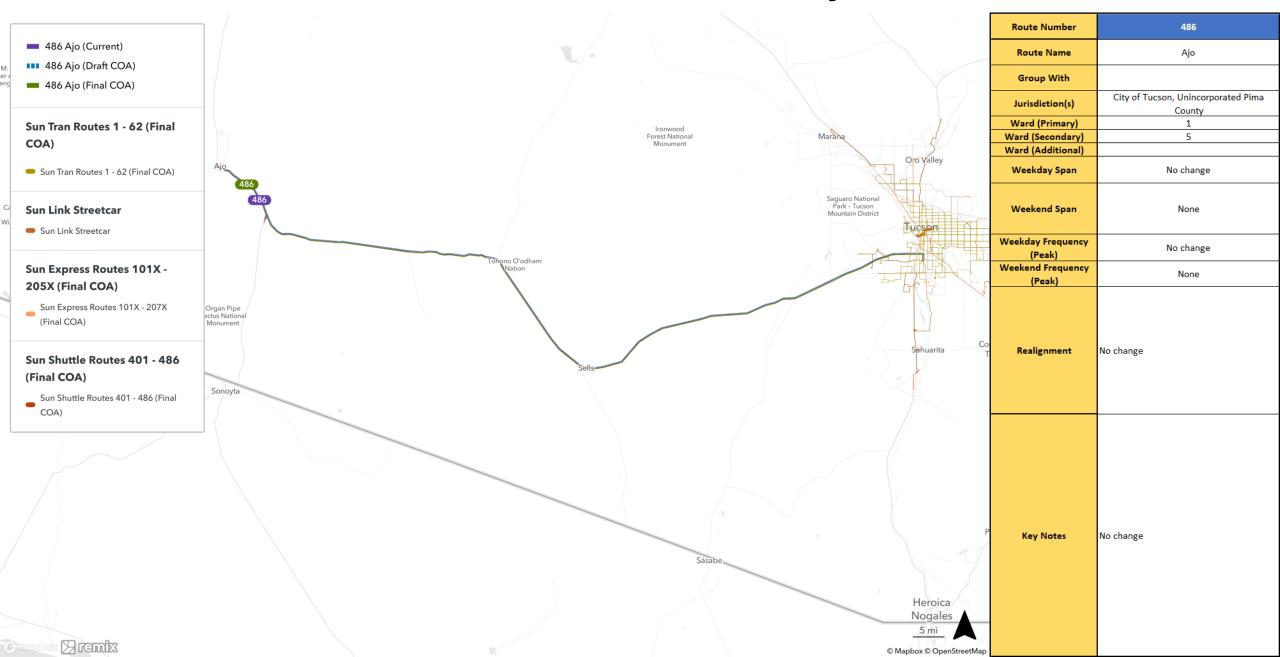


# Sun Shuttle 450 — Southeast Tucson / Rita Ranch





## Sun Shuttle 486 – Ajo



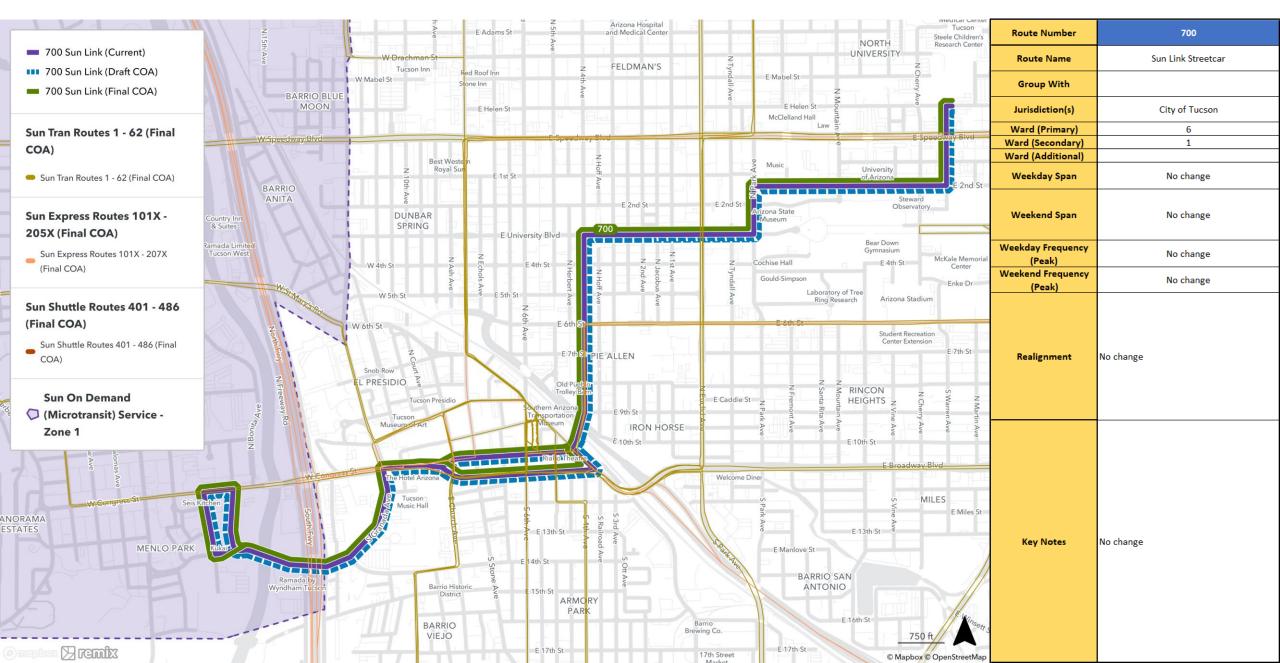
#### Sun Link Streetcar

Route 700





#### Sun Link



# **Next Steps**

To complement this presentation, the Project Team anticipates the delivery of the full COA Report in February 2024, which will have detailed information about the study including: system background, market assessment, regional bus stop inventory and prioritization, access and equity analyses, route profiles, route contributions, service assessment and standards, a summary of public involvement, and service recommendations with a Title VI Equity analysis. Following its completion, staff from the City of Tucson Department of Transportation and Mobility plan to present the COA Report to City of Tucson Mayor and Council.

In the months after the delivery of the final report, community members can anticipate any service changes associated with the COA recommendations to occur in one of two ways:

- 1. Small incremental changes can be completed administratively by transit staff if the change is less than a 25% deviation in revenue miles or revenue hours, on a route-by-route basis.
- 2. Major Service Changes that represent a 25% or greater deviation in revenue miles or revenue hours, on a route-by-route basis, will require additional public outreach and a Public Hearing in front of Mayor and Council.

Depending on other transportation projects, it could take years before some of the recommended changes take place.

Finally, the COA Report is meant to be a guide to help improve transit services and does not mandate the implementation of any changes. Transit staff will work closely with Mayor and Council to move forward with strategic recommendations that are meant to improve transit opportunities for members of the community.