

Information Summary



DATE

May 12, 2016

SUBJECT

FY17-21 Short Range Transit Program

PURPOSE

The purpose of this memo is to provide an update on the second iteration of the Short Range Transit Program (SRTP). The SRTP documents future transit modifications for the next five years.

BACKGROUND/DISCUSSION/CONSIDERATION

The SRTP identifies transit service improvements needed during the next five years and builds upon previous and ongoing Valley Metro efforts. The SRTP identifies regional and local transit service improvements programmed in the Transit Life Cycle Program (TLCP) as well as local operating budgets. The SRTP is based on input submitted by individual member agencies, as well as concepts developed by Valley Metro staff in conjunction with the Board approved Transit Standards and Performance Measures (TSPM). The SRTP serves as input for processes such as the Transit Life Cycle Program, Fleet Management Plan, bi-annual service changes and the Transportation Improvement Program.

The SRTP is divided in two planning periods, the short-term (one to two years), known as 'production' years, and the long-term (three to five years), known as the 'development' years. Service improvements listed under production years must have committed funding sources and an implementation schedule. Service improvements under development years may require further analysis. For the production years, the SRTP analyzes all potential regionally funded modifications through a set of guiding principles and member agency feedback; the recommendations are shared with the TLCP update process. For the complete list of production and development year improvements regardless of funding source see Appendix 1.

Guiding Principles:

The performance-based guiding principles were developed to prioritize the regionally funded production years in the SRTP. The guiding principles are built around the TLCP and 2014 Board adopted TSPM effort. The guiding principles take into consideration the TSPM adopted service provision goals for new and existing service, such as the level of service by day of the week.

Based on FY15 Transit Performance Report (TPR), routes that were within the top 25% or bottom 25% on any two of the five performance measures were identified for further evaluation (listed in Appendix 2 for reference) and potential inclusion in the SRTP.

The quartiles are embedded in the SRTP guiding principles and are considered when prioritizing improvements by fiscal year. The principles are used in significant service



changes such as route extensions or new routes. The principles are not meant to analyze minor modification such as trip modifications or weekend adjustments.

SRTP Process:

Staff worked with member agencies through discussions at several SPWG and three sub-regional SRTP meetings to document service modification requests and analyzed, if applicable, the service requests using the guiding principles described above. Analysis included committed funding, fleet needs and assessment of services in terms of Board adopted TSPM efforts.

Service improvements indicated in the production years of the SRTP will serve as an input into the bi-annual service change process as well as the annual TLCP updates. Following review by the SPWG, proposed service changes will be brought before the Board for action through the bi-annual service changes process (April and October). This will include any actions necessary for public outreach, Title VI impacts, further analysis, and adjustment of affected transit service operating contracts and Intergovernmental Agreements with member agencies.

COST AND BUDGET

Costs for proposed service changes identified in the SRTP will be vetted through the appropriate TLCP or service change processes and will be included within the agency budget starting with the year that the change is implemented.

STRATEGIC PLAN ALIGNMENT

This item addresses three goals in the Board-adopted FY16-20 Strategic Plan:

- Goal 2: Advance performance based operations
 - Tactic A: Operate an effective, reliable, high-performing transit system
- Goal 3: Grow transit ridership
 - Tactic A: Expand and improve transit services to reach new markets
- Goal 4: Focus on economic development, regional competitiveness and financial resources
 - Tactic B: Pursue all available funding opportunities for transit projects and services

COMMITTEE PROCESS

RTAG: April 19, 2016 for information

TMC: May 4, 2016 for information

Board of Directors: May 19, 2016 for information

RECOMMENDATION

This item is for information only.



CONTACT

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ATTACHMENTS

Appendix 1 - SRTP Database
Appendix 2 - Transit Performance

Appendix 1: SRTP Database

Production Years							
Route	Service Type	Impacted City/Town	Change Type	Change Month	Change Year	Fiscal Year	Potential Service Change
50	Local	Scottsdale	Service and Modification	October	2016	FY17	Match Phoenix span of service weekdays and weekends; modify routing along Scottsdale and Drinkwater
51	Local	Phoenix, Glendale	Service	October	2016	FY17	Improve weekend service to 30 minutes
72	Key Local	Scottsdale	Service	October	2016	FY17	Add Peak Trips from Thunderbird PnR to Camelback Rd.
81	Local	Scottsdale, Tempe	Service	October	2016	FY17	Improve weekend frequency to 30 minutes
170	Local	Scottsdale	Modification	October	2016	FY17	Change routing at Frank Lloyd Wright to use Northsite Blvd instead of Hayden
30, 45, 61, 77, 56	Local	Phoenix	Service	October	2016	FY17	Span of Service: M-F 4am to midnight
30, 77, 108	Local	Phoenix	Service	October	2016	FY17	Improve Saturday and Sunday frequency to 30 min.
AZ Ave LINK/112	Local	Mesa/ Gilbert/ Chandler	Consolidation	October	2016	FY17	Improve service in the corridor by merging AZ Ave LINK and 112.
All Phoenix Operated Routes	Local, Key Local	Phoenix	Service	October	2016	FY17	Span of Service: M-F 4am to midnight; Sat/Sun 5am to 10pm Weekday & Weekend: All routes minimum of 30 minutes
BUZZ	Circulator	Mesa	Service	October	2016	FY17	Revisit routing

Production Years

Route	Service Type	Impacted City/Town	Change Type	Change Month	Change Year	Fiscal Year	Potential Service Change
Camelback Trolley	Circulator	Scottsdale	Service	October	2016	FY17	Reduce service from 15 to 30 minutes on weekends
Miller Road Trolley	Circulator	Scottsdale	Service	October	2016	FY17	Improve frequency
Main St LINK/40	Local	Mesa	Consolidation	October	2016	FY17	Improve service in the corridor by merging Main St LINK and Route 40.
112	Key Local	Chandler	Service	April	2017	FY17	Serve the Chandler PnR on every trip.
104	Local	Chandler	Modification	April	2017	FY17	Modify southern end-of-line to serve current Route 112 end-of-line.
All Phoenix Operated Routes	Local, Key Local	Phoenix	Service	April	2017	FY17	Span of Service: M-Th 4am to midnight; Friday 4am to 2am Saturday 5am to 2am Sunday 5am to 11pm
104	Local	Mesa	Cost Allocation	July	2017	FY18	Begin PTF funding of route in Mesa
17	Key Local	Scottsdale/SRPMIC	Extension	October	2017	FY18	Extend Route 17 to Casino Arizona
44	Local	Phoenix	Service	October	2017	FY18	Extend Route 44 from 44th St/Washington to 48th St/Baseline Rd
83	Local	Glendale, Phoenix, Peoria	Extension	October	2017	FY18	Extend 83 to Arrowhead Town Center.
104	Local	Chandler, Mesa	Service	October	2017	FY18	Improve weekend service and some weekday evening trips
30	Local	Mesa	Service	October	2017	FY18	Improve weekend service

Production Years

Route	Service Type	Impacted City/Town	Change Type	Change Month	Change Year	Fiscal Year	Potential Service Change
120	Local	Mesa	Service	October	2017	FY18	Improve service and connect to Baseline Rd.
184	Local	Mesa	Modification	October	2017	FY18	Reroute south end of line to enter/exit Phoenix Mesa Gateway Airport via Chandler Blvd.
Holiday Service	Local, Key Local, Circulator	All	Service	October	2017	FY18	Restore holiday service for select holidays on Local, Key Local, Circulator routes
New - Cactus Trolley	Circulator	Scottsdale	New Route	October	2017	FY18	New Trolley
New - Orbit Saturn	Circulator	Tempe	New Route	October	2017	FY18	New Orbit
New - Zoom North	Circulator	Avondale	New Route	October	2017	FY18	New Zoom
140 (Ray Road)	Local	Chandler/ Phoenix/ Gilbert	New Route	October	2017	FY18	Proposed Route to serve Ray Road west of Gilbert Road

Development Years

Route	Service Type	Impacted City/Town	Change Type	Change Month	Change Year	Fiscal Year
50	Local	Scottsdale	Cost Allocation	July	2018	FY19
30	Local	Mesa	Modification	October	2018	FY19
45	Key Local	Mesa	Modification	October	2018	FY19
59	Local	Phoenix	Elimination	October	2018	FY19
77	Local	Mesa	Extension	October	2018	FY19
81	Local	Chandler	Extension	October	2018	FY19
128	Local	Mesa	Service	October	2018	FY19
136	Local	Mesa/ Gilbert/ Chandler	Service	October	2018	FY19
184	Local	Mesa	Modification	October	2018	FY19
Airpark Trolley	Circulator	Scottsdale	New Route	October	2018	FY19
New Loop 202 RAPID	RAPID	Phoenix	New Route	October	2018	FY19
30	Local	Tempe	Cost Allocation	July	2019	FY20
77	Local	Mesa	Cost Allocation	July	2019	FY20
45	Key Local	Mesa	Reduction	October	2019	FY20
48	Local	Tempe/ Mesa	Extension	October	2019	FY20
77	Local	Gilbert/ Mesa	Extension	October	2019	FY20
120	Local	Chandler/ Gilbert	Extension	October	2019	FY20
136	Local	Mesa	Modification	October	2019	FY20
138	Local	Surprise/ County/ El Mirage	Extension	October	2019	FY20
156	Local	Chandler	Service	October	2019	FY20
New	Express	Gilbert/ Phoenix	New Route	October	2019	FY20
Scottsdale Limited	Limited Service	Scottsdale	New Route	October	2019	FY20
Val Vista	Local	Gilbert	New Route	October	2019	FY20
81	Local	Chandler/ Tempe	Service	April	2020	FY21
96	Local	Chandler	Service	April	2020	FY21
112	Local	Chandler	Extension	April	2020	FY21
136	Local	Chandler/ Mesa/ Gilbert	Service	April	2020	FY20
30	Local	Mesa	Cost Allocation	July	2020	FY21
3	Key Local	Goodyear/ Avondale	Extension	October	2020	FY21
29	Key Local	Avondale/ Phoenix	Extension	October	2020	FY21
41	Key Local	Avondale	Extension	October	2020	FY21
60	Local	Phoenix	Service	October	2020	FY21
67	Local	Phoenix	Service	October	2020	FY21
75	Local	Peoria/ Glendale	Extension	October	2020	FY21

Development Years

Route	Service Type	Impacted City/Town	Change Type	Change Month	Change Year	Fiscal Year
80	Local	Peoria/ Glendale	Extension	October	2020	FY21
90	Local	Peoria	Extension	October	2020	FY21
120	Local	Mesa	Extension	October	2020	FY21
128	Local	Gilbert/ Chandler	Extension	October	2020	FY21
156	Local	Chandler/ Phoenix/ Gilbert	Service	October	2020	FY21
170	Local	Surprise/ Glendale/ Peoria/ County	Extension	October	2020	FY21
ALEX	Circulator	Phoenix	Service	October	2020	FY21
MARY	Circulator	Phoenix	Service	October	2020	FY21
New	Circulator	Surprise	New Route	October	2020	FY20
New - Peoria Circulator	Circulator	Peoria	New Route	October	2020	FY21
New Circulator	Local	Phoenix	Service	October	2020	FY21
140 (Ray Road)	Local	Chandler/ Phoenix/ Gilbert	New Route	October	2020	FY21
Route 56A	Local	Phoenix	Service	October	2020	FY21
Route 59	Local	Phoenix	Service	October	2020	FY21
Route 60	Local	Phoenix	Service	October	2020	FY21
Route 67	Local	Phoenix	Service	October	2020	FY21
SMART	Circulator	Phoenix	Service	October	2020	FY21
Thomas Rd BRT	BRT	Phoenix	Service	April	2021	FY21

Appendix 2: Transit Performance



FY15 ROUTE PERFORMANCE

Upper and Lower Quartiles

ROUTES IN BOTTOM QUARTILE FOR 2 OR MORE PERFORMANCE MEASURES					
Route Number	On-Time Performance	Weekday Boardings per Revenue Hour	Weekday Boardings per Revenue Mile	Weekday Farebox Recovery Rate (%)	Weekday boardings per Trip
LOCAL ROUTES					
1		●	●	●	N/A
28	●	●	●	●	N/A
39		●	●	●	N/A
75	●	●	●	●	
83		●	●	●	N/A
108	●	●	●	●	N/A
154		●	●	●	N/A
156		●	●	●	N/A
184		●	●	●	N/A
251	●	●	●		N/A
KEY LOCAL ROUTES					
7		●	●	●	N/A
45		●	●		N/A
72		●	●		N/A
EXPRESS ROUTES					
514	●	●	N/A	●	●
520		●	N/A	●	●
521		●	N/A	●	●
CSM-E		●	N/A	●	●

ROUTES IN TOP QUARTILE FOR 2 OR MORE PERFORMANCE MEASURES					
Route Number	On-Time Performance	Weekday Boardings per Revenue Hour	Weekday Boardings per Revenue Mile	Weekday Farebox Recovery Rate (%)	Weekday boardings per Trip
LOCAL ROUTE					
10	●	●	●	●	N/A
15	●		●		N/A
43		●	●	●	N/A
44	●	●			N/A
51	●	●	●	●	N/A
59		●	●	●	N/A
60		●	●	●	N/A
67		●	●	●	N/A
77		●		●	N/A
90		●	●		N/A
112		●	●	●	N/A
170	●	●	●		N/A
KEY LOCAL ROUTES					
27		●	●		N/A
29			●	●	N/A
41			●	●	N/A
EXPRESS ROUTES					
533		●	N/A	●	●
542			N/A	●	●
562		●	N/A	●	●
I-10 W		●	N/A	●	
I-17	●	●	N/A		●