

# Draft Programming Scenarios for the FY 2016 Program of Projects and FY 2017-2021 Transportation Improvement Program

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APRIL 19, 2016 TRANSIT COMMITTEE

For information, discussion and  
possible recommended approval

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# TIP Programming Schedule (as of 4/18/2016)

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Date	Discussion
March 15, 2016	MAG Transit Committee to discuss programming scenarios
March 31, 2016	Final draft listing of Transit Life Cycle projects due to MAG
April 19, 2016	Draft listing of Transit Projects for FY2016-2021
May 17, 2016	MAG Transit Committee recommends approval of the FY2016-2021 Transit Listing of projects pending TLCP approval
June 9, 2016	MAG Management Committee recommends approval of the FY2016-2021 Transit Listing of projects pending TLCP approval
June 15, 2016	MAG Transportation Policy Committee recommends approval of the FY2016-2021 Transit Listing of projects pending TLCP approval
June 16, 2016	Valley Metro Board approves the TLCP
June 22, 2016	MAG Regional Council approves FY 2016 Program of Projects and FY2017-2021 TIP
Summer – Fall 2016	Job Access Reverse Commute & ADA Discussion

# Items of Notes - Phoenix- Mesa UZA

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- Some TLCF projects for FY 2016 were back-filled with FY 2013-2014 apportioned funds
- Priority 3: Preventive Maintenances
  - Used to “balance the program” so it is not always exactly 25%
  - Allocation to cities have not been updated
- Priority 4: Job access and Reverse Commute discussion to begin Summer/Fall of 2016

# Items of Notes - Phoenix- Mesa UZA (continued..)

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- “Priority 9”: Fund Additional Projects
  - “Priority 9” projects are highlighted in blue
  - Funding for number of expansion vehicles dependent on type of vehicle procured
  - ADA Transition funding discussion in Summer/Fall 2016
  
- Rail Projects
  - Project work and location needs to be updated

# Items of Notes – Avondale-Goodyear UZA

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- Costs are not finalized for expansion vehicles
- ADOT Statewide application due April 22, 2016
- Projected funding from competitive grants not currently included

# March 15, 2016 Transit Committee Discussion

	Scenario 1 (2)	Scenario 2 (3)	Scenario 3 (4)	March 2016 TC
<b>Total Federal Funds</b>	\$77,888,611	<b>\$77,888,611</b>	\$77,888,611	<b>\$77,888,611</b>
<b>Priority 1: Federally Required</b>	\$502,535	<b>\$0</b>	\$0	<b>\$0</b>
<b>Priority 2: Grant Management</b>	\$40,000	<b>\$40,000</b>	\$40,000	<b>\$40,000</b>
<b>Priority 3: PM/Operations/ADA</b>	\$12,563,372	<b>\$12,563,372</b>	\$12,563,372	<b>\$12,563,372</b>
<b>Priority 4: JARC</b>	\$1,915,682	<b>\$1,915,682</b>	\$0	<b>\$750,000</b>
<b>Priority 5: TLCP Bus</b>	\$39,683,669	<b>\$39,683,669</b>	\$39,683,669	<b>\$39,683,669</b>
<b>Priority 6a: TLCP Bus Facility</b>	\$3,594,068	<b>\$3,594,068</b>	\$3,594,068	<b>\$3,594,068</b>
<b>Priority 6b: TLCP Rail Facility</b>	\$16,456,512	<b>\$16,456,512</b>	\$16,456,512	<b>\$16,456,512</b>
<b>Priority 8: Other TLCP</b>	\$395,633	<b>\$395,633</b>	\$395,633	<b>\$395,633</b>
<b>Priority 9: Unprogrammed Balance available for Competitive Program</b>	\$2,737,141	<b>\$3,239,676</b>	\$5,155,358	<b>\$4,405,358</b>
<b>Unprogrammed Balance from Pre-FY 2016(5)</b>	\$3,675,373	<b>\$3,675,373</b>	\$3,675,373	<b>\$3,675,373</b>
<b>Total Projected Unprogrammed Federal Funds</b>	\$6,412,513	<b>\$6,915,048</b>	\$8,830,730	<b>\$8,080,730</b>
<b>Regional Transit Survey Short-term Needs/Priority 9 Options</b>				
<b>Buses(6)</b>	\$2,656,250	<b>\$4,250,000</b>	\$5,312,500	<b>\$4,250,000</b>
<b>ITS</b>	\$2,000,000	<b>\$2,000,000</b>	\$3,000,000	<b>\$2,000,000</b>
<b>Bus Stops ADA Improvements</b>	\$1,000,000	<b>\$1,000,000</b>	\$0	<b>\$2,000,000</b>
<b>Bus Pullouts</b>	\$1,000,000	<b>\$0</b>	\$1,000,000	<b>\$0</b>
<b>Total "Priority 9" Projects</b>	\$6,656,250	<b>\$7,250,000</b>	\$9,312,500	<b>\$8,250,000</b>
<b>Projected Balance</b>	(\$243,737)	<b>(\$334,952)</b>	(\$481,770)	<b>(\$169,270)</b>

Projected \$8/million annually available. Final amount was ~\$6.6 million

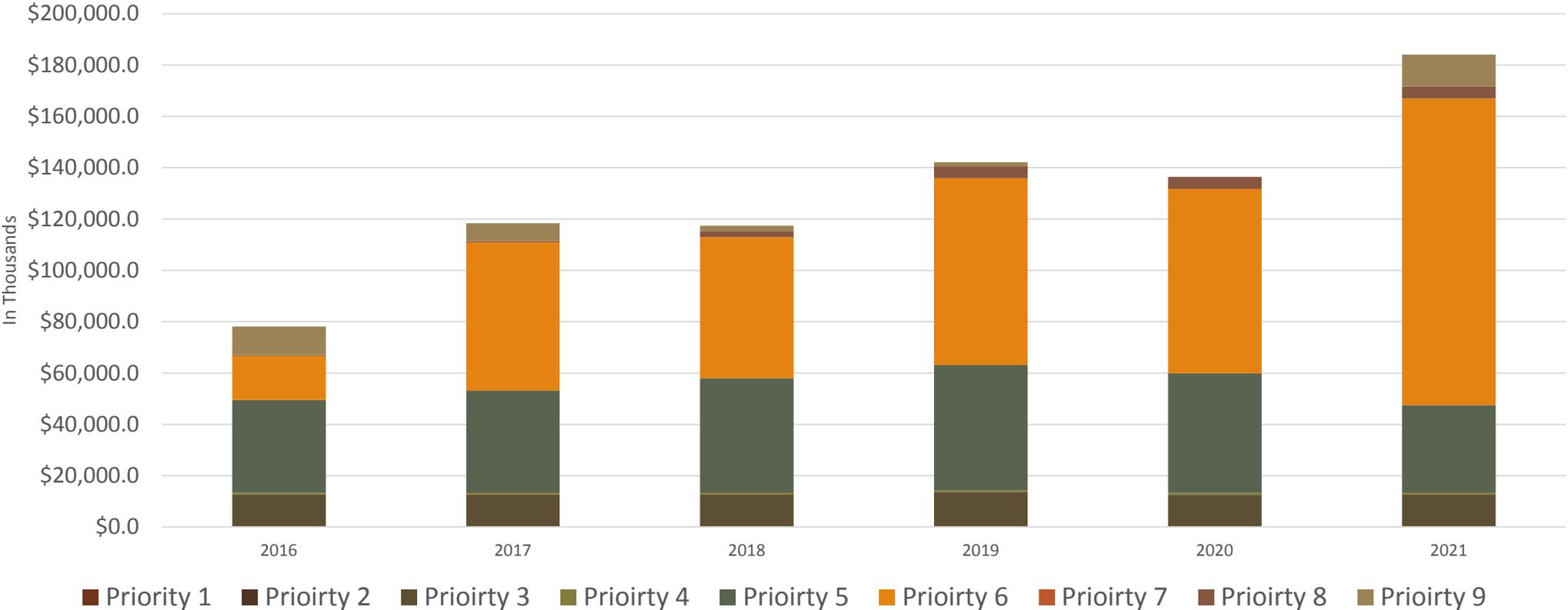
# Transit Committee Input (3/15/2016)

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- Un-program 1% towards Safety/Associated Transit Investment per elimination of FAST Act requirement
- Reduce JARC funding from approximately \$1.8 million annually to \$750k annually (assume 25k growth annually)
- Program Approximately 8 expansion buses per year for a total 40 buses
- Allocate approximately \$2 million a year to ITS and related infrastructure needs
- Allocate approximately \$2 million a year to ADA and accessibility needs

Priority	2016	2017	2018	2019	2020	2021	Total	% of Total
1. Provide services and improvements as required by law	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
2. Provide funding for support services for grant management to the designated recipient, the City of Phoenix.	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000	0.0%
3. Fund Preventive Maintenance/ Operations/Complementary ADA Service	\$12,670,574	\$12,620,561	\$12,563,372	\$13,361,122	\$12,487,335	\$12,563,372	\$76,266,336	9.8%
4. Fund the Job Access Reverse Commute program	\$750,000	\$775,000	\$800,000	\$825,000	\$850,000	\$875,000	\$4,875,000	0.6%
5. Support the Transit Life Cycle Program (TLCP) capital bus program	\$36,115,373	\$39,799,090	\$44,583,768	\$48,906,346	\$46,455,514	\$34,035,080	\$249,895,171	32.2%
6. Support the TLCP capital facility program	\$17,262,725	\$57,669,873	\$54,993,776	\$72,827,023	\$71,943,455	\$119,463,610	\$394,160,462	50.8%
7. Support the TLCP regional transit super grid service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
8. Support the other TLCP projects as the program is updated.	\$395,633	\$401,567	\$2,305,000	\$4,610,000	\$4,679,150	\$4,749,337	\$17,140,687	2.2%
9. Fund additional projects	\$11,014,630	\$7,050,390	\$2,079,589	\$1,530,894	\$0	\$12,369,110	\$34,044,613	4.4%
<b>Total FY 2016-2021</b>	<b>\$78,248,935</b>	<b>\$118,356,481</b>	<b>\$117,365,505</b>	<b>\$142,100,385</b>	<b>\$136,455,454</b>	<b>\$184,095,509</b>	<b>\$776,622,270</b>	<b>100.0%</b>

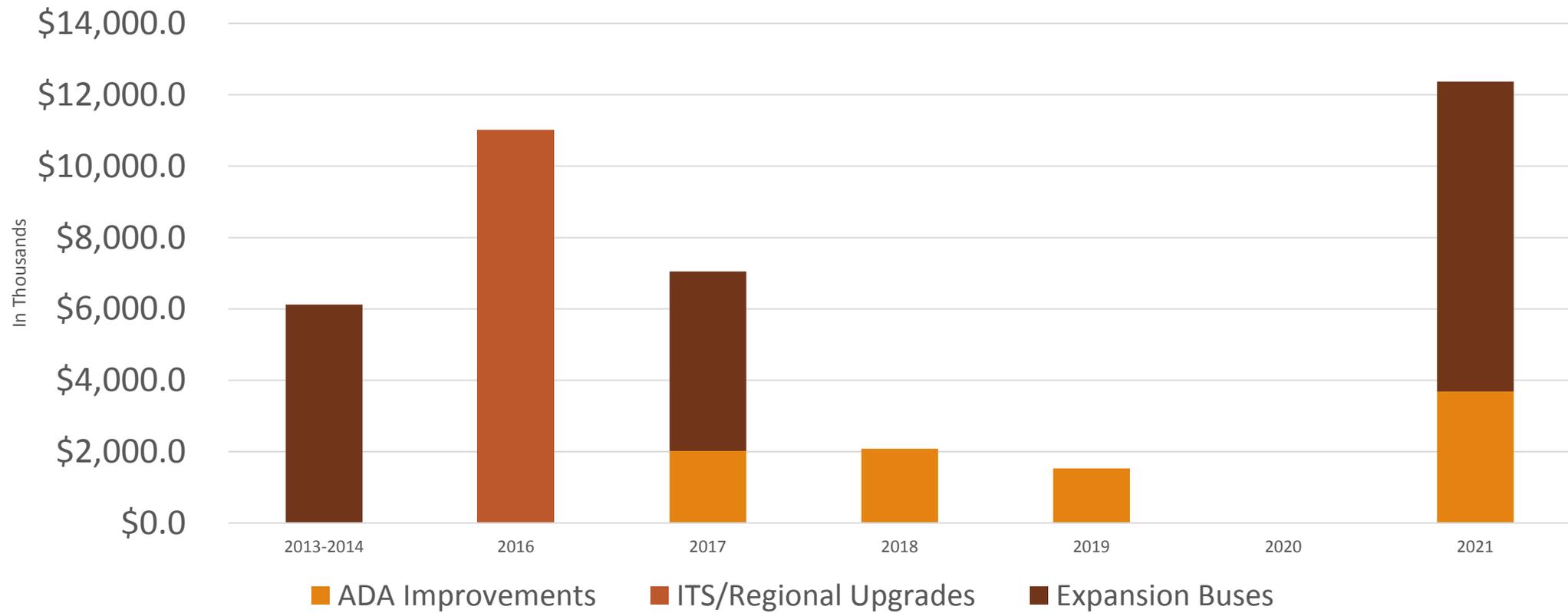
# Federal Funding BY Programming Priority by Year



# Priority 9: Fund Additional Projects

Project Type	2013-2014	2016	2017	2018	2019	2020	2021	Total	Avg/ Year	3/15/18 TC input
ADA Improvements	\$0	\$0	\$2,017,370	\$2,079,589	\$1,530,894	\$0	\$3,684,660	\$9,312,513	\$1,552,086	\$2,000,000
ITS/Regional Upgrades	\$0	\$11,014,630	n/a	n/a	n/a	n/a	n/a	\$11,014,630	\$1,835,772	\$2,000,000
Expansion Buses	\$6,120,791	\$0	\$5,033,020	\$0	\$0	\$0	\$8,684,450	\$19,838,261	\$3,306,377	\$4,250,000
# of Vehicles (dependent on type)	10-12 vehicles	0 vehicles	8 – 10 vehicles	0 vehicles	0 vehicles	0 vehicles	18-22 vehicles	38-44 vehicles	6 – 8 vehicles per year	~ 8 vehicles per year
<i>Total</i>	\$6,120,791	\$11,014,630	\$7,050,390	\$2,079,589	\$1,530,894	\$0	\$12,369,110	\$40,165,404	\$6,694,234	<i>(projected)</i> ~>\$8.25 million/ year

# Priority 9: Fund Additional Projects



For information, discussion and recommended approval of the amendments and administrative modifications to the FY 2014-2018 MAG Transportation Improvement Program, and as appropriate to the 2035 Regional Transportation Plan, and as appropriate, for inclusion in the Draft FY 2017-2021 Transportation Improvement Program.

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