

# MARICOPA ASSOCIATION OF GOVERNMENTS INFORMATION SUMMARY...

## Update since packet mail out

**DATE:**

April 23, 2012

**UPDATE:**

*This is an update to the mail out for Transportation Review Committee. Changes to the Project Changes Tables A-C are tinted in yellow.*

**SUBJECT:**

Project Changes – Amendment and Administrative Modification to the FY 2011-2015 MAG Transportation Improvement Program

**SUMMARY:**

The Fiscal Year 2011-2015 MAG Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP) 2010 Update were approved by the MAG Regional Council on July 28, 2010, and have been modified fourteen times with the last modification approved in April 2012.

Since then, the Arizona Department of Transportation (ADOT) has requested to defer 12 projects to later years, add one new right of way project, decrease funding on a pavement preservation project to allow the addition of a new utility project, and two new landscape projects. Other member agency requests include three new Transportation Enhancement (TE) projects, two TE projects are deferred, three safety projects are combined with existing to advance, two safety projects have received additional funding from ADOT, and five projects have been canceled. The MAG trip reduction project is requesting an increase to cover existing costs, and several project name change corrections are included. Fiscal balance is maintained for project change requests.

Valley Metro Rail received a Federal Transit Administration (FTA) Section 5309 Small Starts award of \$35,481,000 in FFY 2012, and is requesting to amend eight budget items, and add sixteen new project budgets for the Central Mesa Light Rail. Attached is the Central Mesa LRT Extension project overview for your reference. Valley Metro Rail has submitted the Project Construction Grant Agreement (PCGA) to FTA and is pending review and approval. The requests for amendments to the TIP reflect the current PCGA budget submittal to FTA.

Additionally, the MAG Transit Committee recommended approval of reprogramming the Transit Center/Park and Ride in Glendale to line up with the project development schedule, and programming remaining STP-Flex, 5309-FGM, and 5307 funds for preventive maintenance. The Prior Committee Action is related to these line items.

The attached table A, lists all project change requests. All of the projects to be amended may be categorized as exempt from conformity determinations and an administrative modification does not require a conformity determination.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

PROS: Approval of this TIP amendment and administrative modification will allow the projects to proceed in a timely manner.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Projects that wish to utilize transportation federal funds need to be shown in the TIP in the year that they expect to commence and may need to undergo an air quality conformity analysis or consultation.

POLICY: This amendment and administrative modification request is in accord with MAG guidelines.

**ACTION NEEDED:**

Approval of amendments and administrative modifications to the FY 2011-2015 MAG Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2010 Update.

**PRIOR COMMITTEE ACTIONS:**

MAG Transit Committee: On April 12, 2012, the MAG Transit Committee recommended the reprogramming of the Glendale Park and Ride/Transit Center as shown in the attached tables, and the distribution of FY2010 and FY2011 5309-FGM funds for preventive maintenance.

**MEMBERS ATTENDING**

- |                                    |   |
|------------------------------------|---|
| *ADOT: Mike Normand                | Peoria: Maher Hazine                      |
| Avondale: Rogene Hill              | Phoenix: Neal Young                       |
| #Buckeye: Andrea Marquez           | #Queen Creek: Tom Condit                  |
| Chandler: Dan Cook for RJ Zeder    | Scottsdale: Madeline Clemann              |
| #El Mirage: Lance Calvert          | Surprise: David Kohlbeck                  |
| Gilbert: Ken Maruyama              | Tempe: Greg Jordan                        |
| Glendale: Cathy Colbath, Chair     | *Tolleson: Chris Hagen                    |
| Goodyear: Cato Esquivel            | Valley Metro Rail/Metro: Ben Limmer for   |
| *Maricopa County DOT: Mitch Wagner | Wulf Grote                                |
| Mesa: Mike James                   | Youngtown: Jim Fox                        |
| *Paradise Valley: William Mead     | Regional Public Transportation Authority: |
|                                    | Carol Ketcherside                         |

\*Members neither present nor represented by proxy. + - Attended by Videoconference  
# - Attended by Audioconference

**CONTACT PERSON:**

Teri Kennedy, Transportation Improvement Program Manager, (602) 254-6300.

**Table A. Non-ALCP Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program**

4/23/2012

HIGHWAY														
TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
CHN45-402	Chandler	McQueen Rd: Chandler Heights to Riggs Road	Reconstruct roadway to add 2 through lanes in each direction	2016	NA	1.0	2	6		\$7,015,000	\$0	\$0	\$7,015,000	Delete project from TIP duplicate to listed ALCP project: Work element is outside of TIP.
DOT10-6C29	ADOT	60 (Grand Ave): 71st Ave to McDowell Rd, Phase 1	Roadway improvements and Pavement Preservation	2012	Mar-14	10	6	6	NHS	\$0	\$17,258,786	\$1,043,214	\$18,302,000	Amend: Decrease total project budget by \$998,000 (\$56,886 Regional, \$941,114 Federal) from \$19,300,000 to \$18,302,000. The decreased funding will be used to provide the funding for the railroad utility construction project.
DOT10-6U29	ADOT	60 (Grand Ave): 71st Ave to McDowell Rd, Phase 1	Utility Construction	2012	Mar-14	10	6	6	NHS	\$0	\$941,114	\$56,886	\$998,000	Amend: Add a new utility construction project in FY 2012 for \$998,000 (\$941,114 Fed, \$56,886 Region). Funds for this utility project will be decreased in the roadway improvement construction project (DOT10-6C29), which will not affect RTP cash flow. This project includes Burlington Northern Santa Fe (BNSF) railroad utility work.
DOT12-118	ADOT	10: SR101L (Agua Fria) to I-17	Utility Design	2013	Q3 14	9	10	10	RARF	\$0	\$0	\$1,000,000	\$1,000,000	Admin Mod: Defer Utility Design work to FY 2013 from FY 2012 while South Mountain Freeway issues are resolved.
DOT98-111	ADOT	101 (Pima Fwy): Pima Rd Extension (JPA)	Design roadway extension	2013	Q4 14	3	0	4	RARF	\$0	\$0	\$297,000	\$297,000	Admin Mod: Defer design JPA project to FY 2013 from FY 2012. Current coordination with Salt River Pima Maricopa Indian Community's development plans.
DOT12-122	ADOT	303 (Estrella Fwy): Glendale Ave - Peoria Ave	Landscape design	2013	Q2 14	3	6	6	RARF	\$0	\$0	\$300,000	\$300,000	Admin Mod: Defer landscape design project to FY 2013 from FY 2012 to reflect current schedule.
DOT14-154	ADOT	303 (Estrella Fwy): Peoria Ave - Waddell Rd	Landscape construction	2013	Q4 14	2	6	6	RARF	\$0	\$0	\$2,400,000	\$2,400,000	Admin Mod: Defer landscape construction project to FY 2013 from FY 2012 to align with landscape design schedule.
DOT12-125	ADOT	303 (Estrella Fwy): Thomas Rd Camelback Rd	Landscape design	2013	Q2 14	2	6	6	RARF	\$0	\$0	\$200,000	\$200,000	Admin Mod: Defer landscape design project to FY 2013 from FY 2012 to reflect current schedule.
DOT12-126	ADOT	303 (Estrella Fwy): Waddell Rd Mountain View Rd	Landscape construction	2013	Q4 14	4	6	6	RARF	\$0	\$0	\$4,500,000	\$4,500,000	Admin Mod: Defer landscape construction project to FY 2013 from FY 2012 to align with landscape design schedule.
DOT12-838	ADOT	60 (Superstition Fwy): Meridian Rd TI	Design traffic interchange	2013	Q3 14	0.2	TI	TI	RARF	\$0	\$0	\$800,000	\$800,000	Admin Mod: Defer design project to FY 2013 from FY 2012. Preparation of the DCR to include a final CE will not be completed in FY 2012.
DOT09-964	ADOT	10: SR101L (Agua Fria) to I-17	Utilities construction	2014	Q4 15	9	10	10	RARF	\$0	\$0	\$13,400,000	\$13,400,000	Admin Mod: Defer Utility construction work to FY 2014 from FY 2013 while South Mountain Freeway issues are resolved.
DOT99-124	ADOT	101 (Pima Fwy): Pima Rd Extension (JPA)	Construct roadway extension	2014	Q4 15	3	0	4	RARF	\$0	\$0	\$3,634,000	\$3,634,000	Admin Mod: Defer construction JPA project to FY 2014 from FY 2013. Current coordination with Salt River Pima Maricopa Indian Community's development plans.
DOT13-138	ADOT	303 (Estrella Fwy): Glendale Ave - Peoria Ave	Landscape construction	2014	Q4 15	3	6	6	RARF	\$0	\$0	\$3,500,000	\$3,500,000	Admin Mod: Defer landscape construction project to FY 2014 from FY 2013 to align with landscape design schedule.
DOT13-140	ADOT	303 (Estrella Fwy): Thomas Rd Camelback Rd	Landscape construction	2014	Q4 15	2	6	6	RARF	\$0	\$0	\$2,400,000	\$2,400,000	Admin Mod: Defer landscape construction project to FY 2014 from FY 2013 to align with landscape design schedule.
DOT11-105	ADOT	85: Warner Street Bridge	Construction	2014	Q4 15	0.2	0	0	NHS	\$0	\$4,997,900	\$302,100	\$5,300,000	Admin Mod: Defer bridge construction project to FY 2014 from FY 2013. Current coordination with Town of Buckeye development schedule.
DOT14-181	ADOT	202 (Red Mountain Fwy): SR101L to Gilbert Rd	R/W acquisition	2014	Q1 15	6	8	10	RARF	\$0	\$0	\$1,000,000	\$1,000,000	Amend: Add a new R/W project in FY 2014 for \$1,000,000. The study identified a new right-of-way acquisition that would be required near McKellips Road.
DOT14-182	ADOT	303 (Estrella Fwy): US60 Grand Ave/SR303L TI, Interim	Landscape design	2014	Q3 15	0.2	TI	TI	RARF	\$0	\$0	\$290,000	\$290,000	Amend: Add a new landscape design project in FY 2014 for \$290,000. The landscape work is not included in the TI construction project.
DOT15-199	ADOT	303 (Estrella Fwy): US60 Grand Ave/SR303L TI, Interim	Landscape construction	2015	Q4 16	0.2	TI	TI	RARF	\$0	\$0	\$2,900,000	\$2,900,000	Amend: Add a new landscape construction project in FY 2015 for \$2,900,000. The landscape work is not included in the TI construction project.

HIGHWAY			continued												
TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change	
DOT12-124	ADOT	303 (Estrella Fwy): Thomas Rd - Camelback Rd	Construction	2012	6/13	0.0	0	0	STP-AZ, STP-MAG	\$0	\$59,134,800	\$3,511,200	\$62,646,000	Admend: Increase STP-MAG Funding (\$392,222) from GDY09-802 Goodyear Yuma Rd Bridge Design. Increase STP-MAG Funding (\$653,778) from GDY11-101 Goodyear Yuma Rd Design. Total STP-MAG funding is \$1,046,000.	
GDY09-802	Goodyear	Yuma Rd at Bullard Wash	Design bridge and approaches - using FY2009 funds	2011	NA	-----	No	Street	STP-MAG	\$499,894	\$392,222	\$0	\$493,113	Admin: Delete project from TIP. Transfer funding to DOT12-124 Estrella Fwy: Thomas Rd - Camelback Rd.	
GDY11-101	Goodyear	Yuma Road, Estrella Pkwy to Litchfield	Design Yuma Rd: Litchfield Rd to Estrella Pkwy	2011	NA	2.0	2	6	STP-MAG	\$413,109	\$653,778	\$0	\$766,887	Admin: Delete project from TIP. Transfer funding to DOT12-124 Estrella Fwy: Thomas Rd - Camelback Rd.	
GLN13-907	Gilbert	Consolidated Canal at Baseline Rd, Eastern Canal at Baseline Rd, SRP Powerline at Guadalupe Rd, SRP Powerline at Elliot Rd	Design Pedestrian and Bicycle Mid-Block Crossings	2013	NA	0.4	0	0	STP-TEA	\$13,000	\$202,000	\$0	\$215,000	Amend: Add new project to the TIP for FY 2013. Funding from ADOT TEA	
GLN15-907	Gilbert	Consolidated Canal at Baseline Rd, Eastern Canal at Baseline Rd, SRP Powerline at Guadalupe Rd, SRP Powerline at Elliot Rd	Construct Pedestrian and Bicycle Mid-Block Crossings	2015	16-Jun	0.4	0	0	STP-TEA	\$37,334	\$548,000	\$0	\$585,334	Amend: Add new project to the TIP for FY 2015. Funding from ADOT TEA	
GLN08-802	Glendale	Grand Canal in west Glendale, from Loop 101 to New River	Construct a 1.5-mile multi-use pathway	2013		1.5	0	0	STP-TEA	\$500,000	\$0	\$837,825	\$1,337,825	Amend: Defer the project from FY 2012 to FY 2013	
GLN11-704	Glendale	Maryland Avenue: 67th-69th & 79th-83rd Avenues	Spot Improvements on Maryland Avenue for Bike Lanes	2013		0	0	0	STP-TEA	\$166,039	\$0	\$10,037	\$176,076	Amend: Defer the project from FY 2012 to FY 2013	
MES13-100	Mesa	Various Locations - Citywide	Pedestrian Countdown Signal Heads- Phase 2	FY13	Jun-14	0	0	0	HSIP	\$-----	26,483	\$-----	\$-----	\$26,483	Admend: Delete Project, advance to FY12 MES12-100
MES14-101	Mesa	Various Locations - Citywide	Pedestrian Countdown Signal Heads- Phase 3	FY14	Jun-15	0	0	0	HSIP	\$-----	26,483	\$-----	\$-----	\$26,483	Admend: Delete Project, advance to FY12 MES12-100
MES12-100	Mesa	Various Locations - Citywide	Procure Pedestrian Countdown Signal Heads- Phase 1	FY12	Jun-13	0	0	0	HSIP	\$ -	79,448	\$ -	\$ -	\$79,448	Amend: Combine MES12-100, MES13-100, MES14-101 into one phase (FY12)
MES12-101	Mesa	Various Locations - Citywide	Additional Signal Heads- Phase 1	FY12	Jun-13	0	0	0	HSIP	\$-----	117,887	\$-----	\$-----	\$117,887	Amend: Delete project and add to phase 1 and 2 in FY 13 and FY 14.
MES13-101	Mesa	Various Locations - Citywide	Procure Additional Signal Heads-Phase 1	FY13	Jun-14	0	0	0	HSIP	\$ -	176,831	\$ -	\$ -	\$176,831	Amend: Combine deleted FY12 MES12-101, into FY 13 MES13-101, and FY 14 MES14-102.
MES14-102	Mesa	Various Locations - Citywide	Procure Additional Signal Heads-Phase 2	FY14	Jun-15	0	0	0	HSIP	\$ -	176,831	\$ -	\$ -	\$176,831	Amend: Combine deleted FY12 MES12-101, into FY 13 MES13-101, and FY 14 MES14-102.
MAG13-810	MAG	Regionwide	Trip Reduction program	2013	Q4 14	0	0	0	CMAQ	\$0	\$982,652	\$0	\$982,652	Amend: Increase budget by \$72,652 CMAQ; total project cost is \$982,652.	
MAG12-809	MAG	Regionwide	Traffic signal optimization program	2012	NA	0.0	0	0	CMAQ	\$18,135	\$298,865	\$0	\$317,000	Admin: Delete ITS Project from TIP: Work element is in UPWP.	
MAG12-803	MAG	Regionwide	Regionwide bicycle safety education program	2012	NA	----	----	----	CMAQ	\$73,000	\$165,000	\$0	\$238,000	Admin: Delete project from TIP.	
PEO12-111	Peoria	Intersection of Peoria Ave and 75th Avenue	Design intersection improvement.	2012	2014	n/a	n/a	n/a	HSIP	\$ 38,331	\$ 634,142		\$ 672,473	Amend: Correct name to Peoria Avenue	
PEO14-103	Peoria	Intersection of Peoria Ave and 75th Avenue	Acquisition of right-of-way for intersection improvement.	2014	2015	n/a	n/a	n/a	HSIP	\$ 27,727	\$ 458,713		\$ 486,440	Amend: Correct name to Peoria Avenue	
PEO15-105	Peoria	Intersection of Peoria Ave and 75th Avenue	Relocate utilities, construct / add dual left turn lanes & right turn lanes on all approaches, raised median, & upgrade bike/ pedestrian facilities at intersection.	2015	2016	n/a	n/a	n/a	HSIP	\$ 395,642	\$ 6,545,445		\$ 6,941,087	Amend: Correct name to Peoria Avenue	
PHX12-113C	PHX	Dunlap Avenue: 31st Ave to 43rd Ave and 35th Ave	Construction	2014	Nov-14	1.5	5	6	HSIP	31,499	521,104	\$ -	552,603	Amed: Move to FY 2014	
PHX12-113RW	PHX	Dunlap Avenue: 31st Ave to 43rd Ave and 35th Ave	Acquire Right of Way/Easement	2013	Nov-14	1.5	5	6	HSIP	\$ 2,508	\$ 41,492	\$ -	\$ 44,000	Amend: Add New Project work phase to TIP for FY 2013. Statewide HSIP funding awarded from ADOT.	

TRANSIT			Small Starts											
TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length	A.L.I.	Year of Fund	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
VMR12-920T	VMR	Central Mesa LightRail	Sm Starts: Guideway & Track Elements	2012	2016	3.1	14.01.10	2012	5309 SS	\$0	\$6,296,000	\$4,865,998	\$11,161,998	Amend: Add project, grant application: AZ-03-0066. Total Small Starts prjt budget \$132,965,354.
VMR12-921T	VMR	Central Mesa LightRail	Sm Starts: Stations, Stops, Terminals, Intermodal	2012	2016	-	14.02.20	2012	5309 SS	\$0	\$333,000	\$257,366	\$590,366	Amend: Add project, grant application: AZ-03-0066. Total Small Starts prjt budget \$132,965,354.
VMR12-922T	VMR	Central Mesa LightRail	Sm Starts: Sitework & Special Conditions	2012	-	-	14.04.40	2012	5309 SS	\$0	\$12,243,000	\$9,462,265	\$21,705,265	Amend: Add project, grant application: AZ-03-0066. Total Small Starts prjt budget \$132,965,354.
VMR12-923T	VMR	Central Mesa LightRail	Sm Starts: Systems	2012			14.05.50	2012	5309 SS	\$0	\$0	\$0	\$0	Amend: Add project, grant application: AZ-03-0066. Will be amended when add'l funding is awarded.
VMR11-828TR2	VMR	Central Mesa LightRail	Sm Starts: ROW, Land, Existing Improvements	2012	-	3.1	14.06.60	2012	5309 SS	\$0	\$6,418,000	\$4,960,289	\$11,378,289	Amend: increase total budget \$10,378,289 (increase fed \$5,918,000, increase regional \$4,460,289). Change name, and ALI. Change year from 2011 to 2012. Included in grant application: AZ-03-0066.
VMR12-928T	VMR	Central Mesa LightRail	Sm Starts: Professional Services	2012	n/a	n/a	14.08.80	2012	5309 SS	\$0	\$4,748,000	\$3,669,593	\$8,417,593	Amend: Add project, grant application: AZ-03-0066. Total Small Starts prjt budget \$132,965,354.
VMR12-926T	VMR	Central Mesa LightRail	Sm Starts: Unallocated Contingency	2012	n/a	n/a	14.09.90	2012	5309 SS	\$0	\$3,692,000	\$2,853,441	\$6,545,441	Amend: Add project, grant application: AZ-03-0066. Total Small Starts prjt budget \$132,965,354.
VMR12-912T	VMR	Central Mesa LightRail	Sm Starts: Finance Charges	2012	n/a	n/a	14.10.10	2012	5309 SS	\$0	\$1,751,000	\$1,353,298	\$3,104,298	Amend: increase total budget \$3,104,298 (increase fed \$841,777, increase regional \$1,353,298). Change name, and ALI. Included in grant application: AZ-03-0066.
VMR12-841T	VMR	Central Mesa LightRail	Sm Starts: Guideway & Track Elements	2013	2016	3.1	14.01.10	2013	5309 SS	\$0	\$6,554,647	\$5,065,899	\$11,620,546	Amend: increase total budget \$2,820,546 (increase fed \$2,154,647, and increase regional \$665,899). Change name, and ALI.
VMR13-936T	VMR	Central Mesa LightRail	Sm Starts: Stations, Stops, Terminals, Intermodal	2013	2016		14.02.20	2013	5309 SS	\$0	\$1,594,159	\$1,232,080	\$2,826,239	Amend: decrease total budget \$25,348,761 (decrease fed \$18,405,841, and decrease regional \$6,942,920). Change name, and ALI.
VMR12-918T	VMR	Central Mesa LightRail	Sm Starts: Sitework & Special Conditions	2013			14.04.40	2013	5309 SS	\$0	\$1,644,207	\$1,270,761	\$2,914,968	Amend: decrease total budget \$199,478 (increase fed \$86,984, and decrease regional \$286,462). Change name, and ALI.
VMR13-923T	VMR	Central Mesa LightRail	Sm Starts: Systems	2013			14.05.50	2013	5309 SS	\$0	\$4,562,841	\$3,526,489	\$8,089,330	Amend: Add project, Federal PCGA approval est. June 2012
VMR12-842T	VMR	Central Mesa LightRail	Sm Starts: ROW, Land, Existing Improvements	2013		3.1	14.06.60	2013	5309 SS	\$0	\$0	\$0	\$0	Amend: Reduce budget (fed \$2,250,000, Regional \$2,250,000) to zero for 2013. Change name, and ALI.
VMR13-928T	VMR	Central Mesa LightRail	Sm Starts: Professional Services	2013			14.08.80	2013	5309 SS	\$0	\$3,181,095	\$2,458,577	\$5,639,672	Amend: Add project, Federal PCGA approval est. June 2012
VMR13-926T	VMR	Central Mesa LightRail	Sm Starts: Unallocated Contingency	2013			14.09.90	2013	5309 SS	\$0	\$1,648,257	\$1,273,891	\$2,922,148	Amend: Add project, Federal PCGA approval est. June 2012
VMR13-927T	VMR	Central Mesa LightRail	Sm Starts: Finance Charges	2013			14.10.10	2013	5309 SS	\$0	\$814,794	\$629,731	\$1,444,525	Amend: Add project, Federal PCGA approval est. June 2012
VMR14-102T	VMR	Central Mesa LightRail	Sm Starts: Guideway & Track Elements	2014	2016	3.1	14.01.10	2014	5309 SS	\$0	\$1,935,778	\$1,496,107	\$3,431,885	Amend: decrease total budget \$37,568,115 (decrease fed \$15,064,222, and decrease regional \$22,503,893). Change name, and ALI.
VMR15-102T	VMR	Central Mesa LightRail	Sm Starts: Stations, Stops, Terminals, Intermodal	2014	2016		14.02.20	2014	5309 SS	\$0	\$1,595,150	\$1,232,846	\$2,827,996	Amend: decrease total budget \$41,872,004 (decrease fed \$17,404,850, decrease regional \$24,467,154). Change name, and ALI. Advance year from 2015 to 2014.
VMR14-922T	VMR	Central Mesa LightRail	Sm Starts: Sitework & Special Conditions	2014			14.04.40	2014	5309 SS	\$0	\$0	\$0	\$0	Amend: Add project, Federal PCGA approval est. June 2012. Will be amended when add'l funding is awarded.
VMR14-923T	VMR	Central Mesa LightRail	Sm Starts: Systems	2014			14.05.50	2014	5309 SS	\$0	\$9,264,529	\$7,160,290	\$16,424,819	Amend: Add project, Federal PCGA approval est. June 2012
VMR14-924T	VMR	Central Mesa LightRail	Sm Starts: ROW, Land, Existing Improvements	2014		3.1	14.06.60	2014	5309 SS	\$0	\$0	\$0	\$0	Amend: Add project, Federal PCGA approval est. June 2012
VMR14-928T	VMR	Central Mesa LightRail	Sm Starts: Professional Services	2014			14.08.80	2014	5309 SS	\$0	\$4,290,708	\$3,316,166	\$7,606,874	Amend: Add project, Federal PCGA approval est. June 2012
VMR14-926T	VMR	Central Mesa LightRail	Sm Starts: Unallocated Contingency	2014			14.09.90	2014	5309 SS	\$0	\$1,650,923	\$1,275,951	\$2,926,874	Amend: Add project, Federal PCGA approval est. June 2012
VMR14-927T	VMR	Central Mesa LightRail	Sm Starts: Finance Charges	2014			14.10.10	2014	5309 SS	\$0	\$781,910	\$604,316	\$1,386,226	Amend: Add project, Federal PCGA approval est. June 2012

TRANSIT		recomened by Transit Committee												
TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length	A.L.I.	Year of Fund	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
GLN11-702T	Glendale	Glendale: Citywide Paratransit & GUS	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	62,468	249,870	0	312,338	Admin Mod: Increase funding
GLN11-809T	Glendale	Bell/L101	Acquire right of way regional park-and-ride/transit center (Bell/L101)	2012			11.32.04	2012	5309-FGM	0	3,514,570	804,353	4,318,923	Amend: Add new project from combined GLN11-809TA, TB, and TC. Defer to 2012
GLN11-809TA	Glendale	Bell/L101	Acquire right of way regional park-and-ride (Bell/L101) - FY2010 5309-FGM Funds	2011			11.32.04		5309-FGM	0	2,287,742	571,935	2,859,677	Amend: Delete Project; Combine GLN11-809TA, TB, and TC. Defer to 2012
GLN11-809TB	Glendale	Bell/L101	Acquire right of way regional park-and-ride (Bell/L101)	2011			----		5309-FGM	0	778,505	194,626	973,131	Amend: Delete Project; Combine GLN11-809TA, TB, and TC. Defer to 2012
GLN11-809TC	Glendale	Bell/L101	Acquire right of way regional park-and-ride (Bell/L101) - FY 2010 STP Flex Funds	2011			11.32.04		STP-Flex	0	448,323	37,792	486,115	Amend: Delete Project; Combine GLN11-809TA, TB, and TC. Defer to 2012
GLN12-812T	Glendale	Bell/L101	Construct regional park-and-ride/transit (Bell/L101)	2013			11.33.04	2013	5307	0	6,782,578	1,695,645	8,478,223	Amend: Move to 2013 and combine GLN12-812TA, TB and TD.
GLN12-812TC	Glendale	Bell/L101	Construct regional park-and-ride (Bell/L101)	2012			11.33.04		STP-Flex	0	1,460,900	88,305	1,549,205	Amend: Delete project, funds are already in GLN12-812TB
GLN12-812TD	Glendale	Bell/L101	Construct regional park-and-ride (Bell/L101)	2012			11.33.04		5307	0	4,415,105	1,103,776	5,518,881	Amend: Delete project. Change funding from 5309-FGM to 5307, and combine with GLN12-8012TA, TB. New Project is: GLN12-812T.
GLN13-199T	Glendale	Bell/L101	Construct regional park-and-ride (Bell/L101)	2013			11.33.04		PTF	9,994,849	0	249,504	10,244,350	Amend: Delete Project
GLN13-199T	Glendale	Bell/L101	Construct regional park-and-ride (Bell/L101)	2013			11.33.04		PTF	9,994,849	0	249,504	10,244,350	Amend: Delete Project
PEO11-702T	Peoria	Peoria: Citywide Paratransit	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	23,475	93,898	0	117,373	Admin Mod: Increase funding
PHX11-112T	Phoenix	Phoenix -Buses serving Rapid Routes on HOV system	Preventive Maintenance - FY2010 5309-FGM Funds	2012			11.7A.00	2010	5309-FGM	78,366	313,462	0	391,828	Admin Mod: Modify funds for 2010 preventive maintenance by increasing the federal amount from \$47,520 to \$313,462.
PHX11-706T	Phoenix	Regionwide	Phoenix: Citywide Fixed Route - Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	2,878,008	11,512,033	0	14,390,041	Admin Mod: Increase funding
PHX12-804T	Phoenix	Regionwide	Preventive Maintenance - FY2010 STP-Flex	2012			11.7A.00	2010	STP-Flex	0	448,323	37,792	486,115	Amend: Add new Project
PHX12-805T	Phoenix	Phoenix -Buses serving Rapid Routes on HOV system	Preventive Maintenance - FY2011 5309-FGM Funds	2012			11.7A.00	2011	5309-FGM	31,676	126,702	0	158,378	Amend: Add new project
SCT11-113T	Scottsdale	Scottsdale: Fixed Route	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	25,270	101,081	0	126,351	Admin Mod: Increase funding
SUR11-701T	Surprise	Surprise: Citywide Paratransit	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	6,170	24,681	0	30,851	Admin Mod: Increase funding
TMP11-701T	Tempe	Tempe: Fixed Route	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	473,095	1,892,381	0	2,365,476	Admin Mod: Increase funding
VMR11-103T	METRO Rail	Phoenix, Mesa, Tempe - Light Rail	Preventive Maintenance - FY2010 5309-FGM Funds	2012			11.7A.00	2010	5309-FGM	0	233,042	58,261	291,303	Admin Mod: Modify funds for 2010 preventive maintenance by increasing the federal amount from \$32,702 to \$233,042.
VMR12-109T	Valley Metro/RPTA	Regionwide -Buses serving Express Routes on HOV system	Preventive Maintenance - FY2011 5309-FGM Funds	2012			11.7A.00	2011	5309-FGM	0	878,425	219,606	1,098,031	Amend: Add new project
VMT11-106T	Valley Metro/RPTA	Regionwide -Buses serving Express Routes on HOV system	Preventive Maintenance - FY2010 5309-FGM Funds	2012			11.7A.00	2010	5309-FGM	0	2,173,236	543,309	2,716,545	Admin Mod: Modify funds for 2010 preventive maintenance by increasing the federal amount from \$351,773 to \$2,173,236.
VMT12-104T	METRO Rail	Phoenix, Mesa, Tempe - Light Rail	Preventive Maintenance - FY2011 5309-FGM Funds	2012			11.7A.00	2011	5309-FGM	0	94,196	23,549	117,745	Amend: Add new project
VMR11-104T	Valley Metro Rail	Central Phoenix / East Valley (CP/EV) 20-mile light rail transit starter line	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	141,428	565,712	0	707,140	Admin Mod: Increase funding
VMT11-709T	Valley Metro/RPTA	Regionwide: Fixed Route	Preventive Maintenance - 2011 5307 Funds	2012			11.7A.00	2011	5307	695,260	2,781,041	0	3,476,301	Admin Mod: Increase funding
GLN12-100T	Glendale	Glendale: Citywide Paratransit & GUS	Preventive Maintenance 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	3,148	52,088	0	55,236	Admin Mod: Increase funding

TRANSIT			<i>continued</i>											
TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length	A.L.I.	Year of Fund	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
PEO12-100T	Peoria	Peoria: Citywide Paratransit	Preventive maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	1,299	21,497	0	22,796	Admin Mod: Increase funding
PHX12-104T	Phoenix	Regionwide	Preventive maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	122,428	2,025,433	0	2,147,861	Admin Mod: Increase funding
SCT12-102T	Scottsdale	Scottsdale: Fixed Route	Preventive maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	2,499	41,340	0	43,839	Admin Mod: Increase funding
SUR12-100T	Surprise	Surprise: Citywide Paratransit	Preventive maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	475	7,854	0	8,329	Admin Mod: Increase funding
TMP12-100T	Tempe	Tempe: Fixed Route	Preventive Maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	42,254	699,051	0	741,305	Admin Mod: Increase funding
VMR12-106T	Valley Metro Rail	Central Phoenix / East Valley (CP/EV) 20-mile light rail transit starter line	Preventive Maintenance - 2009 & 2011 STP funds	2012			11.7A.00	2011	STP-Flex	13,979	231,262	0	245,241	Admin Mod: Increase funding
VMT12-102T	Valley Metro/RPTA	Regionwide: Fixed Route	Preventive Maintenance - 2009 & 2011 STP Funds	2012			11.7A.00	2011	STP-Flex	50,675	838,365	0	889,040	Admin Mod: Increase funding

Project Change since mail out  
 Project Changes to the TIP listed in red

**TABLE B. Amendments and Administrative Modifications to the FY2011-2015 TIP and the FY2012 ALCP**

Revised 4/23/2012

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund	Reimb. Amount	Note
Gilbert	2010	2012	GLB12-107ADZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Design roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 907,658	\$ 907,658	RARF	\$ 635,361	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to ROW.
Gilbert	2011	2012	GLB12-107ADZ2	Queen Creek Rd: Val Vista Dr to Higley Rd	Design roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 907,658	\$ 907,658	RARF	\$ 635,361	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to ROW.
Gilbert	2010	2012	GLB13-107ARWZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Acquisition of right-of-way for roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 33,567	\$ 33,567	RARF	\$ 23,497	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to Construction.
Gilbert	2011	2013	GLB13-107ARWZ2	Queen Creek Rd: Val Vista Dr to Higley Rd	Acquisition of right-of-way for roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 1,520,292	\$ 1,520,292	RARF	\$ 1,064,205	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to Construction.
Gilbert	2011	2013	GLB13-107ACZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Construct roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 18,768	\$ 18,768	RARF	\$ 13,137	Amend. New line item in the TIP.
Gilbert	2011	2014	GLB14-107ACZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Construct roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 7,823,044	\$ 7,823,044	RARF	\$ 5,476,131	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to project savings.
Gilbert	2012	2015	GLB12-107CZ	Queen Creek Rd: Val Vista Dr to Higley Rd	Construct roadway widening	2	2	4	Bonds	\$ -	\$ -	\$ 4,536,637	\$ 4,536,637	RARF	\$ 3,175,646	Amend. Decreased total cost and regional reimbursement. Difference in regional funds moved to project savings.
Maricopa County	2013	2013	MMA13-118RWZ	Northern Parkway: Dysart to 111th	Acquisition of right-of-way for bridge construction and roadway widening	2.5	2	4	STP-MAG	#####	\$ -	\$ 720,466	\$ 2,401,553	STP-MAG	\$ 1,681,087	Amend. Consolidated two previous TIP line items.

**TABLE C. Amendments and Administrative Modifications to the FY2012 ALCP (Non-TIP Changes)**

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund	Reimb. Amount	Note
Gilbert	2015	2015	NONE	Queen Creek Rd: Val Vista Dr to Higley Rd	Project savings from roadway widening	2	2	4	RARF	\$ -	\$ 2,300,485	\$ -	\$ 2,300,485	RARF	\$ 2,300,485	Amend. Add project savings line to the ALCP. Regional funds reallocated from reduced project costs.
Maricopa County	2016	2016	MMA15-112CZ	Northern Parkway: Northern Avenue at Loop 101	Construct roadway widening and overpass	0.5	4	6	STP-MAG	#####	\$ -	\$ 481,385	\$ 1,604,617	STP-MAG	\$ 1,123,232	Amend. Delete line item from the TIP. Worked deferred from FFY2015 to 2016
Maricopa County	2016	2017	MMA15-112CZ2	Northern Parkway: Northern Avenue at Loop 101	Construct roadway widening and overpass	0.5	4	6	HURF	\$ -	\$ -	\$ 5,549,846	\$ 5,549,846	STP-MAG	\$ 3,884,892	Amend. Delete line item from the TIP. Worked deferred from FFY2015 to 2016

Project Change since mailout

**Central Mesa LRT Extension**  
**Mesa, Arizona**  
**Project Development**  
**(Based upon information received by FTA in November 2010)**

<b>Summary Description</b>	
<b>Proposed Project:</b>	Light Rail Transit 3.1 Miles, 4 Stations
<b>Total Capital Cost (\$YOE):</b>	\$198.49 Million (Includes \$8.2 million in finance charges)
<b>Section 5309 Small Starts Share (\$YOE):</b>	\$75.00 Million (37.8%)
<b>Annual Forecast Year Operating Cost:</b>	\$4.70 Million
<b>Opening Year Ridership Forecast (2016):</b>	9,740 Average Weekday Boardings 2,180 Daily New Riders
<b>Overall Project Rating:</b>	Medium-High
<b>Project Justification Rating:</b>	Medium
<b>Local Financial Commitment Rating:</b>	Medium-High

**Project Description:** Valley Metro Rail Inc. (METRO) proposes to build an extension of the existing Central Phoenix/East Valley Light Rail Transit (LRT) line from its eastern terminus at Sycamore and Main Streets in west Mesa to a new terminus at Mesa Drive and Main Street in central Mesa. New at-grade stations would be constructed in the median of Main Street at Alma School Road, Country Club Road, Center Street and Mesa Drive. A surface park-and-ride facility with 500 parking spaces would be provided at the Mesa Drive Station. The project will include traffic signal priority for LRT vehicles to allow faster travel times. METRO would operate the extension using its existing fleet of LRT vehicles. Service would be provided at 10-minute headways during weekday peak and mid-day periods, 20-minute headways on weekday evenings and 15-minute headways all day on weekends in 2016, the opening year of the project.

**Project Purpose:** The Central Mesa LRT Extension is intended to provide a transfer-free connection between the existing Central Phoenix LRT line terminal at Sycamore Street and the downtown Mesa central business district that includes a concentration of retail and office businesses and the Mesa City Hall. The project would improve connections between the Central Mesa LRT corridor and major activity and employment centers located east and west of the project route such as downtown Phoenix, downtown Tempe, Sky Harbor International Airport and Arizona State University. Local bus service would be expanded to serve each station along the extension and operate more frequently.

**Project Development History, Status and Next Steps:** In November 2004, Maricopa County, where the cities of Phoenix and Mesa are located, approved Proposition 400 to extend an existing county-wide 0.5 percent sales tax for an additional twenty years from 2006 through 2025 to fund transportation improvements including the Central Mesa LRT Extension project. An alternatives analysis for the Central Mesa corridor was initiated in Spring 2007. The Central Mesa LRT Extension was adopted as the Locally Preferred Alternative by the Mesa City Council, METRO and the MAG Board of Directors in September 2009. FTA approved the Central Mesa LRT Extension project into Small Starts project development in July 2010. A draft Environmental Assessment (EA) was issued for public review in November 2010. Completion of the EA process is anticipated in early 2011. METRO anticipates receipt of a Project Construction Grant Agreement in late 2011, construction to begin in late 2012, and the start of revenue operations in early 2016.

## Locally Proposed Financial Plan

<u>Source of Funds</u>	<u>Total Funds (\$million)</u>	<u>Percent of Total</u>
<b>Federal:</b>		
Section 5309 Small Starts	\$75.00	37.8%
FHWA Flexible Funds (CMAQ)	\$44.65	22.5%
<b>Local:</b>		
Proposition 400 (1/2-cent Sales Tax)	\$78.84	39.7%
<b>Total:</b>	<b>\$198.49</b>	<b>100.0%</b>

**NOTE:** The financial plan reflected in this table has been developed by the project sponsor and does not reflect a commitment by DOT or FTA. The sum of the figures may differ from the total as listed due to rounding.

<b>Factor</b>	<b>Rating</b>	<b>Comments</b>
<b>Local Financial Commitment Rating</b>	<b>Medium-High</b>	
<b>Non-Section 5309 New Starts Share (20% of summary financial rating)</b>	<b>Medium-High</b>	The Small Starts share of the project is 37.8 percent.
<b>Project Capital Financial Plan (50% of summary financial rating)</b>	<b>Medium-High</b>	
Capital Condition (25% of capital plan rating)	Medium-High	METRO's good bond ratings, issued in 2009 are as follows: AA+ by Standard & Poor's Rating Service and AA+ by Fitch Ratings, Inc.
Commitment of Funds (25% of capital plan rating)	High	All of the non-Small Starts funds are committed or budgeted. Sources of funds include Congestion Mitigation and Air Quality Improvement (CMAQ) funds and local Mesa Public Transportation Fund (PTF) Proposition 400 sales tax proceeds.
Capital Cost Estimates, Assumptions and Financial Capacity (50% of capital plan rating)	Medium	The capital cost is well formed for the level of project development. METRO has the capacity to cover cost increases or funding shortfalls equal to at least 25 percent of estimated project costs.
<b>Project Operating Financial Plan (30% of summary financial rating)</b>	<b>Medium-High</b>	
Operating Condition (25% of operating plan rating)	Medium	METRO's current ratio of assets to liabilities is 1.10 in the most recent audited financial statements. There have only been very minor reductions in service.
Commitment of Funds (25% of operating plan rating)	High	All operating funding is budgeted. Funding sources include City of Mesa general funds and farebox revenues.
O&M Cost Estimates, Assumptions, and Financial Capacity (50% of operating plan rating)	Medium	Operating cost estimates are reasonable compared to historical experience. Operating revenues are reasonable compared to historical experience.  METRO's projected cash balance is less than three months, but more than 1.5 months, of annual base system-wide operating expenses

# Central Mesa LRT Extension

## Mesa, Arizona

### Project Development

(Land Use and Economic Development Rating based upon Information accepted by FTA in July 2010)

#### **LAND USE RATING: *Medium-Low***

The land use rating reflects the population and employment densities within ½-mile of proposed station areas:

- Average population density across all station areas is 5,602 persons per square mile. Total employment along the extension is 16,000; a further 80,500 jobs are located in downtown Phoenix, which would be served directly by the project.
- The alignment includes a mixture of commercial, retail, residential (single- and multi-family), civic and educational land uses. Three of the four stations serve downtown Mesa, which reflects a traditional downtown development pattern with connected streets, small blocks, pedestrian-scale development and streetscape treatments. Outside of downtown, arterial streets are wider and development is more suburban in nature. Downtown Mesa offers over 5,000 parking spaces, all of which are free.

#### **ECONOMIC DEVELOPMENT RATING: *Medium-High***

##### **Transit-Supportive Plans and Policies: *Medium-High***

(50 percent of Economic Development Rating)

- The *Mesa 2025 General Plan*, *West Main Street Neighborhood Plan* and *Town Center Concept Plan* encourage higher-density, pedestrian-friendly development in station areas and provision of infrastructure to support higher densities. The City of Mesa is developing plans to reduce parking requirements and redevelop surface parking lots along Main Street.
- The City of Mesa's zoning code permits moderate- to high-density residential development in areas around each station, with such zoning designations most prevalent in the downtown area. Zoning codes in the downtown area also allow mixed-use development. In other areas, mixed uses and higher densities are permitted through council use permits and overlay zones. The City of Mesa is updating its zoning ordinance to facilitate mixed-use development and reduce parking requirements along the proposed LRT extension; form-based codes are also being considered.
- Regulatory and financial incentives include loans for job creation in the downtown area, reductions in impact fees for redevelopment and low-interest financing and regulatory assistance for economic development projects.

##### **Performance and Impacts of Policies: *Medium-High***

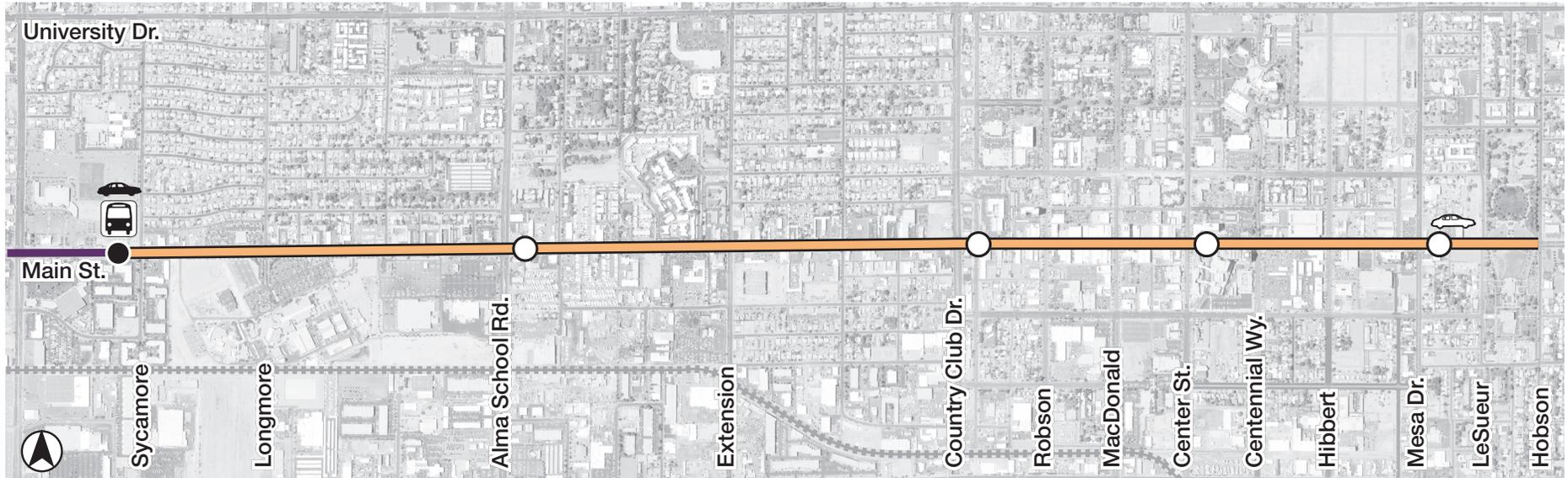
(50 percent of Economic Development Rating)

- The existing METRO LRT line has spurred considerable development. As of December 2008, a total of \$5.4 billion of development had been completed or was under construction in station areas along the line, with a further \$2 billion of development proposed. In Tempe and Mesa, nearest the extension, development exceeded \$1.1 billion as of December 2008. Proposed projects were likewise valued at \$1.1 billion.
- A combination of vacant, underdeveloped and potentially obsolete sites provides ample opportunity for infill and new development along the corridor. A conservative estimate of 232 acres will be available for development by 2030.



# CENTRAL MESA LIGHT RAIL TRANSIT EXTENSION

Mesa, Arizona



## LEGEND

- |                       |                  |                        |                |  |
|-----------------------|------------------|------------------------|----------------|--|
| METRO Light Rail Line | LRT Extension    | Park-and-Ride          | Transit Center |  |
| Existing Station      | Proposed Station | Proposed Park-and-Ride | Railroad       |  |

Rev. 09-22-10

