

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

DATE:

June 21, 2011

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 seven times with the last modification approved in May 2011. Since then, there is a need to modify two projects in the programs that are receiving federal Highway Safety Improvement Program (HSIP) funds. ADOT has also requested project changes for six projects, the City of Mesa is also requesting changes to two projects for fiscal reasons. The Management Committee recommended approval of these change requests.

Since the Management Committee met, MAG was contacted by the City of Chandler and Phoenix. Due to lower costs, it is necessary to modify the project costs for a transit project for it to move forward. Please see the attached table for more information.

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:

Management Committee: The Management Committee met on June 8, 2011 and recommended approval of amendments and administrative modifications for the highway projects as included in the FY 2011-2015 MAG Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2010 Update.

MEMBERS ATTENDING

- Carl Swenson, Peoria, Chair
- Charlie Meyer, Tempe, Vice Chair
- # George Hoffman, Apache Junction
- Charlie McClendon, Avondale
- Stephen Cleveland, Buckeye
- Gary Neiss, Carefree
- * Usama Abujbarah, Cave Creek
- Rich Dlugas, Chandler
- Spencer Isom, El Mirage
- Alfonso Rodriguez for Phil Dorchester,
Fort McDowell Yavapai Nation
- Rick Davis, Fountain Hills
- Rick Buss, Gila Bend
- * David White, Gila River Indian Community
- Collin DeWitt, Gilbert
- Brent Stoddard for Ed Beasley, Glendale
- Mark Gaillard for John Fischbach,
Goodyear

- Bill Hernandez, Guadalupe
- Sonny Culbreth for Darryl Crossman,
Litchfield Park
- Christopher Brady, Mesa
- David Andrews for Jim Bacon,
Paradise Valley
- David Cavazos, Phoenix
- John Kross, Queen Creek
- * Bryan Meyers, Salt River Pima-Maricopa
Indian Community
- David Richert, Scottsdale
- Chris Hillman, Surprise
- * Reyes Medrano, Tolleson
- # Gary Edwards, Wickenburg
- * Lloyce Robinson, Youngtown
- Rob Samour for John Halikowski, ADOT
- Kenny Harris for David Smith, Maricopa Co.
- David Boggs, Valley Metro/RPTA

- * Those members neither present nor represented by proxy.
- # Participated by telephone conference call. + Participated by videoconference call.

Transportation Review Committee: The Transportation Review Committee met on May 26, 2011 and recommended approval of amendments and administrative modifications for the Buckeye and Chandler projects as included in the FY 2011-2015 MAG Transportation Improvement Program, and as appropriate, to the Regional Transportation Plan 2010 Update.

MEMBERS ATTENDING

- Peoria: David Moody
- ADOT: Kwi-Sung Kang
- Avondale: Sue McDermott for David Fitzhugh
- Buckeye: Scott Lowe
- Chandler: Patrice Kraus
- El Mirage: Lance Calvert
- Fountain Hills: Randy Harrel
- * Gila Bend: Eric Fitzer
- * Gila River: Doug Torres
- * Gilbert: Tami Ryall
- Glendale: Terry Johnson
- Goodyear: Cato Esquivel
- # Guadalupe: Gino Turrubiarres
- Litchfield Park: Paul Ward for Woody
Scoutten

- Maricopa County: Clem Ligocki for John
Hauskins
- Mesa: Scott Butler
- * Paradise Valley: Bill Mead
- Phoenix: Rick Naimark
- # Queen Creek: Kevin Johnson for Tom Condit
- RPTA: Bryan Jungwirth
- Scottsdale: Dave Meinhart
- Surprise: Bob Beckley
- Tempe: Robert Yabes for Chris Salomone
- Valley Metro Rail: John Farry
- Wickenburg: Rick Austin
- * Youngtown: Grant Anderson for Lloyce
Robinson

EX-OFFICIO MEMBERS ATTENDING

- Street Committee: Dan Cook
- * ITS Committee: Nicolaas Swart
- Bicycle/Pedestrian Committee: Katherine
Coles

- * Transportation Safety Committee: Julian
Dresang

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

CONTACT PERSON:

Eileen O. Yazzie, Transportation Programming Manager, (602) 254-6300.

Project Changes for the FY2011-2015 MAG TIP

Agency	TIP #	Project Location	Project Description	Fiscal Year	Length	Lanes Before	Lanes After	Fund Type	Federal Cost	Regional Cost	Local Cost	Total Cost	Requested Change
ADOT	DOT11-121	SR303L: Camelback Rd - Glendale Ave	Utility Relocation	2011	2	n/a	n/a	RARF		\$ 12,500,000		\$ 12,500,000	Amend: Increase utility relocation budget by \$4,500,000. Proposed cost is now \$12,500,000; it was previously \$8,000,000.*
ADOT	DOT11-127	101 (Agua Fria & Pima Fwy): 67th Ave - 51st Ave & 27th Ave - 19th Ave, EB Frontage Road)	Pavement Preservation (Micro-surfacing)	2011	2.1	n/a	n/a	NHS	\$ 216,890	\$ -	\$ 13,110	\$ 230,000	Amend: Delete existing pavement preservation project.
ADOT	DOT11-831	MAG Regionwide	Improve traffic interchanges	2012	n/a	n/a	n/a	STP-AZ	\$ 3,000,000			\$ 3,000,000	Admin Mod: Defer this item to FY 2012 from FY 2011.
ADOT	New	MAG Regionwide	Safety Improvements (Replace BCT)	2011	n/a	n/a	n/a	HSIP	\$ 1,650,250		\$ 99,750	\$ 1,750,000	Amend: Add a new safety improvements project in Federal FY 2011 for \$1,750,000.
ADOT	New	71: US60 to Yavapai County Line	Pavement Preservation (Chip Seal)	2011	5.1	n/a	n/a	STP-AZ	\$ 377,200		\$ 22,800	\$ 400,000	Amend: Add a new pavement preservation project in Federal FY 2011 for \$400,000.
ADOT	New	60 (Grand Ave): Vulture Mine Rd to Los Altos Dr	Construct Multi-use Path and Dual Turning Lane	2011	1.4	n/a	n/a	HSIP & TEA	\$2,652,659		\$160,341	\$ 2,813,000	Amend: Add a new construction project in Federal FY 2011 for \$2,813,000 (HSIP: \$1,796,415; TEA: \$856,244 & Match: \$160,341).
Buckeye	BKY11-108	Yuma and Watson Rd and Miller and Warner intersections	Advanced Dilemma Zone Detection for high speed approaches	2011	n/a	n/a	n/a	HSIP	\$ 35,500	\$ -	\$ -	\$ 35,500	Amend: Increase HSIP funding from \$27,599 to \$35,500
Chandler	CHN130-08C	Ray Rd at Alma School Rd	Construct intersection improvement	FY2012, starting July 1, 2011	0.3	4	6	HSIP	\$ 6,362,319		\$ 652,886	\$ 7,015,205	Amend: Change funds from RARF & Local to HSIP & Local
Mesa	MES11-106CZ	Dobson Rd at Guadalupe Rd: Intersection Improvements	Construct roadway widening	2010 - 2011	2011	All-DOB-1003	0.5	RARF	\$ 626,913	\$ -	\$ 1,462,796	\$ 2,089,708	Admin Mod: Decreased total costs from \$3,489,027 to \$2,089,708. Reallocated project savings/regional funds to MES120-08CZ.
Mesa	MES120-08CZ	Greenfield Rd: Baseline Rd to Southern Ave	Construct roadway widening	2010	2011	ACI-GRN-2003-A	1.0	RARF	\$ 1,607,902	\$ -	\$ 3,410,141	\$ 5,018,043	Admin Mod: Increased regional cost. Funds reallocated from project savings on MES11-106CZ.

*MATERIAL CHANGE - A.R.S. 28-6353 requires that MAG approve any change in priorities, new projects, or requests for changes that would materially increase Freeway Program costs, change Project scope, or change Project Schedule. The Material Change Policy for the MAG Regional Freeway Program is attached. The requested changes that are Material Changes are highlighted above

TRANSIT - Heard for the first time at Regional Council

Agency	TIP #	Project Location	Project Description	Fiscal Year	Length	Lanes Before	Lanes After	Fund Type	Federal Cost	Regional Cost	Local Cost	Total Cost	Requested Change
Chandler	CHN08-802T	Arizona Ave/Germann	Constuct regional park-and-ride (Loop 202/Arizona Ave.) - CMAQ Flex funds from FY2009	2011	n/a	n/a	n/a	CMAQ	\$ 1,086,000		\$ -	\$ 1,086,000	Admin Mod: Due to lower project costs, reduce total costs from \$3,817,833 to \$1,086,000; and reduce regional costs from \$2,731,833 to zero. CMAQ can be programmed at 100% of the costs.



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June 3, 2011

TO: Leslie Rogers, Federal Transit Administration
Karla Petty, Federal Highway Administration
John Halikowski, Arizona Department of Transportation
Henry Darwin, Arizona Department of Environmental Quality
David Boggs, Regional Public Transportation Authority
Stephen Banta, Valley Metro Rail
Debbie Cotton, City of Phoenix Public Transit Department
William Wiley, Maricopa County Air Quality Department
Brian Tapp, Central Arizona Association of Governments
Donald Gabrielson, Pinal County Air Quality Control District
Gregory Nudd, U.S. Environmental Protection Agency, Region IX
Other Interested Parties

FROM: Dean Giles, Air Quality Planning Program Specialist

SUBJECT: CONSULTATION ON THE ESTIMATED EMISSION REDUCTIONS OF PROPOSED
CMAQ PROJECTS FOR THE FEDERAL FY 2011 INTERIM YEAR END CLOSEOUT

The Maricopa Association of Governments is distributing for consultation the estimated emission reductions of proposed Congestion Mitigation and Air Quality Improvement (CMAQ) Program projects for the Federal FY 2011 Interim Year End Closeout. Beginning in 1999, MAG developed methodologies for assessing emission reduction benefits for proposed CMAQ projects in accordance with federal guidance for the CMAQ Program. The latest CMAQ methodologies, dated March 31, 2011, were used to evaluate the proposed projects. We would like to request your comments on the attached estimated emission reductions by June 17, 2011.

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users or SAFETEA-LU, provides for improved interagency consultation for the CMAQ Program. According to 23 U.S.C. 149 (g), States and Metropolitan Planning Organizations are encouraged to consult with State and local air quality agencies in nonattainment and maintenance areas on the estimated emission reductions from proposed Congestion Mitigation and Air Quality Improvement programs and projects.

If you have any questions, please call me at (602) 254-6300.

Attachment

cc: Eric Massey, Arizona Department of Environmental Quality
Jennifer Toth, Arizona Department of Transportation
Mark Hodges, Arizona Department of Transportation

A Voluntary Association of Local Governments in Maricopa County

City of Apache Junction ▲ City of Avondale ▲ Town of Buckeye ▲ Town of Carefree ▲ Town of Cave Creek ▲ City of Chandler ▲ City of El Mirage ▲ Fort McDowell Yavapai Nation ▲ Town of Fountain Hills ▲ Town of Gila Bend
Gila River Indian Community ▲ Town of Gilbert ▲ City of Glendale ▲ City of Goodyear ▲ Town of Guadalupe ▲ City of Litchfield Park ▲ Maricopa County ▲ City of Mesa ▲ Town of Paradise Valley ▲ City of Peoria ▲ City of Phoenix
Town of Queen Creek ▲ Salt River Pima-Maricopa Indian Community ▲ City of Scottsdale ▲ City of Surprise ▲ City of Tempe ▲ City of Tolleson ▲ Town of Wickenburg ▲ Town of Youngtown ▲ Arizona Department of Transportation

**MAY 24, 2011 MAG AIR QUALITY TECHNICAL ADVISORY COMMITTEE RECOMMENDATION TO FORWARD THE EVALUATION OF PROPOSED CMAQ PROJECTS FOR THE
FEDERAL FY 2011 INTERIM YEAR END CLOSEOUT - RANKED BY PM-10 EMISSION REDUCTIONS**

Agency	TIP Number	Location	Description of Work	Fiscal Year	Emissions Reduction Weighted TOG (kg/day)	Emissions Reduction Weighted NOx (kg/day)	Emissions Reduction Weighted PM-10 (kg/day)	Emissions Reduction Weighted Total (kg/day)	Cost Effectiveness (\$/metric ton) ¹	CMAQ Funds Requested	Notes (below)
El Mirage	ELM09-802	125th and 127th Ave: Varney Rd to Peoria, and Dysart Ranchettes area: Varney Rd, Peoria Ave, Dysart Rd, and El Mirage	Pave unpaved roads	2011			147.03	147.03	\$2,599	\$444,400	3
Phoenix	PHX14-102	ITS Strategic Plan	Develop the City of Phoenix's first ITS Strategic Plan	2011	10.82	35.62	12.58	59.02	\$2,431	\$71,964	2
Maricopa County	MMA11-724	Forrest Rd: McDowell Mountain Rd to Rio Verde Dr	Add paved dirt shoulder and bike lane on both sides	2011	0.02	0.03	3.83	3.87	\$19,133	\$130,000	4,5
Phoenix	NEW	7th Street, McDowell Rd to Northern Ave and 7th Avenue, McDowell Rd to Northern Ave	Evaluation and design for flasher controller alternatives and Solar Energy Power Supply Feasibility	2011	1.70	5.60	1.98	9.27	\$12,903	\$200,000	2
Tempe	TMP12-804	Citywide	Design and construct fiber optic cable installations	2011	3.35	12.32	1.63	17.31	\$12,483	\$118,643	2
Avondale	NEW	Citywide	Provide and install cameras, wireless communication units on existing traffic signal poles/mast arms, includes upgrades to existing camera management software	2011	1.08	2.34	0.92	4.34	\$101,150	\$734,447	2,7
Mesa	MES11-703	Various locations	Install fiber-optic communications and upgrade traffic signal controllers	2011	0.74	3.27	0.82	4.82	\$148,886	\$500,000	7
Mesa	MES12-815	ITS Signal Conversions - Phase 5 (Brown Rd and Lindsay Rd)	Establish fiber optic links to traffic signals	2011	0.67	2.98	0.74	4.40	\$352,963	\$1,934,406	2
Valley Metro Rail	VMR09-826T	Central Phoenix/East Valley (CP/EV) 20-mile light rail transit starter line	Installation of additional METRO ticket vending machines and stand alone fare validation systems - CMAQ Flex funds from FY 2009	2011	0.30	0.76	0.68	1.74	\$95,064	\$300,000	6
Glendale	GLN12-101	Various locations	Design to connect seven intersections to city central signal system and four CCTV cameras	2011	0.50	1.75	0.55	2.81	\$44,735	\$210,000	2
Surprise	NEW	Citywide	ITS Strategic Plan	2011	0.33	1.13	0.37	1.83	\$34,260	\$105,000	2
Chandler	CHN14-102	Ray, Elliot, Dobson, connecting at Arizona back to TMC	Construct ITS project for fiber communications from signals to the TCM	2011	0.35	1.46	0.26	2.07	\$213,805	\$150,000	2
Maricopa County	MMA11-722	5 different locations	Upgrade traffic signals, including CCTV facilities	2011	0.21	0.75	0.24	1.19	\$125,181	\$150,000	2
Maricopa County	MMA11-723	Bell Rd: 115th Ave to 55th Ave	Construct Dynamic Message Signs, CCTV camera fiber optic conduit and cable	2011	0.19	0.62	0.22	1.02	\$319,062	\$163,800	2
Tempe	TMP12-806	Light Rail Transit Corridor in Tempe	Install CCTV monitoring stations	2011	0.36	1.31	0.17	1.85	\$137,739	\$139,643	2
Avondale	AVN13-901	McDowell Rd: 99th Ave to Avondale Blvd and 99th Ave: McDowell Rd to 1/8 mile north	Furnish and install 2 1/8 miles of fiber optic cable, conduit, interdict, associated equipment at 9 traffic signals and one CCTV camera	2011	0.20	0.43	0.17	0.80	\$694,291	\$180,000	7
Mesa	MES13-905	Consolidated Canal: Lindsay Rd to Baseline Rd	Construct a 10-foot wide concrete pathway, including lighting, paving and traffic signals	2011	0.06	0.10	0.10	0.26	\$1,167,472	\$1,067,600	4,8
Litchfield Park	LPK05-101C	Litchfield Rd at Wigwam Blvd	Construct multi-use underpass	2011	0.03	0.04	0.04	0.11	\$1,954,362	\$293,880	4,8,9
Tempe	TMP10-629	Salt River: Interstate-10/Tempe Drain to Priest Dr	Construct multi-use path	2011	0.02	0.03	0.03	0.09	\$1,406,888	\$500,000	4,8
Glendale	NEW	North/south alleyway between 57th Ave and 57th Dr and Glendale Ave and Glenn Dr	Design only of pedestrian improvements to include pavers, decorative walls, undergrounding utilities, etc.	2011	0.03	0.03	0.02	0.08	\$793,669	\$130,000	8
Phoenix	PHX08-875	Western Canal west of 24th St	Design and construct pedestrian bridge	2011	0.03	0.03	0.01	0.07	\$275,898	\$184,450	8

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Agency	TIP Number	Location	Description of Work	Fiscal Year	Emissions Reduction Weighted TOG (kg/day)	Emissions Reduction Weighted NOx (kg/day)	Emissions Reduction Weighted PM-10 (kg/day)	Emissions Reduction Weighted Total (kg/day)	Cost Effectiveness (\$/metric ton) ¹	CMAQ Funds Requested	Notes (below)
Surprise	NEW	Citywide	Development of a citywide Bike/Pedestrian Strategic Plan	2011	0.01	0.01	0.01	0.03	\$373,878	\$105,000	4,8
Phoenix	NEW	7th Street, McDowell Rd to Northern Ave	Plan, design, and construct bus bay improvements	2011	0.01	0.04	0.002	0.05	\$1,416,228	\$400,000	6
Valley Metro	VMT12-101T	Region wide	Purchase bus; standard 40 foot - 39 replace (Tempe)	2011	0.14	3.10	0.00	3.24	\$256,887	\$3,028,360	6

Notes:

1. Cost Effectiveness is expressed as the total CMAQ Project cost (in dollars) per annual emissions reduction (in metric tons).
2. Supports the Transportation Control Measure (TCM) in the Revised 1999 Serious Area CO Plan and CO Maintenance Plan: "Develop Intelligent Transportation Systems."
3. Supports the measure in the Revised MAG 1999 Serious Area PM-10 Plan: "Reduce Particulate Emissions from Unpaved Roads and Alleys."
4. Supports the TCM in the Revised MAG 1999 Serious Area CO Plan and CO Maintenance Plan: "Encouragement of Bicycle Travel."
5. Supports the measure in the Revised MAG 1999 Serious Area PM-10 Plan: "Curbing, Paving or Stabilizing Shoulders on Paved Roads."
6. Supports the TCM in the Revised MAG 1999 Serious Area CO Plan and CO Maintenance Plan: "Mass Transit Alternatives."
7. Supports the TCM in the Revised MAG 1999 Serious Area CO Plan and CO Maintenance Plan: "Coordinate Traffic Signal Systems."
8. Supports the TCM in the Revised MAG 1999 Serious Area CO Plan and CO Maintenance Plan: "Encouragement of Pedestrian Travel."
9. The project has been changed for the length which was in error from the previously submitted table.