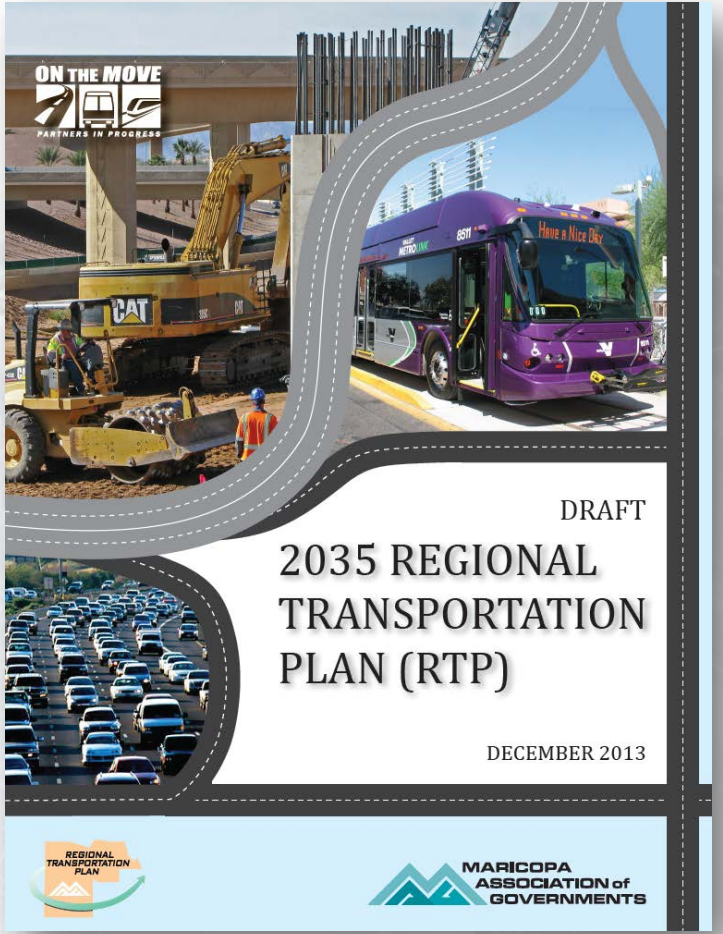
For possible action to recommend approval of the Draft 2035 RTP.

Draft 2035 Regional Transportation Plan



Transportation Policy Committee
January 29, 2014

MARICOPA ASSOCIATION of GOVERNMENTS

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The RTP Guides Transportation Investments in the Region.

- Provides a long-range blueprint.
- Is required to maintain eligibility for federal transportation funding.
- Must be updated at least every four years.
- Extends through Fiscal Year 2035.
- Draft 2035 RTP continues established plans, priorities and policies.

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The RTP is a Comprehensive Document.

- Regional Development Overview
- Public Involvement, Title VI and Environmental Justice
- Consultation on Environmental Mitigation and Resource Conservation
- Financial Plan
- Freeways and Highways
- Arterial Streets
- Public Transit
- Bicycles and Pedestrians, Freight, Special Needs Transportation
- Transportation Enhancement Activities
- Extended Regional Transportation Planning Outlook
- Systems Management and Operations, Demand Management
- Congestion Management Process
- Performance Monitoring and Assessment
- Transportation Safety, Transportation Security
- Air Quality Conformity

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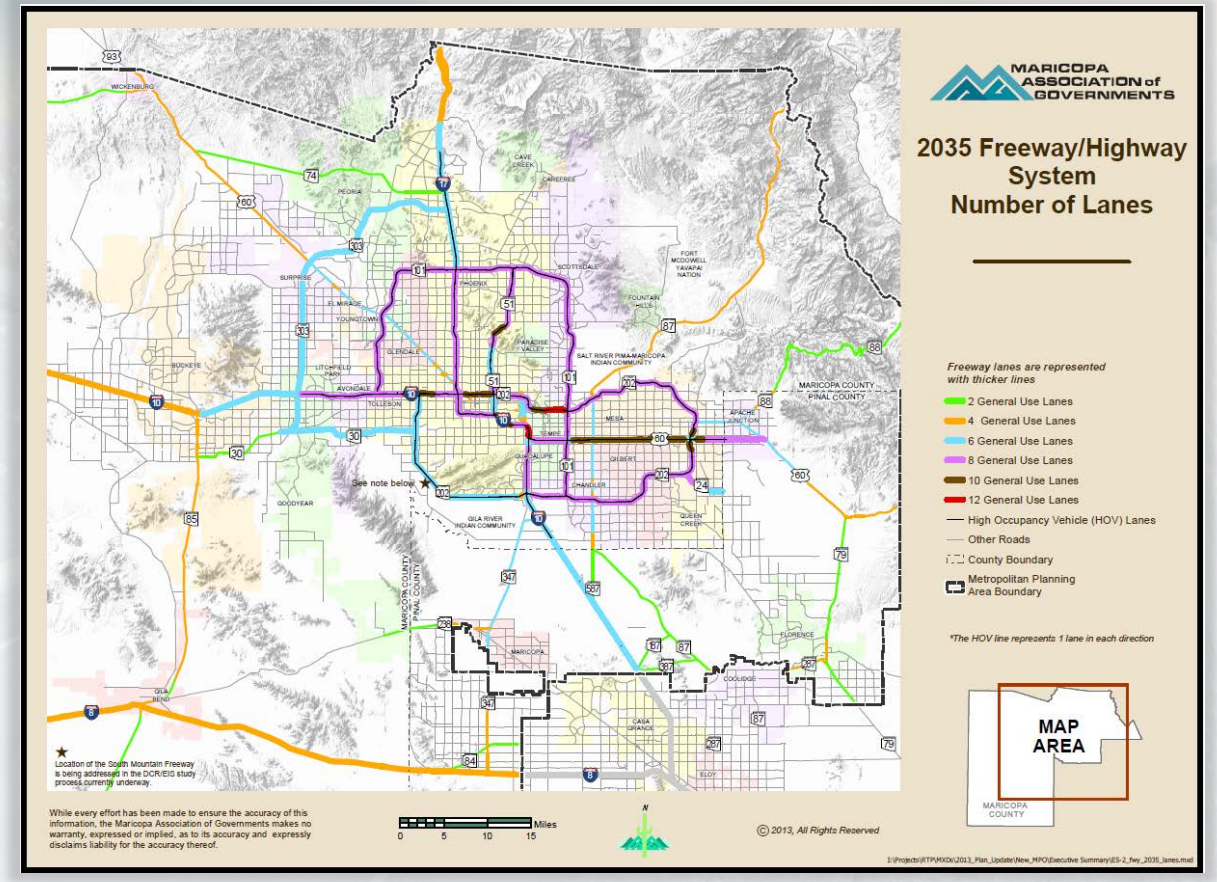
Freeway/Highway System



Regionally Funded Projects

TABLE A-1
2035 REGIONAL TRANSPORTATION PLAN
REGIONAL FREEWAY/ HIGHWAY PROJECTS

PROJECT TYPE	CORRIDOR	PROJECT DESCRIPTION	COST FY 2014 - FY 2035 (2013 $'s in THOUSANDS)	PLAN GROUP
I-10 PAPAGO CORRIDOR				
GPL	10	SR101L, Agua Fria - I-17 (Utilities)	14,400	Group 1
TI	10	Fairview Dr (TI)	20,300	Group 2
GPL	10	SR85 - Verrado Way	42,800	Group 3
		Sub-total	77,500	
I-10 MARICOPA CORRIDOR				
GPL	10	32nd St. - 202L, Santan (Phase 1)	179,100	Group 2
GPL	10	32nd St - 202L, Santan (Phase 2)	122,000	Group 2
GPL	10	32nd St - 202L, Santan (Phase 3)	191,200	Group 2
HOV/GPL	10	SR202L, Santan - Riggs Rd	73,700	Group 2
TI	10	Sky Harbor West Airport Access	60,600	Group 2
TI	10	Chandler Heights	22,900	Group 2
		Sub-total	639,500	
I-17 BLACK CANYON CORRIDOR				
MISC	17	Peoria Ave - Greenway Rd (Drainage Improvements)	18,600	Group 2
HOV/GPL	17	I-10/I-17 Split -SR101L, Agua Fria	877,400	Group 2
HOV	17	SR74, Carefree Highway - Anthem Way	89,500	Group 3
GPL	17	Anthem Way - New River	57,400	Group 3
		Sub-total	1,040,800	
SR24 GATEWAY CORRIDOR				
NEW	24	SR202L, Santan - Ellsworth Rd Ph 2 (Full Freeway Upgrade)	46,900	Group 3
NEW	24	Ellsworth Rd - Meridian Rd	212,609	Group 3
		Sub-total	259,600	
SR30, I-10 RELIEVER CORRIDOR				
NEW	30	SR303L - SR202L South Mountain (R/W Protection)	55,900	Group 2-3
NEW	30	SR85 - SR303L	192,700	Group 3
NEW	30	303L - Estrella Pkwy	279,400	Group 3
NEW	30	Estrella Pkwy - Dysart Rd	243,409	Group 3
NEW	30	Dysart Rd - Avondale Blvd	116,600	Group 3
NEW	30	Avondale Blvd - 97th Ave	148,900	Group 3
NEW	30	97th Ave - 67th Ave	223,350	Group 3
NEW	30	67th Ave - 202L South Mountain	296,800	Group 3
		Sub-total	1,556,900	
SR51 PIESTEWA CORRIDOR				
GPL	51	Shea Blvd - SR101L, Pima	60,200	Group 3
US60 GRAND AVENUE CORRIDOR				
TI	60G	Bell Rd TI	45,000	Group 1
TI	60G	Thompson Ranch/Thunderbird (TI)	13,000	Group 1
IMP	60G	SR101L, Agua Fria - Van Buren St (Phase 2)	20,600	Group 1
GPL	60G	SR101L, Agua Fria - Van Buren St (Phase 3)	86,200	Group 3
		Sub-total	164,700	
US60 SUPERSTITION CORRIDOR				
TI	60S	Meridian Rd (Half Interchange)	11,700	Group 1
HOV/GPL	60S	Crismon Rd - Meridian Rd	28,400	Group 2
TI	60S	Lindsay Rd Half Interchange	8,200	Group 3
		Sub-total	48,300	

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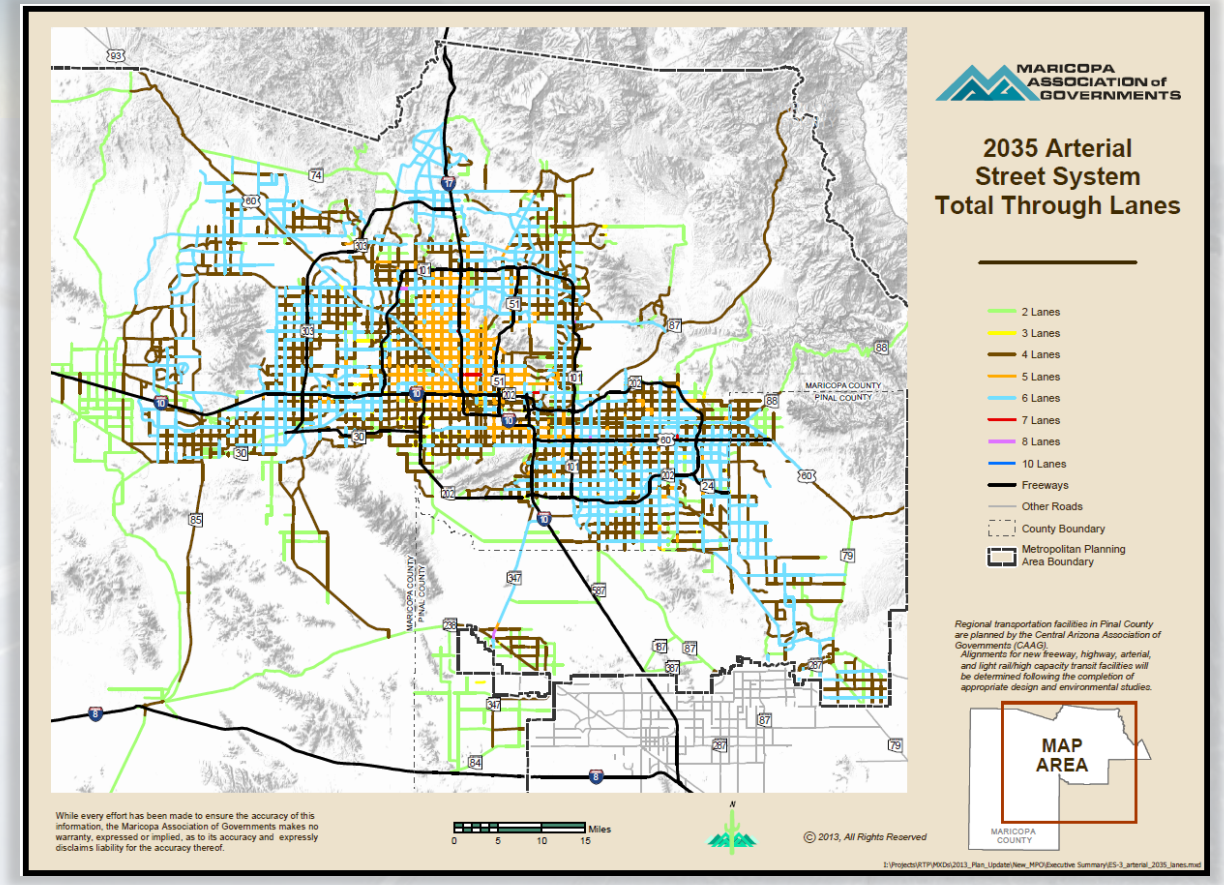
Arterial Street Network



Regionally Funded Projects

TABLE B-1
2035 REGIONAL TRANSPORTATION PLAN
REGIONALLY FUNDED ARTERIAL STREET PROJECTS

FACILITY/LOCATION	REGIONALLY FUNDED REIMBURSEMENTS: FY 2014 - FY 2026 (2011 $'S in THOUSANDS)	REGIONALLY FUNDED REIMBURSEMENTS: FY 2026 - FY 2035 (2011 $'S in THOUSANDS)	TOTAL PROJECT COST: FY 2014 - FY 2035 (2011 $'S in THOUSANDS)	PLAN GROUP
CHANDLER				
Arizona Ave/Chandler Blvd	0	0	0	Project Completed
Arizona Ave/Elliot Rd	0	0	0	Project Completed
Arizona Ave/Ray Rd	0	0	0	Project Completed
Arizona Ave: Ocotillo Rd to Hunt Highway	4,433	3,018	16,692	Group 2
Chandler Blvd/Alma School Rd	2,606	942	10,832	Group 1
Chandler Blvd/Dobson Rd	0	0	0	Project Completed
Chandler Blvd/Kyrene Rd	0	3,776	8,385	Group 3
Gilbert Rd: SR-202L to Hunt Hwy				
Gilbert Rd: SR-202L/Germann to Queen Creek Rd	0	0	0	Project Completed
Gilbert Rd: Queen Creek to Hunt Hwy	0	0	0	Project Completed
Gilbert Rd: Queen Creek Rd to Ocotillo Rd	1,869	0	0	Project Completed
Gilbert Rd: Ocotillo Rd to Chandler Heights	6,160	0	4,853	Group 1
Gilbert Rd: Chandler Heights Rd to Hunt Hwy	3,528	2,649	5,298	Group 1
Kyrene Rd/Ray Rd	3,775	0	8,753	Group 2
Price Rd Substitute Projects				
Chandler Heights Rd: Arizona Avenue to McQueen Road	7,325	0	11,157	Group 2
Chandler Heights Road: McQueen Road to Gilbert Road	6,535	0	27,903	Group 2
McQueen Road: Ocotillo Road to Riggs Road	6,482	0	10,766	Group 1
Ocotillo Road: Arizona Avenue to McQueen Road	5,295	1,408	13,486	Group 1
Ocotillo Road: Cooper Road to Gilbert Road	6,499	0	13,637	Group 2
Price Rd at Germann Rd: Intersection Improvements	3,178	0	5,415	Group 2
Price Rd at Queen Creek Rd: Intersection Improvements	5,222	0	6,687	Group 2
Price Rd: Santan to Germann	0	0	0	Project Completed
Ray Rd/Alma School Rd	0	0	0	Project Completed
Ray Rd/Dobson Rd	6,718	0	10,515	Group 2
Ray Rd/McClintock Dr	5,646	0	8,419	Group 1
Ray Rd/Rural Rd	3,775	0	7,907	Group 2
CHANDLER/GILBERT				
Queen Creek Rd: Arizona Ave to Higley Rd				

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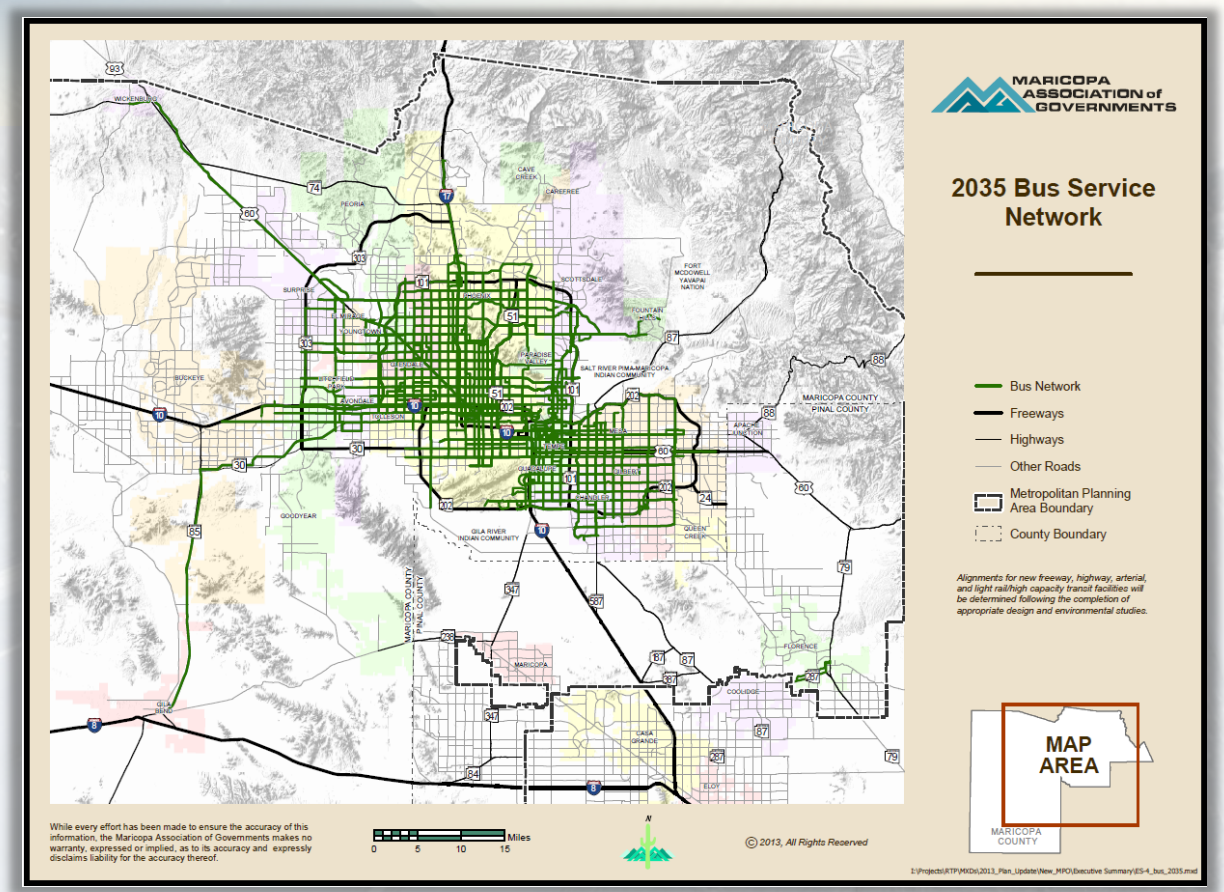
Bus Service Network



Regionally Funded Projects

TABLE C-1
2035 REGIONAL TRANSPORTATION PLAN
REGIONAL BUS ROUTES - OPERATING

	ROUTE	OPERATING COSTS FY 2014 - FY 2035 (2013 $'s in THOUSANDS)	PLAN GROUP [1]
Express and LINK			
511	Tempe/Scottsdale Airpark Express	6,872	Existing
512	Scottsdale Express	5,474	Existing
520	Tempe Express	2,824	Existing
521	Tempe Express	5,241	Existing
522	Tempe Express SC	6,099	Existing
531	Mesa/Gilbert Express	11,228	Existing
533	Mesa Express	12,614	Existing
535	Northeast Mesa/Downtown Express	10,196	Existing
541	Chandler Express	7,821	Existing
542	Chandler/Downtown Express	10,140	Existing
562	Goodyear Express	5,327	Existing
563	Buckeye Express	2,622	Existing
571	Surprise Express	3,489	Existing
573	Northwest Valley/Downtown Express	11,922	Existing
575	Northwest Valley/Downtown Express	7,704	Existing
	Ahwatukee Connector	1,334	Group 3
	Anthem Express	3,350	Group 3
	Apache Junction Express	4,440	Group 3
	Arizona Ave/Country Club LINK	31,339	Existing
	Avondale Express	4,108	Group 2
	Black Canyon Freeway Connector	2,179	Group 3
	Buckeye Express	4,043	Group 3
	Chandler Blvd LINK	8,908	Group 3
	Grand Ave Limited	3,163	Existing
	Loop 303 Express	4,006	Group 3
	Main St LINK	36,220	Existing
	North I-17 Express	3,617	Group 3
	Peoria Express	3,639	Group 3
	Pima Express	3,358	Group 3
	Red Mountain Freeway Connector	3,066	Group 3
	San Tan Express	8,780	Group 3
	Scottsdale/Rural Rd LINK	22,426	Group 1
	South Central Express	19,924	Existing
	South Central LINK A	2,783	Group 3
	South Central LINK B	2,919	Group 3
	Superstition Freeway Connector	1,341	Group 3
	Superstition Springs Express	4,685	Group 3
Sub-total		**289,012**	
Supergrid Routes			
3	Van Buren St	10,762	Existing
13	Buckeye Rd	5,312	Group 3
17	McDowell/McKellips	25,067	Existing
29	Thomas Rd	12,983	Group 1
30	University Dr	29,530	Group 2
40	Main St	48,617	Existing
41	Indian School Rd	9,301	Group 3

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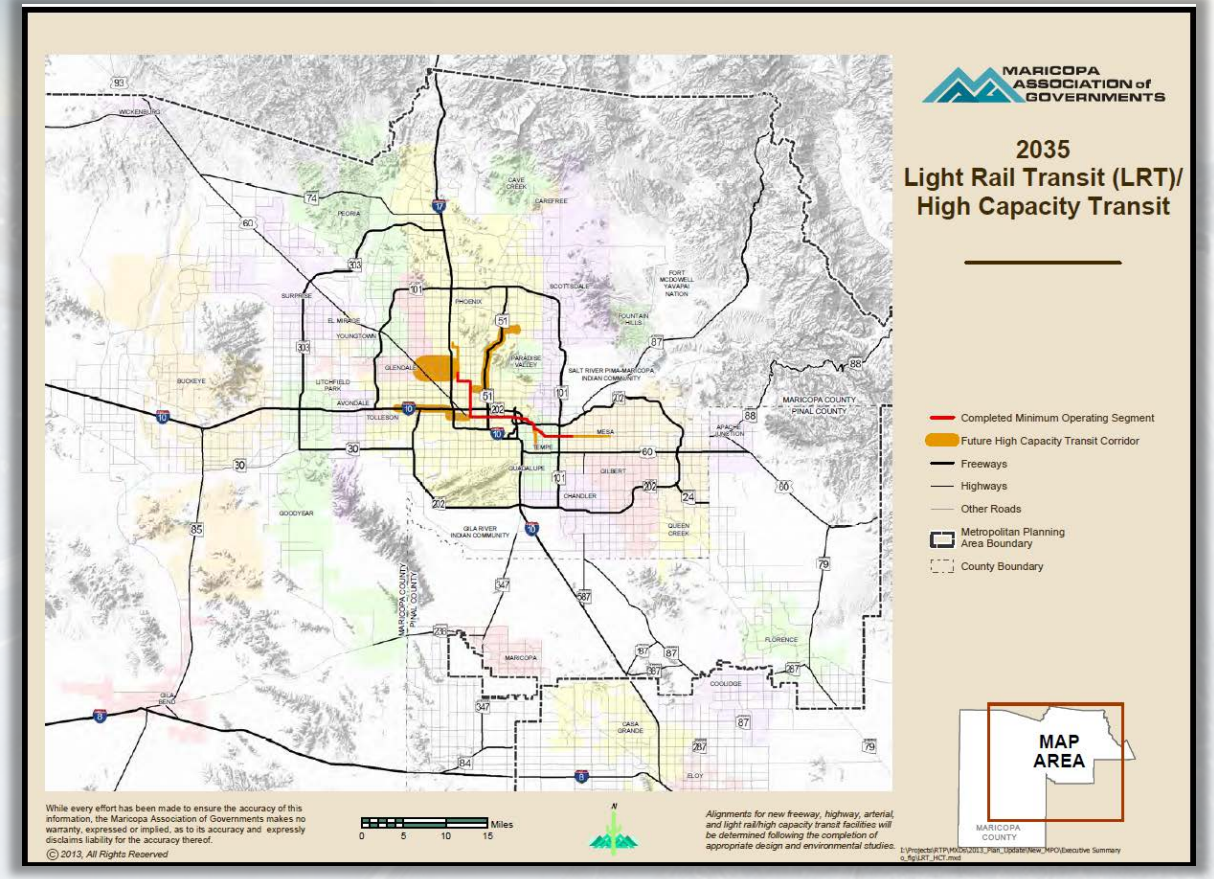
Light Rail Transit/High Capacity Transit System



Regionally Funded Projects

TABLE C-3
2035 REGIONAL TRANSPORTATION PLAN
REGIONAL LIGHT RAIL TRANSIT/HIGH CAPACITY TRANSIT - OPERATING

ROUTE		OPERATING COSTS FY 2014 - FY 2035 (2013 $'S in THOUSANDS)	PLAN GROUP *
LRT/HCT Segments			
	CP/EV	810,885	Group 1
	Northwest Phase 1	87,743	Group 1
	Northwest Phase 2	13,620	Group 3
	Central Mesa	95,626	Group 1
	Tempe Streetcar	52,963	Group 1
	Phoenix West	143,087	Group 2
	Northeast Phoenix	37,011	Group 3
	Gilbert Rd Extension	40,808	Group 1
	Glendale	46,645	Group 3
Total		1,280,387	

TABLE C-4
2035 REGIONAL TRANSPORTATION PLAN
REGIONAL LIGHT RAIL TRANSIT/HIGH CAPACITY TRANSIT - CAPITAL

ROUTE		CAPITAL COSTS FY 2014 - FY 2035 (2013 $'S in THOUSANDS)	PLAN GROUP
LRT/HCT Segments			
	NW Extension Phase I	174,360	Group 1
	Central Mesa	111,439	Group 1
	Tempe Streetcar	105,908	Group 1
	Glendale	411,602	Group 2,3
	NW Extension Phase II	115,651	Group 2,3
	Phoenix West	895,920	Group 1,2
	NE Phoenix	961,216	Group 2,3
	Gilbert Road Extension	122,014	Group 1
Sub-total		2,899,009	
LRT Systemwide Support			
	Systemwide Support Infrastructure	91,238	Group 1,2
	Capital Project Development	36,301	Group 1,2,3
	System Planning and Design	2,909	Group 1
	Utility Reimbursements	140,924	Group 1,2,3
Sub-total		273,402	Group 1,2,3
TOTAL		3,172,410	

* Plan Groups:
Group 1 (FY 2014 - FY 2018)
Group 2 (FY 2019 - FY 2026)
Group 3 (FY 2027 - FY 2035)

For transit capital expenditures, the group designation indicates the period when equipment or other capital items are acquired, or when construction of facilities is funded. For light rail transit/high capacity transit (LRT/HCT) operations, the group designation indicates the period when service is initiated. Funding continues during subsequent periods, and service improvements on certain routes may also be initiated in a later period. Operating costs reflect total costs and are not offset by farebox receipts. No regional funding is provided for LRT/HCT operating expenses

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Other Transportation Activities

Bicycle and Pedestrian Planning

Transportation Safety

Demand Management

Freight Planning

Transportation System Operations

Special Needs Transportation

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Plan Review Activities

Public Input

- FY 2013 - Early Phase Input Opportunity
- FY 2014 - Mid-Phase Input Opportunity
- September 19, 2013 - Public Meeting
- FY 2014 - Final Phase Input Opportunity
- November 25, 2013 - Public Hearing

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Plan Review Activities

Draft 2035 RTP Recommended for Air Quality Conformity Analysis

- September 26, 2013 - Transportation Review Committee
- October 9, 2013 - Management Committee
- October 16, 2013 - Transportation Policy Committee
- October 23, 2013 - Regional Council

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Plan Review Activities

Air Quality Conformity Analysis

- October 25, 2013 - Technical Analysis Demonstrated Conformity
- November 25, 2013 - Public Hearing
- December 3, 2013 - Air Quality TAC Recommends Approval
- January 8, 2014 - Management Committee Recommends Approval

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Plan Review Activities

Plan Recommended for Final Approval

- December 12, 2013 - Transportation Review Committee
- January 8, 2014 - MAG Management Committee

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Item for Action

Recommend approval of the Draft MAG 2035 Regional Transportation Plan (RTP), contingent upon a finding of conformity of the FY 2014-2018 MAG Transportation Improvement Program and the 2035 RTP with applicable air quality plans.

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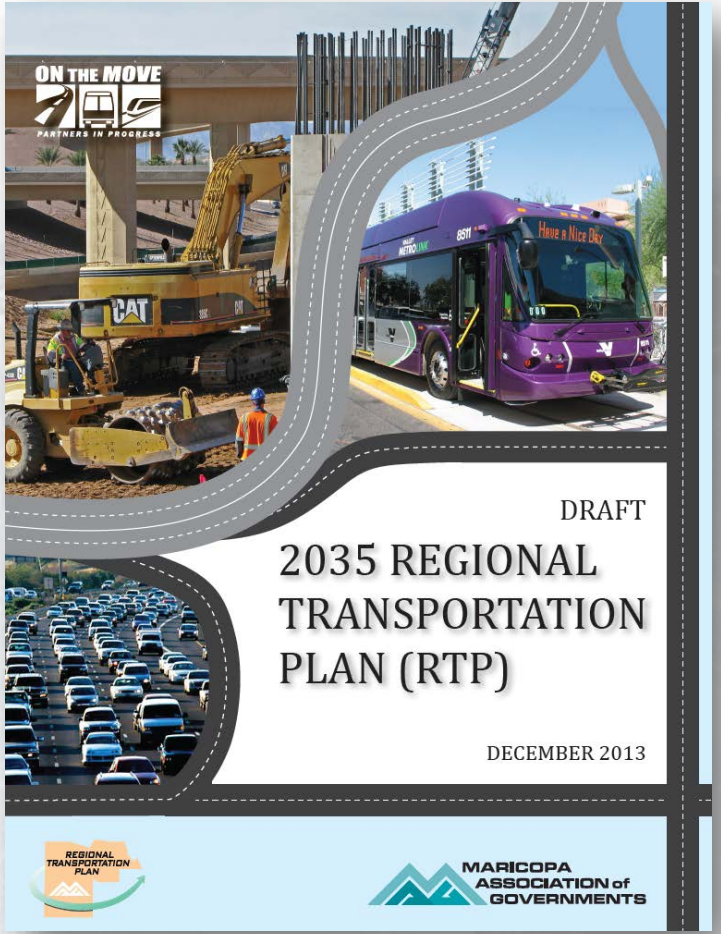

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