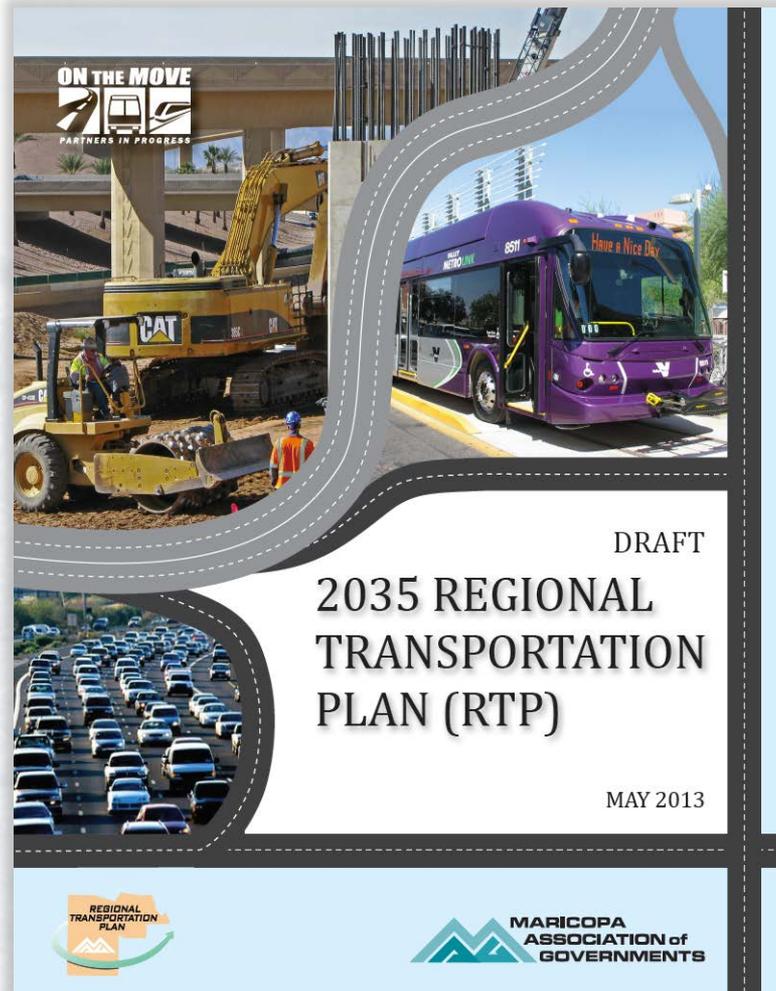


For possible action to recommend the Draft 2035 RTP for an air quality conformity analysis.

Draft 2035 Regional Transportation Plan

Transportation Policy Committee
October 16, 2013



ON THE MOVE
PARTNERS IN PROGRESS

DRAFT
2035 REGIONAL
TRANSPORTATION
PLAN (RTP)

MAY 2013

REGIONAL
TRANSPORTATION
PLAN

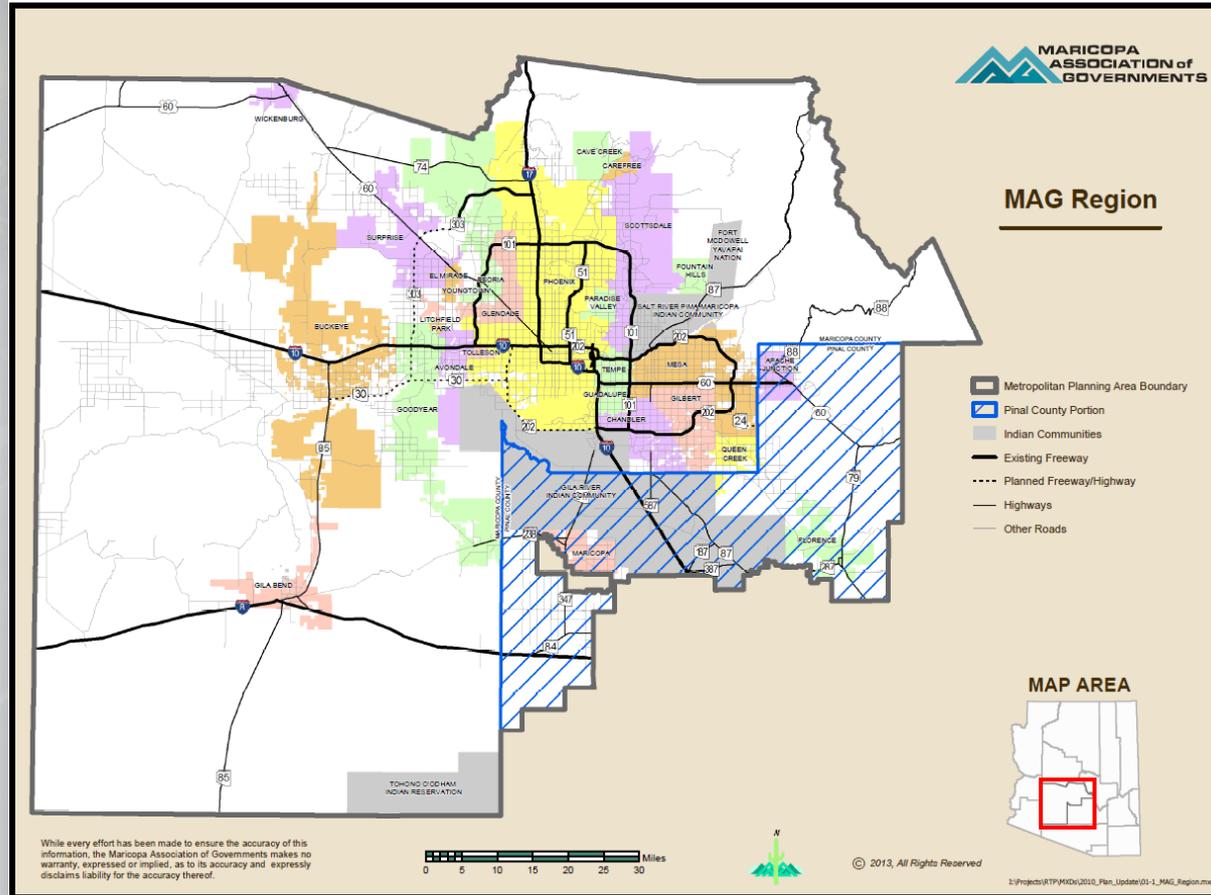
MARICOPA
ASSOCIATION of
GOVERNMENTS



The RTP Guides Transportation Investments in the Region.

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

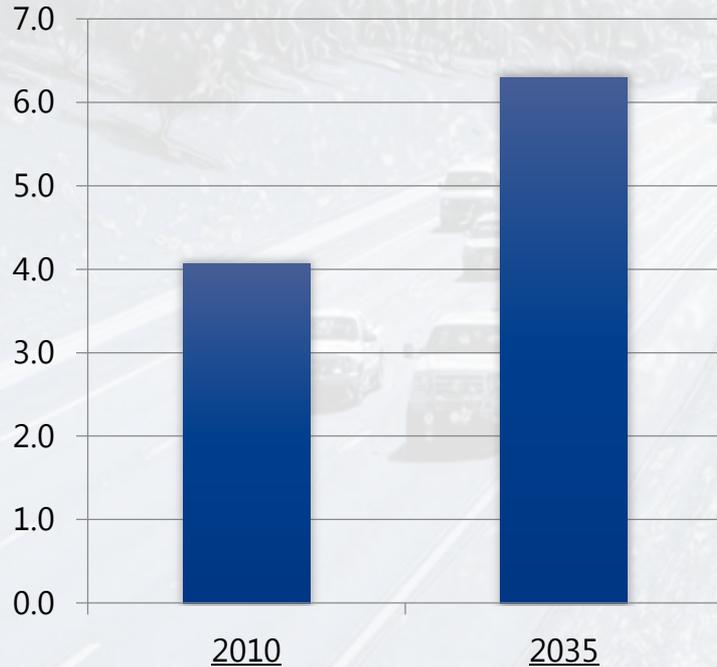
The RTP Covers the Expanded MAG Region.



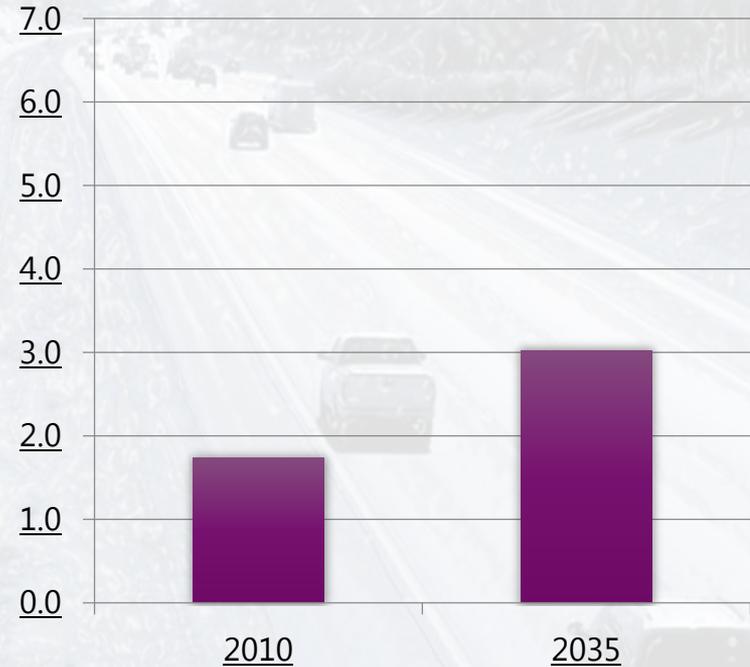
Population and Employment Growth

(2010 to 2035, millions)

Population



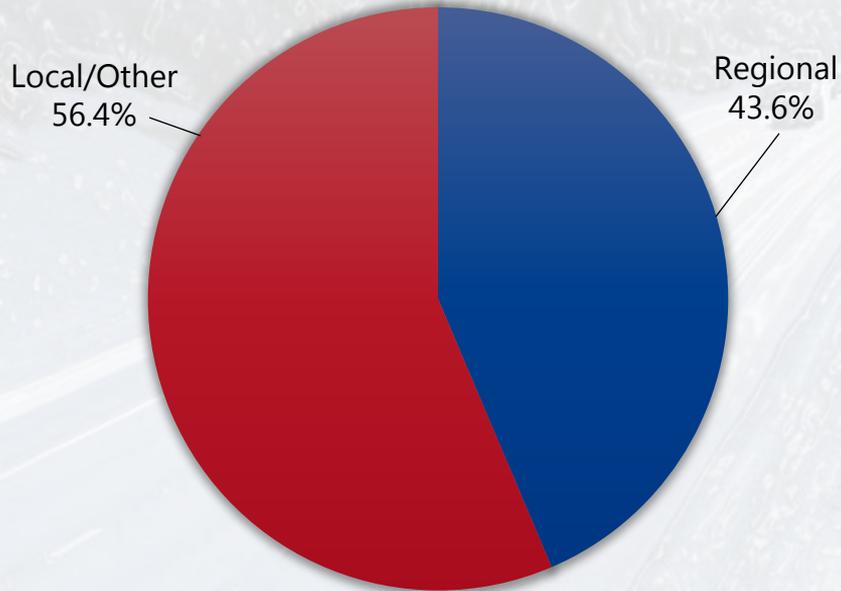
Employment



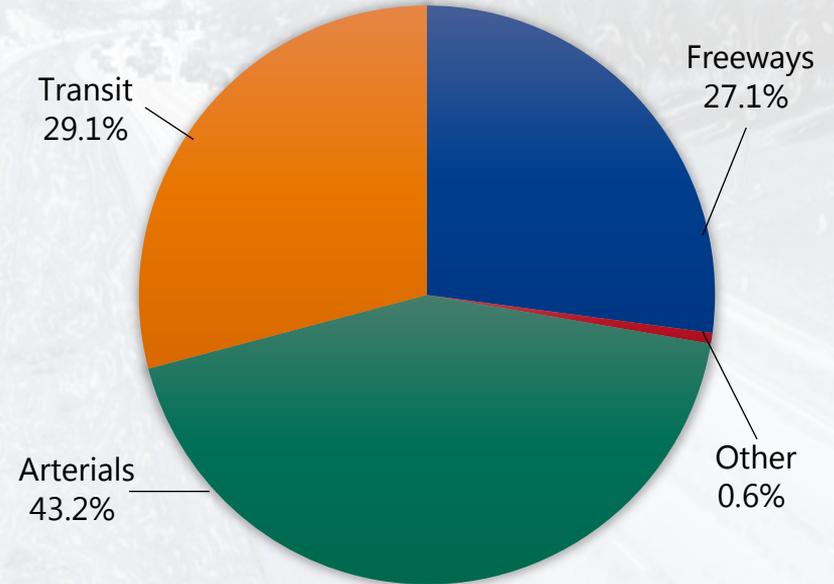
Total Funding – Sources & Uses

(FY 2014-FY 2035, YOE \$'s)

Sources



Uses

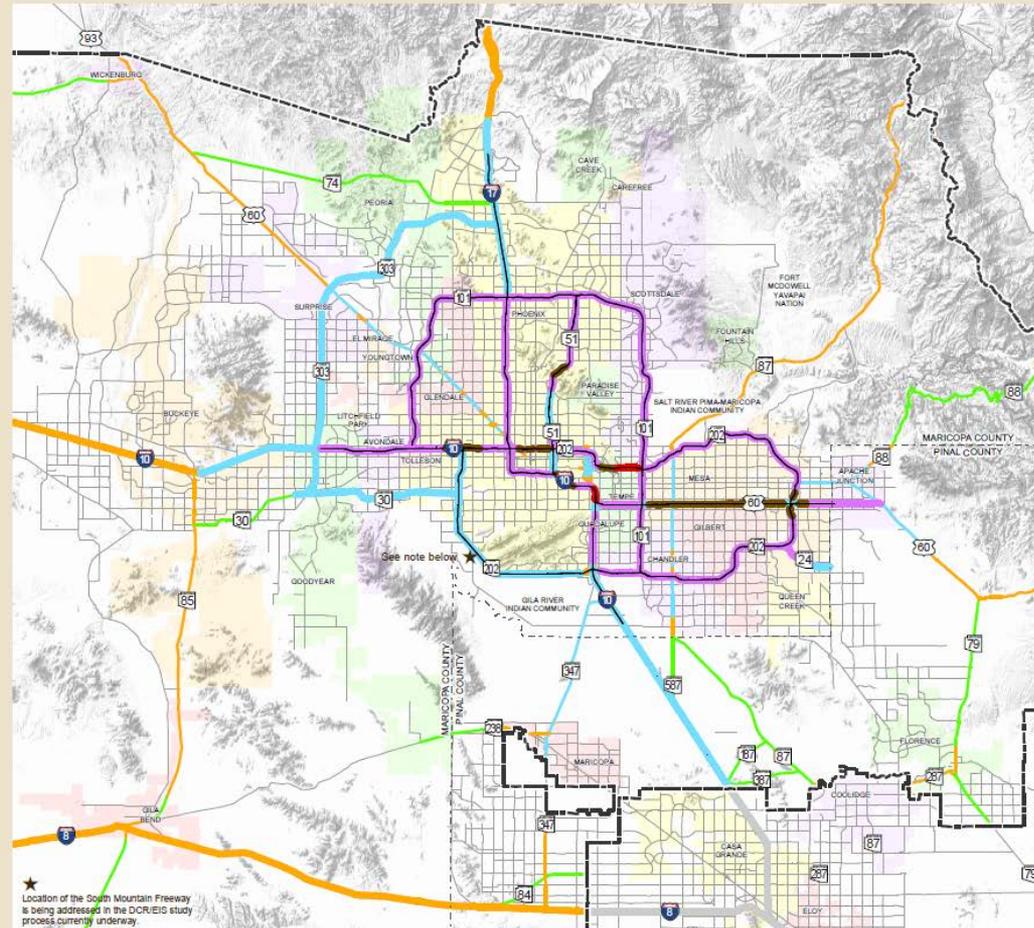


Total Funding: \$59.0 billion (YOE \$'s)

Freeway/ Highway System



2035 Freeway/Highway System Number of Lanes



Freeway lanes are represented with thicker lines

- 2 General Use Lanes
- 4 General Use Lanes
- 6 General Use Lanes
- 8 General Use Lanes
- 10 General Use Lanes
- 12 General Use Lanes
- High Occupancy Vehicle (HOV) Lanes
- Other Roads
- County Boundary
- Metropolitan Planning Area Boundary

*The HOV line represents 1 lane in each direction

★ Location of the South Mountain Freeway is being addressed in the DCR/EIS study process currently underway.

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

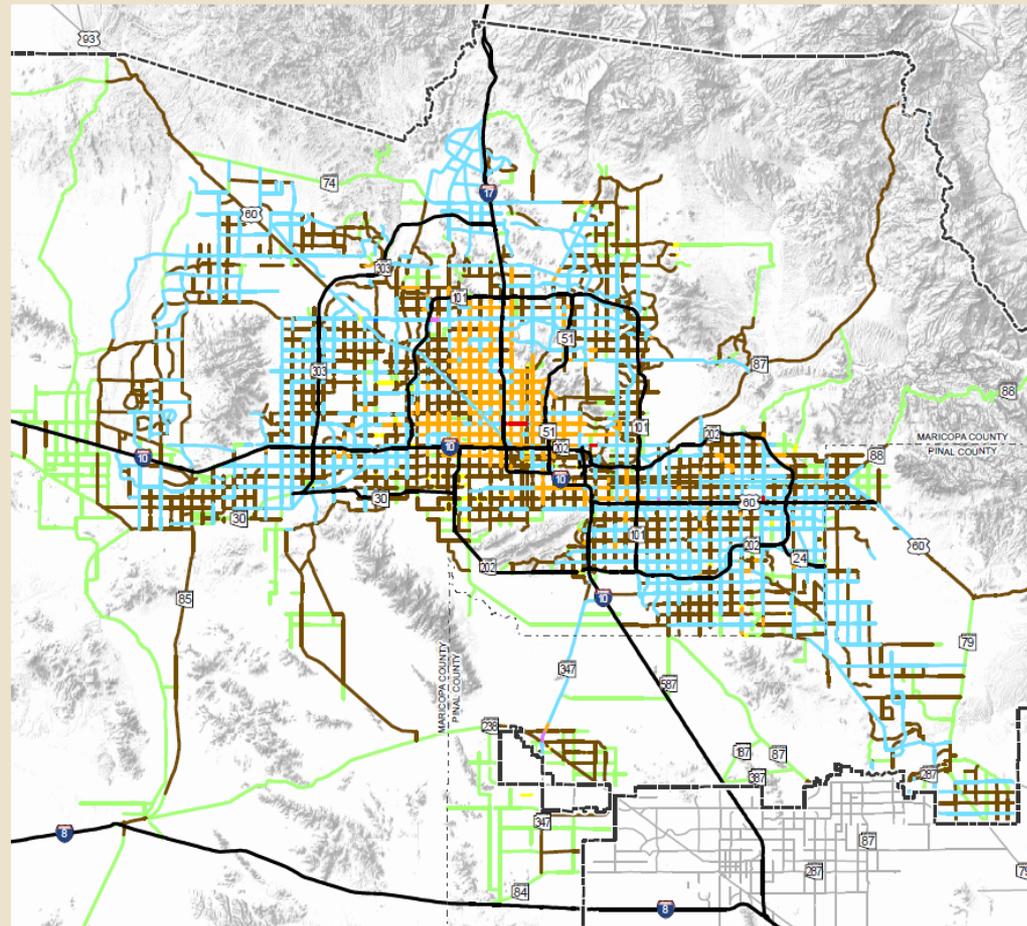


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Arterial Street Network

2035 Arterial Street System Total Through Lanes



- 2 Lanes
- 3 Lanes
- 4 Lanes
- 5 Lanes
- 6 Lanes
- 7 Lanes
- 8 Lanes
- 10 Lanes
- Freeways
- Other Roads
- County Boundary
- Metropolitan Planning Area Boundary

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG). Alignments for new freeway, highway, arterial, and light rail/high capacity transit facilities will be determined following the completion of appropriate design and environmental studies.



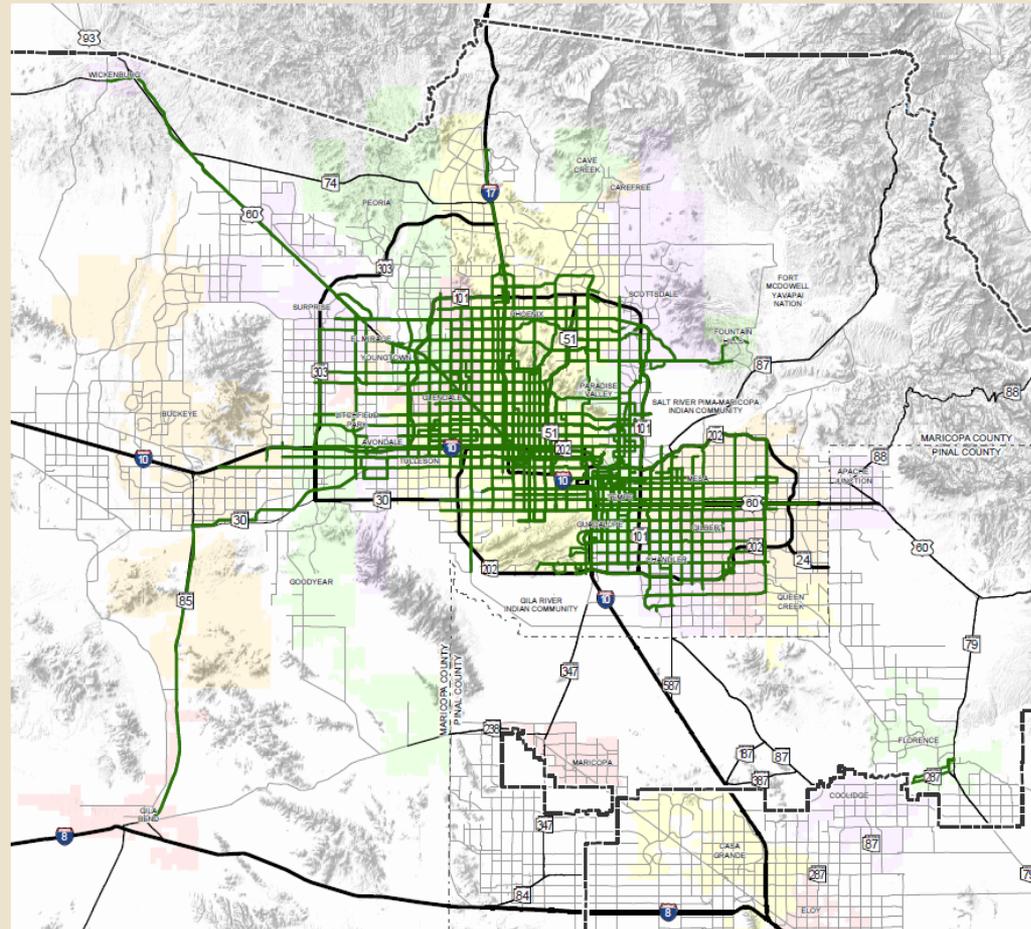
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Bus Service Network

2035 Bus Service Network



-  Bus Network
-  Freeways
-  Highways
-  Other Roads
-  Metropolitan Planning Area Boundary
-  County Boundary

Alignments for new freeway, highway, arterial, and light rail/high capacity transit facilities will be determined following the completion of appropriate design and environmental studies.



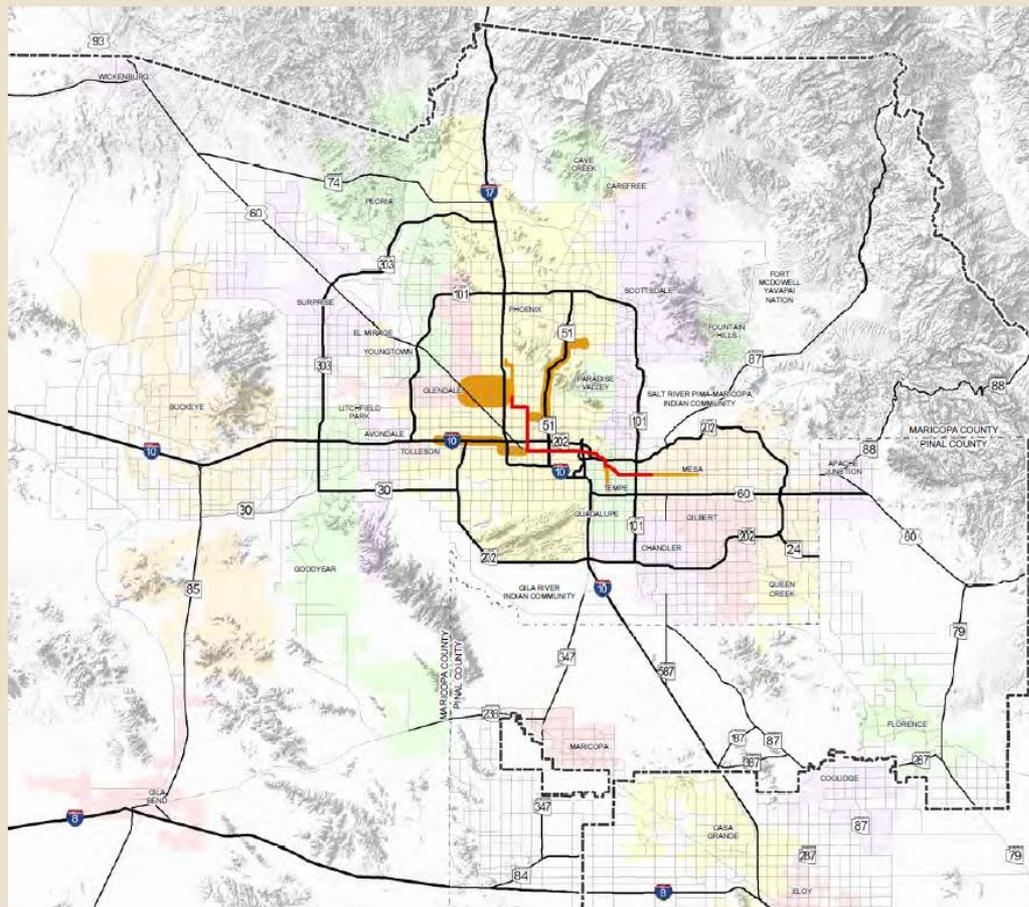
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Light Rail Transit/High Capacity Transit System

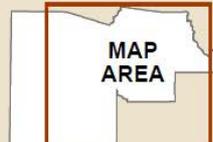
2035 Light Rail Transit (LRT)/ High Capacity Transit



- Completed Minimum Operating Segment
- Future High Capacity Transit Corridor
- Freeways
- Highways
- Other Roads
- Metropolitan Planning Area Boundary
- County Boundary



Alignments for new freeway, highway, arterial, and light rail/high capacity transit facilities will be determined following the completion of appropriate design and environmental studies.



MARICOPA COUNTY

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Regionally Funded Projects

Freeway/Highway

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
333 PANAPAZ CORRIDOR				
GPL	10	SR121L, Agua Fria - I-17 (Addition)	14,400	Group 1
TI	10	Farmway Dr (T)	20,300	Group 2
GPL	10	SR25 - Vernalda Way	42,800	Group 2
Sub-total			77,500	
310 MARICOPA CORRIDOR				
GPL	10	12nd St - 202d, Santan (Phase 1)	176,100	Group 2
GPL	10	12nd St - 202d, Santan (Phase 2)	122,000	Group 2
GPL	10	12nd St - 202d, Santan (Phase 3)	191,200	Group 2
HOV/PL	10	SR202b, Santan - Riggs Rd	73,700	Group 2
TI	10	Sky Harbor West Airport Access	50,600	Group 2
TI	10	Chandler Heights	22,800	Group 2
Sub-total			636,500	
317 BLACK CANYON CORRIDOR				
MISC	17	Pinaloosa Ave, Greenway Rd (Drainage Improvements)	16,500	Group 2
HOV/PL	17	104-17 Spur SR121L, Agua Fria	877,400	Group 2
HOV	17	SR174, Camelback Highway, Anderson Way	89,500	Group 2
GPL	17	Antwin Way, New River	57,400	Group 3
Sub-total			1,040,800	
SR24 GATEWAY CORRIDOR				
NEW	24	SR202L, Santan - Elsworth Rd Ph 2 (Full Freeway Upgrade)	49,800	Group 3
NEW	24	Elsworth Rd, Maricopa Rd	212,400	Group 3
Sub-total			268,200	
SR30-148 RILLICREEK CORRIDOR				
NEW	30	SR302L - SR302L, South Mountain (RW Protection)	55,800	Group 2-3
NEW	30	SR30L - SR302L	192,700	Group 3
NEW	30	SR30L - Estrella Freeway	274,400	Group 3
NEW	30	Estrella Freeway, Dwyer Rd	243,400	Group 3
NEW	30	Dwyer Rd - Arcadia Blvd	116,600	Group 3
NEW	30	Arcadia Blvd - 27th Ave	148,500	Group 3
NEW	30	27th Ave - 27th Ave	223,200	Group 3
NEW	30	27th Ave - 202d, South Mountain	204,600	Group 3
Sub-total			1,558,900	
SR51 FINESTIMA CORRIDOR				
GPL	51	Shea Blvd - SR121L, Pima	80,200	Group 3
SR50 GRAND AVENUE CORRIDOR				
NEW	50	West Rd T	45,500	Group 1
NEW	50	Thompson Ranch/Thunderside (T)	13,800	Group 1
IMP	50	SR121L, Agua Fria - Van Buren St (Phase 2)	20,500	Group 1
GPL	50	SR121L, Agua Fria - Van Buren St (Phase 3)	82,200	Group 1
Sub-total			162,000	
SR50 SUPERSTITION CORRIDOR				
TI	50	Maricopa Rd (IAPF Interchanges)	11,700	Group 1
HOV/PL	50	Corson Rd - Mandan Rd	28,400	Group 2
TI	50	Linking Rd AHP Interchange	5,200	Group 2
Sub-total			45,300	

Arterials

Regional Bus

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

FACILITY/LOCATION	REGIONALLY FUNDED REIMBURSEMENTS FY 2014 - FY 2035 (2013 \$'s in THOUSANDS)	REGIONALLY FUNDED REIMBURSEMENTS FY 2014 - FY 2035 (2013 \$'s in THOUSANDS)	TOTAL PROJECT COST FY 2014 - FY 2035 (2013 \$'s in THOUSANDS)	PLAN GROUP
CHANDLER				
Arizona Ave/Chandler Blvd	0	0	0	Project Completed
Arizona Ave/10th Rd	0	0	0	Project Completed
Arizona Ave/15th Rd	0	0	0	Project Completed
Arizona Ave - Ocotillo Rd to Heart Highway	4,433	3,016	16,002	Group 2
Chandler Blvd/Highway School Rd	2,600	942	16,832	Group 1
Chandler Blvd/Highway School Rd	0	0	0	Project Completed
Chandler Blvd/Wynona Rd	0	3,776	6,386	Group 1
Garbur Rd - SR 202L to Heart Hwy	0	0	0	Project Completed
Garbur Rd - Queen Creek Rd to Heart Hwy	0	0	0	Project Completed
Garbur Rd - Queen Creek Rd to Ocotillo Rd	1,800	0	0	Project Completed
Garbur Rd - Ocotillo Rd to Chandler Heights	6,160	0	4,610	Group 1
Garbur Rd - Chandler Heights Rd to Heart Hwy	3,528	2,540	5,208	Group 1
Highway 188/15th Rd	3,775	0	8,750	Group 2
Price Rd Substation Projects				
Chandler Heights Rd - Arizona Avenue to McQueen Road	7,200	0	11,107	Group 2
Chandler Heights Road/McQueen Road to Gilbert Road	6,530	0	27,903	Group 2
McQueen Road - Ocotillo Road to Riggs Road	4,842	0	19,700	Group 1
Ocotillo Road - Arizona Avenue to McQueen Road	3,290	1,400	13,400	Group 1
Ocotillo Road - Cooper Road to Gilbert Road	6,489	0	13,637	Group 2
Price Rd at Corson Rd Intersection Improvements	3,170	0	5,410	Group 2
Price Rd at Queen Creek Rd Intersection Improvements	5,222	0	6,657	Group 2
Price Rd - Santan to Corson	0	0	0	Project Completed
Sky Ridge/Highway School Rd	0	0	0	Project Completed
Sky Ridge/Highway School Rd	6,718	0	10,510	Group 2
Sky Ridge/McQueen Dr	1,640	0	6,419	Group 1
Sky Ridge/Highway School Rd	1,775	0	7,907	Group 2
PHOENIX/SCOTTSDALE				
Queen Creek Rd - Arizona Ave to Riggs Rd	0	0	0	

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

ROUTE	OPERATING COSTS FY 2014 - FY 2035 (2013 \$'s in THOUSANDS)	PLAN GROUP
REGIONAL BUS ROUTES		
511 Tempe/Southwest Express	6,672	Existing
512 Mesa/Scottsdale Express	4,474	Existing
520 Tempe Express	2,824	Existing
521 Tempe Express	2,241	Existing
522 Tempe Express SC	6,296	Existing
523 Mesa/Scottsdale Express	11,228	Existing
533 Mesa Express	12,614	Existing
534 North/Scottsdale Express	13,108	Existing
54 Chandler Express	7,821	Existing
54 Chandler Express	15,148	Existing
56 Chandler Express	6,107	Existing
56 Chandler Express	6,202	Existing
57 Scottsdale Express	5,485	Existing
571 Northwest Valley/Chandler Express	11,902	Existing
571 Northwest Valley/Chandler Express	3,794	Existing
Antenna Express	3,300	Group 3
Arizona Junction Express	1,334	Group 3
Arizona Junction Express	4,440	Group 3
Arizona Junction/Deer Express	3,100	Existing
Aurora Express	4,108	Group 2
Buckeye/Paradise Connector	2,170	Group 3
Chandler Blvd Express	4,943	Group 3
Chandler Blvd Express	6,000	Group 3
Deer Valley Express	6,100	Existing
Loop 202 Express	4,200	Group 3
Maple St Express	39,200	Existing
North 17 Express	5,817	Group 3
Paradise Express	3,608	Group 3
Paradise Express	3,300	Group 3
Red Mountain/Paradise Connector	1,000	Existing
San Tan Express	8,790	Group 3
Superstition/Deer Link	20,400	Existing
South Central Express	19,824	Existing
South Central Link A	2,700	Existing
South Central Link B	6,670	Existing
Superstition/Paradise Connector	1,341	Group 3
Superstition/Paradise Connector	4,460	Group 3
Sub-total	289,812	
Suburban Routes		
11 Van Buren St	10,762	Existing
13 Buckeye Rd	5,332	Group 3
141 North/Paradise	20,007	Existing
20 Thomas Rd	12,083	Group 1
30 University Dr	24,600	Existing
40 Main St	48,617	Existing
41 Indian School Rd	6,301	Group 3

LRT/HCT

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
Advanced Operations		
CR-1	610,665	Group 1
Northwest Phase 1	67,743	Group 1
Central Mesa	13,600	Group 1
Tampa Streetcar	66,400	Group 1
Phoenix West	143,007	Group 1
Northwest Phoenix	37,011	Group 1
Green Bay Extension	46,800	Group 1
Glendale	46,840	Group 2
Total	1,280,367	

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
Advanced Operations		
North Extension Phase 1	174,300	Group 1
Central Mesa	111,400	Group 1
Tampa Streetcar	105,400	Group 1
Glendale	111,900	Group 2-3
North Extension Phase 1	116,000	Group 2-3
Phoenix West	685,000	Group 1-2
Red Phoenix	491,214	Group 2-3
Other Road Extension	122,614	Group 1
Sub-total	2,499,050	
Advanced Operations Support		
Operations Support Infrastructure	61,200	Group 1-2
Capital Project Development	36,301	Group 1-3
System Planning and Design	2,400	Group 1
Utility Reinforcements	143,524	Group 1-3
Sub-total	273,425	Group 1-3
TOTAL	3,172,410	

* Plan Groups
Group 1 (FY 2014 - FY 2019)
Group 2 (FY 2019 - FY 2030)
Group 3 (FY 2027 - FY 2030)

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 transit revenues. No regional funding is provided for LRT/HCT operating expenses.

Other Transportation Activities

Bicycle and Pedestrian Planning



Transportation Safety



Demand Management

Freight Planning



Transportation System Operations



Special Needs Transportation



Item for Action

Consider action to recommend approval of the Draft MAG 2035 Regional Transportation Plan for an air quality conformity analysis.



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MAG Senior Project Manager
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602-254-6300



ON THE MOVE
 PARTNERS IN PROGRESS

DRAFT
2035 REGIONAL
TRANSPORTATION
PLAN (RTP)

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REGIONAL
 TRANSPORTATION
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