

# Draft Regional Transportation Plan - 2010 Update

MAG Management Committee  
April 14, 2010



# Major Update Factors

- q **Plan Extended through FY 2031**
- q **Reduced Revenues**
- q **Modal Program Revisions**

## Plan Extends through FY 2031

q **Planning period FY 2011 through FY 2031.**

q **Plan phases:**

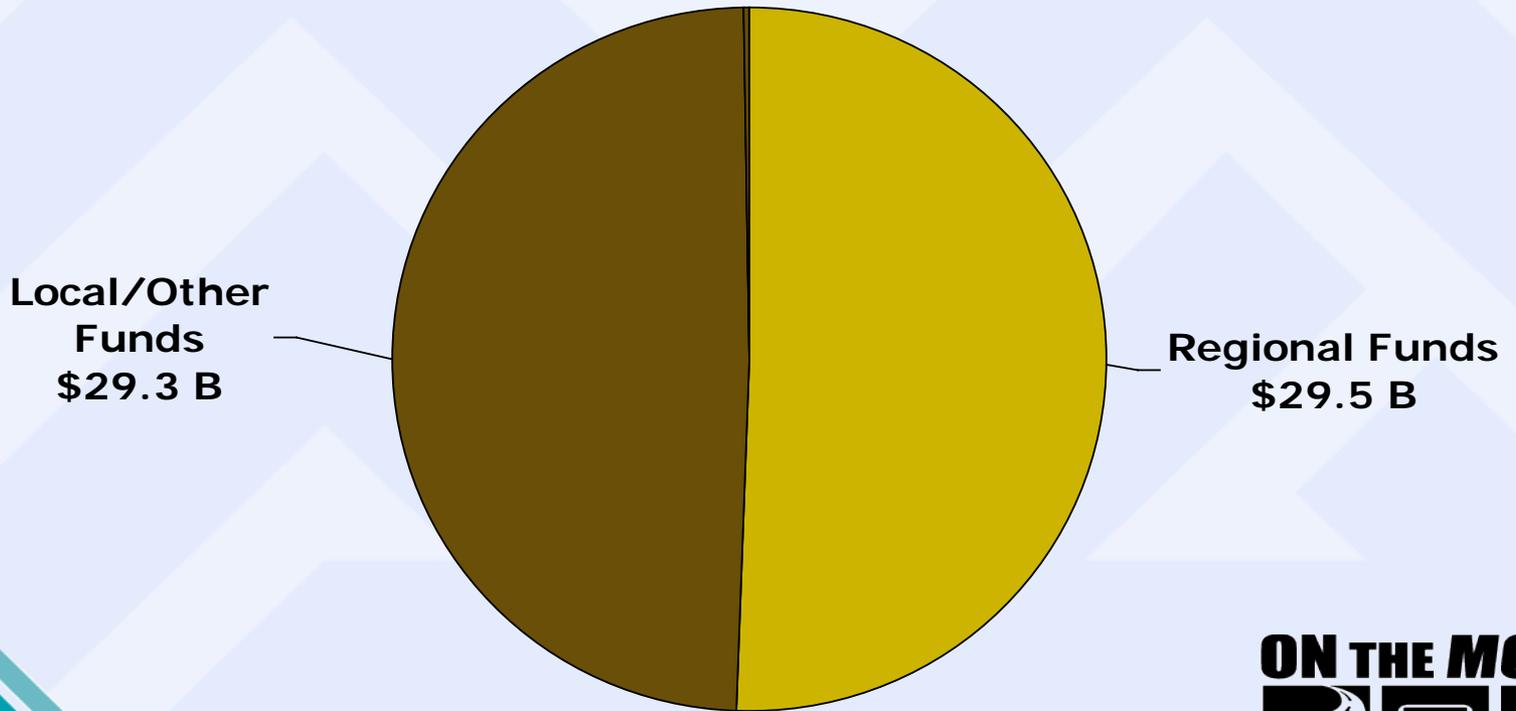
- Phase II: FY 2011 through FY 2015
- Phase III: FY 2016 through FY 2020
- Phase IV: FY 2021 through FY 2025
- Phase V: FY 2026 through FY 2031

Phase I: FY 2006 through FY 2010



# Total Funding Sources (FY 2011-2031, in Billions YOE \$'s)

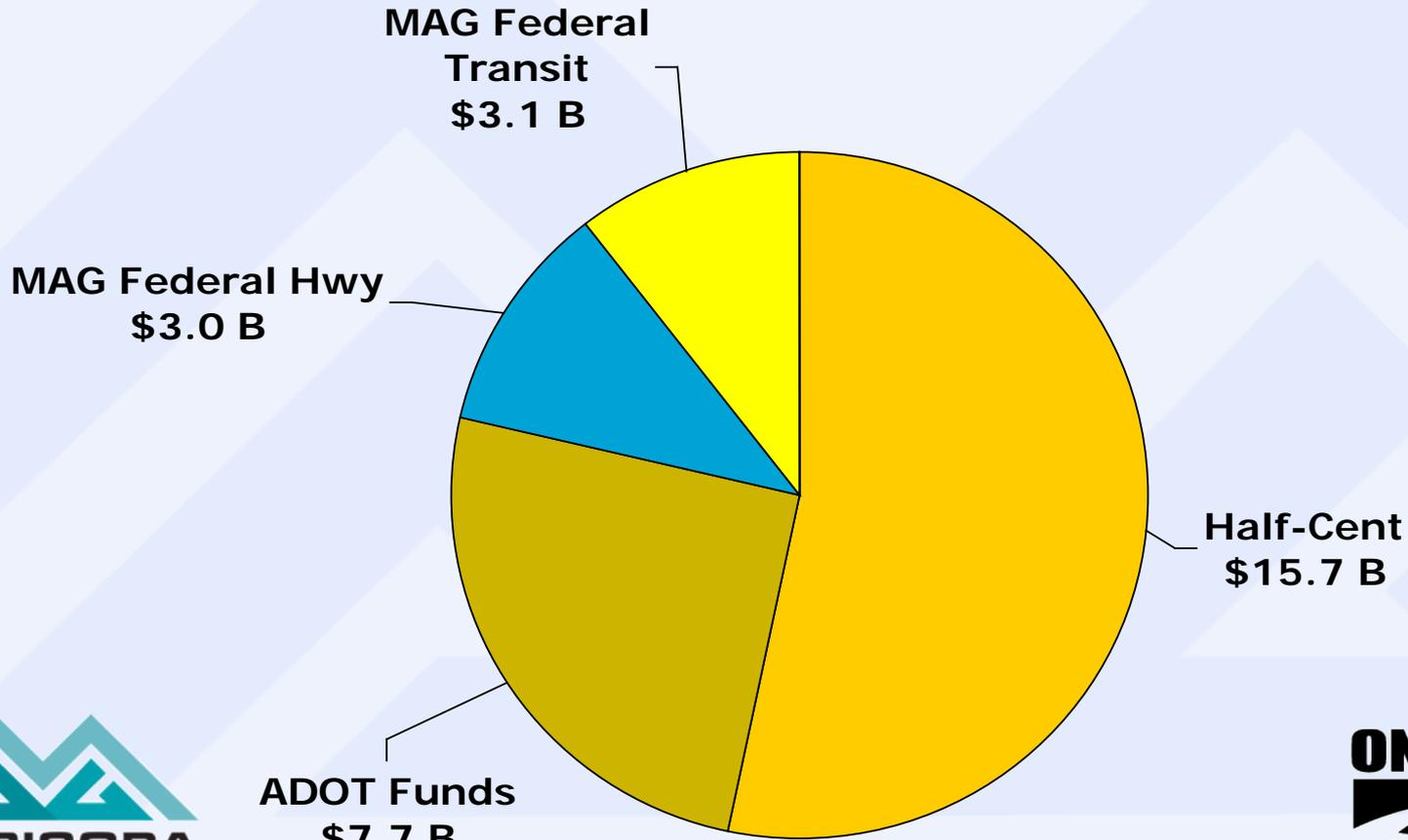
Total \$58.8 Billion (YOE\$'s)



# Regional Funding Sources

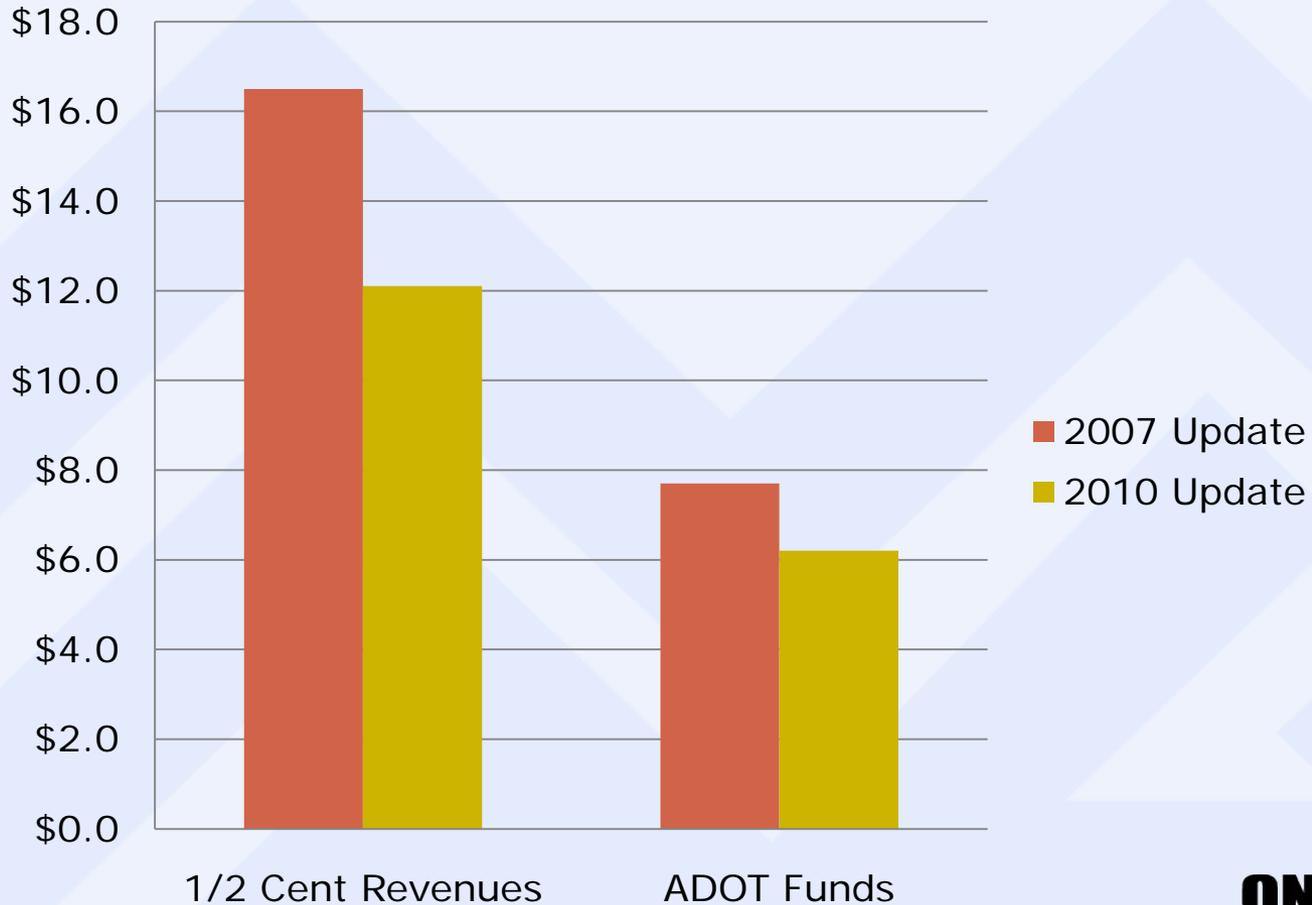
(FY 2011-2031, in Billions YOE \$'s)

Total \$29.5 Billion (YOE \$'s)



# Lower Revenue Projections

(FY 2011-2028, in Billions YOE \$'s)



## Major Modal Programs

- q Highway/Freeway, Arterials, Transit
- q Program Adjustments Discussed Extensively
- q Programs Balanced

2010 Update  
Regional Transportation Plan  
Fig. 8-4

DRAFT



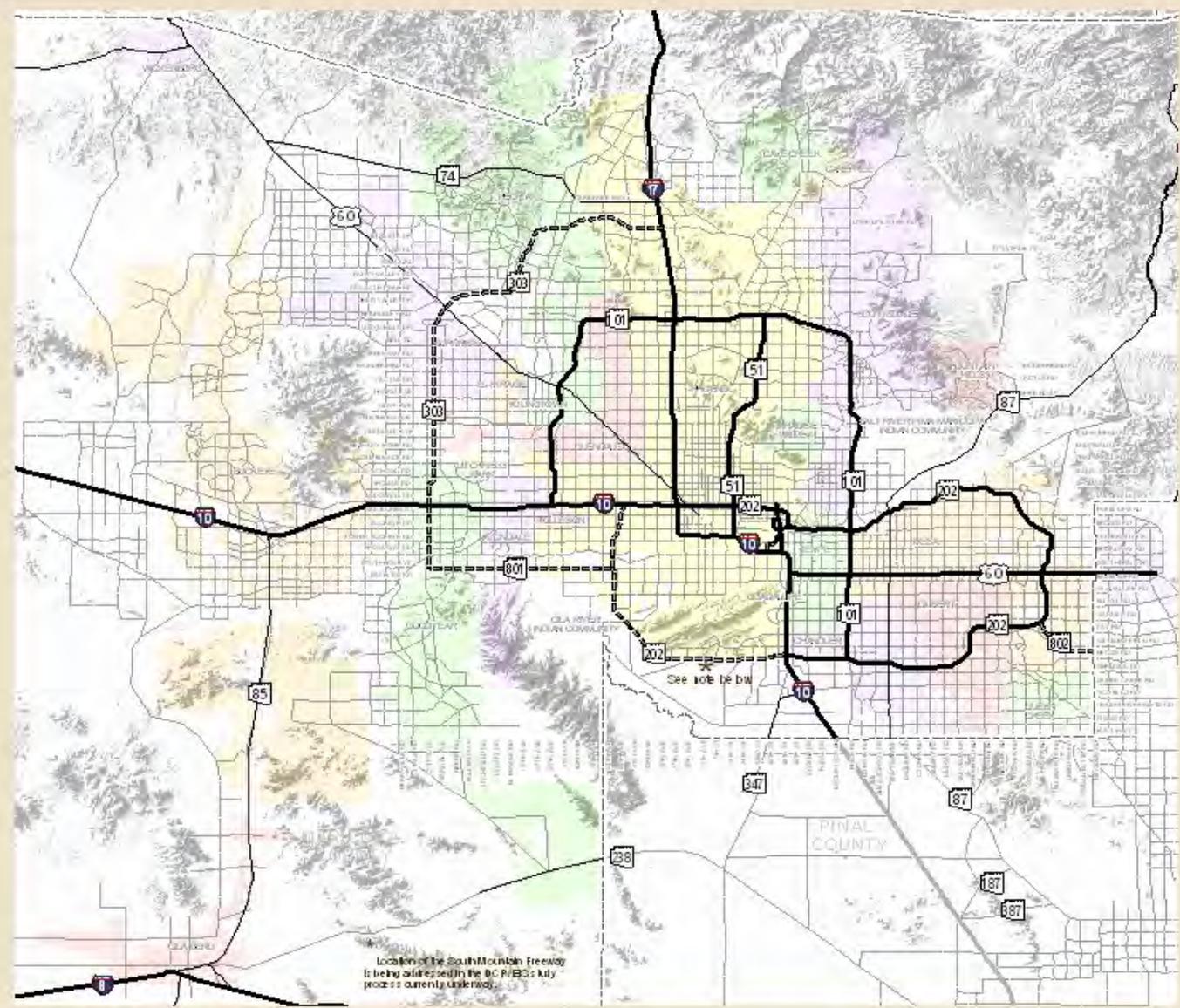
Plan Phasing  
Freeways/Highways

- █ Phase 1 (FY 2006 - FY 2010)\*
- █ Phase 2 (FY 2011 - FY 2015)\*
- █ Phase 3 (FY 2016 - FY 2020)\*
- █ Phase 4 (FY 2021 - FY 2025)\*
- █ Phase 5 (FY 2026 - FY 2031)\*

\*Broken lines represent HOV lane phasing

- Right of Way Preservation Phase 5, Includes Interim Construction
- Right of Way Preservation Phase 5
- RTP Planned Freeway
- Freeways
- County Boundary
- Other Roads

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.



Location of the South Mountain Freeway  
It being addressed in the DC R/B/C study  
project is currently underway.

While every effort has been made to assure 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.



Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).







2010 Update  
Regional Transportation Plan  
Fig. 8-4

**DRAFT**



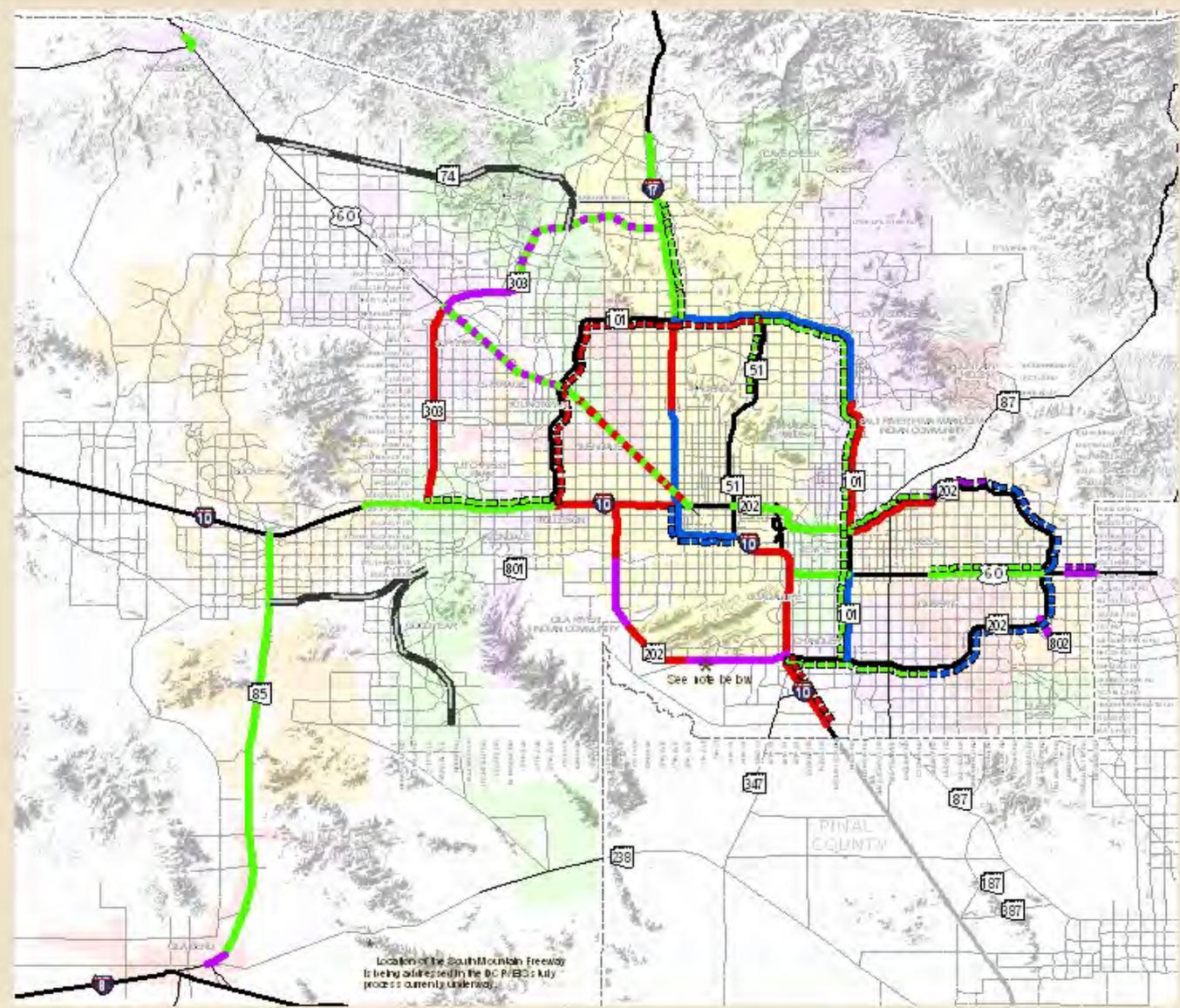
**Plan Phasing  
Freeways/Highways**

- Phase 1 (FY 2006 - FY 2010)\*
- Phase 2 (FY 2011 - FY 2015)\*
- Phase 3 (FY 2016 - FY 2020)\*
- Phase 4 (FY 2021 - FY 2025)\*
- Phase 5 (FY 2026 - FY 2031)\*

\*Broken lines represent HOV lane phasing

- Right of Way Preservation Phase 5, includes Interim Construction
- Right of Way Preservation Phase 5
- Freeways
- Other Roads
- 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.



Location of the South Mountain Freeway  
It being addressed in the DC R/B/C study  
project currently underway.

While every effort has been made to assure 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.



Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



2010 Update  
Regional Transportation Plan  
Fig. 8-5

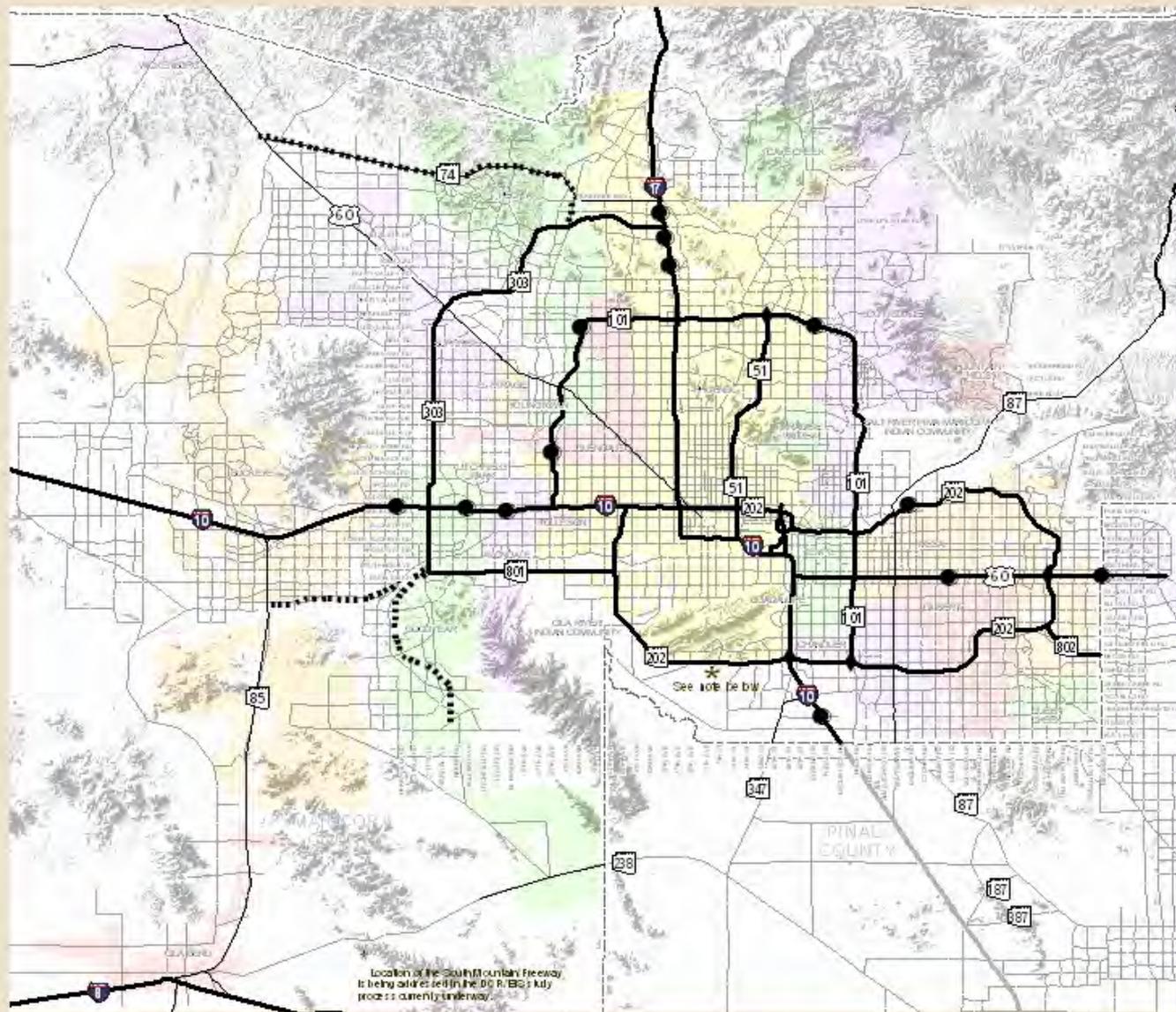
DRAFT



**Plan Phasing  
New Interchanges  
and HOV Ramp  
Connections**

- New Traffic Interchange
- ◆ New System HOV Ramp Connections
- Phase 1 (FY 2006 - FY 2010)
- Phase 2 (FY 2011 - FY 2015)
- Phase 3 (FY 2016 - FY 2020)
- Phase 4 (FY 2021 - FY 2025)
- Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation Phase 5
- Freeways
- Other Roads
- County Boundary

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



Location of the South Mountain Freeway is being addressed in the DC RIBS 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.



Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAAG).

©2010, All Rights Reserved

2010 Update  
Regional Transportation Plan  
Fig. 8-5

DRAFT

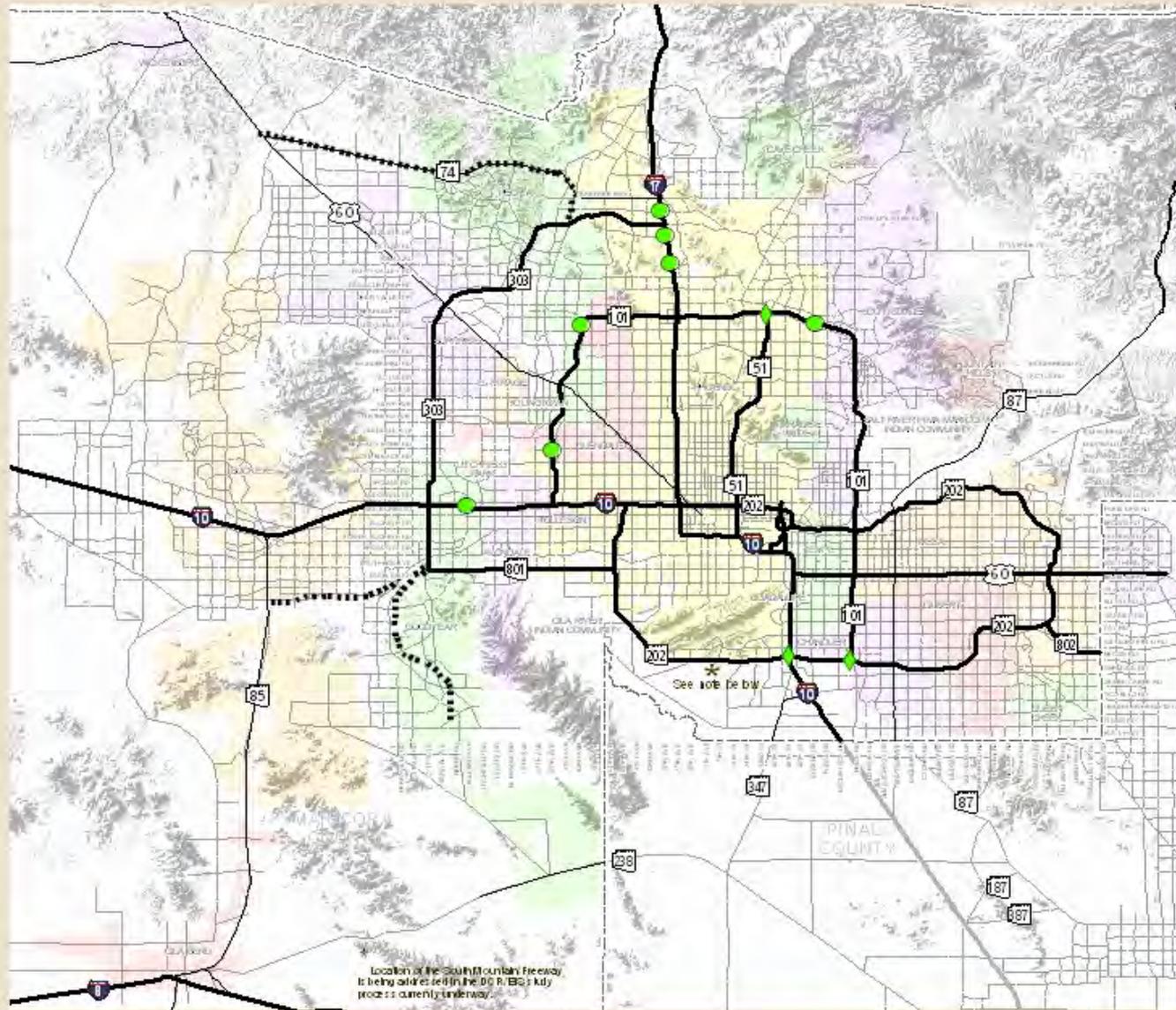
REGIONAL  
TRANSPORTATION  
PLAN



Plan Phasing  
New Interchanges  
and HOV Ramp  
Connections

- New Traffic Interchange
- ◆ New System HOV/Ramp Connections
- Phase 1 (FY 2006 - FY 2010)
- Phase 2 (FY 2011 - FY 2015)
- Phase 3 (FY 2016 - FY 2020)
- Phase 4 (FY 2021 - FY 2025)
- Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation Phase 5
- Free ways
- Other Roads
- County Boundary

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



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.



Regional transportation facilities in Maricopa County are planned by the Central Arizona Association of Governments (CAAAG).

©2010, All Rights Reserved

www.maricopacounty.gov/transportation/fig8-5



2010 Update  
Regional Transportation Plan  
Fig. 8-5

DRAFT

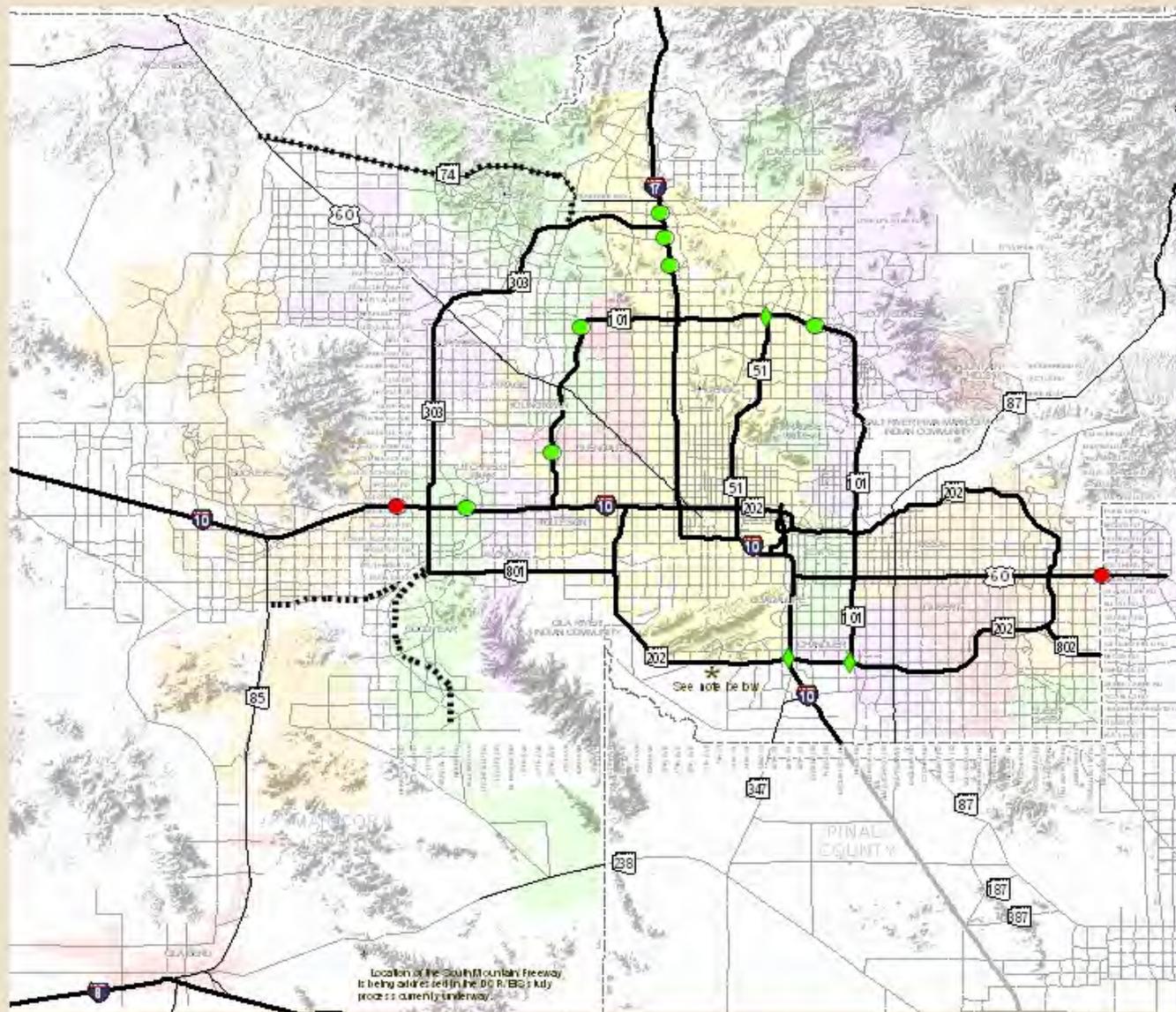
REGIONAL  
TRANSPORTATION  
PLAN



Plan Phasing  
New Interchanges  
and HOV Ramp  
Connections

- New Traffic Interchange
- ◆ New System HOV Ramp Connections
- Phase 1 (FY 2006 - FY 2010)
- Phase 2 (FY 2011 - FY 2015)
- Phase 3 (FY 2016 - FY 2020)
- Phase 4 (FY 2021 - FY 2025)
- Phase 5 (FY 2026 - FY 2031)
- ◆◆◆ Right of Way Preservation Phase 5
- Freeways
- Other Roads
- County Boundary

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



Location of the South Mountain Freeway is being addressed in the SR-101/51 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.



Regional transportation facilities in Maricopa County are planned by the Central Arizona Association of Governments (CAAAG).

©2010, All Rights Reserved

Source: www.maricopaaz.gov/2010\_RegionalTransportationPlan/2010\_RegionalTransportationPlan.pdf

2010 Update  
Regional Transportation Plan  
Fig. 8-5

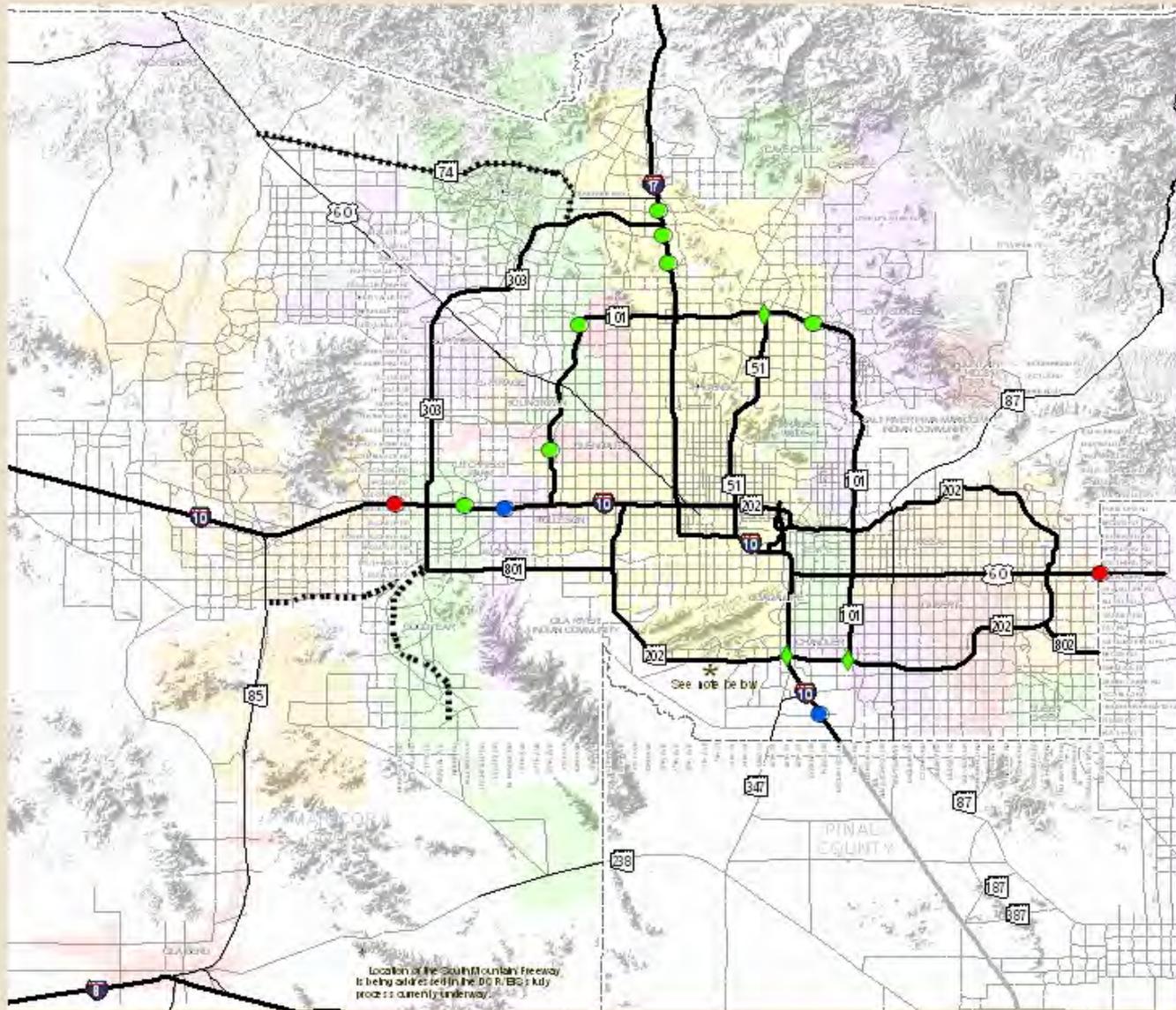
DRAFT



Plan Phasing  
New Interchanges  
and HOV Ramp  
Connections

- New Traffic Interchange
- ◆ New System HOV/Ramp Connections
- Phase 1 (FY 2006 - FY 2010)
- Phase 2 (FY 2011 - FY 2015)
- Phase 3 (FY 2016 - FY 2020)
- Phase 4 (FY 2021 - FY 2025)
- Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation Phase 5
- Free ways
- Other Roads
- County Boundary

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



Location of the South Mountain Freeway is being addressed in the DC R/B's 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.



Regional transportation facilities in Maricopa County are planned by the Central Arizona Association of Governments (CAAAG).

©2010, All Rights Reserved

www.maricopaaz.gov/transportation/fig8-5



2010 Update  
Regional Transportation Plan

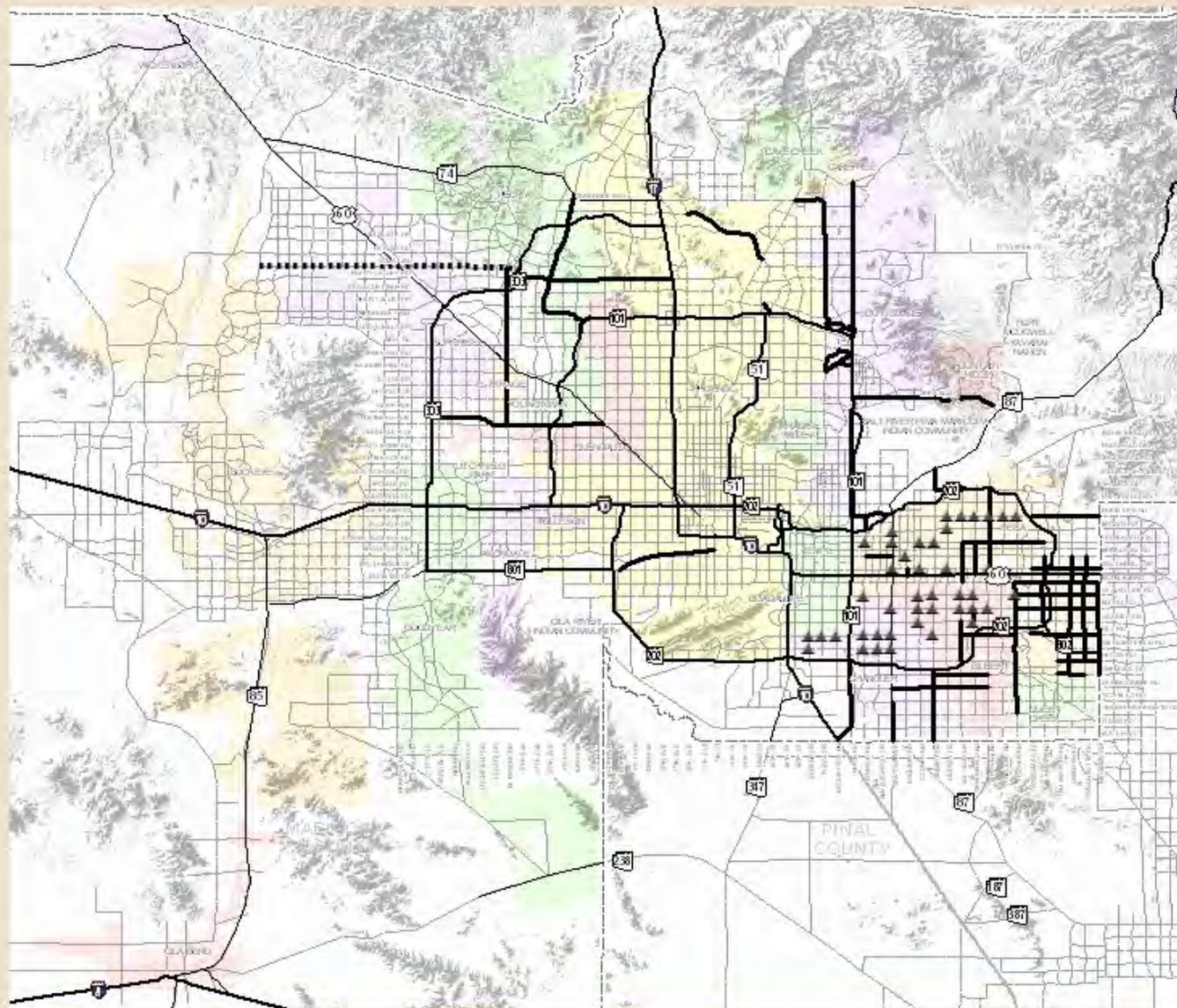
Fig. 9-4

DRAFT

REGIONAL  
TRANSPORTATION  
PLAN



Plan Phasing  
Arterial Street  
Improvements

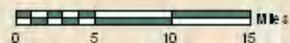


- ▲ Improved Intersections
- Phase 1 (FY 2006 - FY 2010)
- Phase 2 (FY 2011 - FY 2015)
- Phase 3 (FY 2016 - FY 2020)
- Phase 4 (FY 2021 - FY 2025)
- Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation
- Freeways
- Highways
- Other Roads
- County Boundary

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAAG).



While every effort has been made to assure 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.



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

# 2010 Update Regional Transportation Plan

Fig. 9-4

**DRAFT**

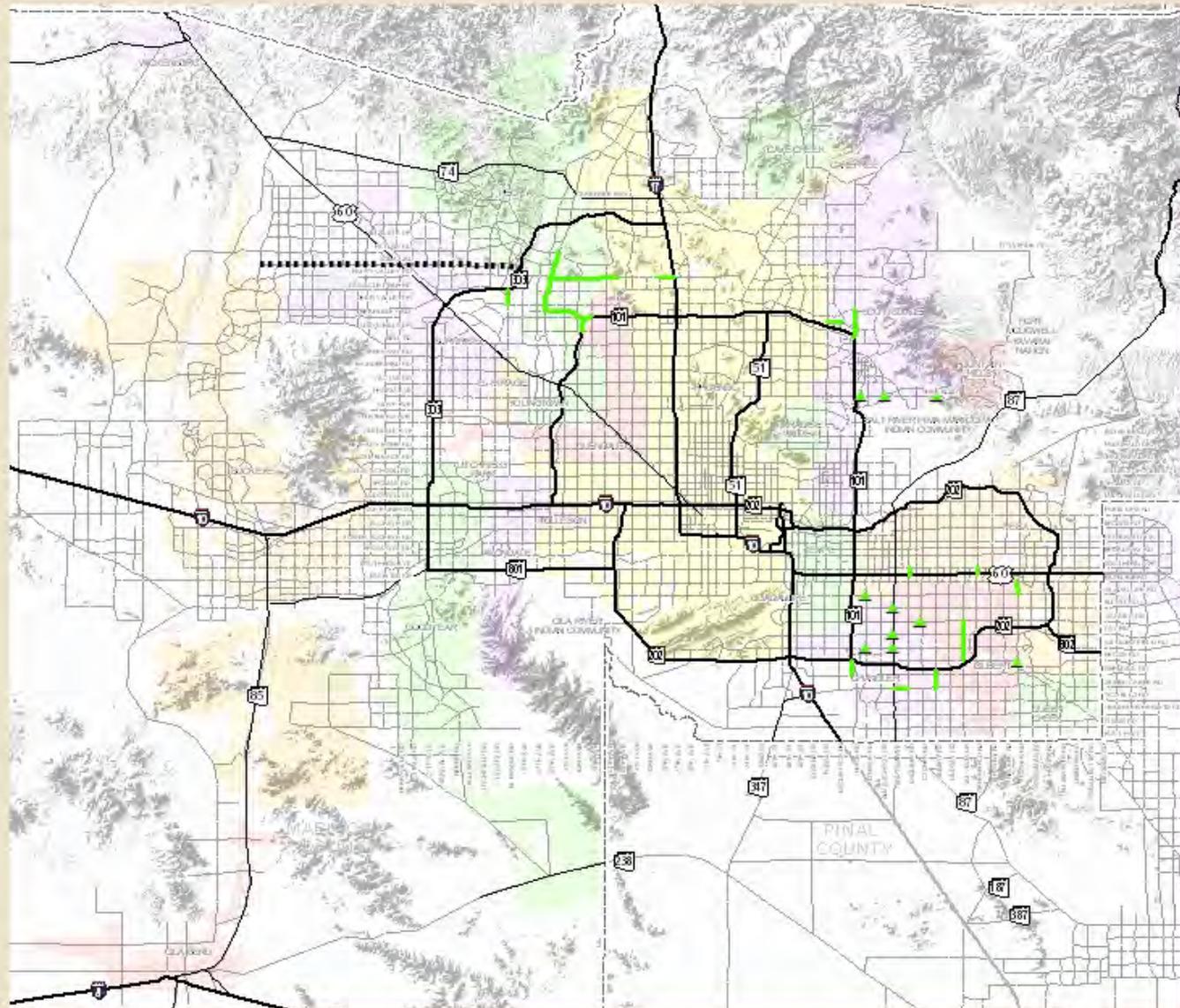
REGIONAL  
TRANSPORTATION  
PLAN



## Plan Phasing Arterial Street Improvements

- ▲ Improved Intersections
- New/Improved Arterials
  - Phase 1 (FY 2006 - FY 2010)
  - Phase 2 (FY 2011 - FY 2015)
  - Phase 3 (FY 2016 - FY 2020)
  - Phase 4 (FY 2021 - FY 2025)
  - Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation
- Freeways
- Highways
- Other Roads
- County Boundary

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



While every effort has been made to assure 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.



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

# 2010 Update Regional Transportation Plan

Fig. 9-4

**DRAFT**

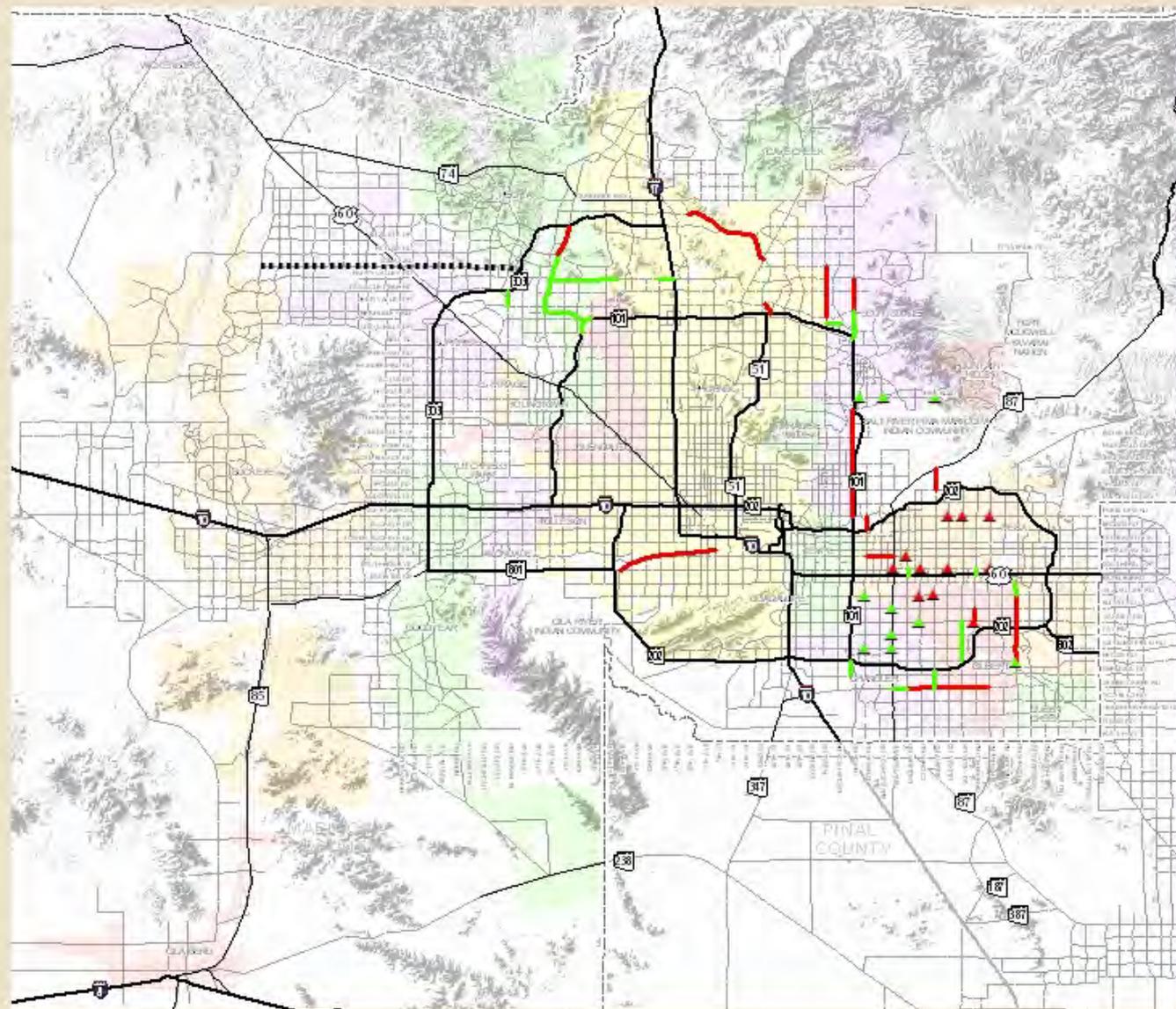
REGIONAL  
TRANSPORTATION  
PLAN



## Plan Phasing Arterial Street Improvements

- ▲ Improved Intersections
- New/Improved Arterials
  - Phase 1 (FY 2006 - FY 2010)
  - Phase 2 (FY 2011 - FY 2015)
  - Phase 3 (FY 2016 - FY 2020)
  - Phase 4 (FY 2021 - FY 2025)
  - Phase 5 (FY 2026 - FY 2031)
- Right of Way Preservation
- Freeways
- Highways
- Other Roads
- County Boundary

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



While every effort has been made to assure 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.



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

# 2010 Update Regional Transportation Plan

Fig. 9-4

**DRAFT**

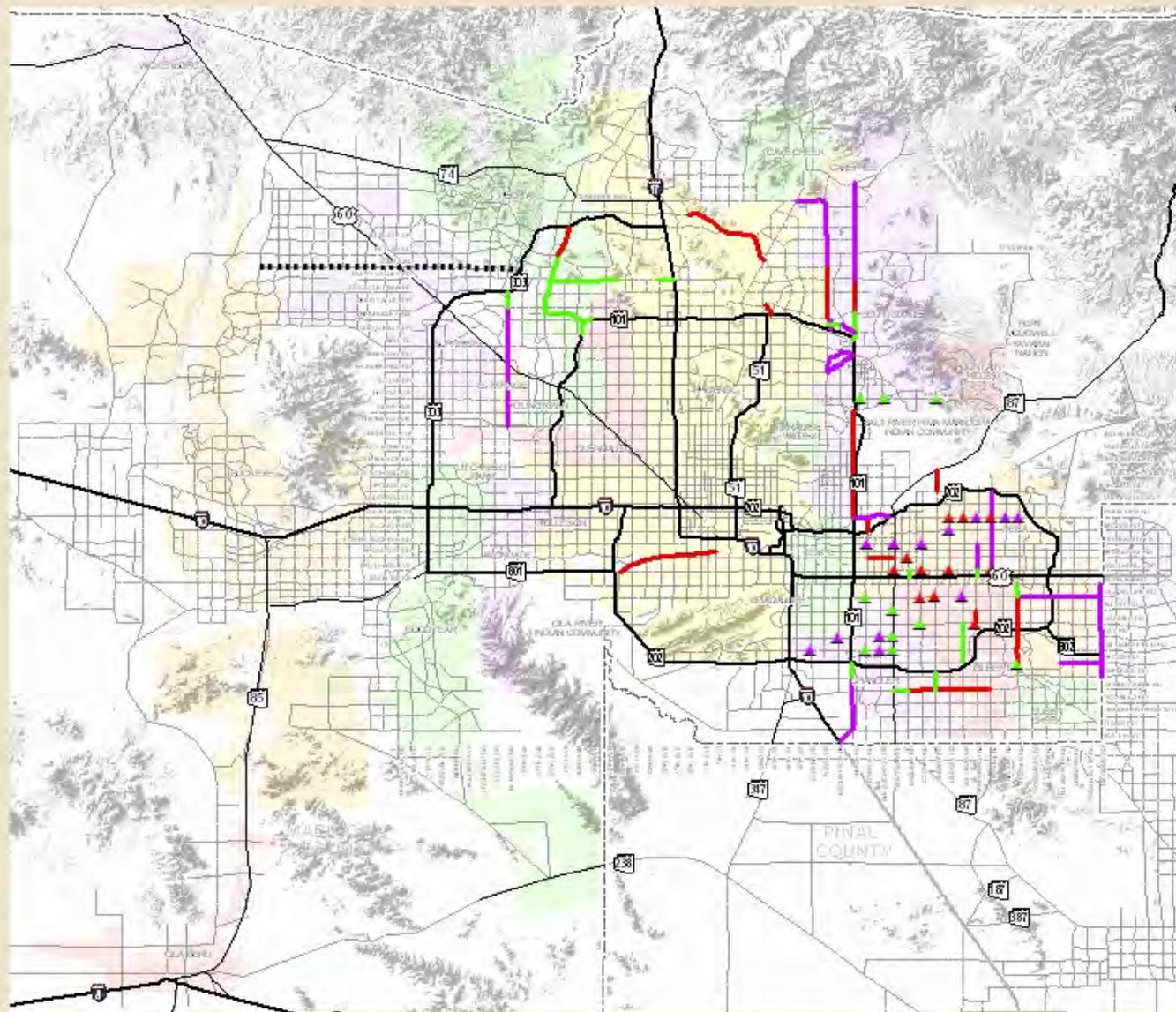
REGIONAL  
TRANSPORTATION  
PLAN



## Plan Phasing Arterial Street Improvements

- ▲ Improved Intersections
- New/Improved Arterials
  - Phase 1 (FY 2006 - FY 2010)
  - Phase 2 (FY 2011 - FY 2015)
  - Phase 3 (FY 2016 - FY 2020)
  - Phase 4 (FY 2021 - FY 2025)
  - Phase 5 (FY 2026 - FY 2031)
- ..... Right of Way Preservation
- Freeways
- Highways
- Other Roads
- County Boundary

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



While every effort has been made to assure 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.



Alignments for new freeways, highways, arterial and high-traveling capacity transit facilities will be determined following the completion of appropriate design and environmental studies.





# 2010 Update Regional Transportation Plan

Fig. 10-4

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

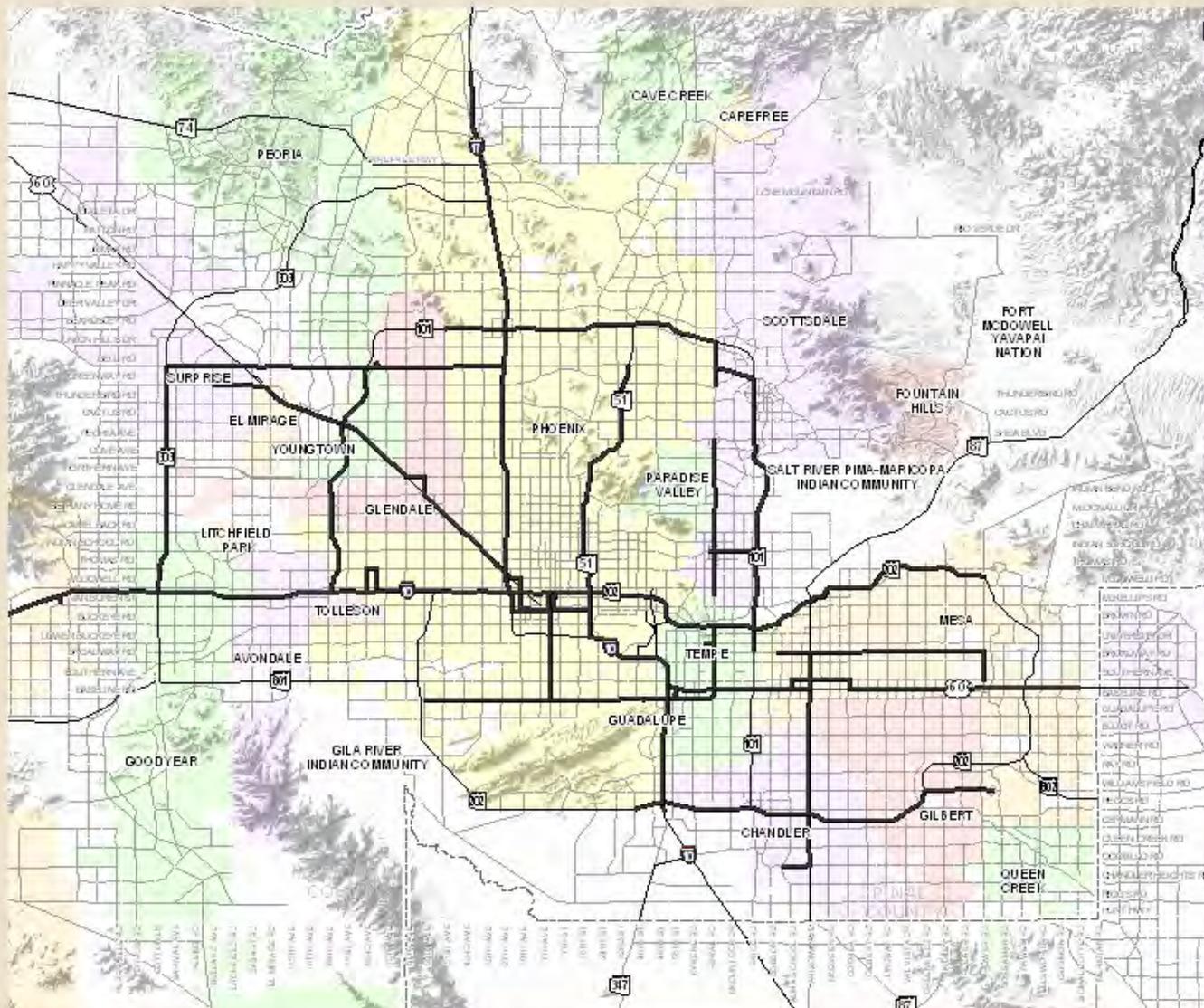


## Bus Rapid Transit (BRT) System Phasing

- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Freeways
- Highways
- Other Roads
- 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.*

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



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.



©2010, All Rights Reserved









# 2010 Update Regional Transportation Plan

Fig. 10-4

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

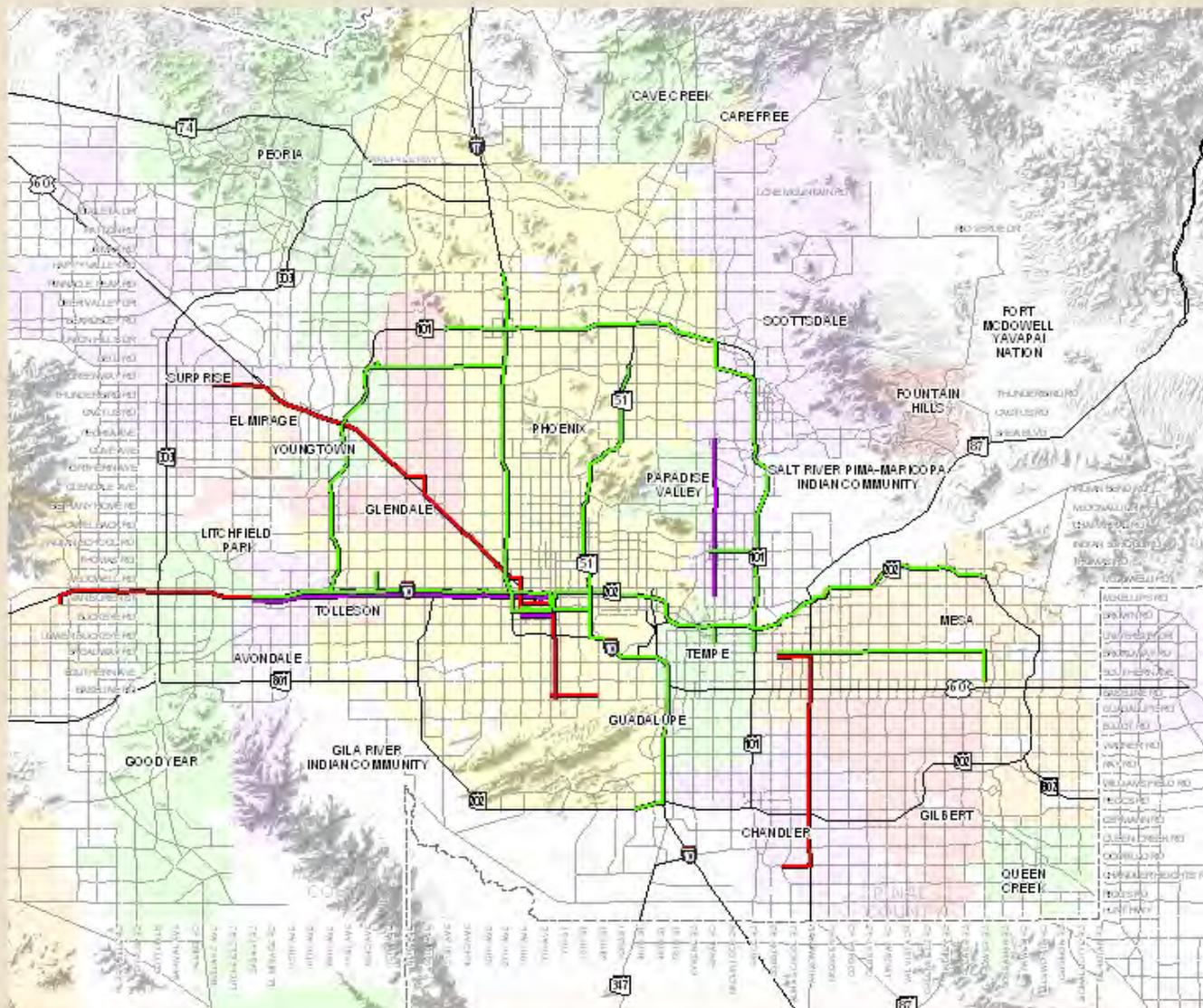


## Bus Rapid Transit (BRT) System Phasing

- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Freeways
- Highways
- Other Roads
- 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.*

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



©2010, All Rights Reserved

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.



# 2010 Update Regional Transportation Plan

Fig. 10-6

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

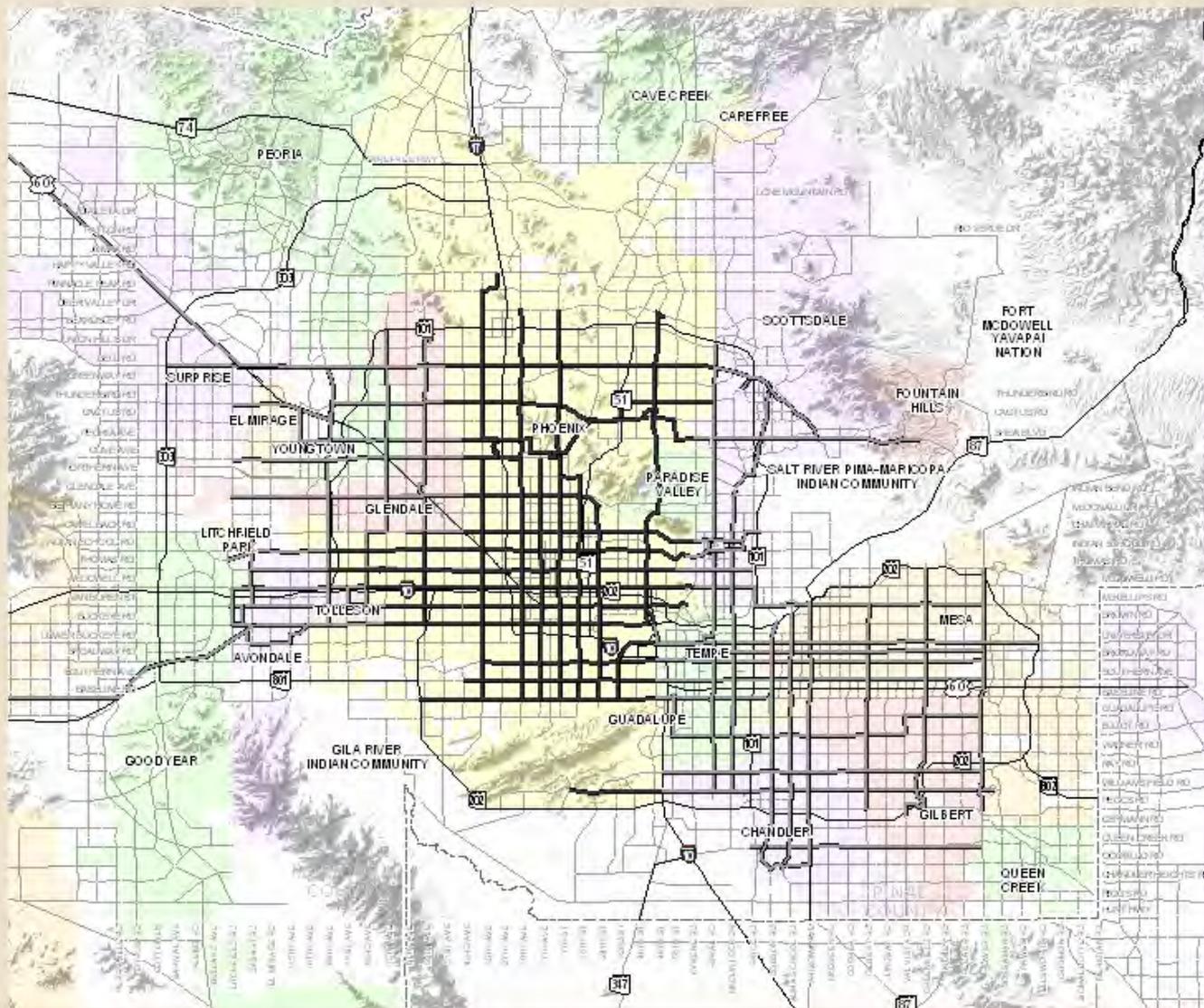


## Super Grid Bus System Phasing

- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Funded By City of Phoenix
- Freeways
- Highways
- Other Roads
- County Boundary

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

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



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.



©2010, All Rights Reserved



# 2010 Update Regional Transportation Plan

Fig. 10-6

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

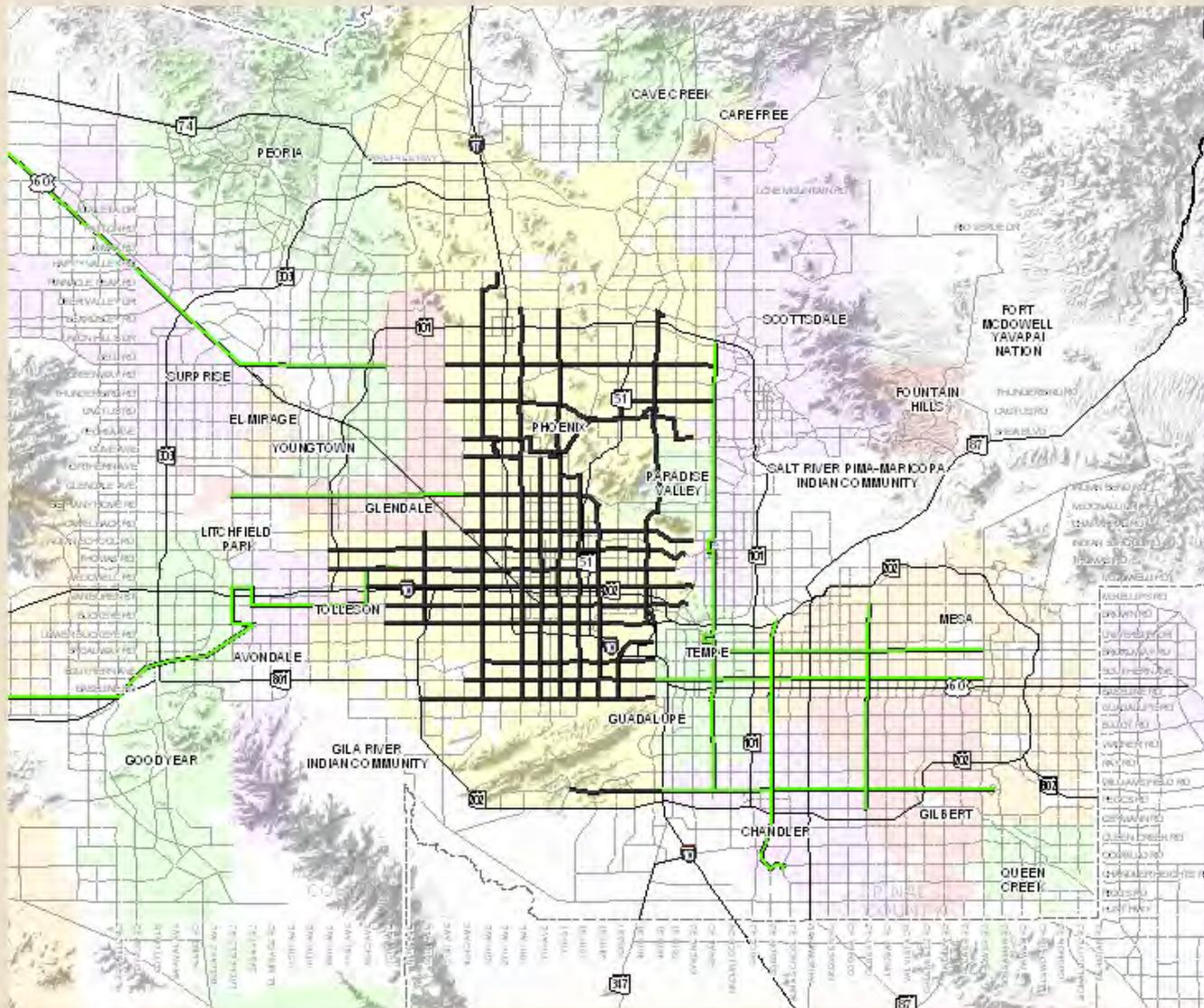


## Super Grid Bus System Phasing

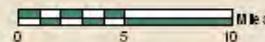
- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Funded By City of Phoenix
- Freeways
- Highways
- Other Roads
- County Boundary

*Alignments for new freeways, highways, arterial and high transit/high capacity transit facilities will be determined following the completion of appropriate design and environmental studies.*

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



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.



©2010, All Rights Reserved

# 2010 Update Regional Transportation Plan

Fig. 10-6

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

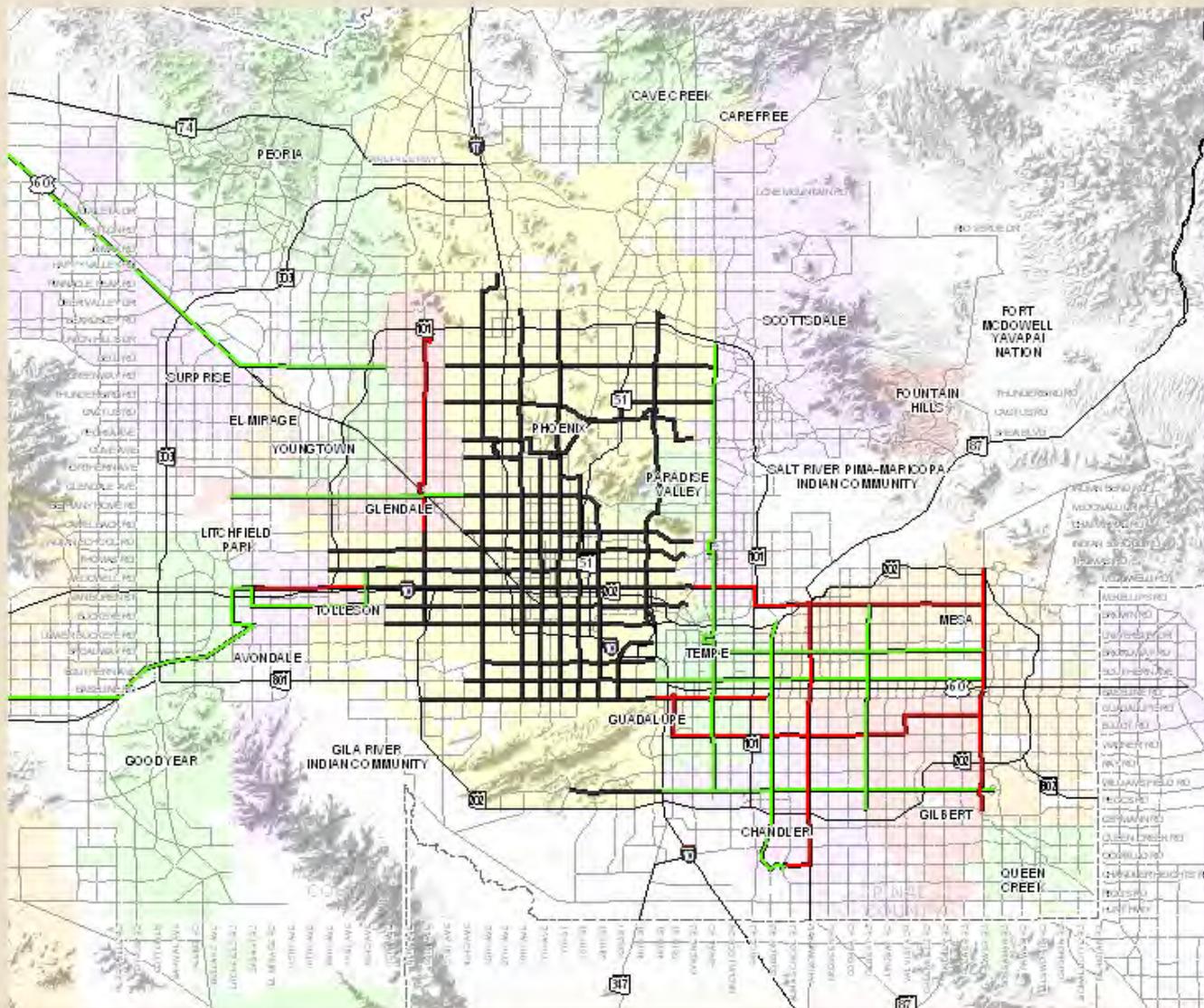


## Super Grid Bus System Phasing

- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Funded By City of Phoenix
- Freeways
- Highways
- Other Roads
- County Boundary

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

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



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.



©2010, All Rights Reserved



# 2010 Update Regional Transportation Plan

Fig. 10-6

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

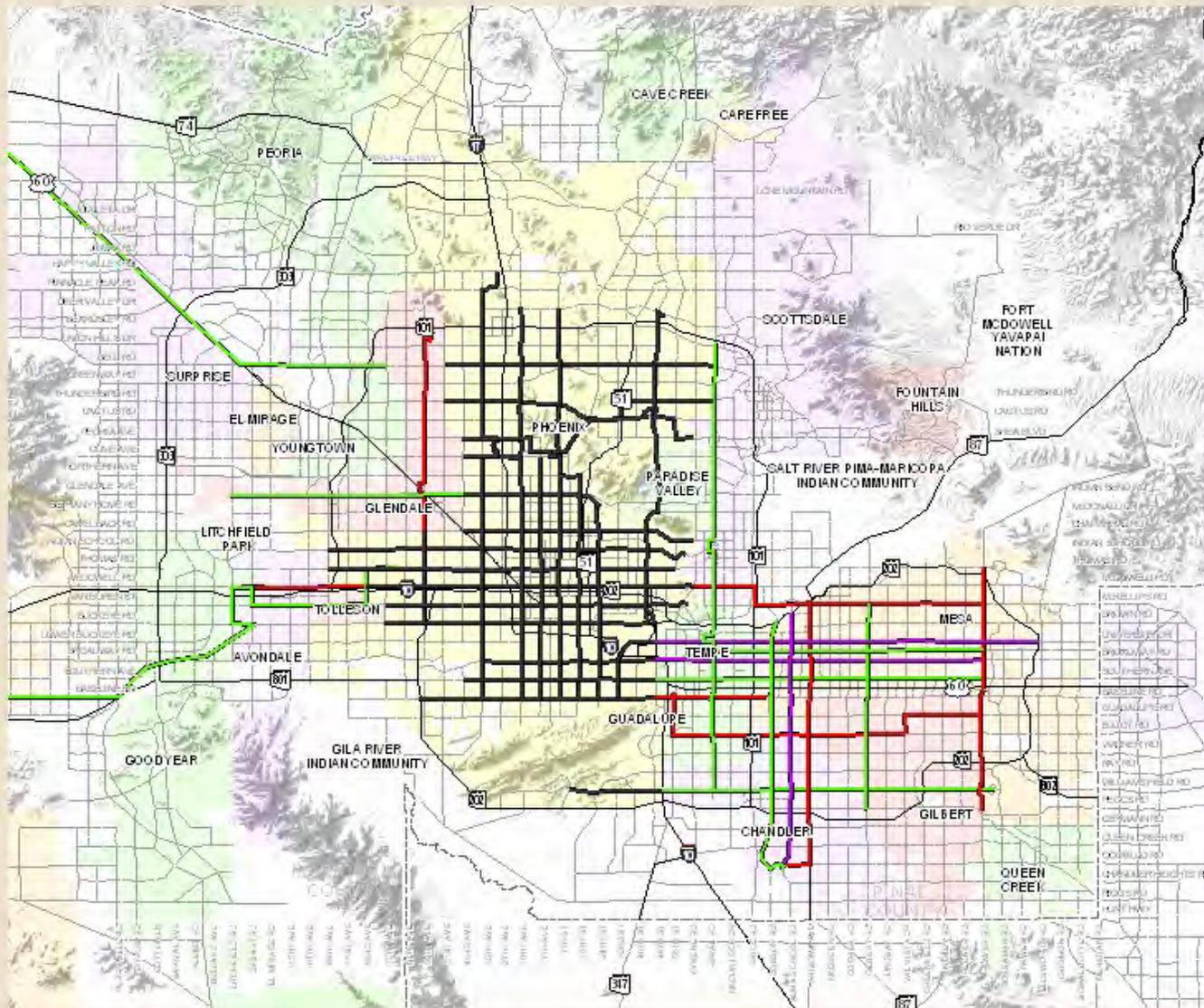


## Super Grid Bus System Phasing

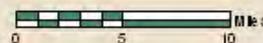
- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Funded By City of Phoenix
- Freeways
- Highways
- Other Roads
- County Boundary

Alignments for new freeways, highways, arterial and high transit/high capacity transit facilities will be determined following the completion of appropriate design and environmental studies.

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



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.



©2010, All Rights Reserved



# 2010 Update Regional Transportation Plan

Fig. 10-6

**DRAFT**

REGIONAL  
TRANSPORTATION  
PLAN

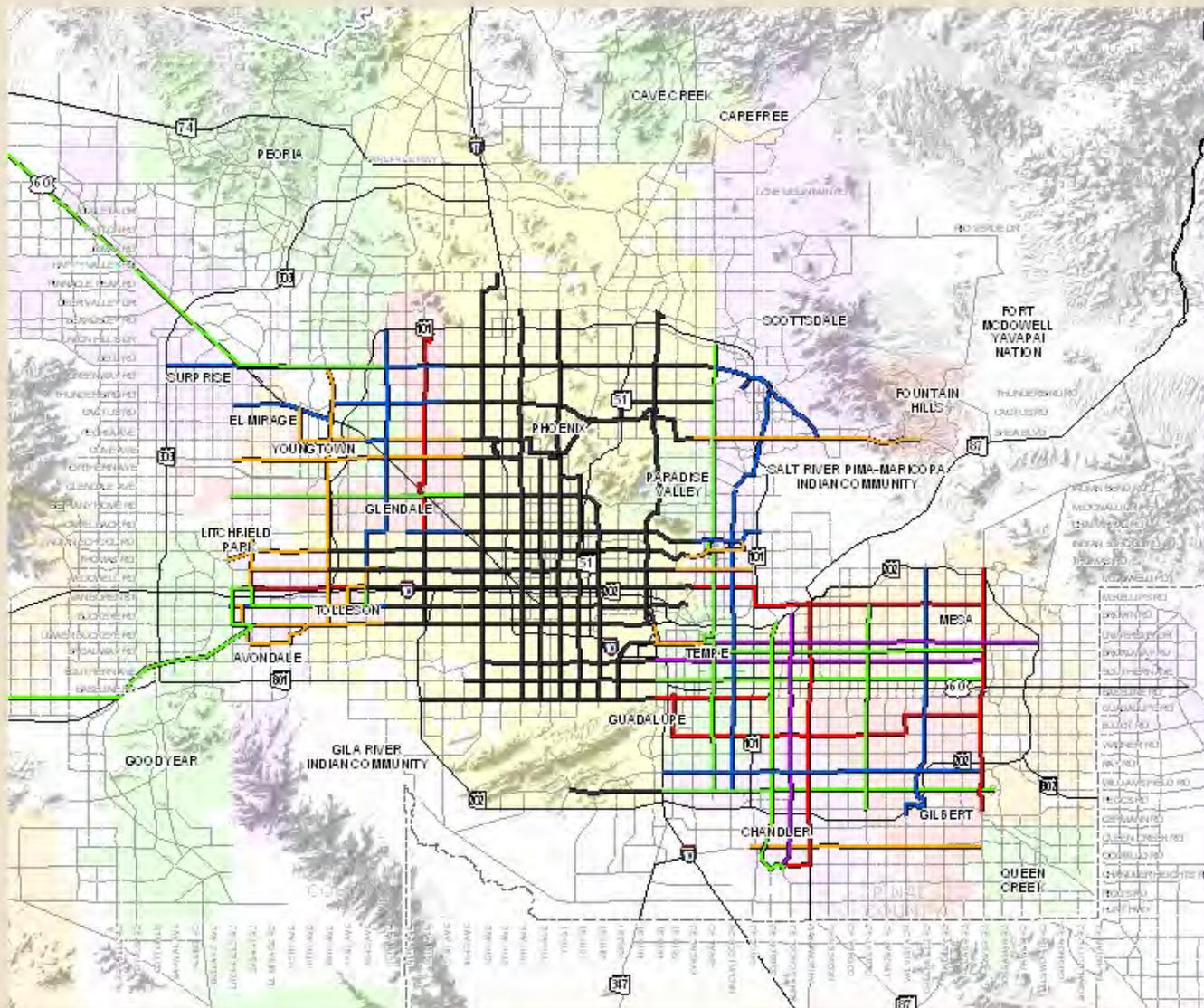


## Super Grid Bus System Phasing

- Phase 1 (FY 2006-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Funded By City of Phoenix
- Freeways
- Highways
- Other Roads
- County Boundary

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

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



MAP  
AREA

MARICOPA  
COUNTY

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.

©2010, All Rights Reserved

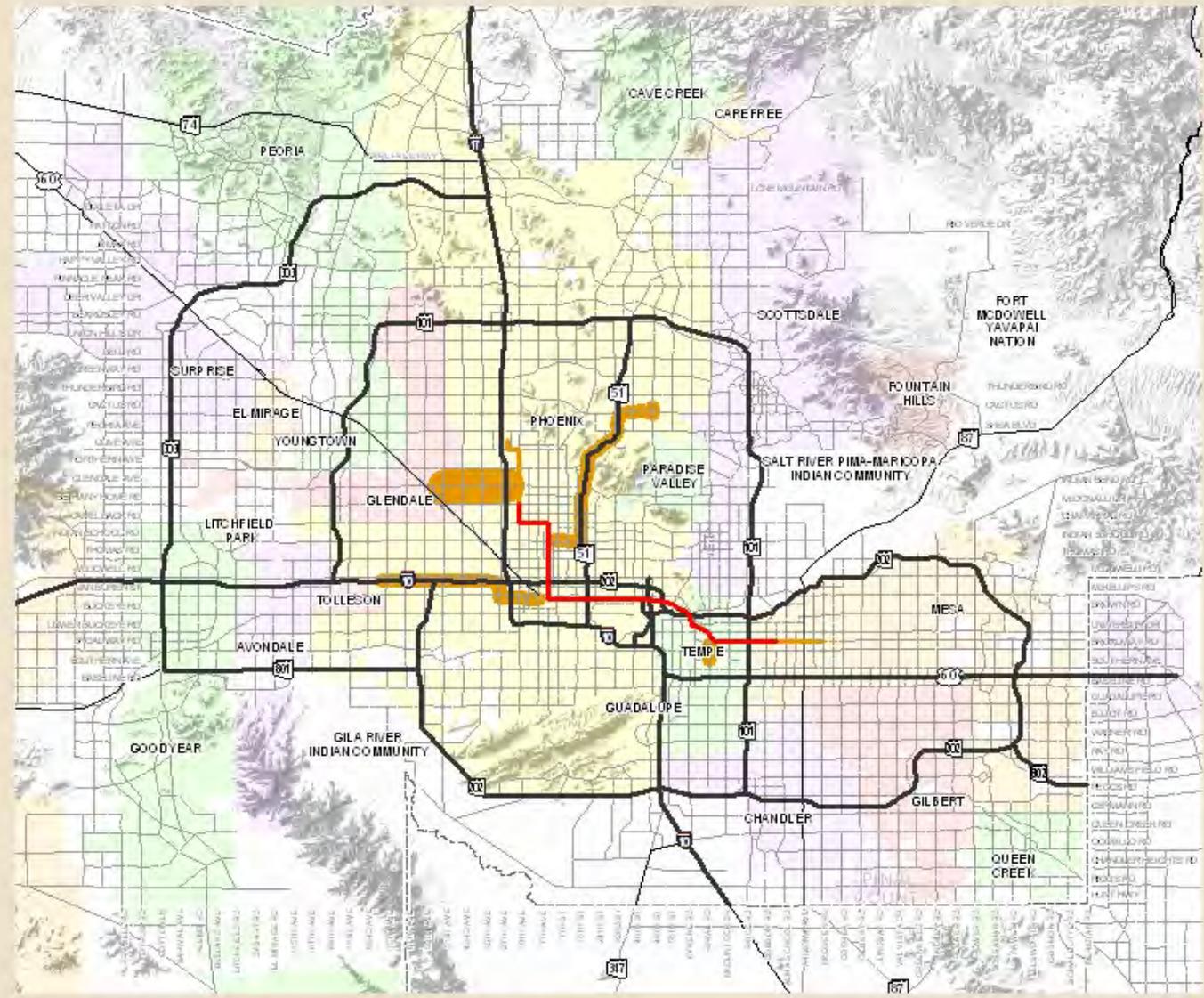
2010 Update  
Regional Transportation Plan

Fig. 10-7

**DRAFT**



**Existing and Planned  
Light Rail Transit (LRT)/  
High Capacity Transit**



- Completed Minimum Operating Segment
- Future Light Rail Corridors
- Freeways
- Highways
- Other Roads
- County Boundary

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

*Region of cooperation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



©2010, All Rights Reserved

MARICOPA COUNTY

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.



2010 Update  
Regional Transportation Plan

Fig. 10-8

DRAFT

REGIONAL  
TRANSPORTATION  
PLAN

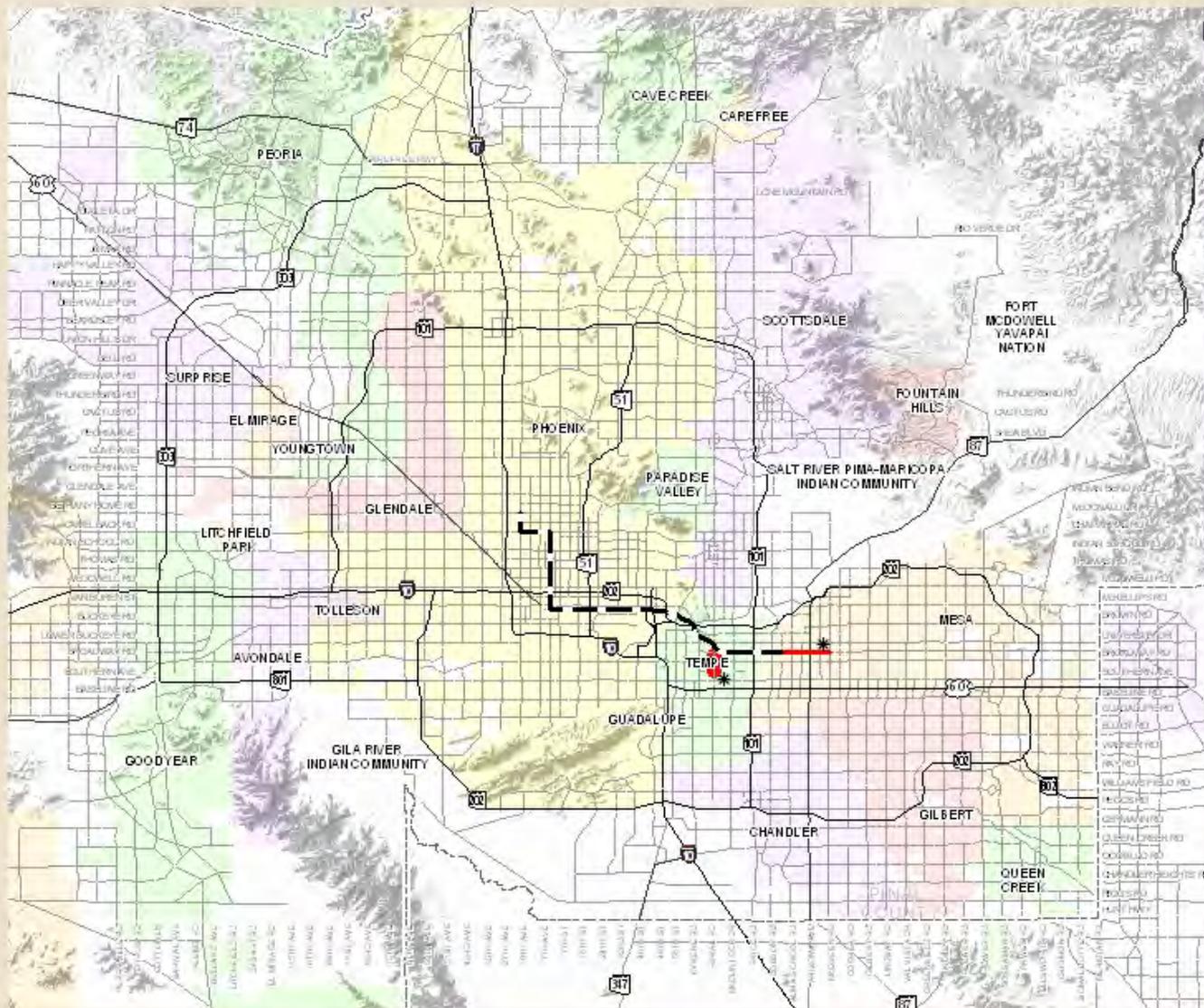


Existing and Planned  
Light Rail Transit (LRT)/  
High Capacity Transit

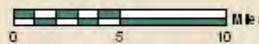
- Phase 1 (FY 2008-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Completed Minimum Operating Segment
- Freeways
- Highways
- Other Roads
- County Boundary

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.

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



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.



Target Opening Dates:

- \* December, 2016
- + December, 2025
- ⊕ December, 2022
- × December, 2031

2010 Update  
Regional Transportation Plan

Fig. 10-8

DRAFT

REGIONAL  
TRANSPORTATION  
PLAN

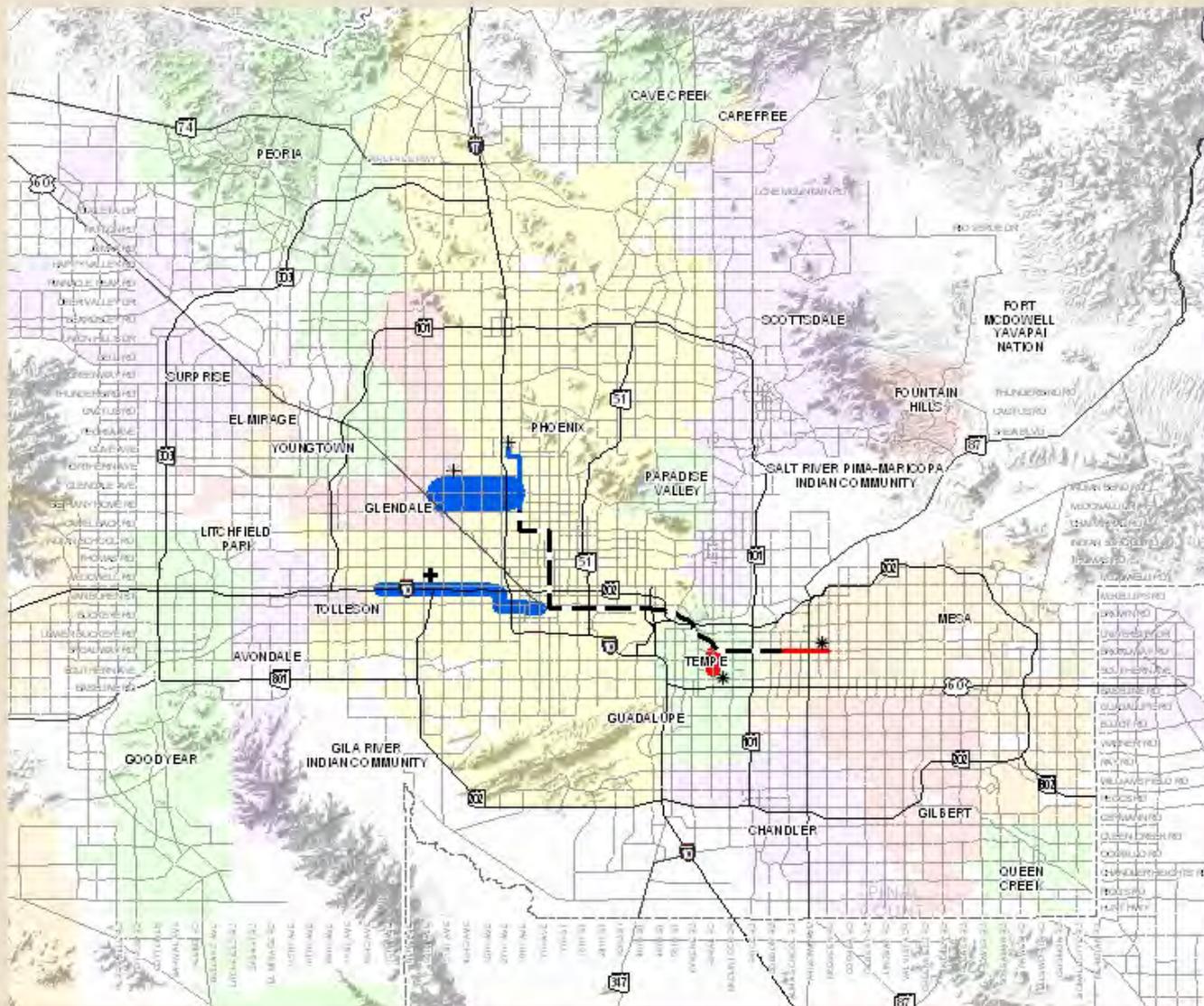


Existing and Planned  
Light Rail Transit (LRT)/  
High Capacity Transit

- Phase 1 (FY 2008-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Completed Minimum Operating Segment
- Freeways
- Highways
- Other Roads
- 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.

Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).



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.



Target Opening Dates:

- \* December, 2016
- + December, 2022
- December, 2025
- × December, 2031

2010 Update  
Regional Transportation Plan

Fig. 10-8

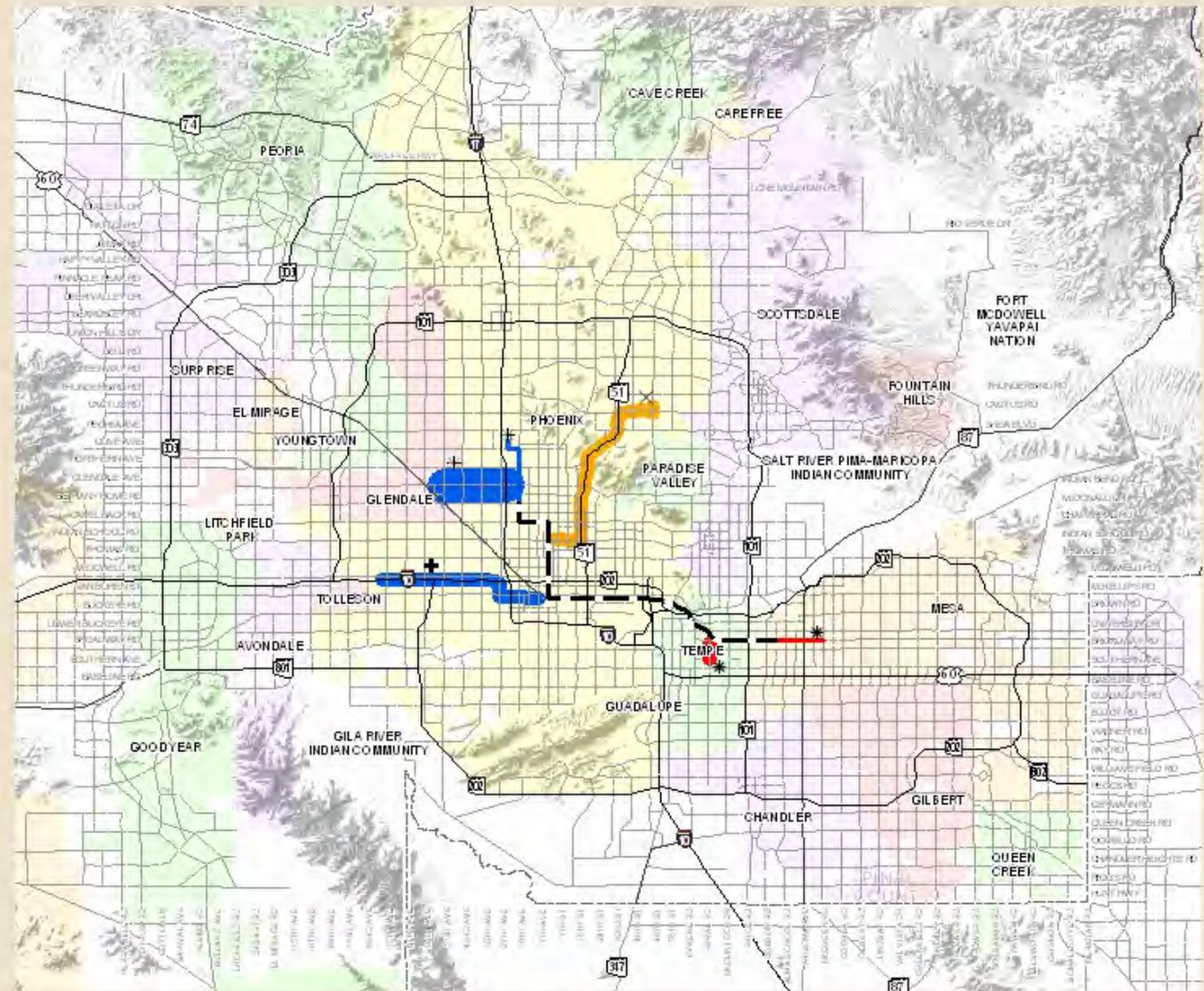


**Existing and Planned  
Light Rail Transit (LRT)/  
High Capacity Transit**

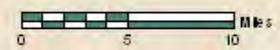
- Phase 1 (FY 2008-2010)
- Phase 2 (FY 2011-2015)
- Phase 3 (FY 2016-2020)
- Phase 4 (FY 2021-2025)
- Phase 5 (FY 2026-2031)
- Completed Minimum Operating Segment
- Freeways
- Highways
- Other Roads
- County Boundary

*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.*

*Regional transportation facilities in Pinal County are planned by the Central Arizona Association of Governments (CAAG).*



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.



Target Opening Dates:

- \* December, 2016
- + December, 2025
- ⊕ December, 2022
- × December, 2031

## Next Steps

**March** - Conduct Mid-Phase Public Hearing.

**April** - Approve for Air Quality Analysis.

**May** - Perform Air Quality Conformity Analysis.

**June** - Conduct Final Phase Public Hearing.

**July** - Adopt 2010 Update.



## Requested Action

**Recommend the Draft MAG Regional Transportation Plan – 2010 Update for an air quality conformity analysis.**



# For more information contact:

Roger Herzog

602-254-6300

[rherzog@mag.maricopa.gov](mailto:rherzog@mag.maricopa.gov)

