

COUNCIL ITEM OF SPECIAL INTEREST
NORTHERN PARKWAY

City Council Workshop
December 6, 2016

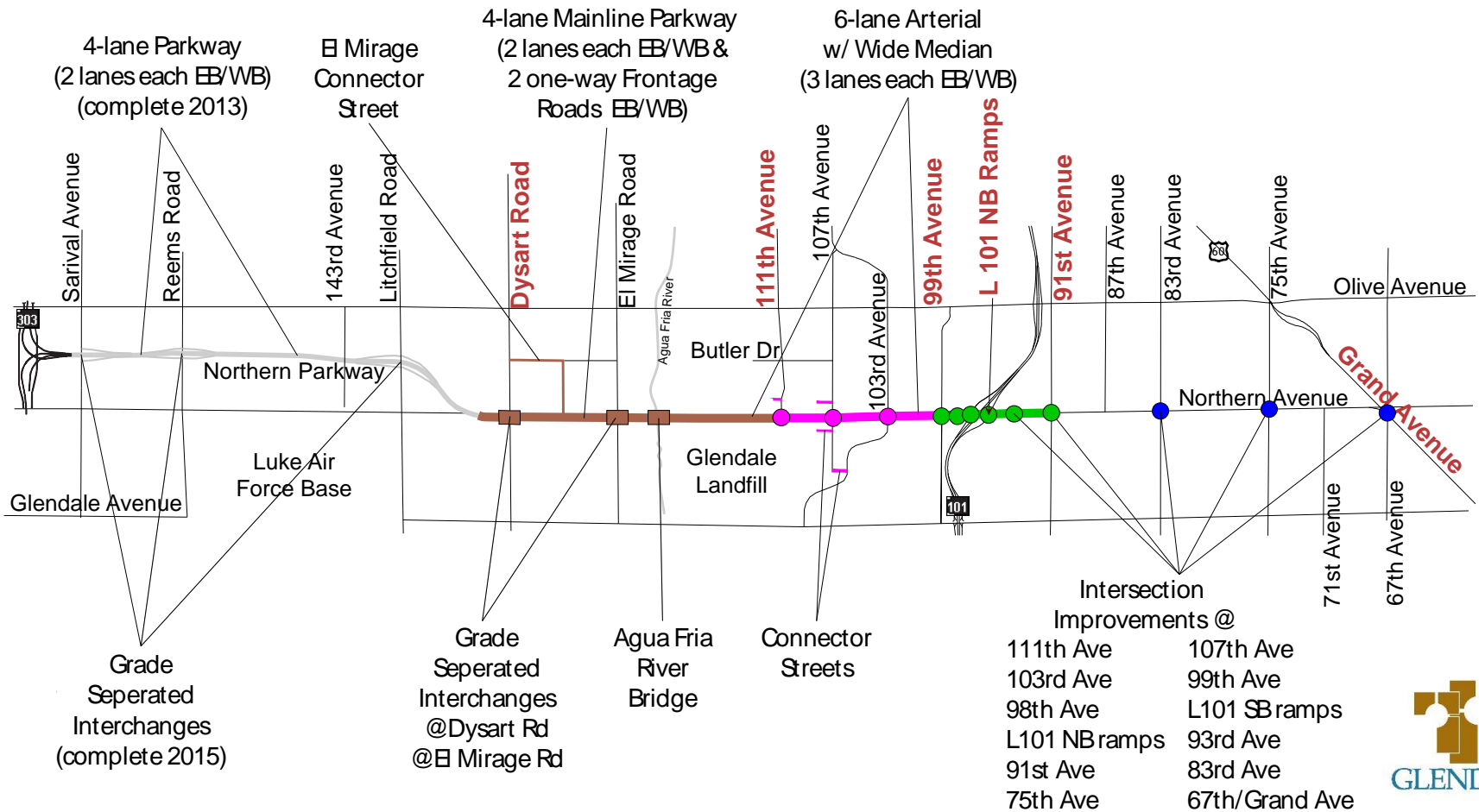


Northern Parkway Corridor

- 12.5 mile limited access facility connecting Loop 303 and Grand Avenue (US 60)



Northern Parkway Funded Project 2017-2025 (\$328.6M)



Unfunded Project Highlights Post-2025 (\$283.9M)

- Direct connector ramps to/from Grand Avenue (US-60)
 - WB Grand Avenue to WB Northern Parkway
 - EB Northern Parkway to EB Grand Avenue
- Parkway bypass of Loop 101
- Grade Separated Intersections at 75th Avenue/83rd Avenue/91st Avenue
- Additional mainline thru lanes between Loop 303 and El Mirage Road (from 4 lanes to 6 lanes)

Project Background (2001-2008)

- Supporting Measures for Northern Parkway
 - Glendale Proposition 402 – GO Program 1/2-Cent Transportation Sales Tax (2001)
 - Regional Proposition 400 – Countywide 1/2-Cent Transportation Sales Tax (2004)
 - Peoria 1/2- Cent Transportation Sales Tax (2005)
 - Partnership formed and formalized by Intergovernmental Agreement (IGA) between Glendale, Maricopa County, Peoria, and El Mirage (2008)



Northern Parkway IGA (2008)

- Maricopa County as the designated lead agency
- Identified improvements in Funded Project
- Established funding splits between partner agencies
 - 70% Regional/federal
 - 30% Local funding is contributed at
 - City of Glendale 40%
 - Maricopa County 30%
 - City of Peoria 20%
 - City of El Mirage 10%
- Identified Design Concept Report (DCR) as Guiding Document



Project Background (2009-2015)

- Glendale led project through development of design concept and environmental clearance (2010)
- First four miles open for traffic between Loop 303 and Dysart Road (2013)
- Grade Separated Interchanges completed at Litchfield Road and Reems Road (2015)
- Landscaping between Sarival Avenue and Dysart Road completed (2015)
- Flood Control District contribution for drainage facilities

Loop 303 (Western Terminus)



Mainline (Reems Road - Sarival Avenue)



West of Dysart Road (Eastern Terminus)



Grade Separated Interchange (Litchfield Road)



Recent Parkway Activities (2015-2016)

- Maricopa County requested review of Funded Project scope because of forecast changes due to recession
 - 2040 travel forecasts were re-analyzed
 - 2040 forecasts are lower than in 2010 but still warrant parkway facility
 - 2040 forecast does not reflect full buildout as there is substantial employment predicted in cities surrounding Northern Parkway corridor past 2040

Recent Parkway Activities (2015-2016)

- Partner cities/county staff reviewed future travel forecasts in a series of meetings
- City/County managers reached consensus to continue with Northern Parkway project as per the original design concept with minor modifications (November 2016)

Next Parkway Section (2017-2019)

- Dysart Road to 111th Avenue (2.5 miles) mostly undeveloped land w/ right-of-way secured
- County to complete design and advertise for construction approximately September 2017
- Construction completion estimated in 2019
- Completion of this section will make Northern Parkway a multi-lane facility from Loop 303 to Grand Avenue



Dysart Road to 111th Avenue

- Four-lane mainline between current eastern terminus at Dysart Road and El Mirage Road
- Grade Separated Intersections at Dysart Road and El Mirage Road
- Six-lane arterial between El Mirage Road and 111th Avenue with Agua Fria River bridge (with shoulders to allow for eight lanes in future)
- Frontage roads between Dysart Road and El Mirage Road

111th Avenue (6-Lane Limited Access Arterial)



Agua Fria River Crossing (6-Lane Bridge w/ Shoulders)



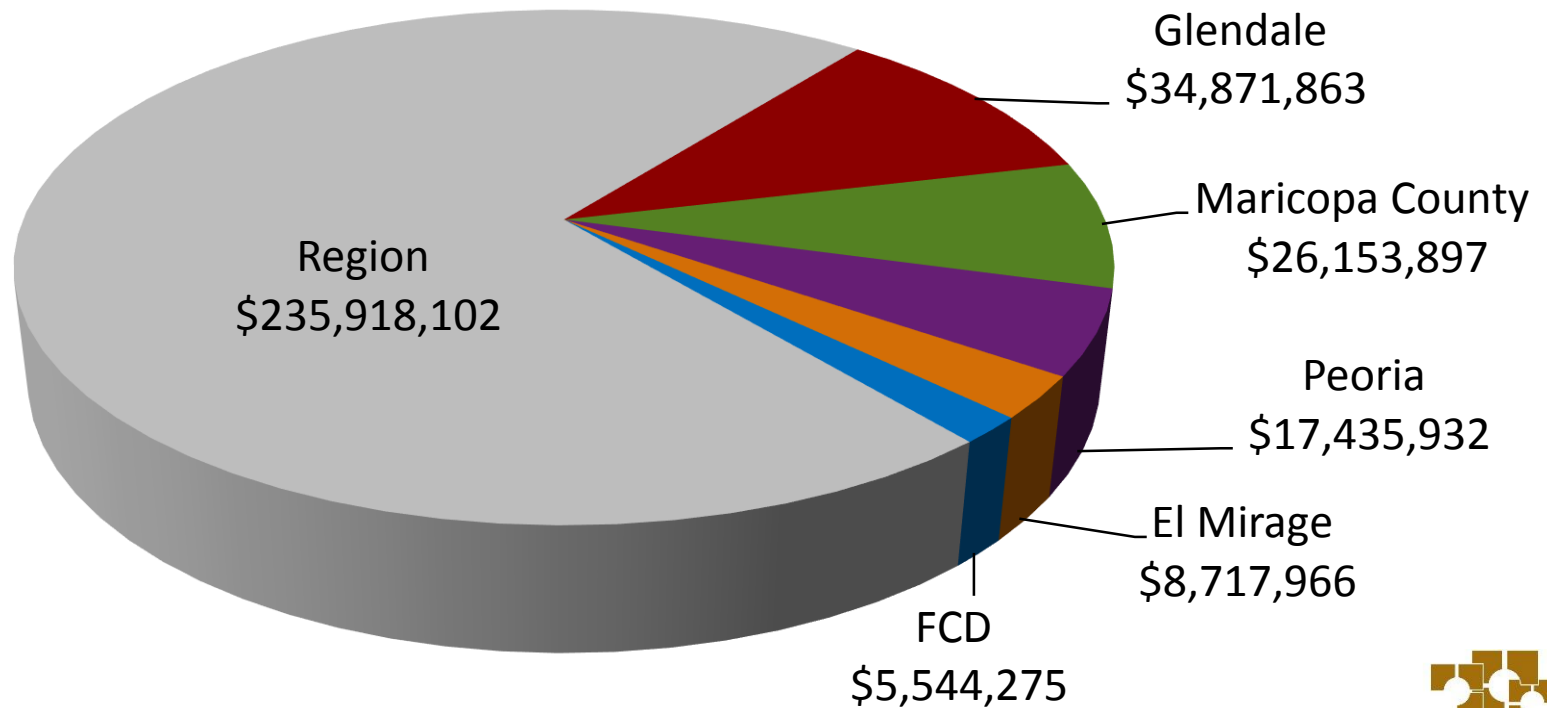
Limited Access Arterial (6 Lanes w/ Median)



Future Sections (2017-2025)

- 99th Avenue to 91st Avenue (6 thru lanes with turn lanes plus 6-intersection improvements)
- 111th Avenue to 99th Avenue (6-lane limited-access arterial with turn lanes at major intersections)
- 91st Avenue to Grand Avenue (additional turn lanes at major intersections)

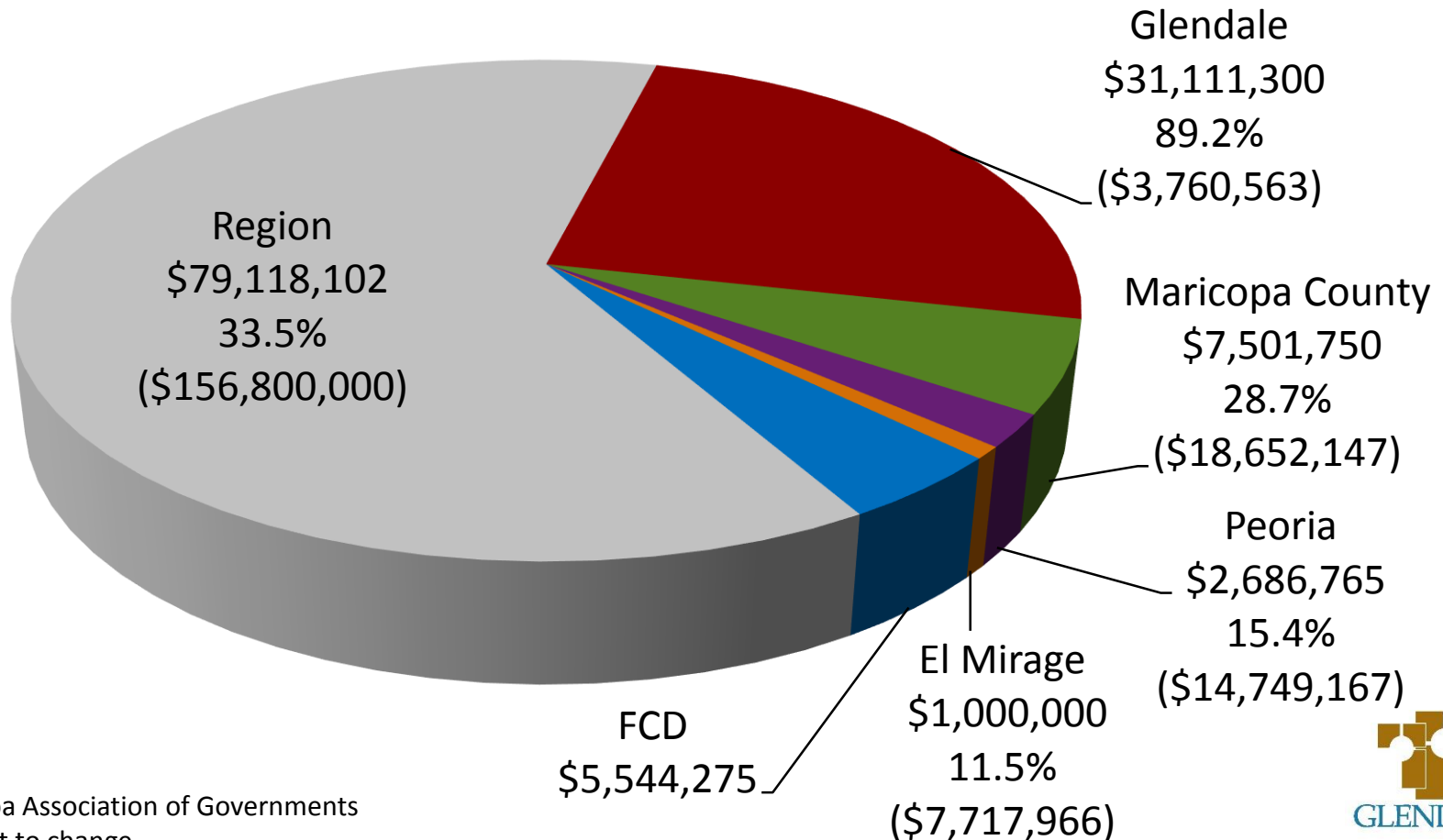
Northern Parkway Project Latest Cost Estimate (\$328.6M)



Source: Maricopa Association of Governments
Numbers subject to change



\$126.9M Contributions to Date (\$201.7M Remaining)



Source: Maricopa Association of Governments
Numbers subject to change



Thank you

Jack M. Lorbeer
Transportation Planning Manager
JLorbeer@GlendaleAZ.com
(623) 930-2942

