



Phoenix West Alternatives Analysis Update

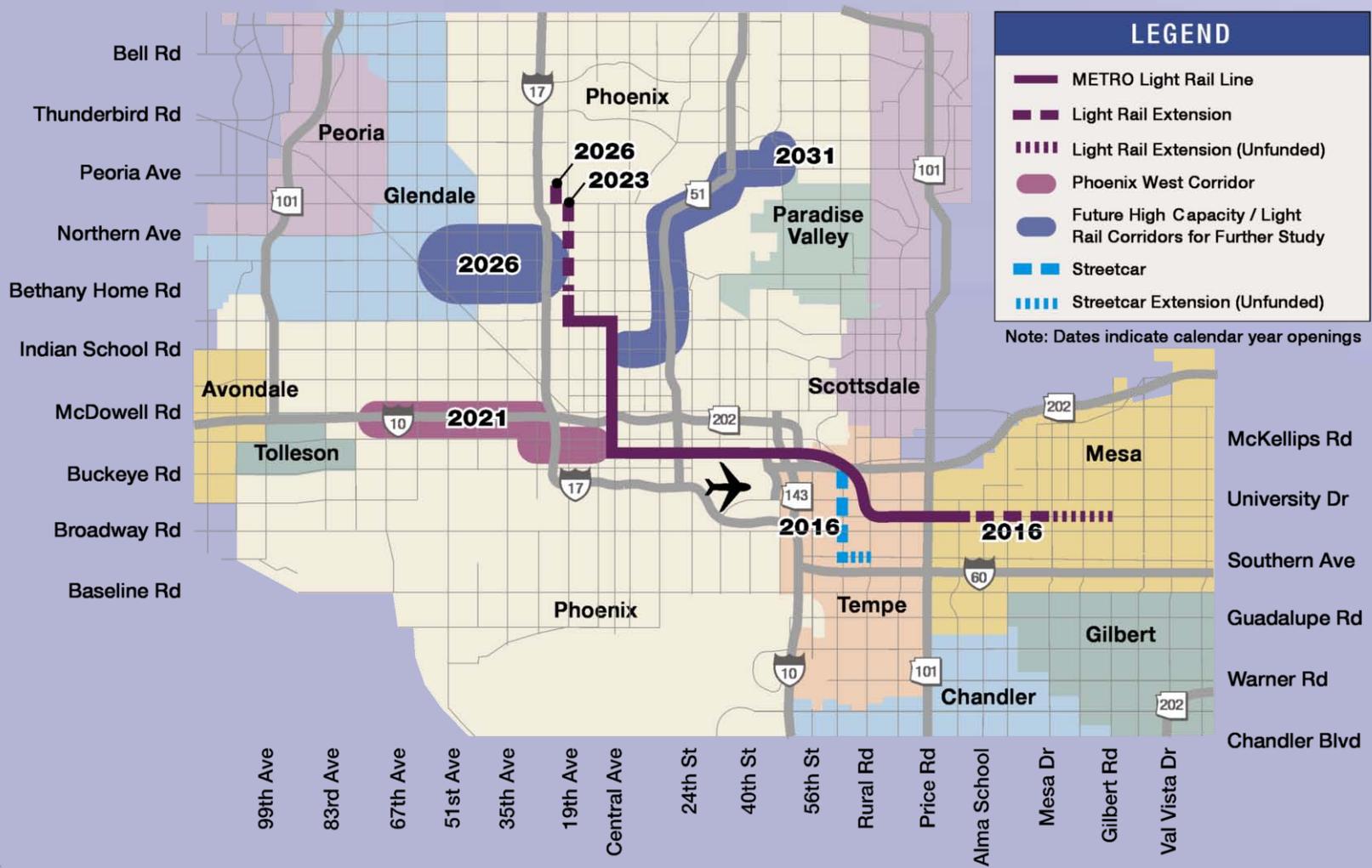
MAG Transportation Policy Committee

February 16, 2011



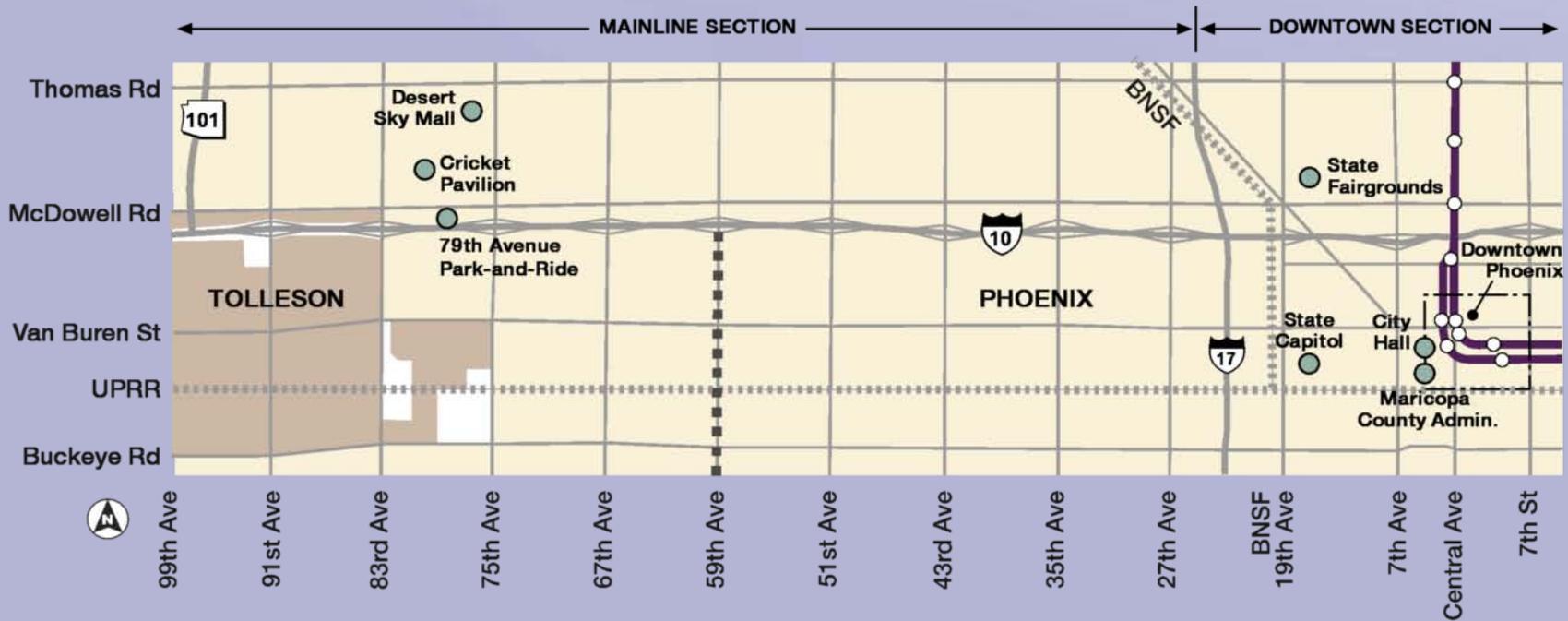


High Capacity / Light Rail Transit 57-Mile System – Adopted 2010





Phoenix West Extension Study Area



LEGEND

- METRO Light Rail Line / Station
- Activity Center
- Proposed South Mountain Freeway
- City of Phoenix
- City of Tolleson
- Unincorporated Maricopa County



Purpose of the Study

- Develop a recommendation for high-capacity transit improvements in the study area:
 - Technology – *WHAT*
 - Alignment – *WHERE*



Technologies Considered

Light Rail Transit



Bus Rapid Transit



RECOMMENDED



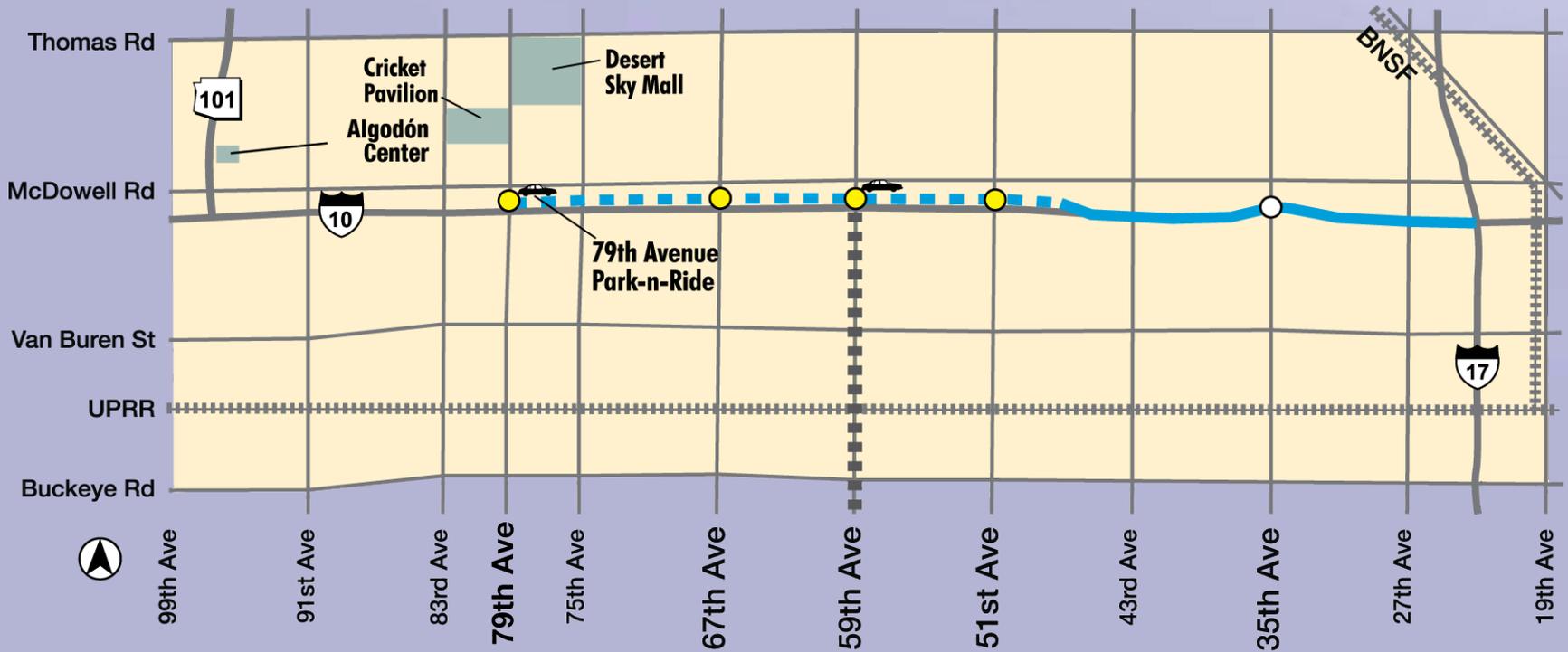
Phoenix West Mainline Alignment: *Approvals to Date*

- Recommendation for High Capacity Transit Improvements in the I-10 Right-of-Way west of I-17:
 - Phoenix City Council – April 2008
 - METRO Board – June 2008
 - MAG Regional Council – July 2008





LPA – Mainline Detail



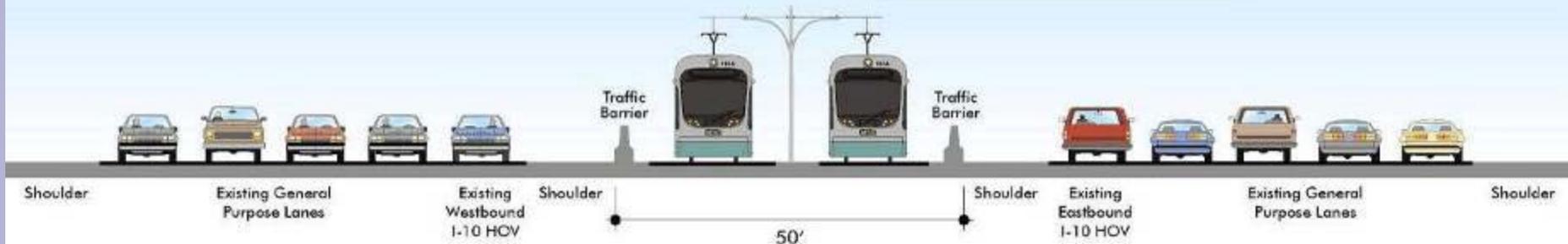
LEGEND

- | | | |
|---------------------------------|-----------------|--------------------------------------|
| Median Alignment | Study Area | Preliminary Median Station Sites |
| North Side Alignment | Activity Center | Preliminary North Side Station Sites |
| Proposed South Mountain Freeway | Park-and-Ride | |



I-10 Mainline Cross Sections

Median Option

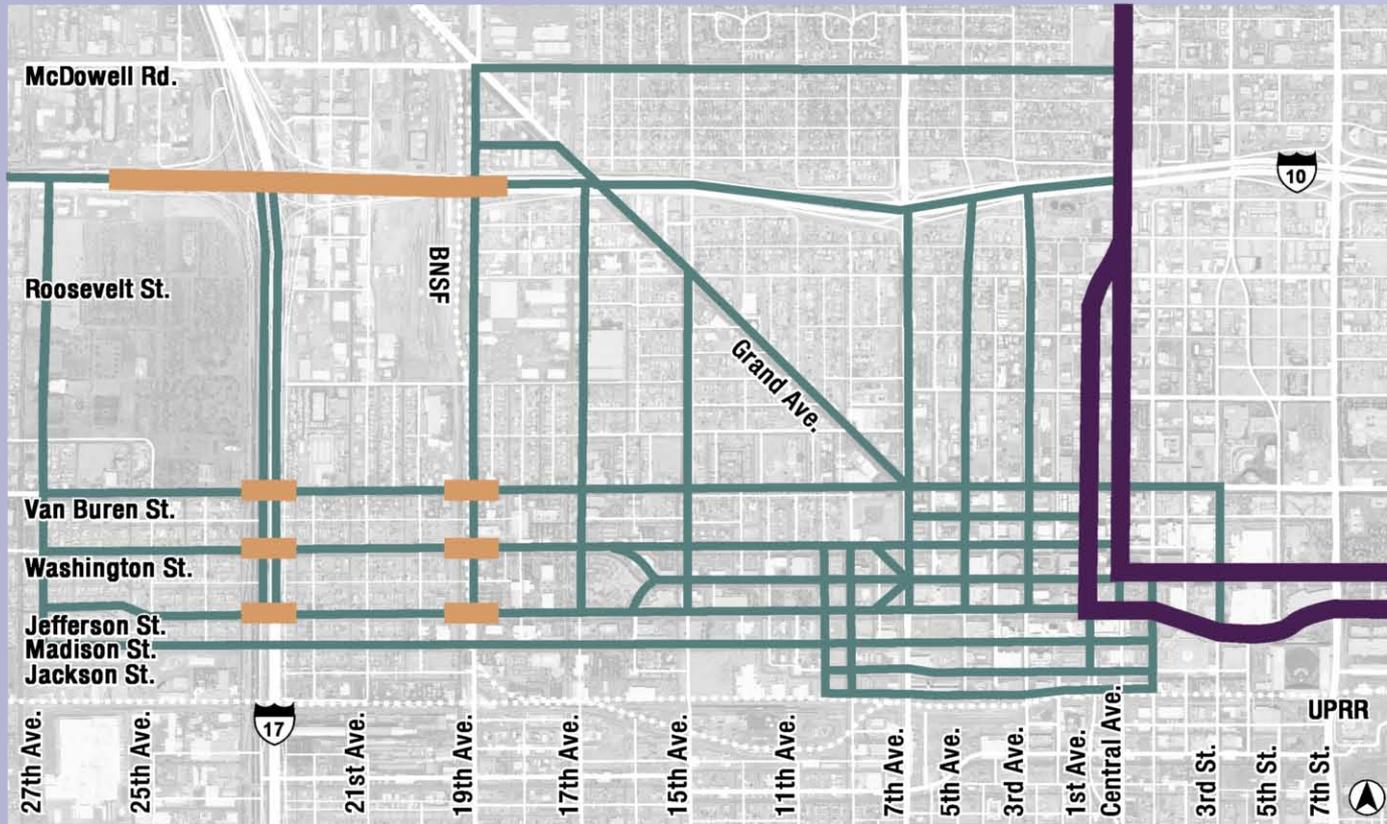


North Side Option





Downtown Alternatives Evaluated



LEGEND

-  Light Rail Starter Line / Station
-  LRT Alternative Alignments
-  Grade Separation Required



LPA – Downtown Detail



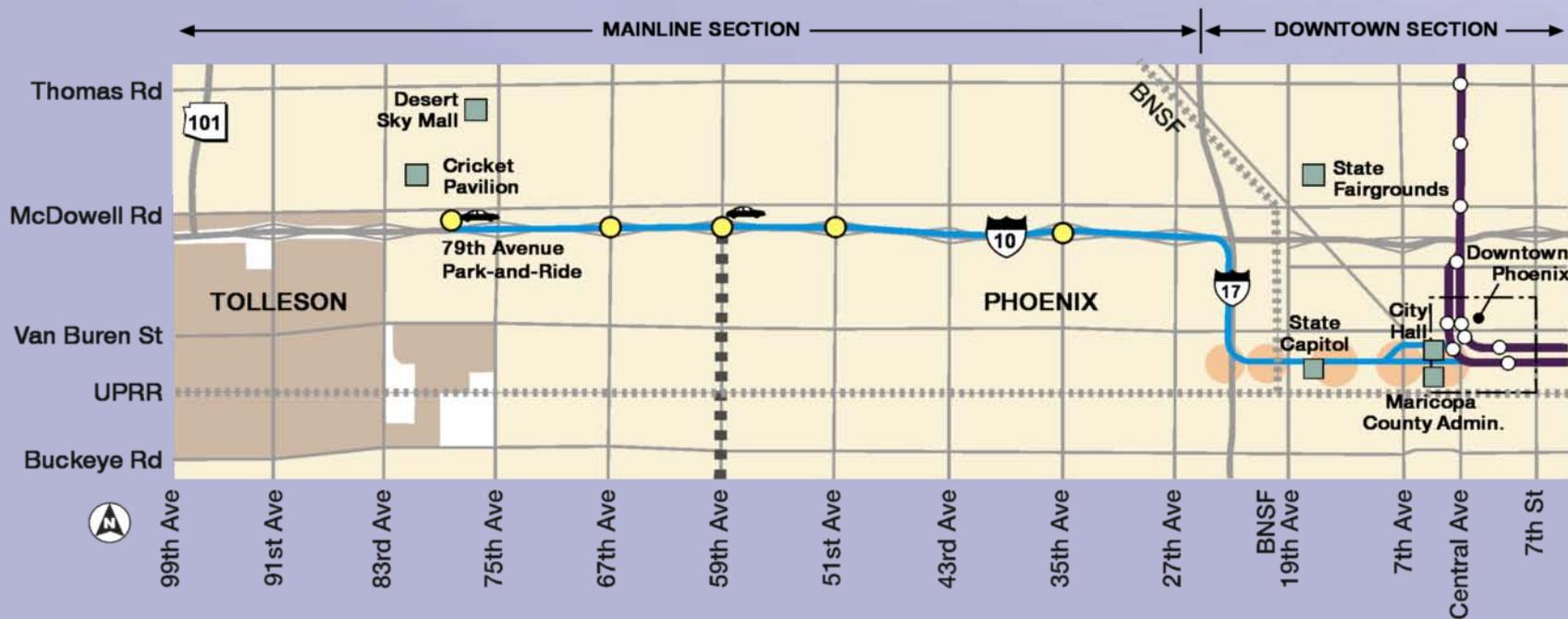
LEGEND

- Light Rail Line/Station
- Preliminary Station Areas
- Bridge

- ◆ Early Action Street Reinforcement at CityScope
- ▨ Grade Separation (Overpass or underpass reviewed further in NEPA process)
- ▨ St. Matthew's Neighborhood
- ▨ Oakland Historic District
- ▨ Murphy Neighborhood



Alignment Recommendation

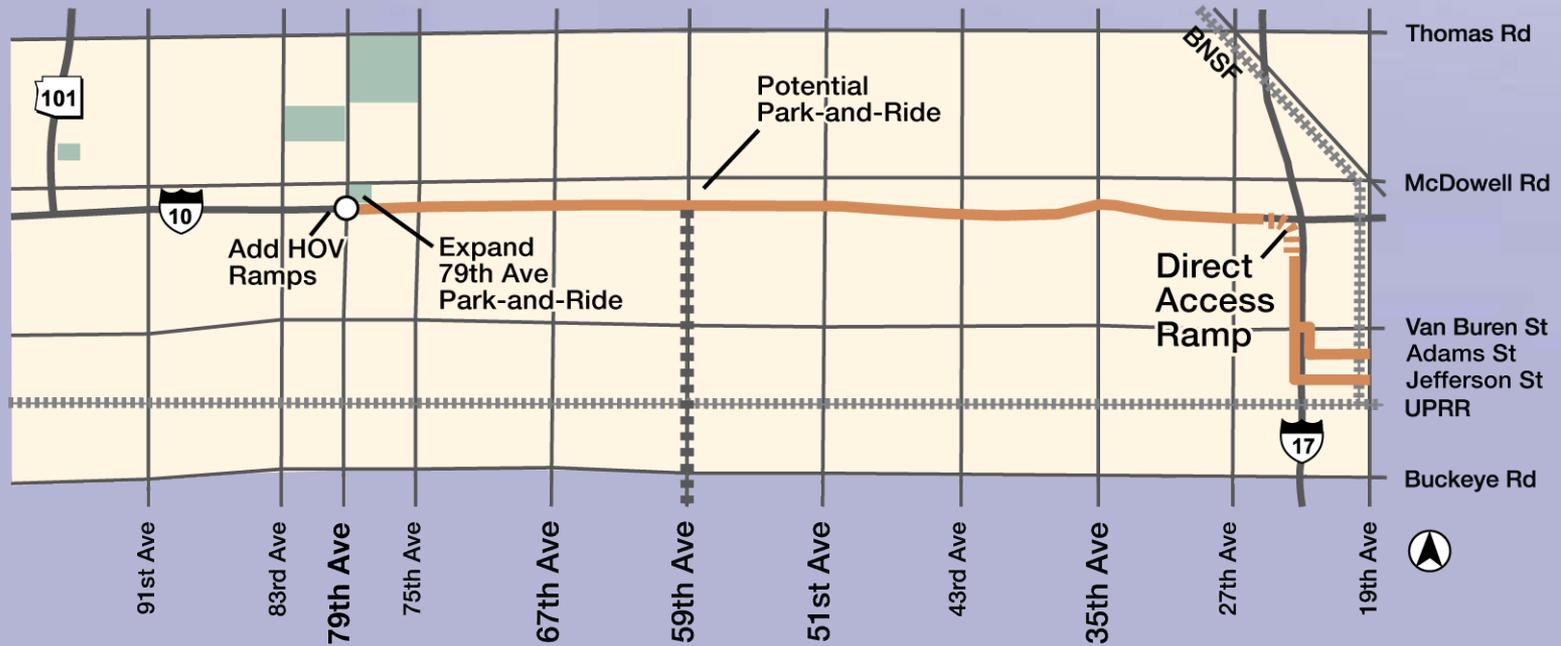


LEGEND

- METRO Light Rail Line / Station
- Activity Center
- Proposed South Mountain Freeway
- Park-and-Ride
- Preferred LRT Alignment
- Preliminary Station Site
- Station Target Area
- City of Phoenix
- City of Tolleson
- Unincorporated Maricopa County



Recommendations for Other Project Elements

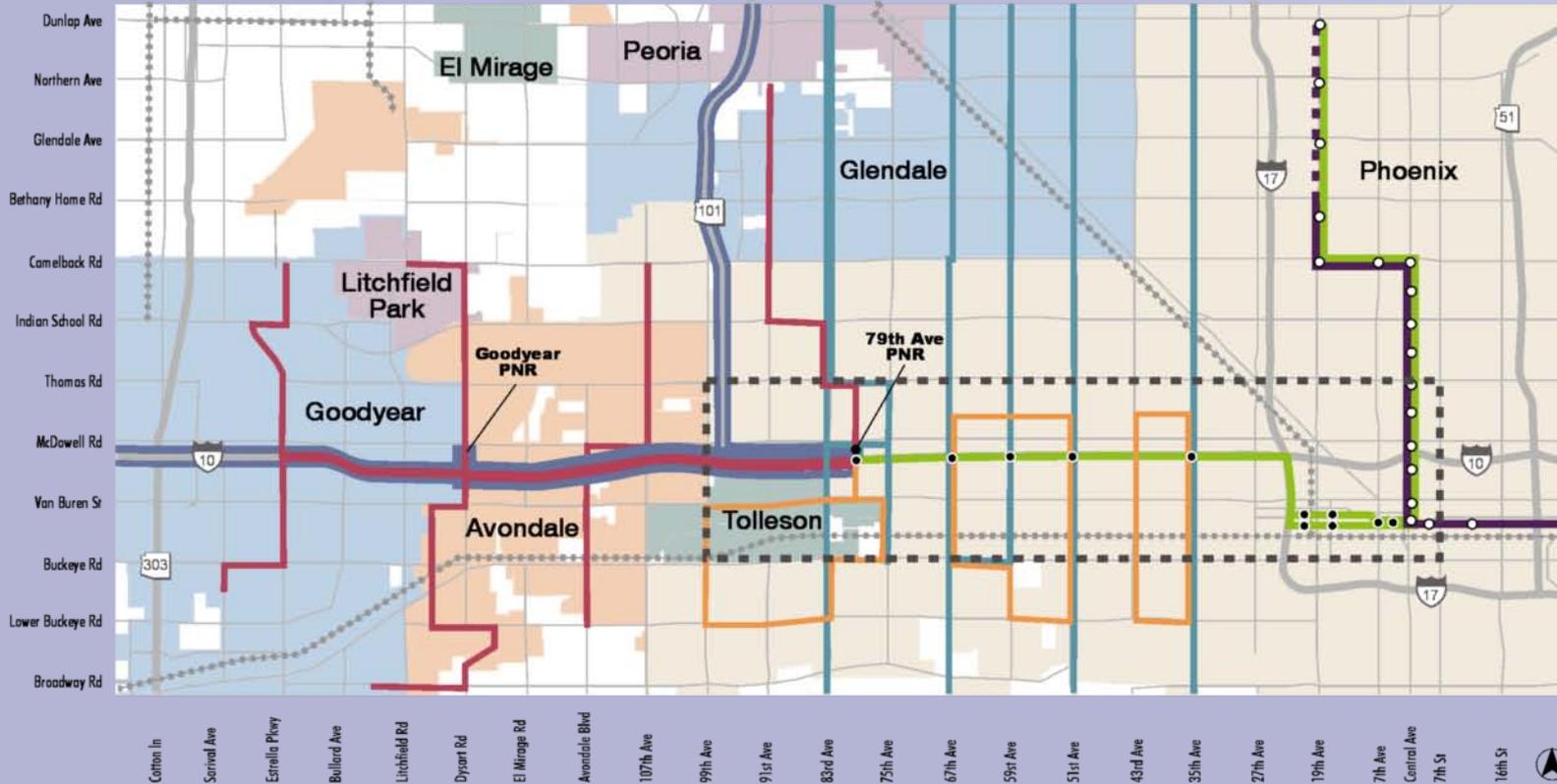


LEGEND

- Express/RAPID Route on HOV
- Existing Station/Expanded Park-and-Ride
- Proposed South Mountain Freeway
- Direct Access Ramp to I-17 Southbound Frontage Road
- Activity Center
- Railroad



Recommendations for Related Transit Improvements



LEGEND

- Existing Light Rail Line with Additional Service
- I-10 West Study Area
- Railroad
- Existing Express Bus Routes (Peak Only)
- Existing Local Bus Routes
- Proposed LRT Route / Station
- Proposed Neighborhood Circulator
- Proposed Feeder Route



Next Steps

- Commission/Committees..... Ongoing
 - Citizens Transit Commission – Approved (1/6/11)
 - Central City VPC – Approved (1/10/11)
 - Maryvale VPC – Approved (1/11/11)
 - Estrella VPC – Approved (1/18/11)
 - Planning Commission – Approved (1/9/11)
- Neighborhood Meetings.....Ongoing
- Public Meeting..... March 2011
- City Council Action.....April 2011
- MAG Regional Council Action.....May 2011
- Environmental Impact Statement.....Summer 2011



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METRO