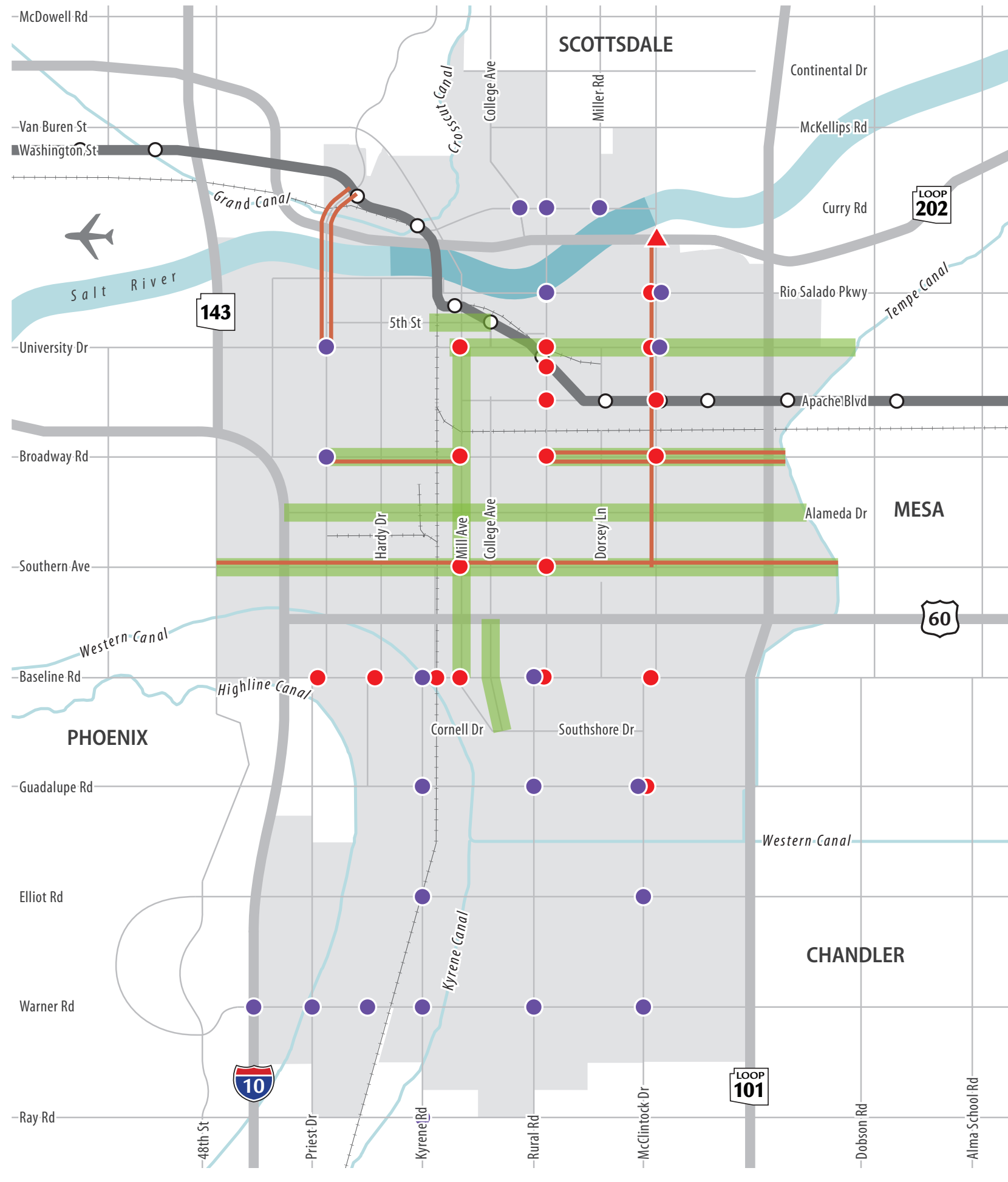


RECOMMENDED ROADWAY IMPROVEMENTS 2020



- Improvement**
- Freeway
 - Light rail
 - Street
 - River
 - Canal
 - Lane reduction (shown on side of street proposed)
 - Intersection safety improvement
 - ▲ Capacity improvement
 - Bike lane improvement at intersection
 - Streetscape

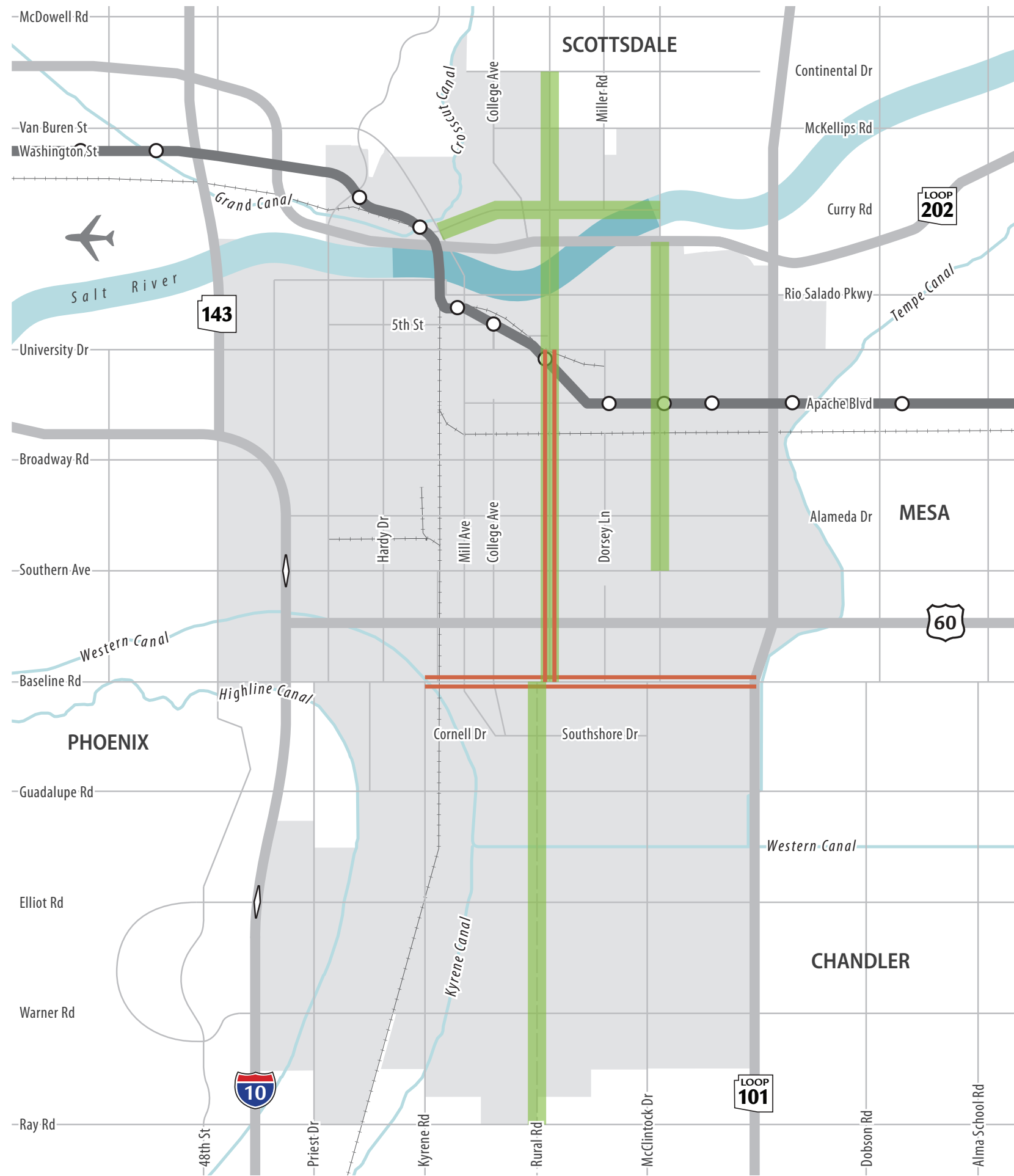
Source: City of Tempe, HDR 2014

PROJECT	TYPE	DESCRIPTION
Roadway Segment		
Curry	Bicycle	Add buffered bicycle lanes or protected bicycle lane
Curry	Bicycle	Add bicycle lanes
5th St	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape, parking)
University	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
University	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
Broadway	Lane reduction	Lane reduction (eliminate one EB lane)
	Bicycle	Add bicycle lanes
	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	Lane reduction	Lane reduction (eliminate one EB lane and WB lane)
	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
Alameda	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	Lane reduction	Lane reduction (eliminate one WB lane)
	Bicycle	Add buffered bicycle lanes or protected bicycle lane
Southern	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	Lane reduction	Lane reduction (eliminate one NB and SB lane)
	Bicycle	Add buffered bicycle lanes or protected bicycle lane
Priest	Lane reduction	Lane reduction (eliminate one NB and SB lane)
	Bicycle	Add buffered bicycle lanes or protected bicycle lane
	Lane reduction	Lane reduction (eliminate one NB and SB lane)
	Bicycle	Add buffered bicycle lanes or protected bicycle lane
Mill	Bicycle	Add bicycle lanes
	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
College	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
McClintock	Roadway	Lane reduction (eliminate one SB lane)
	Bicycle	Add bicycle lanes

PROJECT	TYPE	DESCRIPTION	PROJECT	TYPE	DESCRIPTION
Intersection			Intersection		
Rio Salado/Ash	Safety	Intersection improvements	Warner/I-10	Bicycle	Complete bicycle lane
Rural/University	Safety	Safety improvements	Warner/Priest	Bicycle	Complete bicycle lane
Rural/Terrace	Safety	Safety improvements	Warner/Hardy	Bicycle	Complete bicycle lane
Rural/Apache	Safety	Safety improvements	Warner/Kyrene	Bicycle	Complete bicycle lane
Rural/Broadway	Safety	Safety improvements	Warner/Rural	Bicycle	Complete bicycle lane
Rural/Southern	Safety	Safety improvements	Warner/McClintock	Bicycle	Complete bicycle lane
McClintock/University	Safety	Safety improvements	Priest/University	Bicycle	Complete bicycle lane
McClintock/Apache	Safety	Safety improvements	Priest/Broadway	Bicycle	Complete bicycle lane
McClintock/Broadway	Safety	Safety improvements	College/Curry	Bicycle	Complete bicycle lane
McClintock/Guadalupe	Safety	Safety improvements	Kyrene/Baseline	Bicycle	Complete bicycle lane
McClintock/Loop 202	Capacity increase	Add second NB left turn lane	Kyrene/Guadalupe	Bicycle	Complete bicycle lane
Curry/Rural	Bicycle	Complete bicycle lane	Kyrene/Elliot	Bicycle	Complete bicycle lane
Curry/Miller	Bicycle	Complete bicycle lane	Kyrene/Ray	Bicycle	Complete bicycle lane
Rio Salado/Rural	Bicycle	Complete bicycle lane	Rural/Baseline	Bicycle	Complete bicycle lane
Rio Salado/McClintock	Bicycle	Complete bicycle lane	McClintock/Guadalupe	Bicycle	Complete bicycle lane
University/McClintock	Bicycle	Complete bicycle lane	McClintock/Elliot	Bicycle	Complete bicycle lane
Guadalupe/Kyrene	Bicycle	Complete bicycle lane	McClintock/Warner	Bicycle	Complete bicycle lane
Guadalupe/Rural	Bicycle	Complete bicycle lane			
Guadalupe/McClintock	Bicycle	Complete bicycle lane			



RECOMMENDED ROADWAY IMPROVEMENTS 2040



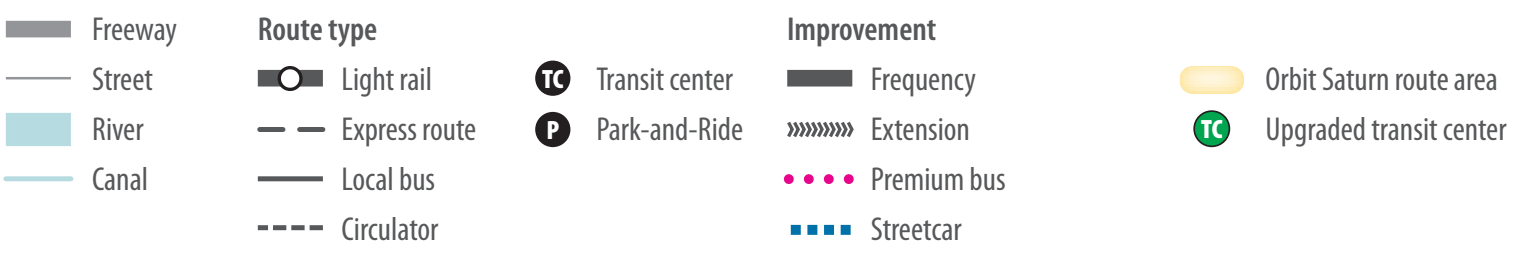
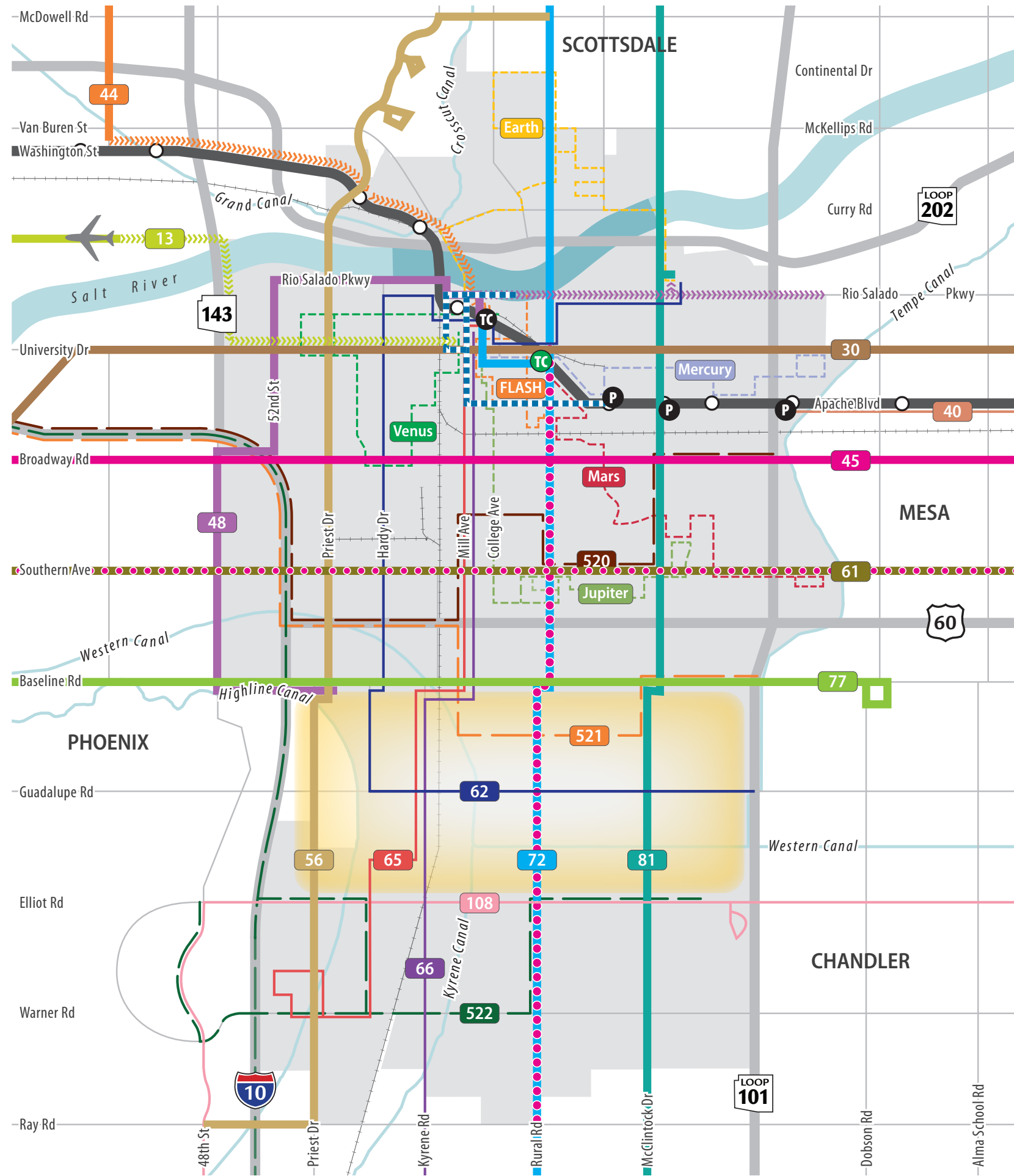
- Freeway
- Light rail
- Street
- River
- Canal
- Lane reduction (shown on side of street proposed)
- HOV access ramps
- Streetscape

Source: City of Tempe, HDR 2014

PROJECT		TYPE	DESCRIPTION
Roadway Segment			
Curry	Mill – McClintock	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
Baseline	Kyrene – Loop 101	Lane reduction	Lane reduction (eliminate one EB and WB lane)
	Kyrene – Loop 101	Bicycle	Add buffered bicycle lanes or protected bicycle lane
Scottsdale	Continental – Tempe Town Lake	Bicycle	Add bicycle lanes
	Continental – Tempe Town Lake	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
Rural	Tempe Town Lake – University	Bicycle	Add bicycle lanes
	Tempe Town Lake – University	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	University – Baseline	Lane reduction	Lane reduction (eliminate one NB and SB lane)
	University – Baseline	Bicycle	Add bicycle lanes
	University – Baseline	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	Baseline – Ray	Bicycle	Add bicycle lanes
	Baseline – Ray	Streetscape	Streetscape (pedestrian, bicycle, transit, landscape)
	McClintock	Loop 202 – Southern	Streetscape
Loop 101 Frontage Roads	Loop 202 – US 60	Bicycle	Add protected bicycle lane
UPRR	@ Rural	Grade-separated crossing	Rural grade separated
I-10		HOV direct access	HOV direct access from reconfigured I-10



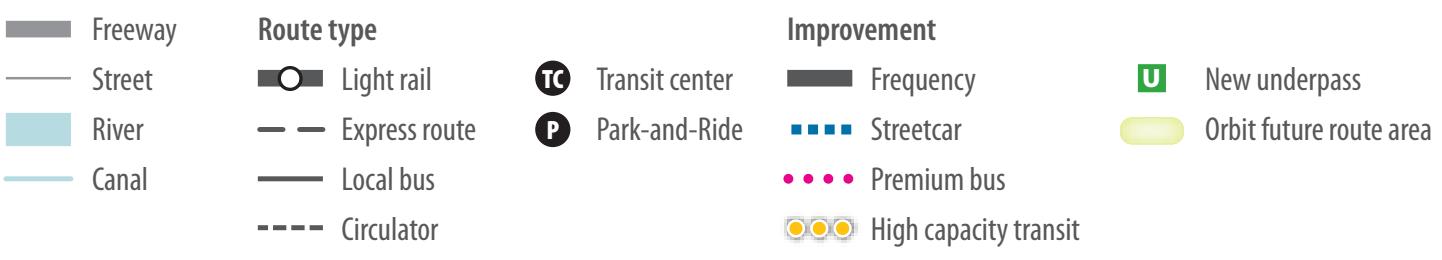
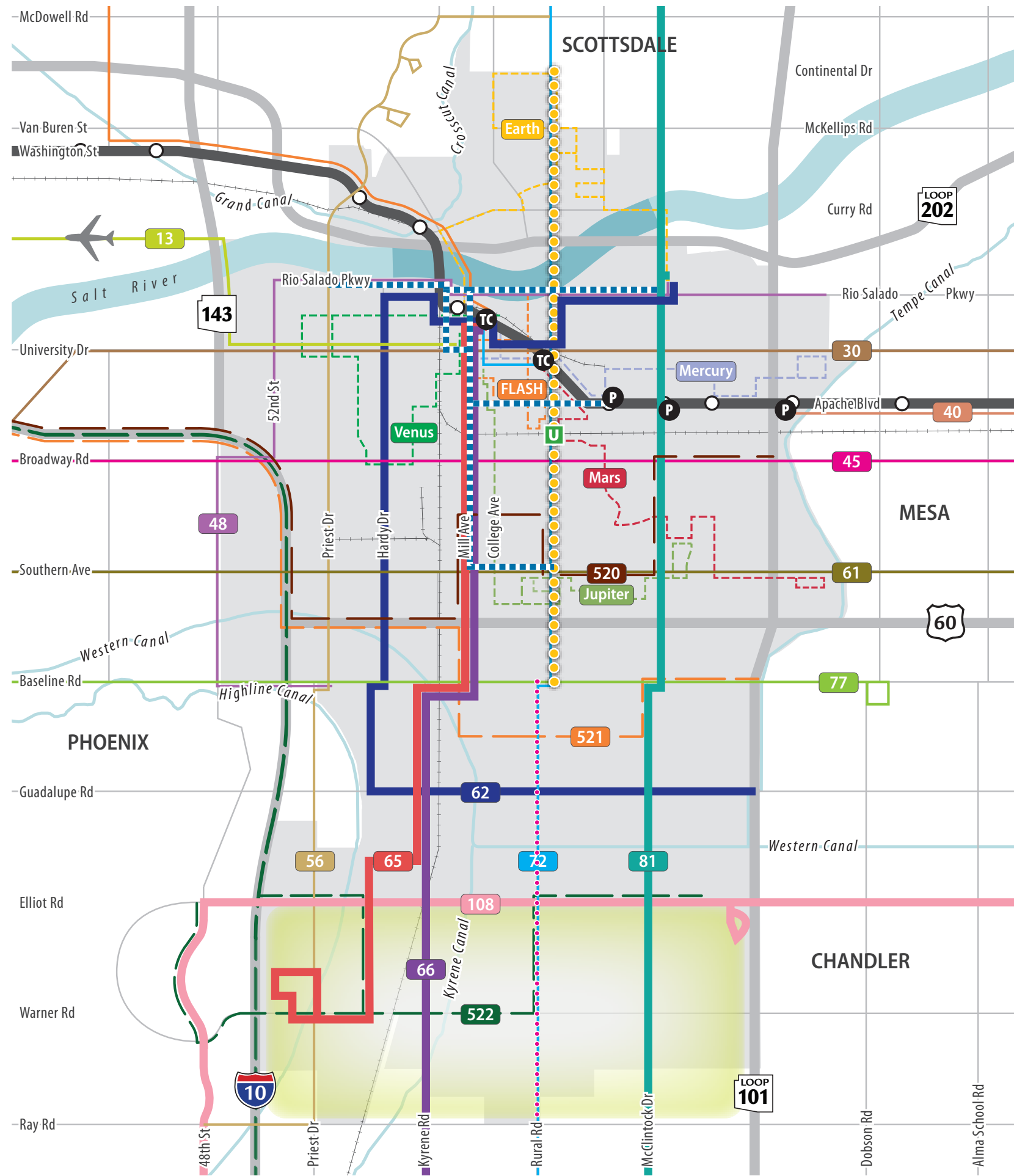
RECOMMENDED TRANSIT IMPROVEMENTS 2020



Source: City of Tempe, HDR 2014

PROJECT	TYPE	DESCRIPTION
High Capacity Transit		
Tempe Streetcar Starter	Streetcar	Rio Salado, Mill/Ash, and Apache (adopted LPA)
Rural	Premium Bus	University/Rural TC to Tempe/Chandler border
Southern	Premium Bus	Tempe/Phoenix border to Tempe/Mesa border
Local Bus		
30	University	Increase frequency 30 min Sun
45	Broadway	Increase frequency 10 min weekday peak
48	48th St/Rio Salado	Increase frequency 15 min weekday peak
	48th St/Rio Salado	Extend route Connect with Route 96
56	Priest	Increase frequency 10 min weekday peak
61	Southern	Increase frequency 10 min weekday peak
65	Mill/Kyrene	Increase frequency 30 min Sat/Sun
66	Mill/Kyrene	Increase frequency 30 min Sat/Sun
72	Scottsdale/Rural	Increase frequency 10 min weekday peak/day
	Scottsdale/Rural	Increase frequency 20 min Sat/Sun
77	Baseline	Increase frequency 15 min weekday peak
81	Hayden/McClintock	Increase frequency 30 min Sat/Sun
108	Elliot	Increase frequency 30 min Sat/Sun
Circulator		
Orbit	Saturn	Circulator Match Orbit frequency
Transit Facility		
Transit Center	Rural/University	Upgrade facility Add two-way access to/from Rural Road

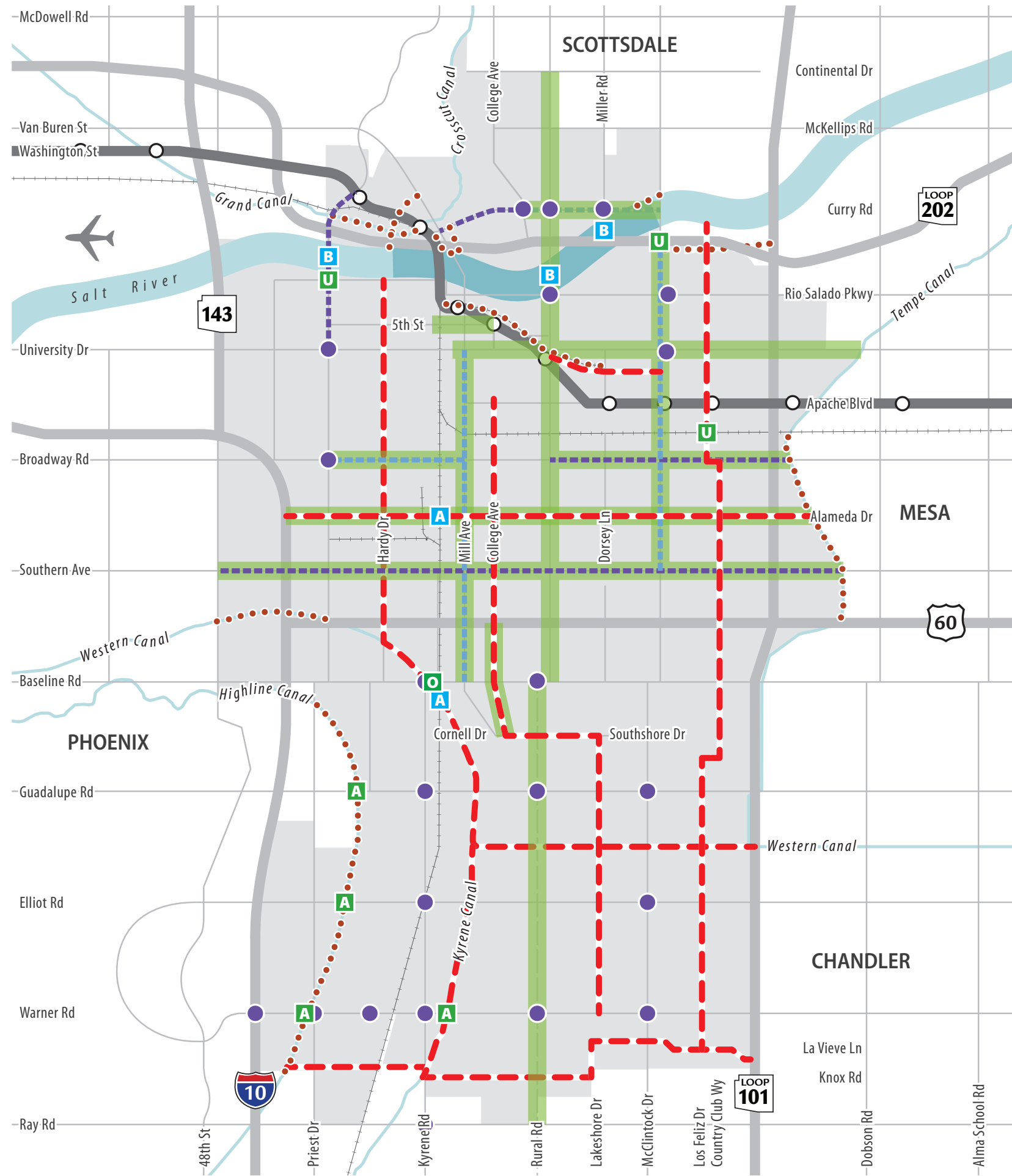
RECOMMENDED TRANSIT IMPROVEMENTS 2040



Source: City of Tempe, HDR 2014

PROJECT	TYPE	DESCRIPTION
High Capacity Transit		
Tempe Streetcar System		
HCT Rural	Streetcar	System Plan
HCT Rural/Scottsdale	HCT	University/Rural TC to Baseline Road
HCT Rural/Scottsdale	HCT	University/Rural TC to Tempe/Scottsdale border
Local Bus		
62	Hardy/Guadalupe	Increase frequency 15 min weekday peak
65	Mill/Kyrene	Increase frequency 20 min weekday peak
66	Mill/Kyrene	Increase frequency 20 min weekday peak
81	Hayden/McClintock	Increase frequency 10 min weekday peak
108	Elliot	Increase frequency 15 min weekday peak
Circulator		
Orbit	South Tempe 2	Circulator Match Orbit frequency
Transit Facility		
Transit Center	South Tempe (or P&R)	New facility TBD

RECOMMENDED BICYCLE/PEDESTRIAN IMPROVEMENTS 2020

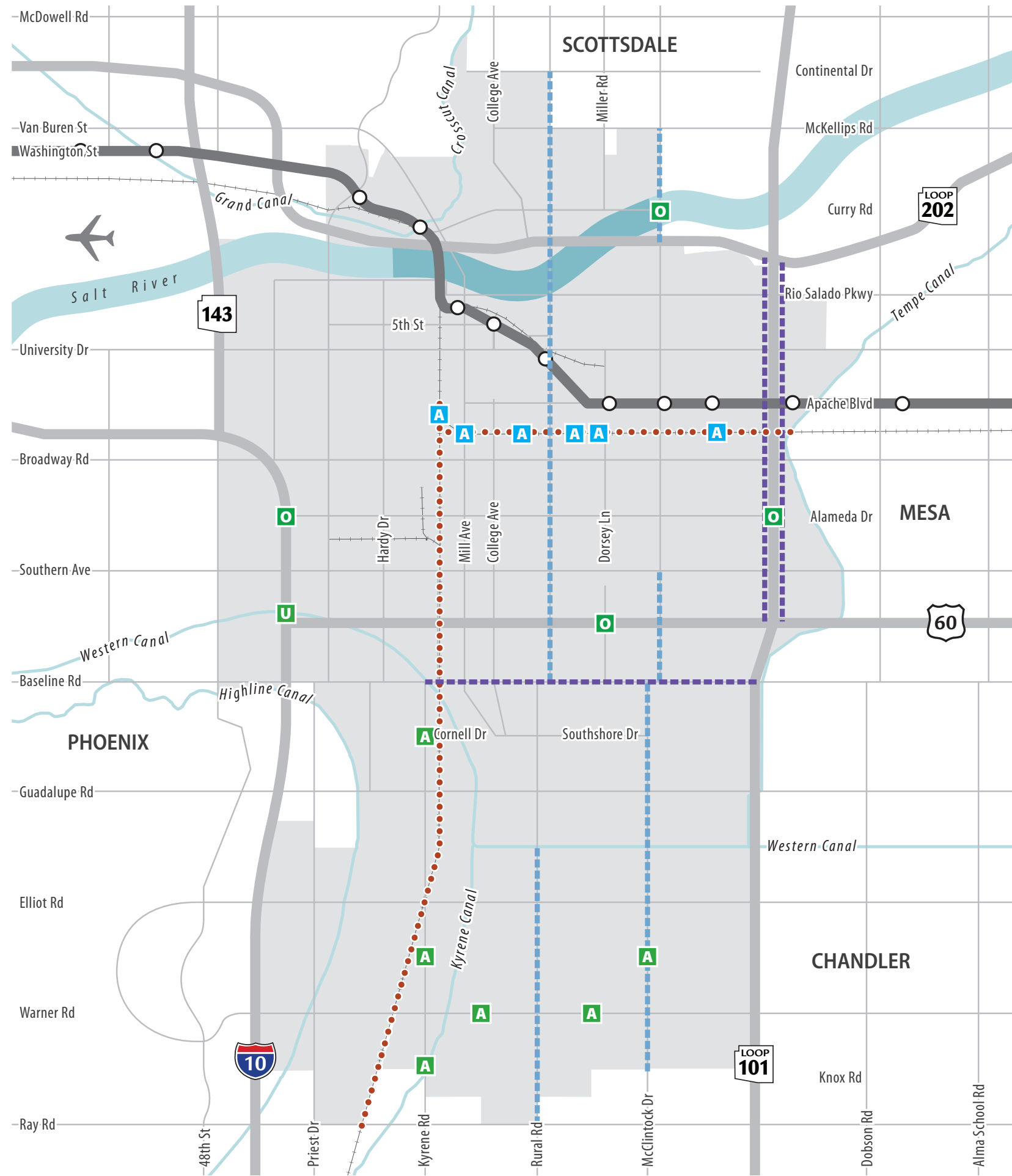


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|------------|---------------------------------|---------------|---------------------------------------|-------------------------|
| Freeway | Improvement | | | |
| Light rail | Bike lane | Multiuse path | Bike lane improvement at intersection | A New at-grade crossing |
| Street | Buffered or protected bike lane | Streetscape | Improved at-grade crossing | U New underpass |
| River | Bike boulevard | | B Improved bridge crossing | O New overpass |
| Canal | | | | |

Source: City of Tempe, HDR 2014

PROJECT	TYPE	DESCRIPTION	
Bicycle Boulevard			
8th St	BIKEIT bicycle boulevard	Pavement markings, signage, traffic management, crossings, landscaping, branding	
Alameda	BIKEIT bicycle boulevard	Pavement markings, signage, traffic management, crossings, landscaping, branding	
Hardy/Western Canal/Kyrene Canal	BIKEIT bicycle boulevard	Pavement markings, signage, traffic management, crossings, landscaping, branding	
College/Lakeshore	BIKEIT bicycle boulevard	Pavement markings, signage, traffic management, crossings, landscaping, branding	
Knox and TBD	BIKEIT bicycle boulevard	Pavement markings, signage, traffic management, crossings, landscaping, branding	
Bicycle/Pedestrian Crossing			
UPRR	@ Alameda	At-grade crossing	Upgraded at-grade crossing
	@ Western Canal	At-grade crossing	Upgraded at-grade crossing
Highline Canal	@ Guadalupe	At-grade crossing	Mid-block crossing
	@ Elliot	At-grade crossing	Mid-block crossing
	@ Warner	At-grade crossing	Mid-block crossing
Kyrene Canal	@ Warner	At-grade crossing	Mid-block crossing/HAWK
Rio Salado (South)	@ Priest	Grade separated crossing	Underpass
	@ McClintock	Grade separated crossing	Underpass
Baseline	@ Western Canal	Grade separated crossing	Overpass or underpass
Priest	@ Salt River	Improved crossing	Modified bridge structure
Rural	@ Tempe Town Lake	Improved crossing	Modified bridge structure
McClintock	@ Tempe Town Lake	Improved crossing	Modified bridge structure
Multiuse Path			
Grand Canal	Center/Priest – Tempe/Phoenix border	Canal	0.75 mile multiuse path
Tempe Canal	UPRR – US 60	Canal	1.5 mile multiuse path
Highline Canal	Knox – Baseline	Canal	4 mile multiuse path
Western Canal	I-10 – 48th	Canal	0.5 mile multiuse path
Rio Salado (South)	Tempe – Mesa – ADOT	Rio Salado	2 mile multiuse path
Rio Salado (North)	Indian Bend Wash – McClintock	Rio Salado	0.5 mile multiuse path
8th St and Creamery Branch RR		Railroad	Multiuse path and streetscape
Center Parkway	Van Buren – Rio Salado (N)	Roadway/Rio Salado	Roadway/bicycle lanes/multiuse path
Lake View	Curry – Washington	Rio Salado	Sidewalks

RECOMMENDED BICYCLE/PEDESTRIAN IMPROVEMENTS 2040

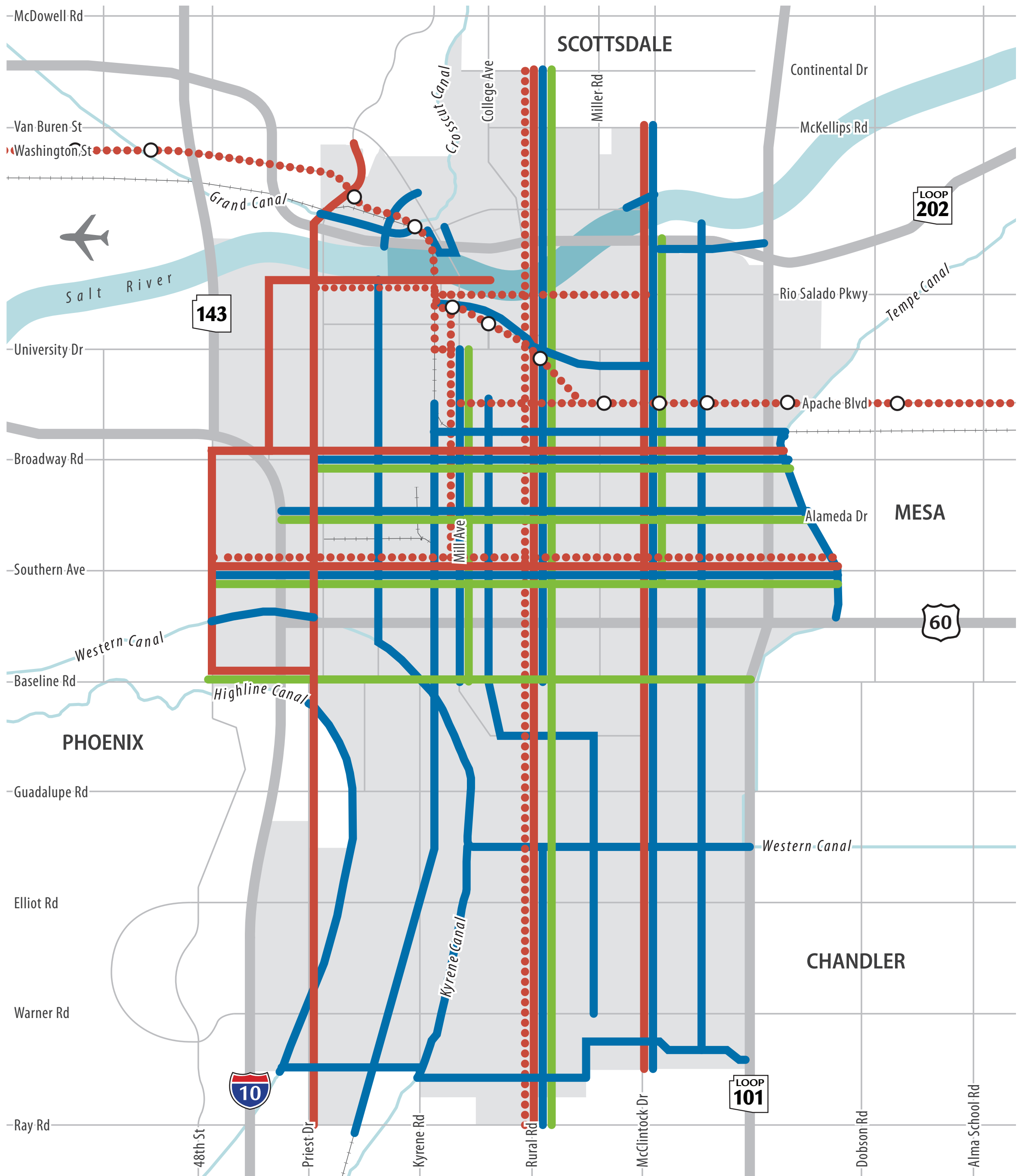


- Freeway
- Light rail
- Street
- River
- Canal
- Bike lane
- Buffered or protected bike lane
- Multiuse path
- Improved at-grade crossing
- New at-grade crossing
- New underpass
- New overpass

Source: City of Tempe, HDR 2014

PROJECT		TYPE	DESCRIPTION
Bicycle/Pedestrian Crossing			
UPRR	@ Mill	At-grade crossing	Upgraded at-grade crossing
	@ McAllister	At-grade crossing	Upgraded at-grade crossing
	@ Bonarden	At-grade crossing	Upgraded at-grade crossing
	@ Kenneth	At-grade crossing	Upgraded at-grade crossing
	@ Country Club	At-grade crossing	Upgraded at-grade crossing
	@ Tempe Canal	At-grade crossing	Upgraded at-grade crossing
	@ Rural	Grade separated crossing	Rural grade separation as part of Rural HCT
	Rio Salado Upstream Dam	Grade separated crossing	Bridge structure
Alameda	@ I-10	Grade separated crossing	Overpass
Alameda/Balboa	@ Loop 101	Grade separated crossing	Overpass
US 60	@ Dorsey	Grade separated crossing	Overpass
Western Canal	@ I-10	Grade separated crossing	Underpass
Kyrene	Baseline – Guadalupe	At-grade crossing	Mid-block crossing
	Elliot – Warner	At-grade crossing	Mid-block crossing
	Warner – Ray	At-grade crossing	Mid-block crossing
McClintock	Elliot – Warner	At-grade crossing	Mid-block crossing
Warner	Kyrene – Rural	At-grade crossing	Mid-block crossing
	Rural – McClintock	At-grade crossing	Mid-block crossing
Multiuse Path			
UPRR	Mainline right-of-way	Railroad	Multiuse path
	North/south right-of-way	Railroad	Multiuse path

PRIORITY CORRIDORS 2040



- | | | |
|--|---------|--|
| | Freeway | Priority Corridor |
| | Street | Bus |
| | River | HCT (premium bus, streetcar, light rail) |
| | Canal | Bicycle/pedestrian |
| | | Streetscape (bicycle, pedestrian, transit, and/or landscape) |

Source: City of Tempe, HDR 2014