



Camelback Road Corridor Update Loop 303 to Litchfield Road

FEBRUARY 22, 2021

Camelback Road



PROJECT BACKGROUND

- Planning Level Study of Camelback Rd
 - Between Loop 303 to Litchfield Rd
 - 3.5 Mile Corridor
- Goal of Study:
 - Define levels of access needed to support the surrounding developments for a safe and efficient corridor.

- Project Stakeholders



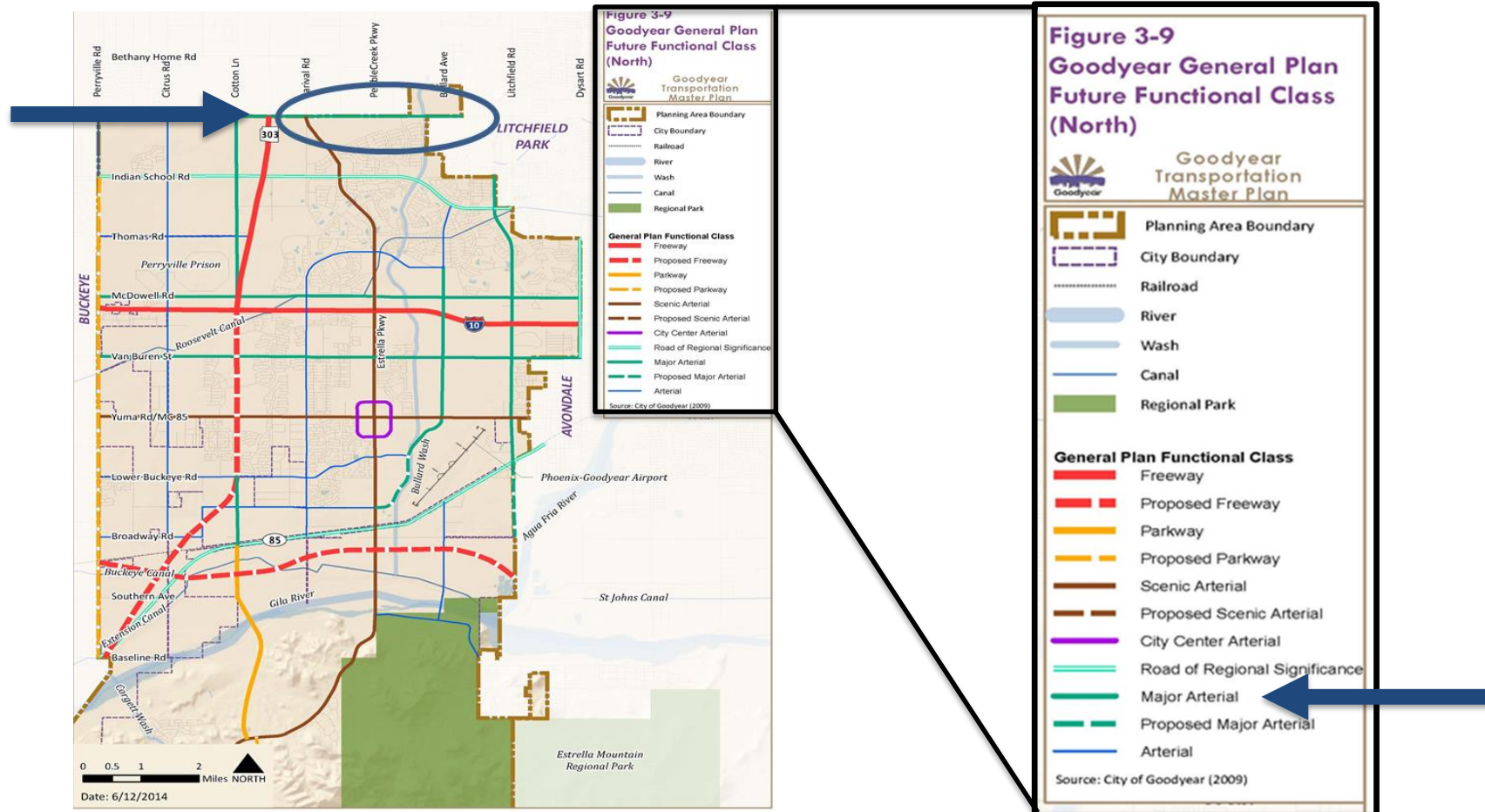
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North

Camelback Road



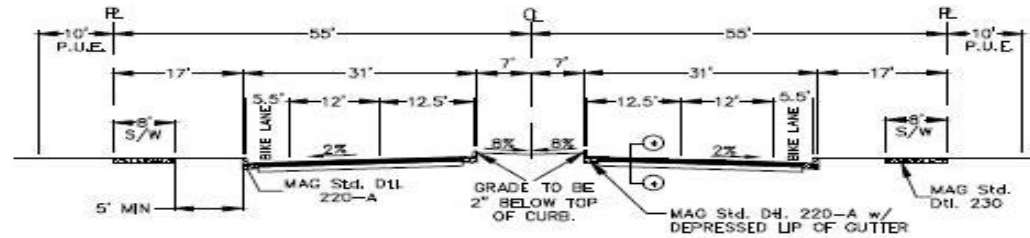
MASTER PLAN



Camelback Road



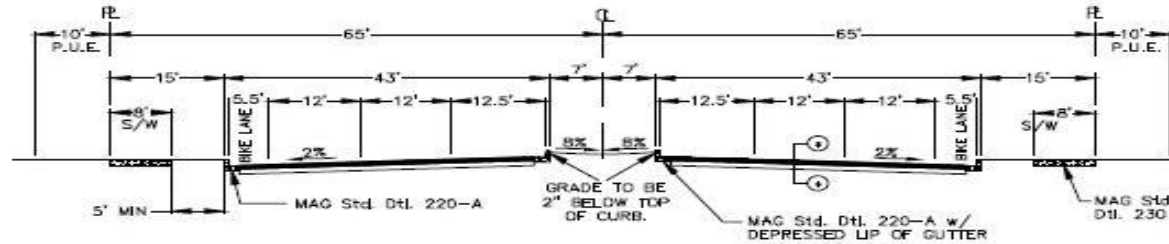
ARTERIAL STREET CROSS SECTIONS



MINOR ARTERIAL STREET

NOTES:

1. PAVING DIMENSIONS ARE MEASURED TO THE BACK OF CURB.
2. STRIPING DIMENSIONS ARE MEASURED TO THE FACE OF CURB.



MAJOR ARTERIAL STREET

Examples:
Van Buren St.: Loop 303 to Estrella Parkway
Bullard Ave : Estrella Parkway to Yuma St

Examples:
McDowell Rd – Loop 303 to Bullard Ave
Indian School Rd – Loop 303 to Bullard Ave

* SEE CITY Std. Dtl. G-3216 FOR PAVEMENT STRUCTURAL SECTION

DETAIL NO.
G-3122

CITY OF GOODYEAR
STANDARD DETAIL

APPROVED:08/17

ARTERIAL STREET CROSS SECTIONS

DETAIL NO.
G-3122

Camelback Road



TRAFFIC ANALYSIS : 2020 ANNUAL DAILY TRIPS (ADT) AND FUTURE TRAFFIC VOLUMES

Type:	West End*	East End**
Existing Traffic Volumes (Collected)	13,837	17,090
Summer & Covid 19 Adjustment	16,605	22,213
Future Trip Generation	46,284	39,241***

* Camelback Rd. between SR303 and Sarival Avenue

** Camelback Rd. between Denny Boulevard and Litchfield Road

*** Comparable street: Estrella Parkway between Van Buren Street and I-10

Excerpt from Table 2.1 of
MCDOT Roadway Design Manual

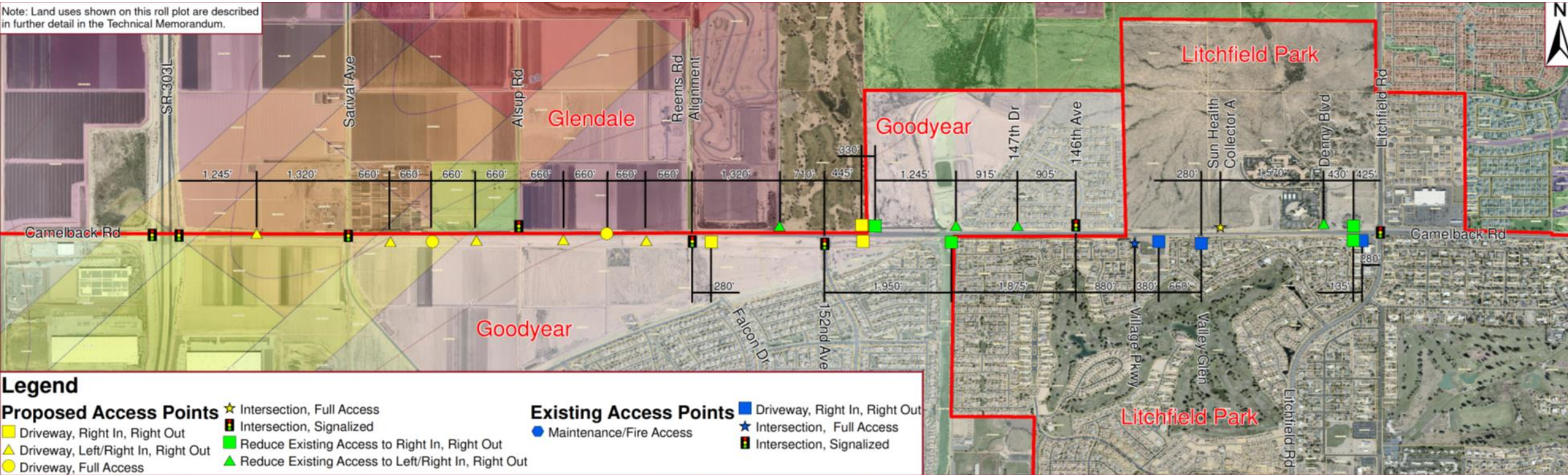
Urban Roadway Planning Level Traffic				
ROAD CLASSIFICATION	NO. OF THRU LANES	MEDIAN TYPE	MAXIMUM ADT	PEAK HOUR / ADT % (K)
Principal Arterial	2	Undivided	15,000	8
	2	Divided	15,900	
	4	Divided	36,300	
	6	Divided	54,800	

Camelback Road



ACCESS MANAGEMENT PLAN – PROPOSED ACCESS POINTS

Note: Land uses shown on this roll plot are described in further detail in the Technical Memorandum.



Legend

Proposed Access Points

- Yellow square: Driveway, Right In, Right Out
- Yellow triangle: Driveway, Left/Right In, Right Out
- Yellow circle: Driveway, Full Access
- Yellow star: Intersection, Full Access
- Black square with red border: Intersection, Signalized
- Green square: Reduce Existing Access to Right In, Right Out
- Green triangle: Reduce Existing Access to Left/Right In, Right Out

Existing Access Points

- Blue circle: Maintenance/Fire Access
- Blue square: Driveway, Right In, Right Out
- Blue star: Intersection, Full Access
- Black square with red border: Intersection, Signalized

Camelback Road



OUT REACH

Meetings:

August – December 2020 – Monthly progress meetings with municipal stakeholders

December 2020 – Group meeting with Mayors

January 2021 – Group meeting with Developers

Camelback Road



PRELIMINARY ENGINEERING COST ESTIMATE AND SCHEDULE

Approximate Cost of widening and duration of Camelback Road between SR 303 and Litchfield Road	\$56.0 million
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	Design Engineering (Approximately 24 months)	\$ 3.0 million
	Right-of-Way & Easement Costs (Approximately 15 months)	\$20.4 million
	Construction, Construction Admin. Cost and Permitting Fees (Approximately 24 months)	\$32.6 million

Camelback Road



CHALLENGES

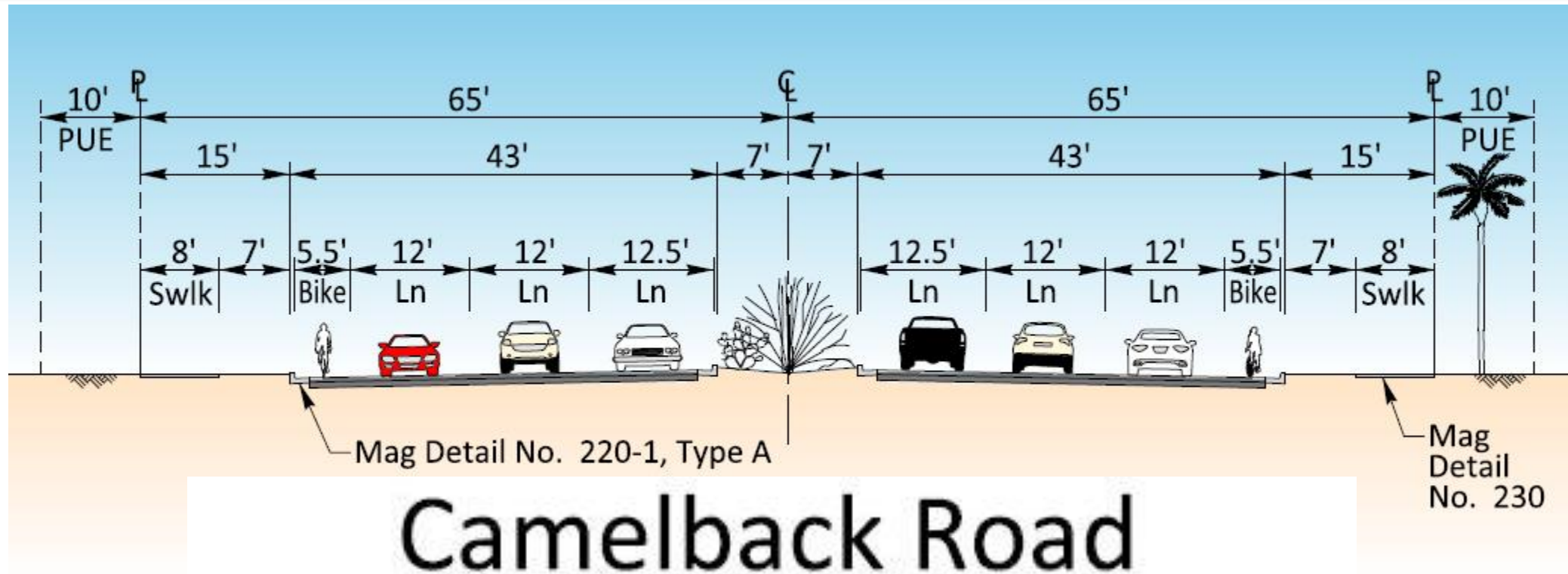
Project Challenges:

- Interagency coordination
- Drainage along corridor
- Irrigation ditch along north side
- Utility relocations
- Land acquisition process

Camelback Road



ARTERIAL STREET CROSS SECTIONS



Camelback Road Typical Section

6 lane section – Litchfield Park prefers 4 lane section

QUESTIONS



CAMELBACK ROAD AT LOOP 303 – LOOKING EAST

