

FY 2021 FLCP



FREEWAY LIFE CYCLE PROGRAM (FLCP)

September 30, 2020

Freeway Life Cycle Program

FISCAL YEAR 2021 - September 30, 2020

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Freeway Program Overview

The Freeway Life Cycle Program (FLCP) is the management tool for implementation of the freeway and highway projects identified in the MAG Regional Transportation Plan (RTP). The program is maintained by the Arizona Department of Transportation (ADOT) and implements the priorities established by the RTP. The program utilizes funding from the Proposition 400 half-cent sales tax as well as from state and federal revenue sources.

The FLCP document was created to provide information for each project remaining in the program to be delivered, including location, scope of project, project timeline and current status, delivery method, and programmed funding. The funded fiscal year (FY) is from July 1st to June 30th (i.e., FY 2021: July 2020 - June 2021). The project timeline is shown by calendar year.

FREEWAY LIFE CYCLE PROGRAM - STATUTORY REQUIREMENTS

Arizona Revised Statute 28-6352(B) states that a budget process shall be adopted that ensures the estimated cost of the transportation mode does not exceed the total amount of revenues estimated to be available for that mode. If a local authority requests an enhancement to a transportation project funded pursuant to the RTP, the local authority shall pay all costs associated with the enhancement.

Arizona Revised Statute 28-6353 states that the regional planning agency shall approve any change in the RTP and the projects funded in the RTP that affect MAG's transportation improvement program, including project priorities. In addition, requests for changes to transportation projects funded in the RTP that would materially increase costs shall be submitted by MAG staff to Regional Council for approval.

FREEWAY LIFE CYCLE PROGRAM - HISTORY

On November 25, 2003, the MAG Regional Council approved the RTP, which was the basis for Proposition 400. The original plan included \$9.0 billion (2002\$) of funding allocated to freeway and highway projects, including construction, maintenance, right of way, and neighborhood mitigation. Since the adoption of the original plan, there have been four major program updates.

In 2008, the FLCP experienced a deficit of program funds due to the economic downturn. In October 2009, the MAG Regional Council approved a tentative scenario to balance the FLCP. As part of this effort, project scopes were reevaluated and cost estimates reviewed. This resulted in project cost reductions totaling \$2.4 billion. Also, projects totaling approximately \$4.4 billion were deferred outside the funded Proposition 400 program. This scenario was approved by the MAG Regional Council on July 28, 2010.

Continued economic declines in 2011 led to a further deficit of program funds. On May 23, 2012, the MAG Regional Council approved a rebalancing scenario for the FLCP to address a deficit of approximately \$390 million. The scenario shifted the schedule of the SR-202L/South Mountain Freeway and I-10/Maricopa Freeway projects to improve the program's cash flow, transferred funding from the SR-303L segment between US-60 and I-17 to the SR-303L segment between I-10 and MC-85, and removed \$300 million from the program's budget for the I-17 corridor.

Freeway Program Overview (Continued)

In 2016, it was determined that there was a program surplus in excess of \$1 billion due to project savings and increased revenues. In response, MAG, in collaboration with its partners at ADOT and the Federal Highway Administration, developed a list of projects to be rebalanced back into the program.

On September 27, 2017, the MAG Regional Council approved the rebalance of the FLCP. The rebalance set project budgets, schedules, and open-to-service years for 37 projects to be completed with Proposition 400 funding.

Following the September 27, 2017 rebalance, three material cost change actions were taken through the MAG committee process. Following the last material cost change action, MAG and ADOT initiated a thorough program review. The program review concluded in December 2018. In early 2019, a comprehensive financial update of the program was presented to the MAG policy committees. It was noted that estimated project costs increased by \$1.58 billion over the approved program. As a result of the increase, approximately \$1.23 billion in projects and project scope items required deferment beyond the program's funding horizon. Proposed assumptions and evaluative criteria to rebalance the program were presented and subsequently used to generate a rebalanced program. The rebalanced program was approved by MAG Regional Council on May 22, 2019, contingent on a finding of air quality conformity.

On September 25, 2019, the MAG Regional Council approved the rebalanced FY 2020 FLCP, removing the contingency provision.

Abbreviations/Definitions

Programmed funding is listed by work phase and is expressed in millions and is rounded to the nearest thousand.

Projects programmed in the Freeway Life Cycle Program (FLCP) are listed according to the Regional Transportation Plan (RTP) Corridor.

Acronyms and abbreviations included in the FLCP are listed below and organized by category.

DEFINITIONS

DESCRIPTION	The type of project.
FY OF FUNDING	The Fiscal Year work occurred or will occur on a project/work phase.
INTERIM	A temporary project until the final planned project is constructed.
MAG ID	The unique identifier tied to the project.
OPEN TO TRAFFIC	The calendar year the project is scheduled to be available for public use.
PROGRAMMED FY 16 - FY 26	Programmed project amount within the funded sales-tax horizon of Proposition 400.
PROGRAMMED FY 27	Programmed project amount beyond the funded sales-tax horizon but still a part of Proposition 400.
RTP PROJECT	Regional Transportation Plan named project.
WORK PHASE	A description of the work to be performed. Note, some projects may not include all work phases listed.

FUNDING TYPE ACRONYMS/ABBREVIATIONS

HURF	Highway User Revenue Funds
LOCAL	Local Member Agency Funds
NHPP	National Highway Performance Program
RARF	Regional Area Road Funds
STBGP-MAG	Surface Transportation Block Grant Program (MAG - Region)

FREEWAY/HIGHWAY TYPE ACRONYMS/ABBREVIATIONS

I-10	Interstate 10
I-17	Interstate 17/Black Canyon Freeway
SR-24	State Route 24/Gateway Freeway
SR-30	State Route 30/Tres Rios Freeway

Abbreviations/Definitions (Continued)

SR-85	State Route 85/MC-85
SR-143	State Route 143/Hohokam Expressway
SR-101L	State Route Loop 101
SR-202L	State Route Loop 202
SR-303L	State Route Loop 303/Estrella Freeway
US-60	US Route 60

PROJECT DESCRIPTION ACRONYMS/ABBREVIATIONS

AUX	Auxiliary Lane
GPL	General Purpose Lane
HOV	High Occupancy Vehicle
JPA	Joint Project Agreement
MAINT	Maintenance
NEW	New Freeway Facility
PED BR	Pedestrian Bridge
TI IMP	Traffic Interchange Improvements
TI NEW	New Traffic Interchange

OTHER ACRONYMS/ABBREVIATIONS

ADA	Americans With Disabilities Act
ARAC-FC	Asphalt-Rubber Asphaltic Concrete Friction Course
DHOV	Direct High Occupancy Vehicle
FMS	Freeway Management System
ROW	Right of Way
TI	Traffic Interchange
YOE	Year of Expenditure

ID	RTP Project	Description	Predesign & Environmental	
10-MAR-A	I-10: I-17 Split to SR-202L/Santan	GPL/HOV/PED BR/TI SYSTEM	\$ 37.978	2019-2020
10-MAR-B	I-10: Highline North Pedestrian Bridge	PED BR	--	--
10-MAR-C	I-10: SR-202L/Santan to Riggs Road	GPL/HOV	\$ 1.770	2019-2021
10-MAR-D	I-10: Gila River Indian Community Access Improvements	TI NEW	--	--
10-PAP-A	I-10: SR-85 to Verrado Way	GPL/TI IMP	\$ 2.400	2017
10-PAP-B	I-10: Fairway Drive	TI NEW	--	--
10-PAP-C	I-10: Sky Harbor West Airport Access	TI IMP	\$ 2.500	2022
17-BCF-A	I-17: Central Avenue Bridge	AUX/TI IMP	\$ 0.575	2017-2019
17-BCF-B	I-17: I-10 Split to 19th Avenue	AUX	--	--
17-BCF-D	I-17: Indian School Road	TI IMP	\$ 2.850	2018
17-BCF-E	I-17: Camelback Road	TI IMP	\$ 2.750	2017
17-BCF-F	I-17: Glendale Avenue	TI IMP	\$ 1.371	DEFERRED
17-BCF-G	I-17: Northern Avenue	TI IMP	\$ 1.305	2025
17-BCF-H	I-17: Peoria Avenue to Greenway Road	DRAINAGE	--	--
17-BCF-I	I-17: Thunderbird Road	TI IMP	\$ 3.103	DEFERRED
17-BCF-J	I-17: Bell Road	TI IMP	\$ 4.261	DEFERRED
17-BCF-K	I-17: Pinnacle Peak Road to Happy Valley Road	TI IMP	--	--
17-BCF-L	I-17: Anthem Way to Yavapai County Line	GPL	--	--
101-AGF-A	SR-101L: I-10/Maricopa System Interchange Improvements	TI SYSTEM	\$ 4.856	2022
101-AGF-C	SR-101L: Northern Avenue TI Improvements	TI IMP	--	--
101-AGF-D	SR-101L: US-60/Grand to 75th Avenue	GPL	\$ 3.033	DEFERRED
101-AGF-E	SR-101L: 75th Avenue to I-17/Black Canyon	GPL	\$ 1.654	2019
101-AGF-F	SR-101L: 75th Avenue TI Improvements	TI IMP	--	--
101-PMA-A	SR-101L: I-17/Black Canyon to Pima Road	GPL	--	--
101-PMA-B	SR-101L: Princess Drive to Shea Boulevard	GPL	\$ 0.500	2017
101-PMA-C	SR-101L: Pima Road Extension, JPA	JPA	--	--
101-PRC-A	SR-101L: Baseline Road to SR-202L/Santan	GPL	--	--
101-RDM-A	SR-202L: Broadway Road to Gilbert Road	HOV	\$ 2.675	DEFERRED
202-SMF-A	SR-202L: I-10/Maricopa to I-10/Papago Maintenance	MAINT	--	--
202-STN-A	SR-202L: Lindsay Road	TI NEW	--	--
202-STN-B	SR-202L: Val Vista Drive to SR-101L/Price	GPL	\$ 2.025	2017
202-STN-C	SR-202L: SR-101L/Price to I-10/Maricopa	GPL	--	--
24-GTW-A	SR-24: Ellsworth Road to Ironwood Drive	INTERIM GPL	\$ 0.300	2017
30-TRF-A	SR-30: SR-303L/Estrella to SR-202L/South Mountain	ROW	\$ 4.626	2017-2019
303-EST-A	SR-303L: MC-85 to Van Buren Street	GPL	\$ 0.240	2017
303-EST-B	SR-303L: Northern Avenue to Olive Avenue	TI IMP	\$ 0.154	DEFERRED
303-EST-C	SR-303L: Happy Valley Parkway to Lake Pleasant Parkway	GPL	\$ 0.500	2017
85-RTE-A	SR-85: Warner Street Bridge	TI NEW	--	--
60-GND-A	US-60: Greenway Road to Thompson Ranch Road	TI IMP	--	--
60-GND-B	US-60: 35th Avenue and Indian School Road	TI IMP	\$ 2.214	2020
60-SUP-A	US-60: Crismon Road to Meridian Road	GPL/HOV	--	--
TOTALS			\$ 83.640	

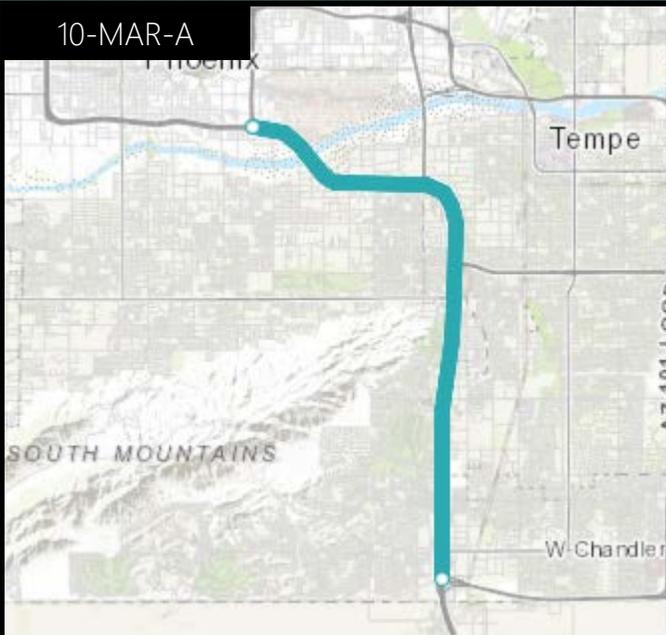
+ Design-Build Procurement Phase

Project with funding in the queued category

Project with funding in the deferred category

Design		Right of Way & Utility		Construction		Total	Open To Traffic
\$ 41.336 +	2019-2020	\$ 61.528	2019-2020	\$ 606.319	2021-2022	\$ 747.161	2024
\$ 1.334	2026	--	--	\$ 13.909	2027	\$ 15.243	2027
\$ 8.511	2021	\$ 3.488	2021	\$ 142.467	2025	\$ 156.236	2027
--	--	--	--	\$ 15.000	2021	\$ 15.000	2024
\$ 9.816	2019-2020	\$ 6.100	2019	\$ 111.274	2021	\$ 129.590	2022
\$ 1.853	2014-2017	\$ 3.895	2015-2020	\$ 27.290	2018	\$ 33.038	2020
\$ 3.000	2023	\$ 9.500	2023	\$ 85.000	2024	\$ 100.000	2026
\$ 2.000	2018	\$ 1.000	2018	\$ 20.444	2020	\$ 24.019	2022
\$ 6.694	2020	\$ 9.615	2020	\$ 83.993	2024	\$ 100.302	2027
\$ 5.000	2018	\$ 6.185	2018-2020	\$ 48.365	2021	\$ 62.400	2023
\$ 5.598	2022	\$ 30.223	2022	\$ 63.055	2024	\$ 101.626	2025
\$ 3.813	DEFERRED	\$ 32.838	DEFERRED	\$ 56.832	DEFERRED	\$ 94.854	2030
\$ 5.321	2026	\$ 25.353	2026	\$ 57.496	2027	\$ 89.475	2029
\$ 1.217	2018	\$ 0.124	2019	\$ 37.074	2019-2020	\$ 38.415	2021
\$ 8.655	DEFERRED	\$ 17.627	DEFERRED	\$ 129.015	DEFERRED	\$ 158.400	2032
\$ 11.363	DEFERRED	\$ 19.423	DEFERRED	\$ 169.370	DEFERRED	\$ 204.417	2034
\$ 4.857	2016-2017	\$ 0.500	2018	\$ 62.500	2018	\$ 67.857	2020
--	--	--	--	\$ 50.000	2021	\$ 50.000	2022
\$ 18.390	2023	\$ 2.063	2023	\$ 207.189	2025	\$ 232.498	2027
--	--	--	--	\$ 10.000	2025	\$ 10.000	2027
\$ 8.433	DEFERRED	\$ 0.704	DEFERRED	\$ 125.686	DEFERRED	\$ 137.856	2030
\$ 7.356	2019	\$ 0.571	2023	\$ 100.101	2024	\$ 109.682	2025
\$ 2.036	2024	\$ 7.661	2024	\$ 22.004	2025	\$ 31.701	2026
\$ 5.800 +	2017	\$ 2.360	2017	\$ 225.500	2019-2020	\$ 233.660	2020
\$ 7.195	2021	\$ 0.525	2021	\$ 81.154	2023	\$ 89.374	2025
\$ 0.297	2024	--	--	\$ 3.634	2025	\$ 3.931	2025
\$ 3.650 +	2018	--	--	\$ 75.914	2019	\$ 79.564	2021
\$ 7.437	DEFERRED	--	--	\$ 110.849	DEFERRED	\$ 120.961	2030
--	--	--	--	\$ 6.072	2020-2026	\$ 6.072	--
\$ 3.236	2019	\$ 0.500	2019	\$ 39.163	2021	\$ 42.899	2022
\$ 14.918	2021	\$ 0.596	2024	\$ 190.704	2026	\$ 208.243	2027
\$ 5.521	DEFERRED	\$ 0.675	DEFERRED	\$ 78.670	DEFERRED	\$ 84.866	2030
\$ 14.786	2018-2021	\$ 94.017	2018-2020	\$ 151.769	2018-2021	\$ 260.872	2022
\$ 0.381	2024	\$ 588.059	2018-2024	\$ 4.970	2025	\$ 598.036	2030
\$ 21.615	2027	\$ 45.956	2022-2025	\$ 321.150	2028	\$ 388.961	2030
\$ 1.658	DEFERRED	\$ 2.564	DEFERRED	\$ 17.158	DEFERRED	\$ 21.534	--
\$ 4.400	2018	--	--	\$ 36.183	2020	\$ 41.083	2022
\$ 0.630	2016-2021	--	--	\$ 5.300	2022	\$ 5.930	2022
--	--	\$ 0.300	2017	\$ 5.700	2018	\$ 6.000	2018
\$ 6.862	2023	\$ 74.496	2023	\$ 106.303	2025	\$ 189.875	2027
\$ 2.796	DEFERRED	\$ 0.704	DEFERRED	\$ 41.673	DEFERRED	\$ 45.173	2030
\$ 257.765		\$ 1,049.150		\$ 3,746.249		\$ 5,136.804	

10-MAR-A



PROJECT

I-10: I-17 Split to SR-202L/Santan



PROJECT STATUS
DESIGN



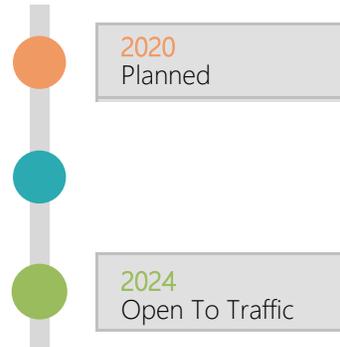
PROJECT LENGTH
11.4 MILES



DELIVERY METHOD
DESIGN-BUILD



APPROVED PROGRAM BUDGET
\$704,176,802 (2020\$)
\$747,160,187 (YOE)



PROJECT SCOPE*

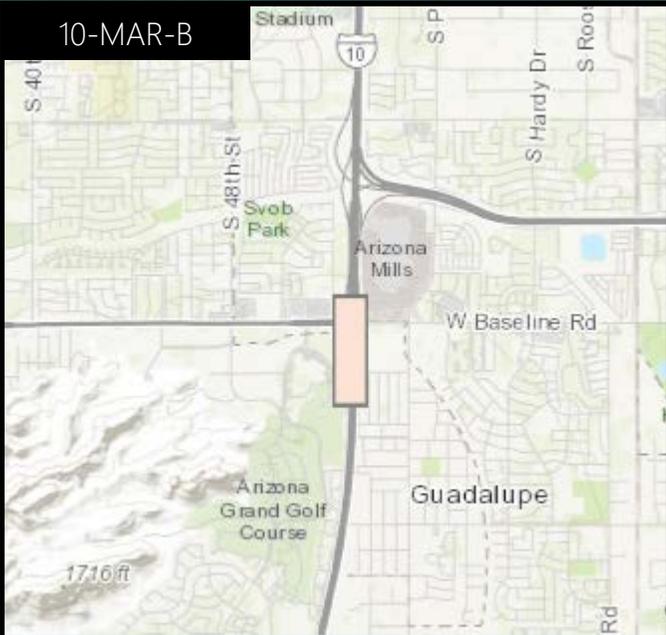
The scope of this project, also known as I-10 Broadway Curve, is to add one general purpose lane in each direction to I-10/Maricopa Freeway from Ray Road to 24th Street, and add one HOV lane from west of US-60 to I-17. The project includes collector-distributor roads between Baseline Road and 40th Street, reconstruction of the Salt River Bridge, reconstruction of the SR-143 Bridge, reconstruction of the Broadway Road bridge, the addition of new direct HOV lanes at SR-143 to and from the east, and pedestrian bridges at Alameda, the Western Canal, and Guadalupe Road.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2019-2020	2019-2020	2019-2020	2021-2022
Budget (2020\$)***	\$37,978,400	\$41,335,540	\$61,527,562	\$563,335,300
Budget (YOE)	\$37,978,400	\$41,335,540	\$61,527,562	\$606,318,685



10-MAR-B



PROJECT

I-10: Highline North Pedestrian Bridge



PROJECT STATUS
PLANNED



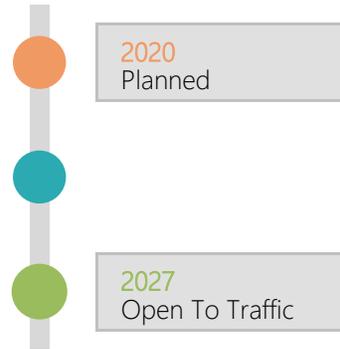
PROJECT LENGTH
-- MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$11,896,476 (2020\$)
\$15,242,829 (YOE)



PROJECT SCOPE*

The scope of this project is to construct a pedestrian bridge over I-10/Maricopa Freeway at approximately the alignment of the Highline North Canal crossing.

PROJECT BUDGET**

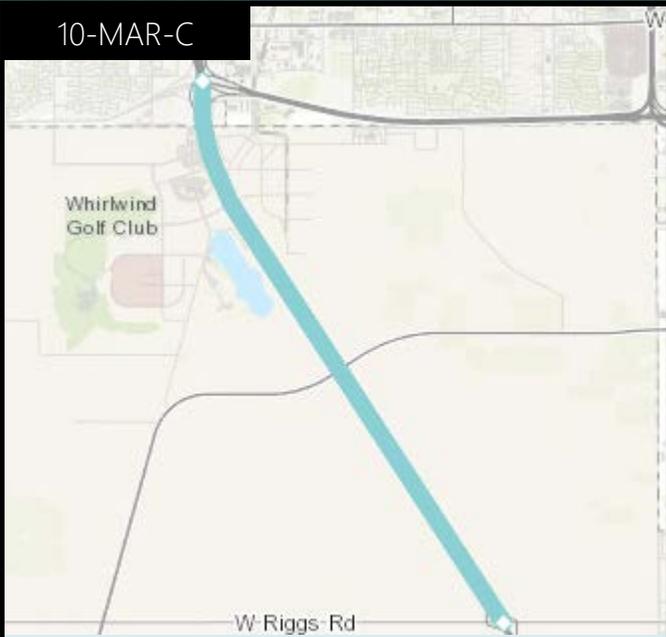
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2026		2027
Budget (2020\$)***		\$1,081,498		\$10,814,978
Budget (YOE)		\$1,334,029		\$13,908,800



10-MAR-C

PROJECT

I-10: SR-202L/Santan to Riggs Road



PROJECT STATUS
PREDESIGN & ENVIRONMENTAL



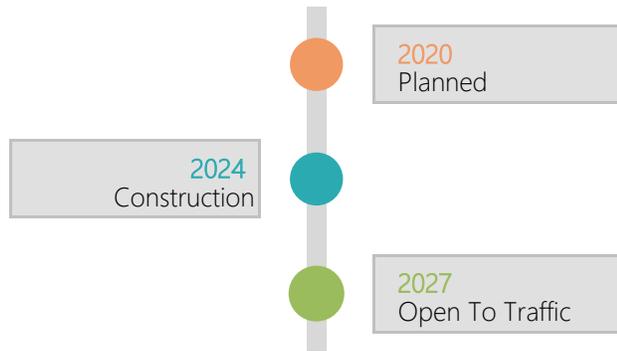
PROJECT LENGTH
6.0 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$127,867,917 (2020\$)
\$156,236,636 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane and one HOV lane in each direction on I-10/Pearl Harbor Memorial Highway from SR-202L/Santan-South Mountain Freeways to Riggs Road. The project scope also includes improvements to the I-10/SR-347 interchange. This project is located in part on Gila River Indian Community land.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2019-2021	2021	2021	2025
Budget (2020\$)***	\$1,770,000	\$8,105,217	\$3,321,800	\$114,670,900
Budget (YOE)	\$1,770,000	\$8,511,288	\$3,488,222	\$142,467,126



10-MAR-D

PROJECT

I-10: Gila River Indian Community Access Improvements



PROJECT STATUS
PLANNED



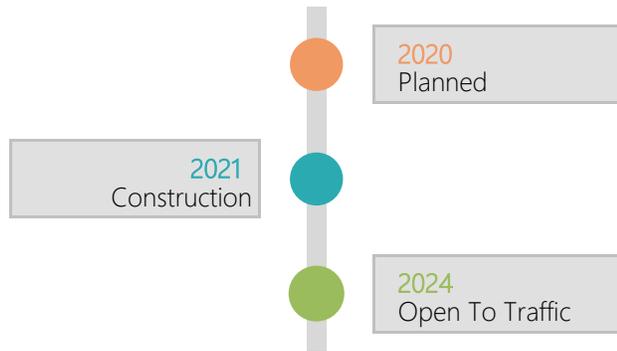
PROJECT LENGTH
-- MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$15,000,000 (2020\$)
\$15,000,000 (YOE)



PROJECT SCOPE*

The scope of this project is access improvements on I-10/Pearl Harbor Memorial Highway. This project is located on Gila River Indian Community land.

The program amount provided is a FLCP financial commitment to the budget of this project.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled				2021
Budget (2020\$)***				\$15,000,000
Budget (YOE)				\$15,000,000



10-PAP-A

PROJECT

I-10: SR-85 to Verrado Way



PROJECT STATUS

DESIGN



PROJECT LENGTH

8.0 MILES



DELIVERY METHOD

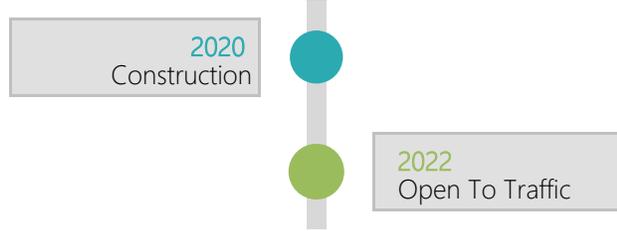
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$125,928,703 (2020\$)

\$129,590,285 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction in the median of I-10/Papago Freeway between SR-85 and Verrado Way, and to reconstruct the traffic interchanges at Miller Road and Watson Road. The interchange reconstruction at Miller Road and at Watson Road includes bridge replacement to accommodate three through lanes in each direction along each roadway. The project work will include new concrete pavement at the cross streets, new asphaltic lanes on I-10, sound walls, drainage improvements, seeding, FMS improvements, ramp gore lighting, ADA improvements and signing and striping.

PROJECT BUDGET**

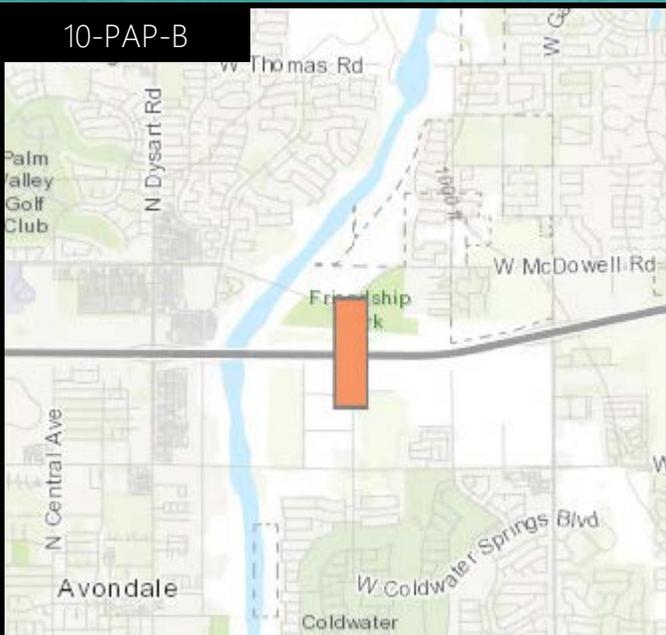
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2019-2020	2019	2021
Budget (2020\$)***	\$2,400,000	\$9,816,278	\$6,100,000	\$107,612,425
Budget (YOE)	\$2,400,000	\$9,816,278	\$6,100,000	\$111,274,007



10-PAP-B

PROJECT

I-10: Fairway Drive



PROJECT STATUS
CONSTRUCTION



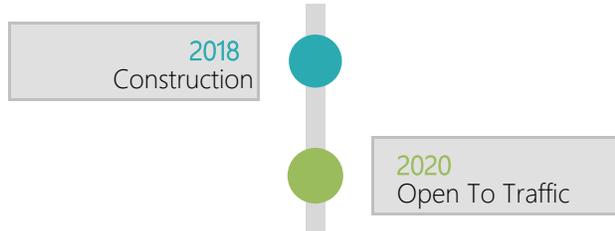
PROJECT LENGTH
-- MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$33,037,600 (2020\$)
\$33,037,600 (YOE)



PROJECT SCOPE*

The proposed work is located in Maricopa County, on I-10 within the City of Avondale, beginning at Milepost 129.83 and extending east to Milepost 131.48. The work consists of a new TI, new bridges for the TI, and 0.2 miles of a new arterial street. The work also includes grading and drainage, construction of portland cement concrete pavement, ARAC-FC overlay, retaining walls, concrete curb and gutter, sidewalk, storm drain system, signing, pavement marking, lighting, fencing, traffic signals, FMS, landscape and irrigation, and other related work.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2014-2017	2015-2020	2018
Budget (2020\$)***		\$1,852,608	\$3,894,992	\$27,290,000
Budget (YOE)		\$1,852,608	\$3,894,992	\$27,290,000



10-PAP-C

PROJECT I-10: Sky Harbor West Airport Access



PROJECT STATUS
PLANNED



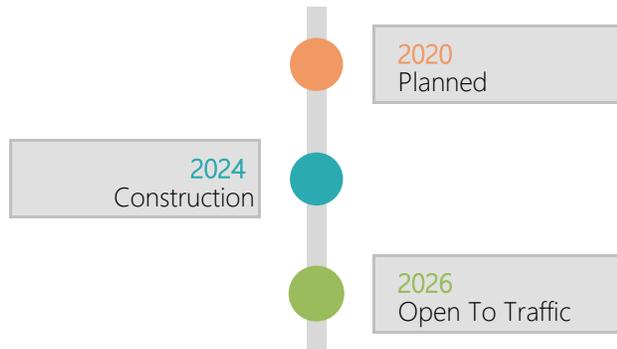
PROJECT LENGTH
1.0 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$100,000,000 (2020\$)
\$100,000,000 (YOE)



PROJECT SCOPE*

The scope of this project is to reconfigure existing access from I-10/Papago to the City of Phoenix Sky Harbor International Airport on the west. The project will reconstruct the existing I-10/Sky Harbor system interchange directional ramps to and from the north with modification to the Buckeye TI to provide improved access to and from the south. The new ramps will connect with City of Phoenix Sky Train improvements to Sky Harbor Boulevard which are anticipated to be completed prior to this project. The interchange improvements will provide full access to the Rental Car Center (RCC).

The program amount provided is a FLCP financial commitment to the budget of this project.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2022	2023	2023	2024
Budget (2020\$)***	\$2,500,000	\$3,000,000	\$9,500,000	\$85,000,000
Budget (YOE)	\$2,500,000	\$3,000,000	\$9,500,000	\$85,000,000



17-BCF-A

PROJECT

I-17: Central Avenue Bridge



PROJECT STATUS
CONSTRUCTION



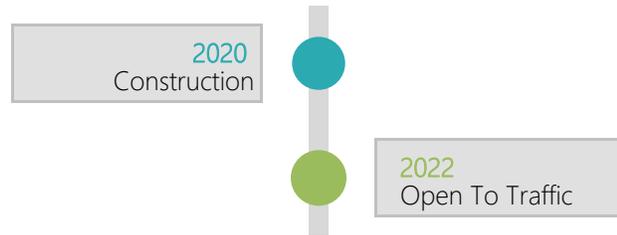
PROJECT LENGTH
0.4 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$24,018,515 (2020\$)
\$24,018,515 (YOE)



PROJECT SCOPE*

The scope of this project is to replace the existing I-17 and Central Avenue Bridge. The bridge height will be brought up to current clearance standards and lengthened to accommodate the future Valley Metro South Central Light Rail Extension. The bridge will be widened to accommodate auxiliary lanes between successive ramps on I-17. The project includes new I-17 roadway approaches, retaining walls, FMS improvements, lighting improvements, drainage improvements, and signing and striping.

PROJECT BUDGET**

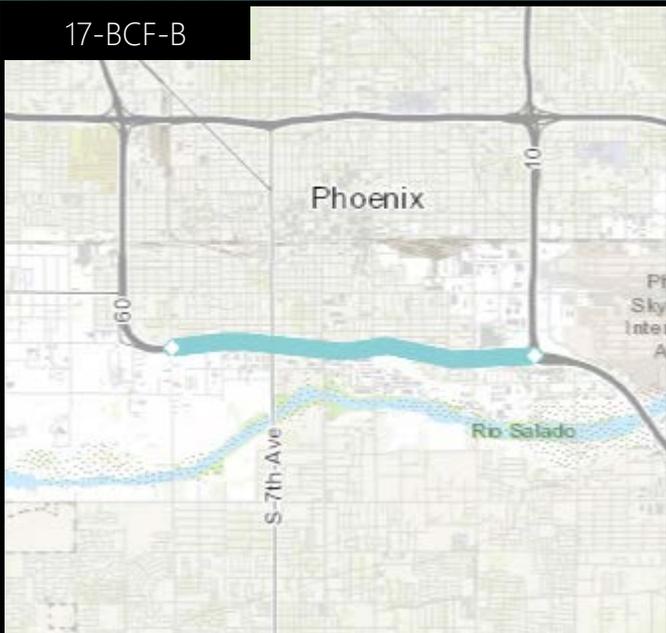
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017-2019	2018	2018	2020
Budget (2020\$)***	\$575,000	\$2,000,000	\$1,000,000	\$20,443,515
Budget (YOE)	\$575,000	\$2,000,000	\$1,000,000	\$20,443,515



17-BCF-B

PROJECT

I-17: I-10 Split to 19th Avenue



PROJECT STATUS

DESIGN



PROJECT LENGTH

3.8 MILES



DELIVERY METHOD

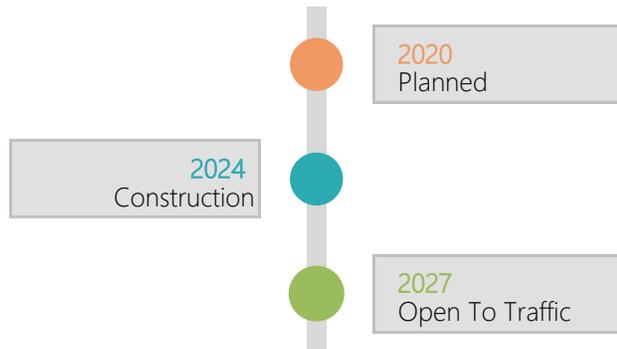
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$86,796,650 (2020\$)

\$100,302,093 (YOE)



PROJECT SCOPE*

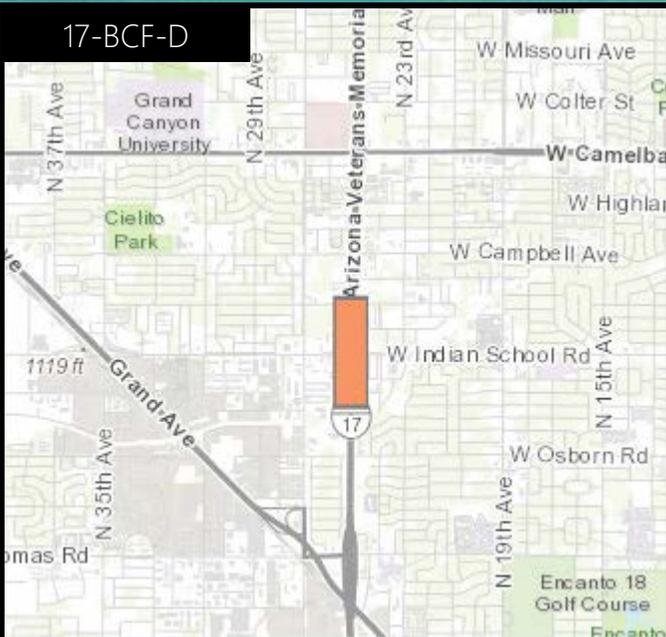
The scope of this project is the construction of auxiliary lanes on I-17 between successive interchanges from 16th Street to 19th Avenue. The project includes drainage improvements, lighting improvements, retaining walls, sound walls, FMS improvements, landscaping, restoration within the project area, and signing and striping. It also includes improvements to 19th Avenue to allow better access to I-17.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2020	2020	2024
Budget (2020\$)***		\$6,694,350	\$9,614,600	\$70,487,700
Budget (YOE)		\$6,694,350	\$9,614,600	\$83,993,143



17-BCF-D



PROJECT

I-17: Indian School Road



PROJECT STATUS

DESIGN



PROJECT LENGTH

-- MILES



DELIVERY METHOD

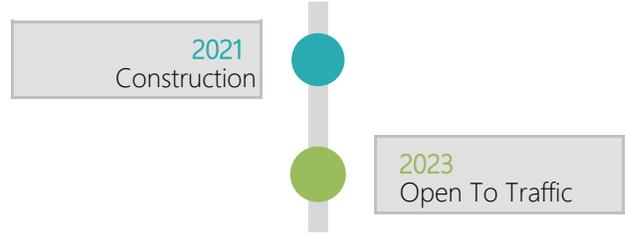
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$60,091,844 (2020\$)

\$62,399,306 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the existing I-17 and Indian School Road TI. The project is scoped as a three-level diamond TI using a third level east-west through flyover. The project includes a new flyover structure, pedestrian crossings, improvements at the 23rd Avenue intersection, the 27th Avenue intersection and the two ramp terminals. Other improvements including retaining walls, lighting, FMS, landscape restoration, ADA improvements, and signing and striping are included as well. The project does not include improvements to I-17 mainline.

PROJECT BUDGET**

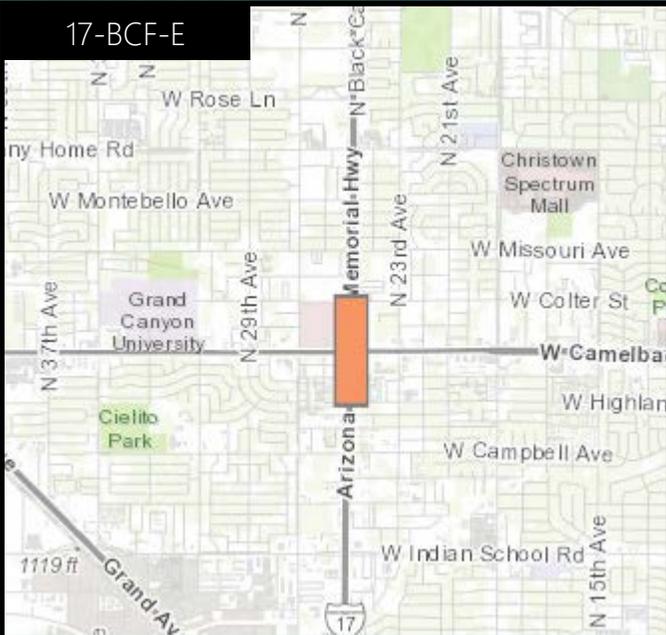
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2018	2018	2018-2020	2021
Budget (2020\$)***	\$2,850,000	\$5,000,000	\$6,184,716	\$46,057,128
Budget (YOE)	\$2,850,000	\$5,000,000	\$6,184,716	\$48,364,590



17-BCF-E

PROJECT

I-17: Camelback Road



PROJECT STATUS

PLANNED



PROJECT LENGTH

-- MILES



DELIVERY METHOD

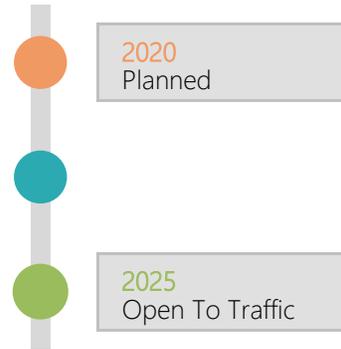
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$88,340,401 (2020\$)

\$101,625,661 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the existing I-17 and Camelback Road TI. The project will accommodate a future Valley Metro high-capacity transit extension and is scoped as a three-level diamond TI using a third level east-west through flyover. The project includes improvements at the 23rd Avenue intersection, the 27th Avenue intersection, and the two ramp terminals, retaining walls, lighting, FMS, landscape restoration, ADA improvements, and signing and striping. The project does not include improvements to I-17 mainline.

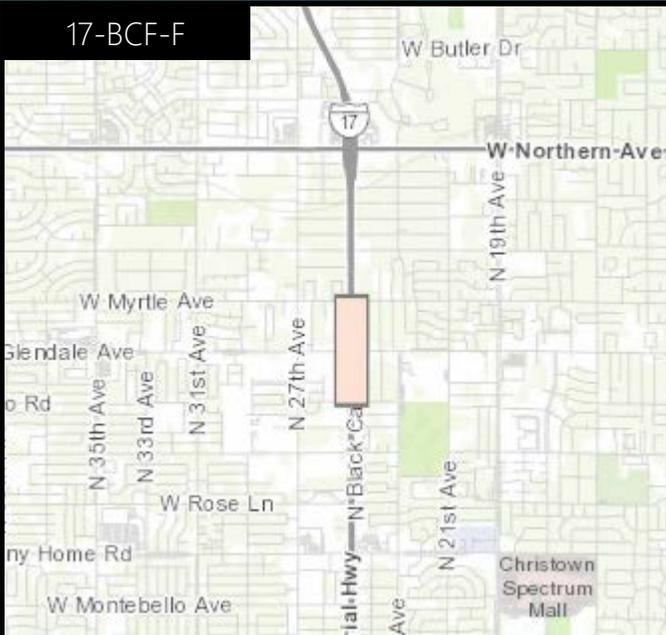
PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2022	2022	2024
Budget (2020\$)***	\$2,750,000	\$5,105,900	\$27,568,401	\$52,916,100
Budget (YOE)	\$2,750,000	\$5,597,598	\$30,223,238	\$63,054,825



17-BCF-F

PROJECT I-17: Glendale Avenue



PROJECT STATUS

PLANNED



PROJECT LENGTH

-- MILES



DELIVERY METHOD

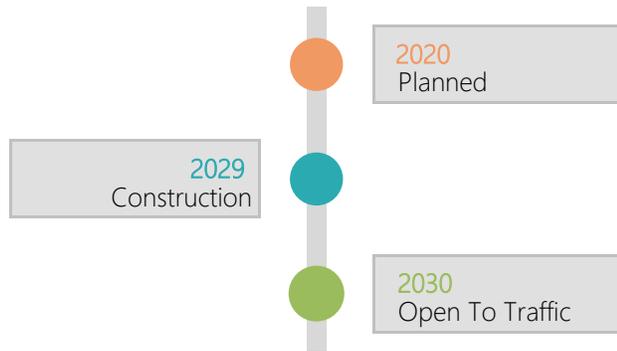
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$65,631,800 (2020\$)

\$94,854,262 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the existing I-17 and Glendale Avenue TI. The project is scoped as a three-level diamond TI using a third level east-west through flyover. The project includes improvements at the 23rd Avenue intersection, the 27th Avenue intersection, the two ramp terminals, retaining walls, lighting, FMS, landscape restoration, ADA improvements, and signing and striping. The project does not include improvements to I-17 mainline.

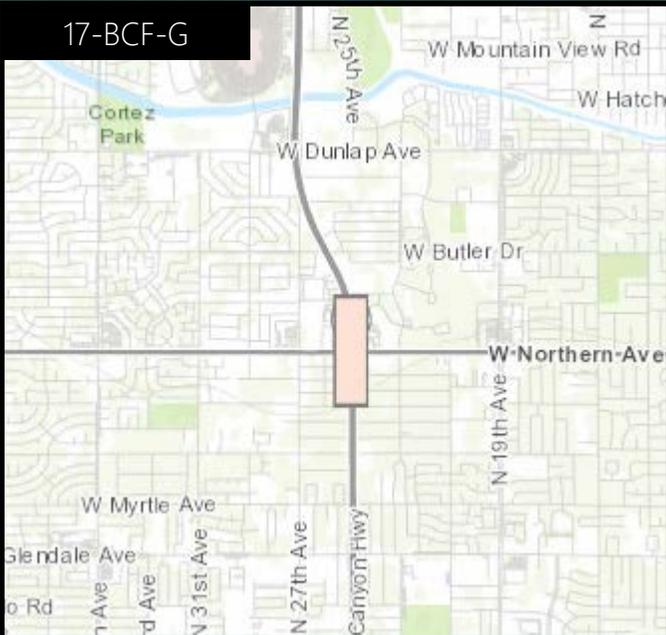
PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***	\$1,015,500	\$2,707,900	\$23,320,800	\$38,587,600
Budget (YOE)	\$1,371,433	\$3,812,994	\$32,838,018	\$56,831,817



17-BCF-G

PROJECT I-17: Northern Avenue



PROJECT STATUS
PLANNED



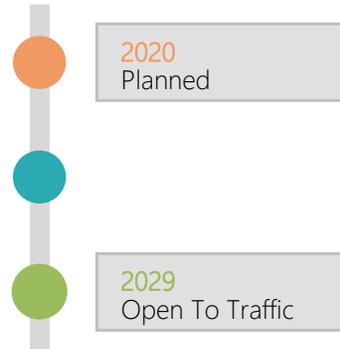
PROJECT LENGTH
0.4 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$67,305,098 (2020\$)
\$89,474,780 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the existing I-17 and Northern Avenue TI. The project is scoped as a three-level diamond TI using a third level east-west through flyover. The project includes improvements at the 23rd Avenue intersection, the 27th Avenue intersection, the two ramp terminals, retaining walls, lighting, FMS, landscape restoration, ADA improvements, and signing and striping. The project does not include improvements to I-17 mainline.

PROJECT BUDGET**

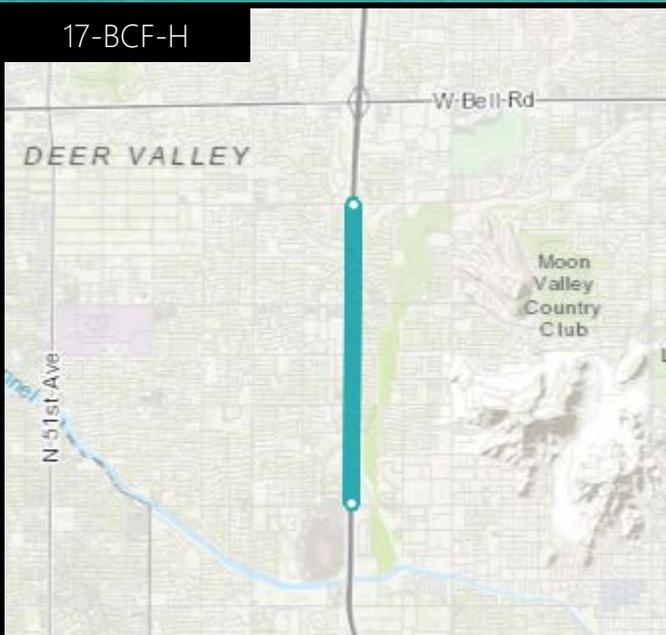
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2025	2026	2026	2027
Budget (2020\$)***	\$1,050,498	\$4,107,900	\$19,573,200	\$42,573,500
Budget (YOE)	\$1,305,139	\$5,320,963	\$25,353,166	\$57,495,512



17-BCF-H

PROJECT

I-17: Peoria Avenue to Greenway Road



PROJECT STATUS
CONSTRUCTION



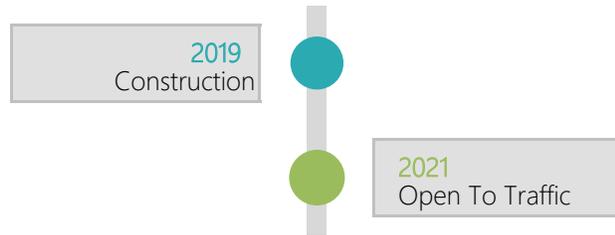
PROJECT LENGTH
3.5 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$38,414,689 (2020\$)
\$38,414,689 (YOE)



PROJECT SCOPE*

The scope of this project is to replace the existing pump stations at the I-17 TIs at Greenway Road, Thunderbird Road, Cactus Road, and Peoria Avenue with a gravity storm drain system that will discharge the storm water into the Arizona Canal Diversion Channel (ACDC). The project includes installation of 30- to 90-inch diameter reinforced concrete pipe (RCP) along I-17 frontage road, two detention basins at the I-17 and Thunderbird Road TI, pavement replacement on the frontage road, improvements to ADA features within the project area, removal of the four existing pump stations, and signing and striping.

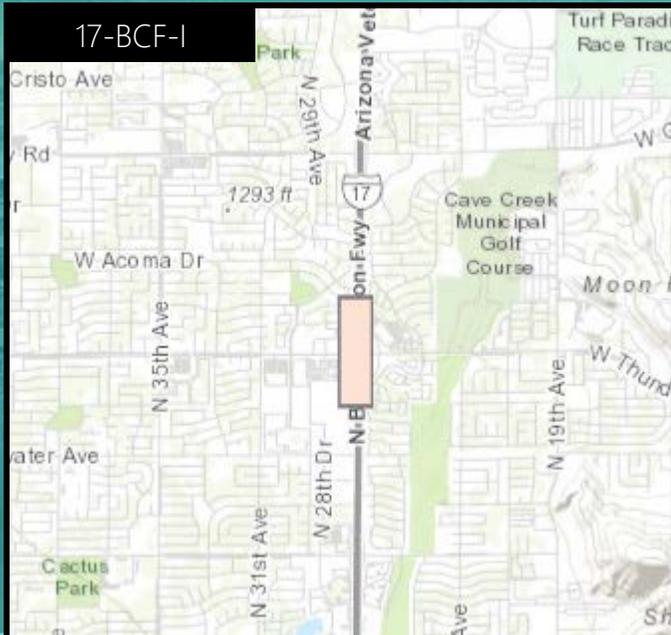
PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2018	2019	2019-2020
Budget (2020\$)***		\$1,217,000	\$124,000	\$37,073,689
Budget (YOE)		\$1,217,000	\$124,000	\$37,073,689



PROJECT

I-17: Thunderbird Road



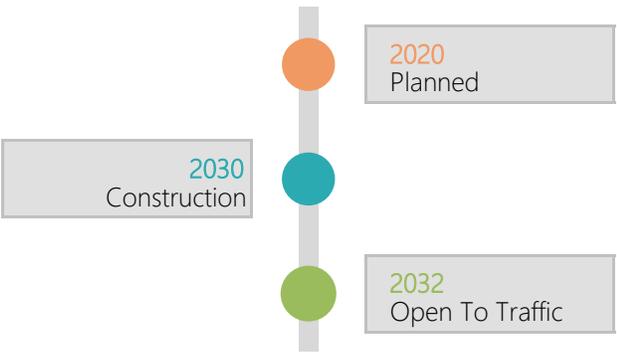
17-BCF-I

PROJECT STATUS
PLANNED

PROJECT LENGTH
0.4 MILES

DELIVERY METHOD
DESIGN-BID-BUILD

APPROVED PROGRAM BUDGET
\$103,791,900 (2020\$)
\$158,399,921 (YOE)



PROJECT SCOPE*

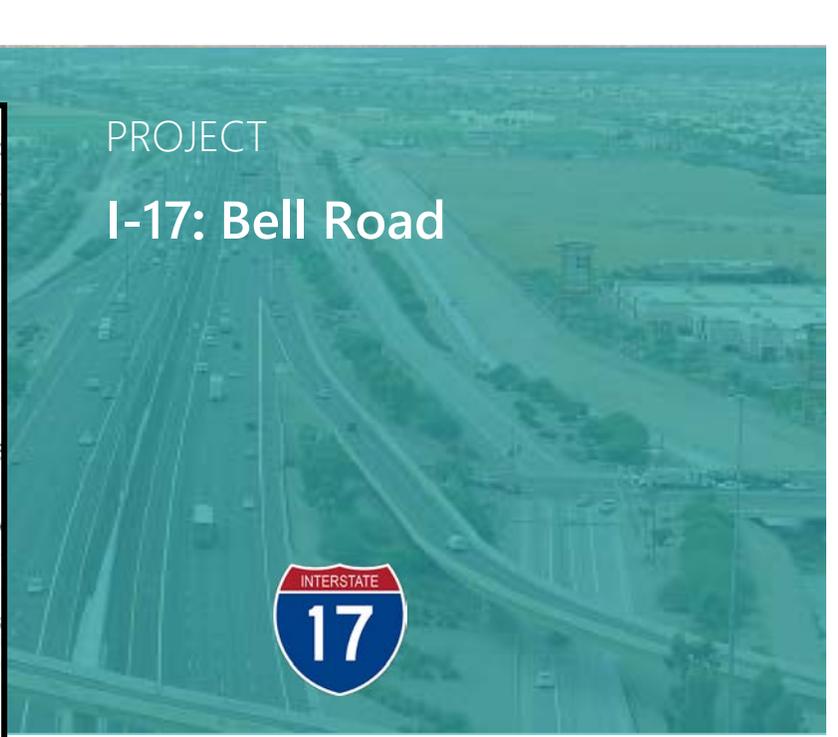
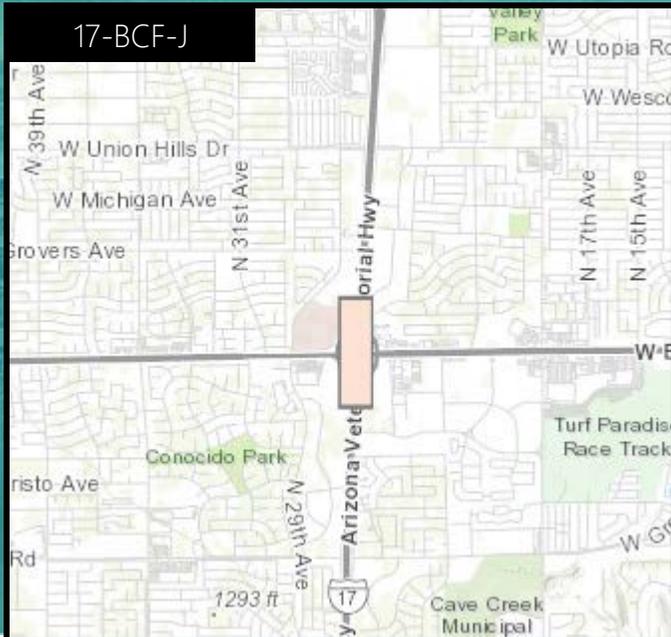
The scope of this project is to reconstruct the existing Interstate I-17 and Thunderbird Road TI. The project is scoped as a three-level diamond TI using a third level north-south for I-17 mainline reconstruction. The current I-17 level in the interchange becomes the ramp or platform level. The existing depressed Thunderbird Road will become the Thunderbird Road east-west through movement. The project includes ramp and terminal reconstruction, adjacent intersection improvements, crossroad improvements, retaining walls, ARAC-FC overlay, lighting, FMS, landscape restoration, ADA improvements, and signing and striping. The project does not include improvements to I-17 mainline.

PROJECT BUDGET**				
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***	\$2,203,800	\$5,876,700	\$11,968,100	\$83,743,300
Budget (YOE)	\$3,103,171	\$8,655,204	\$17,626,618	\$129,014,928



* View abbreviations/descriptions page
 ** FY 2021 approved program
 *** Funding for previously obligated phases reflected in YOE

PROJECT I-17: Bell Road



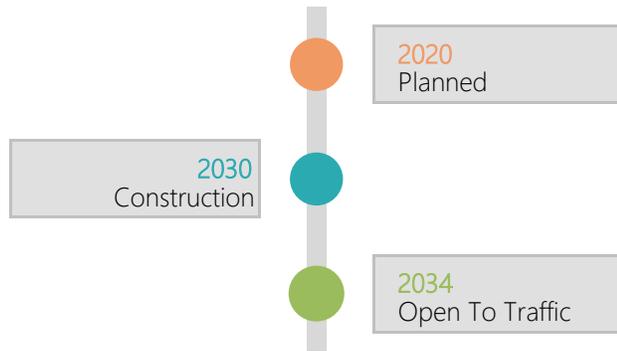
17-BCF-J

PROJECT STATUS
PLANNED

PROJECT LENGTH
-- MILES

DELIVERY METHOD
DESIGN-BID-BUILD

APPROVED PROGRAM BUDGET
\$133,733,900 (2020\$)
\$204,417,071 (YOE)



PROJECT SCOPE*

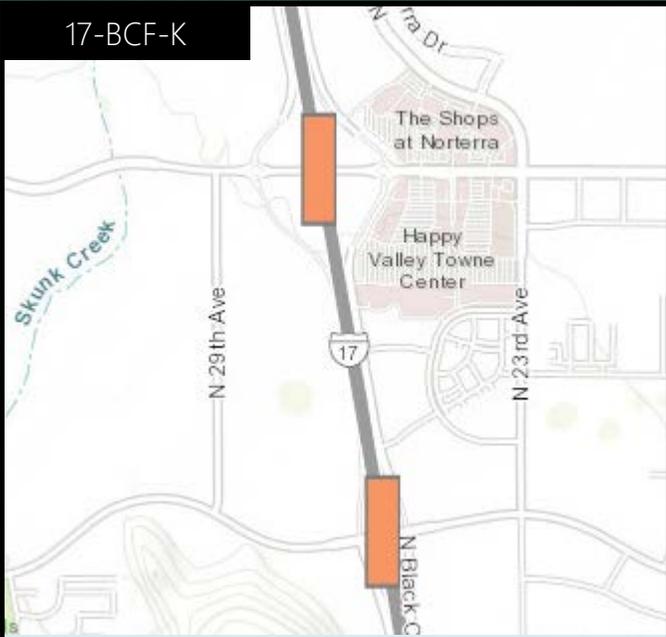
The scope of this project is to reconstruct the existing I-17 and Bell Road TI. The project is scoped as a three-level diamond TI using a third level north-south for I-17 mainline reconstruction. The current I-17 level in the interchange becomes the ramp or platform level. The existing depressed Bell Road will become the Bell Road east-west through movement. The capacity of the existing park and ride facility in the southwest quadrant will be expanded to the extent geometrically feasible, with a funding split between the FLCP and transit sources to be determined at a future time. The project includes ramp and terminal construction, crossroad improvements, intersection improvements at 26th Avenue and the park and ride intersection, bridge replacements, park and ride expansion, retaining walls, ARAC-FC overlay, lighting, FMS, landscape restoration, ADA improvements, and signing and striping. The project does not include improvements to I-17 mainline.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***	\$2,893,100	\$7,715,000	\$13,188,000	\$109,937,800
Budget (YOE)	\$4,260,958	\$11,362,652	\$19,423,286	\$169,370,175



17-BCF-K



PROJECT

I-17: Pinnacle Peak Road to Happy Valley Road



PROJECT STATUS
CONSTRUCTION



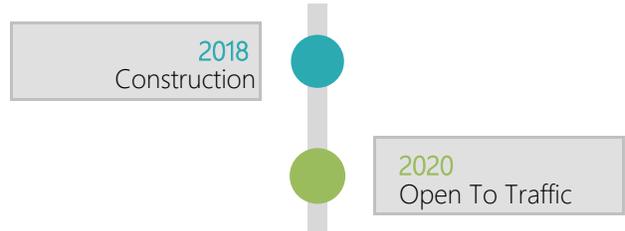
PROJECT LENGTH
1.7 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$67,857,000 (2020\$)
\$67,857,000 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the TIs on I-17 at Happy Valley Road and Pinnacle Peak Road and to add one general purpose lane in each direction. The project includes drainage, retaining walls, FMS improvements, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2016-2017	2018	2018
Budget (2020\$)***		\$4,857,000	\$500,000	\$62,500,000
Budget (YOE)		\$4,857,000	\$500,000	\$62,500,000



* View abbreviations/descriptions page
** FY 2021 approved program
*** Funding for previously obligated phases reflected in YOE

17-BCF-L

PROJECT

I-17: Anthem Way to Yavapai County Line



PROJECT STATUS

PLANNED



PROJECT LENGTH

12.0 MILES



DELIVERY METHOD

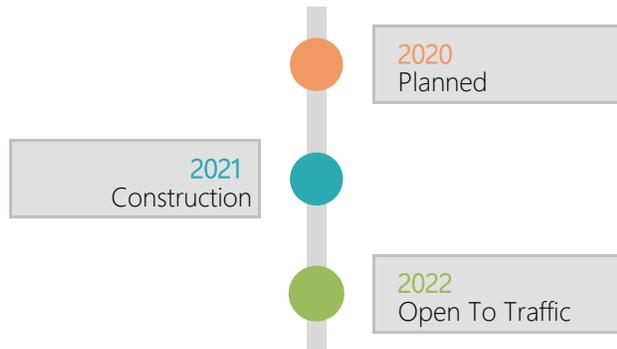
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$50,000,000 (2020\$)

\$50,000,000 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane on I-17 southbound from the Anthem Way TI to the Maricopa/Yavapai County line. The project includes New River overpass widening to accommodate an additional lane on I-17, ARAC-FC overlay, lighting, FMS improvements, landscaping improvements, ADA improvements, and signing and striping. This project is a component of a larger project to be funded by ADOT that includes the addition of one general purpose lane in each direction to Black Canyon City and then two flex lanes from Black Canyon City to Sunset Point.

The program amount provided is a FLCP financial commitment to the budget of this project.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled				2021
Budget (2020\$)***				\$50,000,000
Budget (YOE)				\$50,000,000



101-AGF-A



PROJECT

SR-101L: I-10/Maricopa System Interchange Improvements



PROJECT STATUS

PLANNED



PROJECT LENGTH

1.0 MILES



DELIVERY METHOD

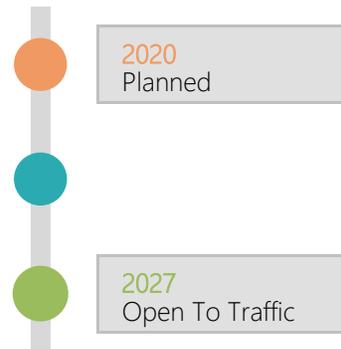
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$189,090,775 (2020\$)

\$232,498,603 (YOE)



PROJECT SCOPE*

The scope of this project is to provide improvements to the I-10/Papago Freeway and SR-101L/Agua Fria Freeway System Interchange. The improvement details will be scoped as part of the MAG FY 2020 I-10 (Papago) and SR-101L/ Agua Fria System TI Traffic Analysis and Geometric Alternatives study.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2022	2023	2023	2025
Budget (2020\$)***	\$4,429,000	\$16,091,075	\$1,805,400	\$166,765,300
Budget (YOE)	\$4,855,513	\$18,390,489	\$2,063,392	\$207,189,209



* View abbreviations/descriptions page
 ** FY 2021 approved program
 *** Funding for previously obligated phases reflected in YOE

101-AGF-C



PROJECT

SR-101L: Northern Avenue TI Improvements



PROJECT STATUS

PLANNED



PROJECT LENGTH

-- MILES



DELIVERY METHOD

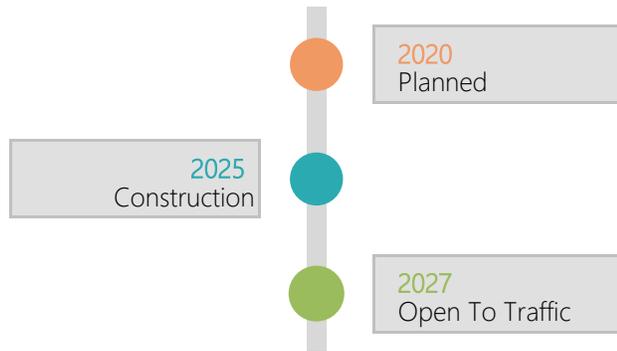
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$10,000,000 (2020\$)

\$10,000,000 (YOE)



PROJECT SCOPE*

The scope of this project is to provide improvements to the SR101L/Agua Fria Freeway and Northern Avenue TI.

The program amount provided is a FLCP financial commitment to the budget of this project. The balance of the funding will come from the Arterial Life Cycle Program (ALCP).

PROJECT BUDGET**

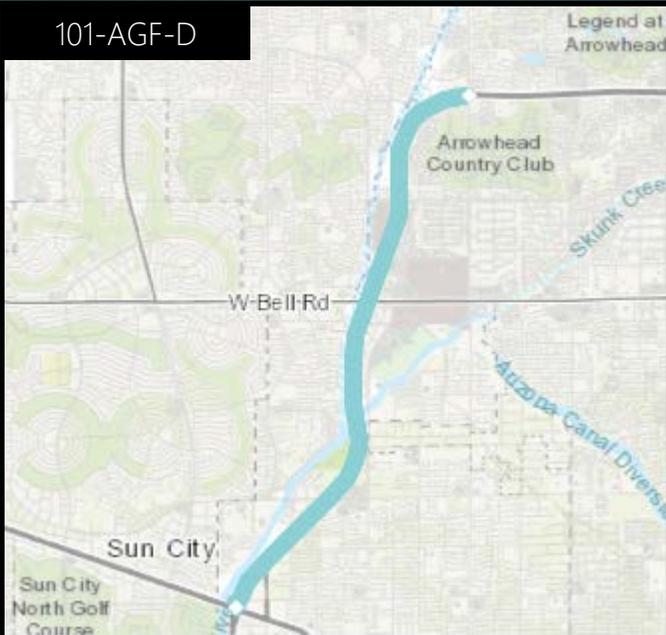
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled				2025
Budget (2020\$)***				\$10,000,000
Budget (YOE)				\$10,000,000



101-AGF-D

PROJECT

SR-101L: US-60/Grand to 75th Avenue



PROJECT STATUS

PLANNED



PROJECT LENGTH

6.0 MILES



DELIVERY METHOD

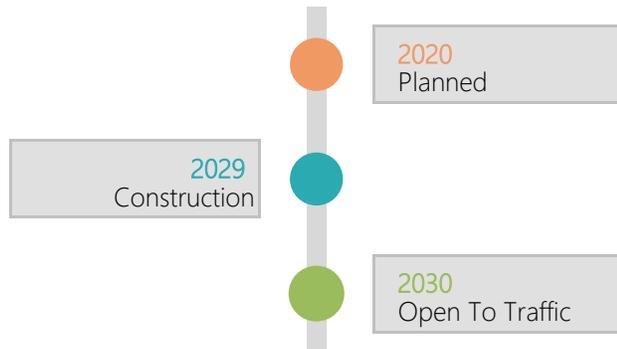
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$94,072,200 (2020\$)

\$137,855,068 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction to SR-101L/Agua Fria Freeway from US-60/Grand Avenue to 75th Avenue. The project includes bridge widening of existing structures to accommodate the new general purpose lanes. The project work includes ARAC-FC overlay, new concrete pavement, retaining walls, lighting, ADA improvements, drainage improvements, FMS improvements, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***	\$2,245,700	\$5,988,700	\$500,000	\$85,337,800
Budget (YOE)	\$3,032,818	\$8,432,688	\$704,050	\$125,685,512



101-AGF-E

PROJECT

SR-101L: 75th Avenue to I-17/Black Canyon



PROJECT STATUS

DESIGN



PROJECT LENGTH

6.4 MILES



DELIVERY METHOD

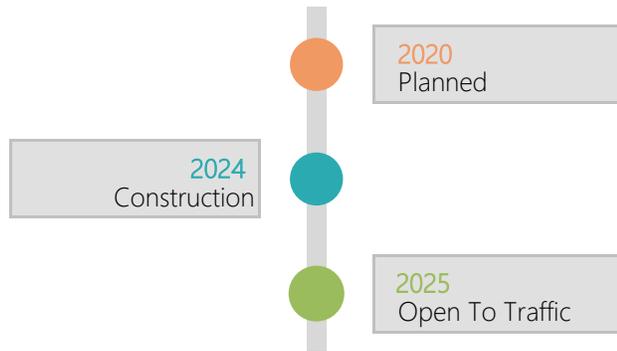
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$93,515,900 (2020\$)

\$109,682,880 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction to SR-101L/Agua Fria Freeway from 75th Avenue to I-17. The project includes bridge widening of existing structures to accommodate the new general purpose lanes. The project work includes diamond grind surface treatment, new concrete pavement, retaining walls, lighting, ADA improvements, drainage improvements, FMS improvements, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2019	2019	2023	2024
Budget (2020\$)***	\$1,654,000	\$7,356,000	\$500,000	\$84,005,900
Budget (YOE)	\$1,654,000	\$7,356,000	\$571,450	\$100,101,430



101-AGF-F

PROJECT

SR-101L: 75th Avenue TI Improvements



PROJECT STATUS

PLANNED



PROJECT LENGTH

-- MILES



DELIVERY METHOD

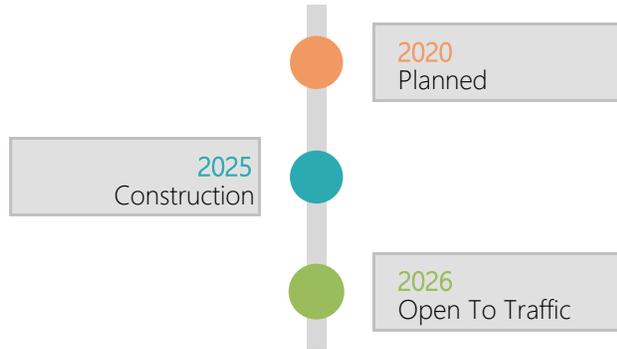
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$25,848,900 (2020\$)

\$31,701,258 (YOE)



PROJECT SCOPE*

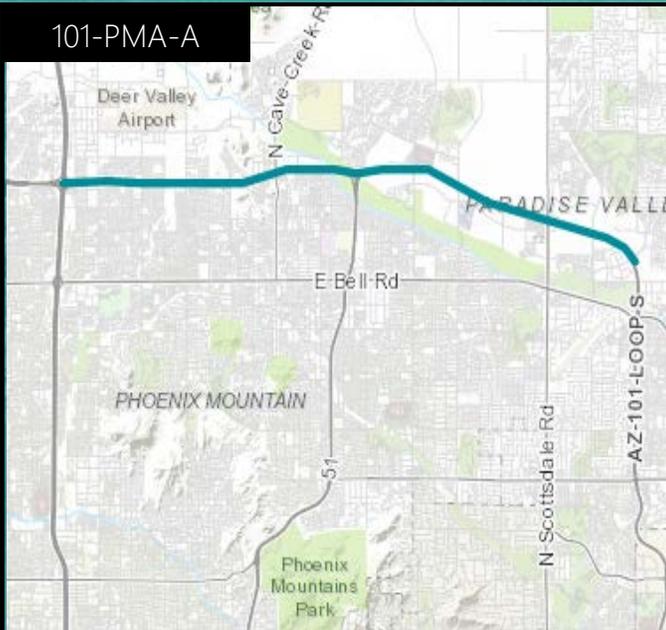
The scope of this project is to provide improvements to the SR-101L/Agua Fria Freeway and 75th Avenue TI. The improvement details will be scoped in coordination with the Arizona Department of Transportation and area member agencies.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2024	2024	2025
Budget (2020\$)***		\$1,708,900	\$6,429,200	\$17,710,800
Budget (YOE)		\$2,036,325	\$7,661,035	\$22,003,898



101-PMA-A



PROJECT

SR-101L: I-17/Black Canyon to Pima Road



PROJECT STATUS
CONSTRUCTION



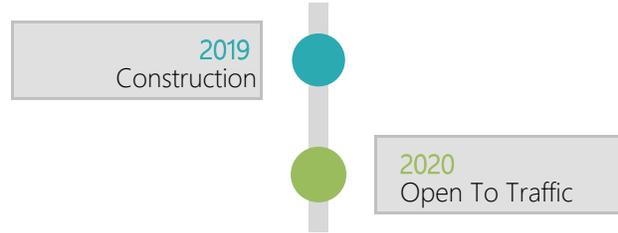
PROJECT LENGTH
13.2 MILES



DELIVERY METHOD
DESIGN-BUILD



APPROVED PROGRAM BUDGET
\$233,660,000 (2020\$)
\$233,660,000 (YOE)



PROJECT SCOPE*

The scope of this project is to add two general purpose lanes in each direction to SR-101L/Pima Freeway between I-17 and SR-101L/Pima Freeway System Interchange and 7th Avenue; and add one general purpose lane in each direction between 7th Avenue and Pima Road; as well as auxiliary lanes in each direction between 7th Street and Cave Creek Road. The project includes bridge widening of existing structures to accommodate new general purpose lanes, diamond grind surface treatment, new concrete pavement, retaining walls, drainage improvements, FMS improvements, ADA improvements, landscape restoration, and signing and striping.

The Miller Road Underpass Arterial Life Cycle Program (ALCP) project is also incorporated into the project's scope, but will be funded with sources outside the FLCP.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2017	2017	2019-2020
Budget (2020\$)***		\$5,800,000	\$2,360,000	\$225,500,000
Budget (YOE)		\$5,800,000	\$2,360,000	\$225,500,000

* View abbreviations/descriptions page

** FY 2021 approved program

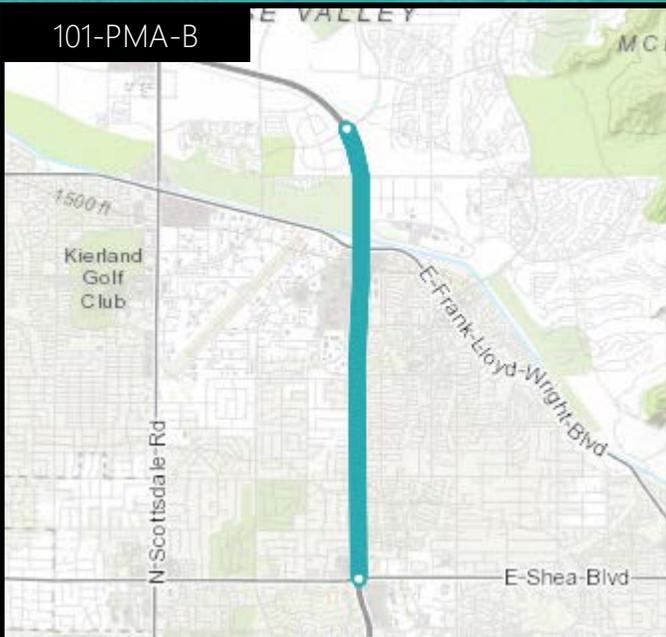
*** Funding for previously obligated phases reflected in YOE



101-PMA-B

PROJECT

SR-101L: Princess Drive (Pima Road) to Shea Boulevard



PROJECT STATUS

DESIGN



PROJECT LENGTH

4.4 MILES



DELIVERY METHOD

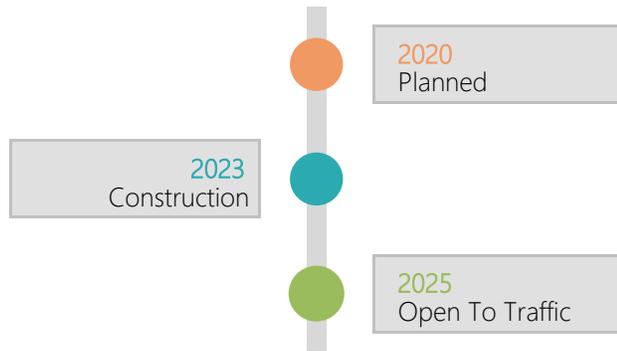
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$78,858,900 (2020\$)

\$89,374,158 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction to SR-101L/Pima Freeway from Pima Road to Shea Boulevard. The project includes bridge widening to accommodate the new general purpose lanes. The project includes ARAC-FC overlay, new concrete pavement, retaining walls, drainage improvements, FMS improvements, landscape restoration, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2021	2021	2023
Budget (2020\$)***	\$500,000	\$6,851,600	\$500,000	\$71,007,300
Budget (YOE)	\$500,000	\$7,194,865	\$525,050	\$81,154,243



101-PMA-C

PROJECT

SR-101L: Pima Road Extension, JPA

Not on Map

LOOP
101



PROJECT STATUS
PLANNED



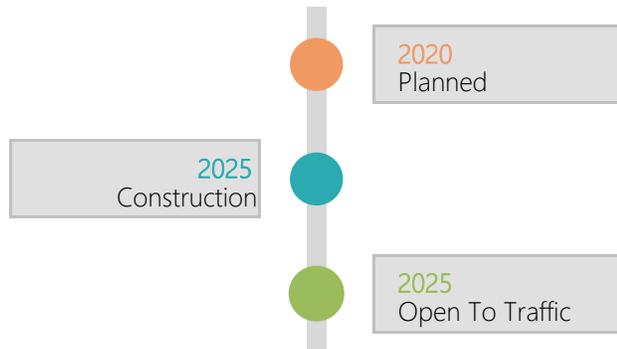
PROJECT LENGTH
-- MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$3,931,000 (2020\$)
\$3,931,000 (YOE)



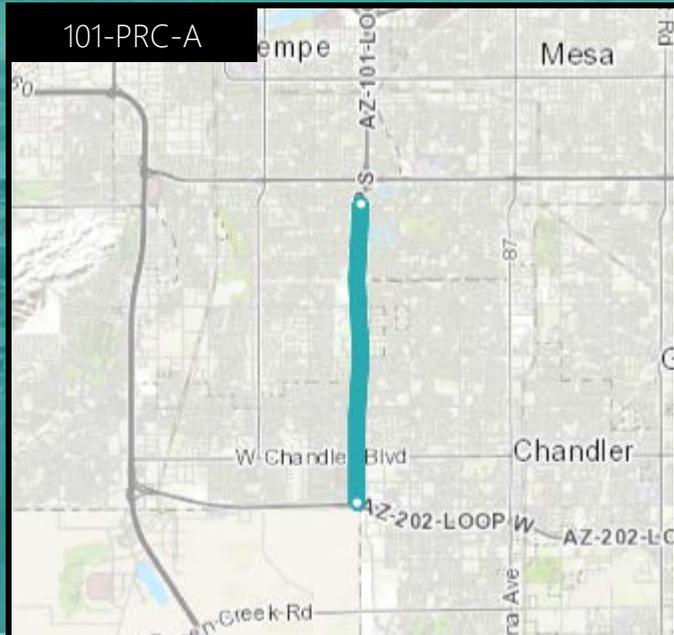
PROJECT SCOPE*

The scope of this project is improvements on Pima Road as determined in coordination with the Salt River Pima-Maricopa Indian Community (SRP-MIC). The program amount provided is a FLCP financial commitment to the budget of this project.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2024		2025
Budget (2020\$)***		\$297,000		\$3,634,000
Budget (YOE)		\$297,000		\$3,634,000





PROJECT

SR-101L: Baseline Road to SR-202L/Santan



PROJECT STATUS
CONSTRUCTION



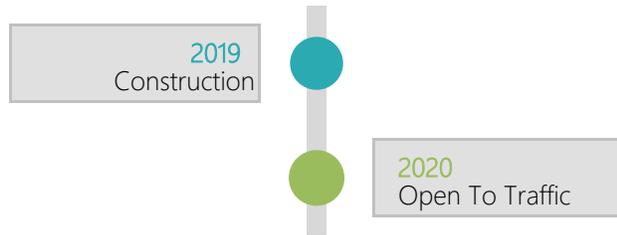
PROJECT LENGTH
6.4 MILES



DELIVERY METHOD
DESIGN-BUILD



APPROVED PROGRAM BUDGET
\$79,563,704 (2020\$)
\$79,563,704 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction on SR-101L/Price Freeway from Baseline Road to SR-202L/Santan Freeway. The project work includes new concrete pavement, diamond grind surface treatment, structures, retaining walls, drainage improvements, lighting improvements, FMS, utility relocations, landscape restoration, and signing and striping.

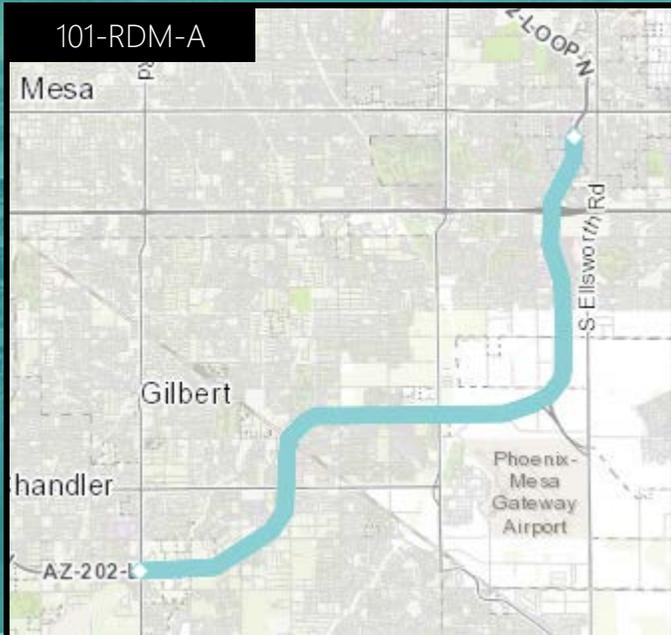
PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2018		2019
Budget (2020\$)***		\$3,650,000		\$75,913,704
Budget (YOE)		\$3,650,000		\$75,913,704



PROJECT

SR-202L: Broadway Road to Gilbert Road



PROJECT STATUS
PLANNED



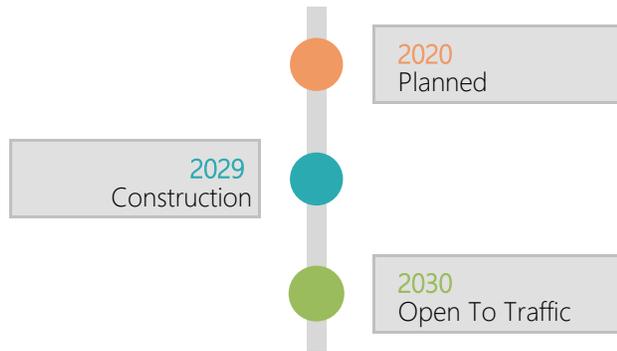
PROJECT LENGTH
15.5 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$82,526,700 (2020\$)
\$120,961,370 (YOE)



PROJECT SCOPE*

The scope of this project is to add one HOV lane in each direction to SR-202L/Red Mountain and Santan Freeways from Broadway Road to Gilbert Road. The project includes ARAC-FC overlay, new concrete pavement, retaining walls, drainage improvements, FMS improvements, and signing and striping.

PROJECT BUDGET**

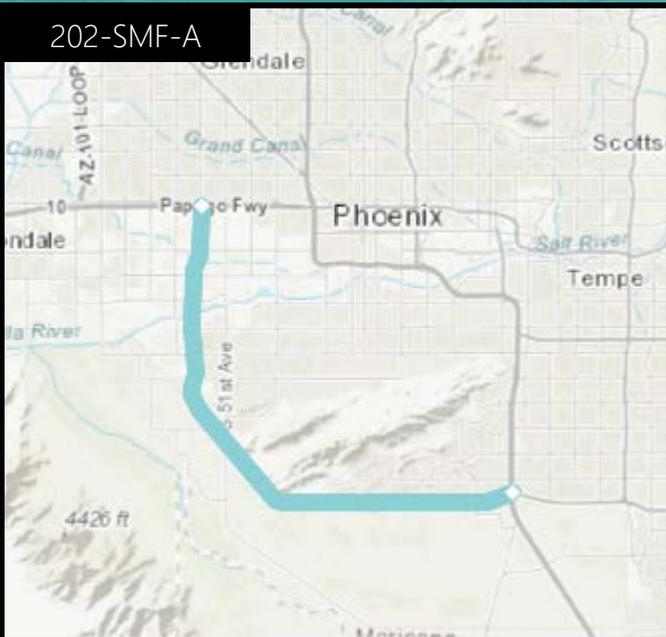
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED		DEFERRED
Budget (2020\$)***	\$1,980,600	\$5,281,700		\$75,264,400
Budget (YOE)	\$2,674,800	\$7,437,162		\$110,849,408



202-SMF-A

PROJECT

SR-202L: I-10/Maricopa to I-10/Papago Maintenance



PROJECT STATUS
MAINTENANCE



PROJECT LENGTH
22.0 MILES



DELIVERY METHOD
PUBLIC-PRIVATE PARTNERSHIP



APPROVED PROGRAM BUDGET
\$6,071,762 (2020\$)
\$6,071,762 (YOE)



2020-2026
Construction

PROJECT SCOPE*

This is a scheduled, fixed maintenance payment to the SR-202L/South Mountain Freeway project.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled				2020-2026
Budget (2020\$)***				\$6,071,762
Budget (YOE)				\$6,071,762



202-STN-A

PROJECT SR-202L: Lindsay Road



LOOP
202



PROJECT STATUS
CONSTRUCTION



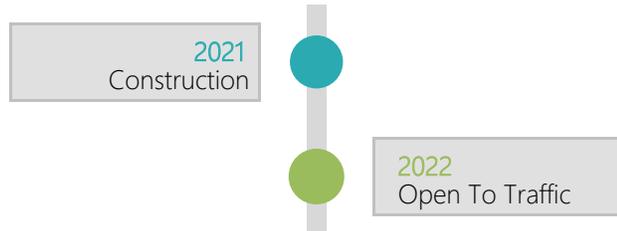
PROJECT LENGTH
1.0 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$42,898,959 (2020\$)
\$42,898,959 (YOE)



PROJECT SCOPE*

The scope of this project is to construct a new full access TI at Lindsay Road and SR-202L/Santan Freeway to provide access to SR-202L and a frontage road system on the north side of SR-202L between Lindsay Road and Gilbert Road. The improvements include the construction of the entry/exit ramps and frontage road, traffic signals and improvements to the mainline of SR-202L to accommodate the new TI, reconstruction of Lindsay Road between the ramp termini, reconfiguration of the parking lot at Zanjero Park and other minor improvements to the existing street network to accommodate the TI.

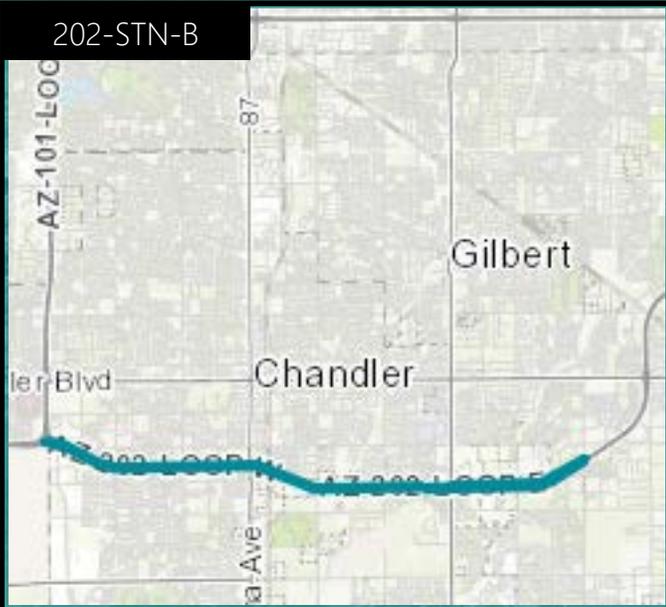
Additional funding for the project is being provided by the Arterial Life Cycle Program (ALCP) and Town of Gilbert.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2019	2019	2021
Budget (2020\$)***		\$3,236,264	\$500,000	\$39,162,695
Budget (YOE)		\$3,236,264	\$500,000	\$39,162,695



202-STN-B



PROJECT

SR-202L: Val Vista Drive to SR-101L/Price



PROJECT STATUS

DESIGN



PROJECT LENGTH

5.0 MILES



DELIVERY METHOD

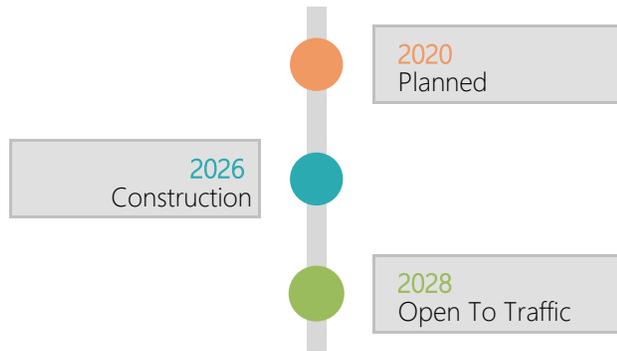
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$163,958,400 (2020\$)

\$208,242,148 (YOE)



PROJECT SCOPE*

The scope of this project is to construct one general purpose lane on the outside of SR-202L/Santan Freeway between Val Vista Drive and Gilbert Road and two general purpose lanes between Gilbert Road and SR-101L/Santan Freeway. The project includes bridge widening of existing structures to accommodate the additional general purpose lanes. The project work includes new concrete pavement, retaining walls, sound walls, FMS, lighting, landscape restoration, ADA improvements, ARAC-FC overlay, drainage improvements, and signing and striping.

PROJECT BUDGET**

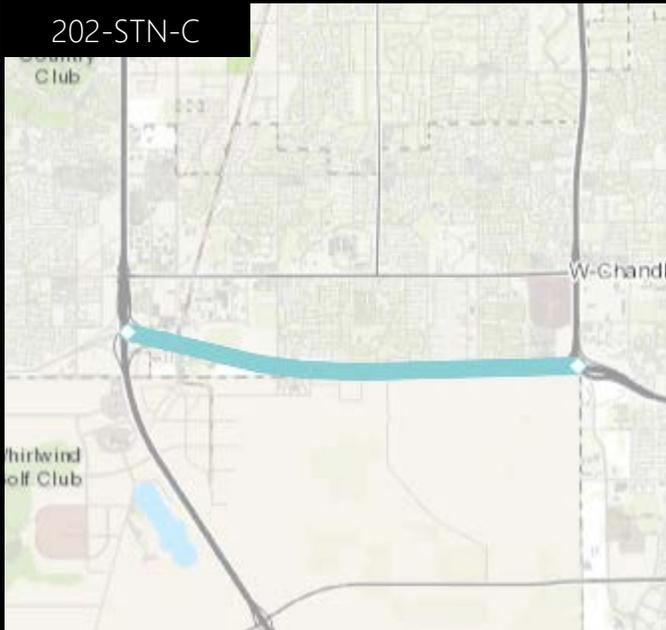
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2021	2024	2026
Budget (2020\$)***	\$2,025,000	\$14,206,100	\$500,000	\$147,227,300
Budget (YOE)	\$2,025,000	\$14,917,826	\$595,800	\$190,703,522



202-STN-C

PROJECT

SR-202L: SR-101L/Price to I-10/Maricopa



PROJECT STATUS
PLANNED



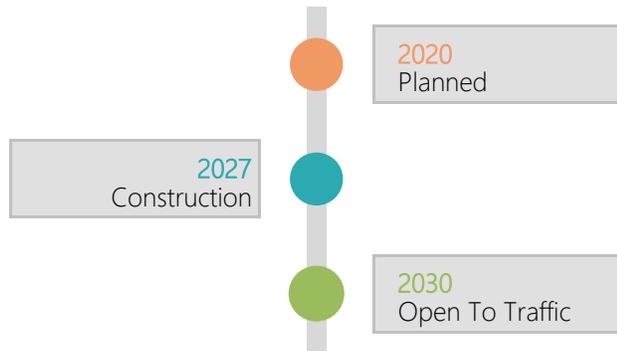
PROJECT LENGTH
4.6 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$62,840,300 (2020\$)
\$84,865,825 (YOE)



PROJECT SCOPE*

The scope of this project is to construct one general purpose lane in each direction on the outside of SR-202L/Santan Freeway between SR-101L/Santan Freeway to I-10/Maricopa Freeway. The project includes bridge widening of existing structures to accommodate the additional general purpose lanes. The project work includes new concrete pavement, retaining walls, sound walls, FMS, lighting, landscape restoration, ADA improvements, ARAC-FC overlay, drainage improvements, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***		\$4,087,800	\$500,000	\$58,252,500
Budget (YOE)		\$5,520,574	\$675,250	\$78,670,001



24-GTW-A



PROJECT

SR-24: Ellsworth Road to Ironwood Drive



PROJECT STATUS
CONSTRUCTION



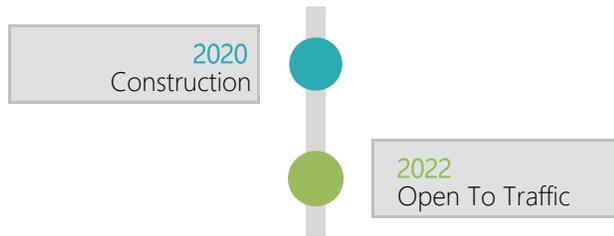
PROJECT LENGTH
4.6 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$260,871,957 (2020\$)
\$260,871,957 (YOE)



PROJECT SCOPE*

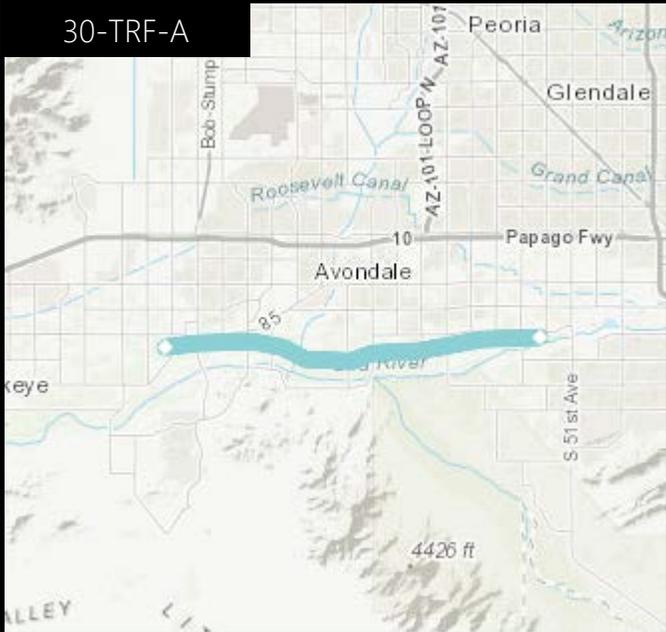
The scope of this project is to construct an interim freeway facility from Ellsworth Road to Ironwood Road within the right of way for the ultimate SR-24. The interim freeway facility will be two lanes in each direction separated by a graded median and would follow the entrance and exit ramp alignments with at-grade intersection at Williams Field Road, Signal Butte Road, Meridian Road, and Ironwood Road. The project will provide grade-separated structures at Ellsworth Road and Mountain Road, as well as an offsite drainage channel on the north side of the SR-24 alignment. The project includes improvements to the Powerline Floodway within Arizona Department of Transportation’s right of way, FMS, minimal utility relocations, and signing and striping. The project does not include lighting or landscaping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2018-2021	2018-2020	2018-2021
Budget (2020\$)***	\$300,000	\$14,786,241	\$94,016,932	\$151,768,784
Budget (YOE)	\$300,000	\$14,786,241	\$94,016,932	\$151,768,784



30-TRF-A



PROJECT

SR-30: SR-303L/Estrella to SR-202L/South Mountain



PROJECT STATUS
RIGHT OF WAY



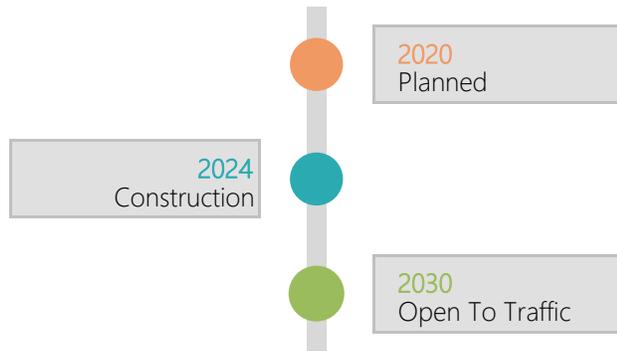
PROJECT LENGTH
14.2 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$540,021,412 (2020\$)
\$598,035,550 (YOE)



PROJECT SCOPE*

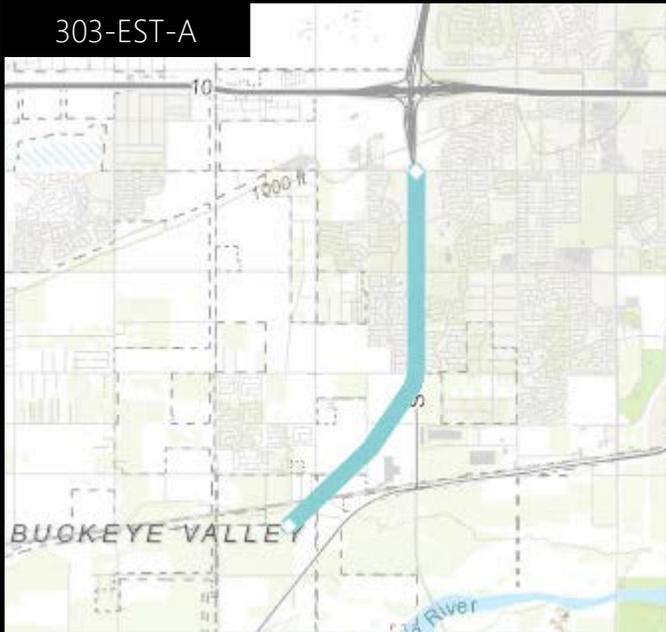
The scope of this project is to acquire full right of way and implement advanced utility work for the ultimate freeway facility from SR-303L to SR-202L/South Mountain Freeway.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017-2019	2024	2018-2024	2025
Budget (2020\$)***	\$4,626,037	\$319,732	\$531,075,643	\$4,000,000
Budget (YOE)	\$4,626,037	\$380,992	\$588,058,921	\$4,969,600



303-EST-A



PROJECT

SR-303L: MC-85 to Van Buren Street



PROJECT STATUS
RIGHT OF WAY



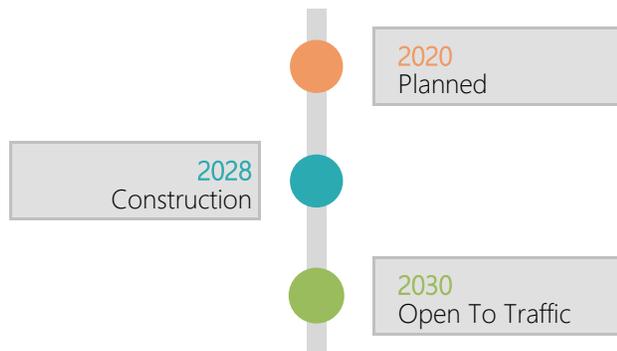
PROJECT LENGTH
2.6 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$284,453,533 (2020\$)
\$388,960,874 (YOE)



PROJECT SCOPE*

The scope of this project is to extend SR-303L from Van Buren Street past Lower Buckeye Road with an interim connection to the existing Cotton Lane north of Elwood Road. The facility will be three lanes in each direction separated by a graded median. The project includes the southbound on-ramp and northbound off-ramp at Van Buren Street and a full TI at Yuma Road. The project includes grade-separated structures at Lilac Street/Canyon Trails Boulevard and Lower Buckeye Road. Two-lane, one-way frontage roads will be constructed between Elwood Street and Van Buren Street, and existing Cotton Lane will be replaced through this section by the SR-303L mainline roadway. The project includes on-site and off-site drainage, FMS, lighting, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2027	2022-2025	2028
Budget (2020\$)***	\$240,000	\$16,005,200	\$40,135,203	\$228,073,130
Budget (YOE)	\$240,000	\$21,615,023	\$45,956,077	\$321,149,774



303-EST-B



PROJECT

SR-303L: Northern Avenue to Olive Avenue



PROJECT STATUS

PLANNED



PROJECT LENGTH

2.0 MILES



DELIVERY METHOD

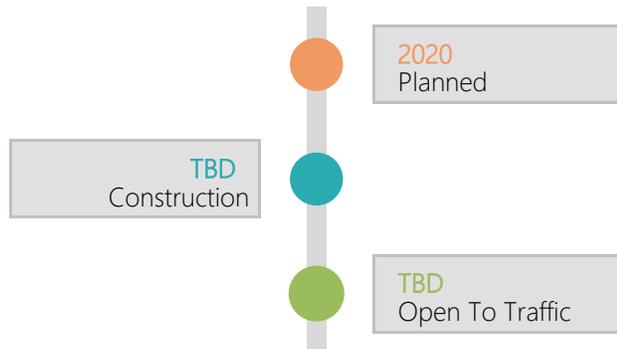
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$21,534,758 (2020\$)

\$21,534,758 (YOE)



PROJECT SCOPE*

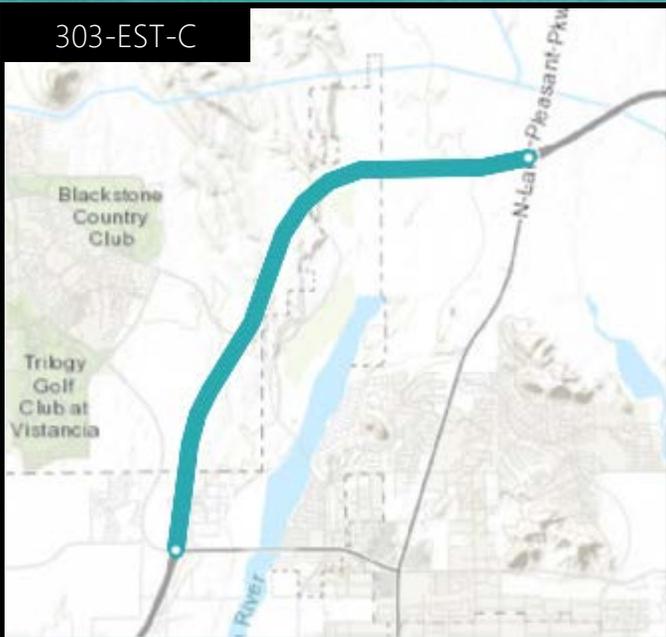
The scope of this project is to construct the north half of the TI at Olive Avenue and a single lane southbound frontage road between Olive Avenue and Northern Avenue on SR-303L. The project includes construction of auxiliary lanes between Peoria Avenue and Olive Avenue; the north side Olive Avenue ramps, which will require at-grade crossings of the Burlington Northern Sante Fe Company Ennis Spur; the north half of the ultimate Olive Avenue which crosses under SR-303L; and a single lane one-way southbound frontage road between Olive Avenue and Northern Avenue. The frontage road will require realignment of a portion of the existing freeway drainage channel. The Olive Avenue widening will require additional right of way along its south side. The project work also includes lighting, signal, signing, landscape restoration, and ADA improvements.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	DEFERRED	DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***	\$154,485	\$1,658,139	\$2,564,000	\$17,158,134
Budget (YOE)	\$154,485	\$1,658,139	\$2,564,000	\$17,158,134



303-EST-C



PROJECT

SR-303L: Happy Valley Parkway to Lake Pleasant Parkway



PROJECT STATUS
CONSTRUCTION



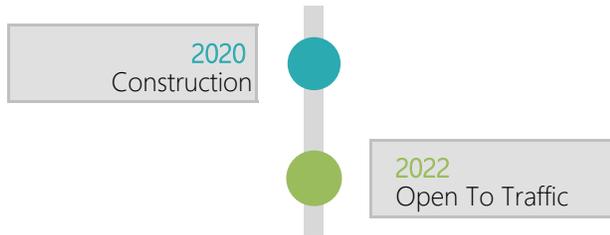
PROJECT LENGTH
6.3 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$41,082,923 (2020\$)
\$41,082,923 (YOE)



PROJECT SCOPE*

The scope of this project is to construct one general purpose lane in each direction in the median of SR-303L from Happy Valley Parkway to Lake Pleasant Parkway. The project will construct a new TI at Jomax Road. The new TI will be signalized and will accommodate two through lanes in each direction. The project work includes new concrete pavement, sound walls, drainage improvements, FMS improvements, ramp gore lighting, ADA improvements, class-II seeding, and signing and striping.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2017	2018		2020
Budget (2020\$)***	\$500,000	\$4,400,000		\$36,182,923
Budget (YOE)	\$500,000	\$4,400,000		\$36,182,923



85-RTE-A



PROJECT SR-85: Warner Street Bridge



PROJECT STATUS
PLANNED



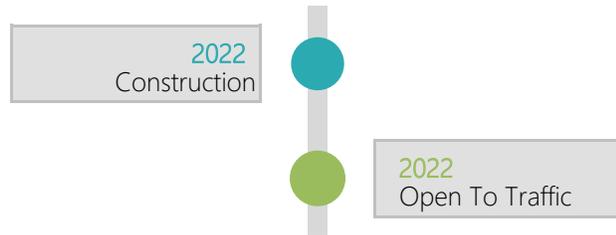
PROJECT LENGTH
0.2 MILES



DELIVERY METHOD
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET
\$5,930,000 (2020\$)
\$5,930,000 (YOE)



PROJECT SCOPE*

The scope of this project is to construct a new bridge over SR-85 at the Warner Street alignment (Milepost 153.5) while maintaining traffic on SR-85. The project will provide grade separated connectivity across SR-85 and accommodate future development in the City of Buckeye. The project will complete the existing SR-85 roadway embankment adjacent to the bridge construction, construct approximately 15 feet of temporary cross road at each end of the bridge to accommodate storm water from the bridge, and restrict access to the bridge until the City of Buckeye completes the Warner Street cross road. The project will be coordinated with the City of Buckeye’s design and subsequent construction of Warner Street.

The program amount provided is a FLCP financial commitment to the budget of this project.

PROJECT BUDGET**

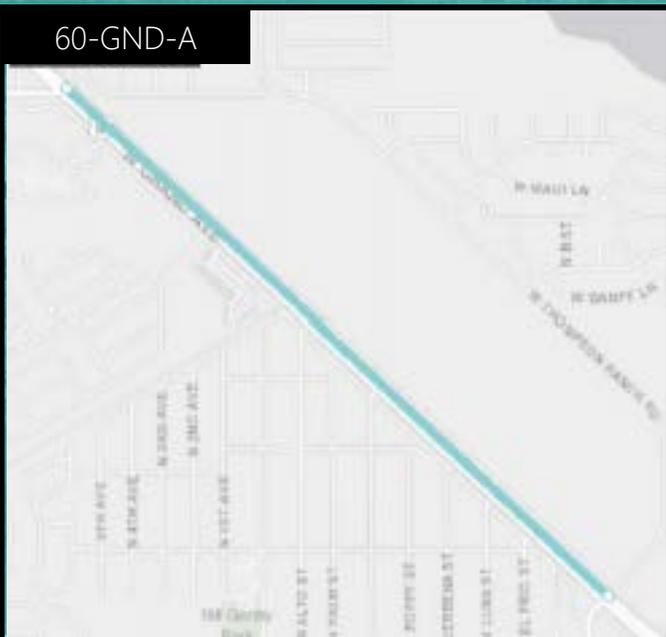
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		2016-2021		2022
Budget (2020\$)***		\$630,000		\$5,300,000
Budget (YOE)		\$630,000		\$5,300,000



60-GND-A

PROJECT

US-60: Greenway Road to Thompson Ranch Road



PROJECT STATUS

COMPLETED



PROJECT LENGTH

-- MILES



DELIVERY METHOD

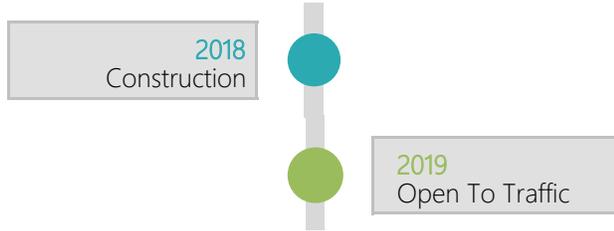
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$6,000,000 (2020\$)

\$6,000,000 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the existing frontage road on US-60/Grand Avenue between Greenway Road and Thompson Ranch Road/Thunderbird Road. The work includes placing asphaltic concrete, constructing sidewalk, sidewalk ramps, and concrete curb and gutter. Additional work includes installing drainage facilities, signing, lighting, pavement marking, and other related work.

PROJECT BUDGET**

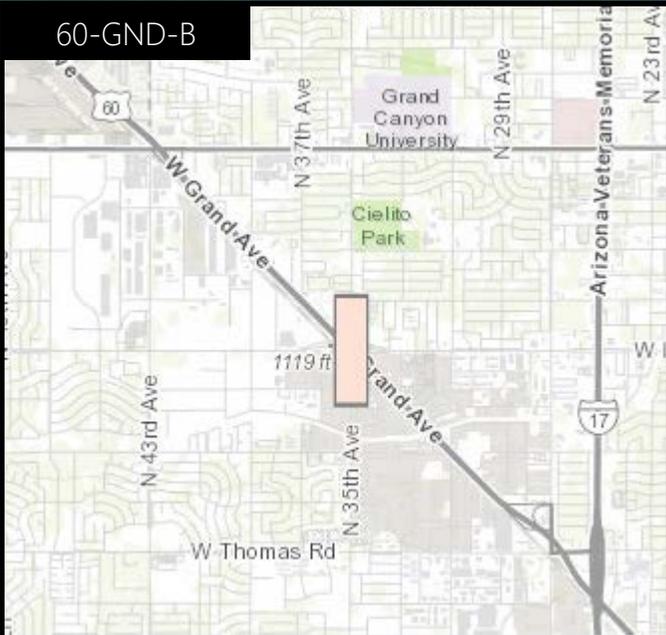
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled			2017	2018
Budget (2020\$)***			\$300,000	\$5,700,000
Budget (YOE)			\$300,000	\$5,700,000



60-GND-B

PROJECT

US-60: 35th Avenue and Indian School Road Intersection



PROJECT STATUS

PREDESIGN & ENVIRONMENTAL



PROJECT LENGTH

-- MILES



DELIVERY METHOD

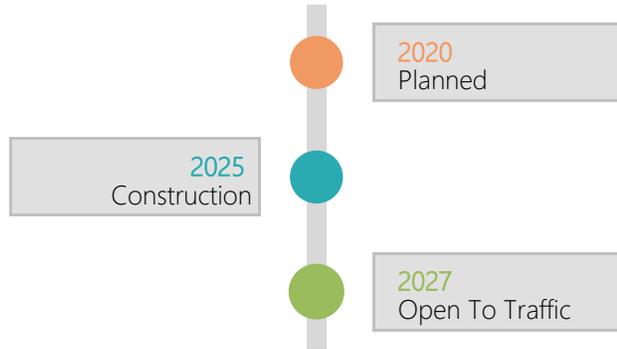
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$158,962,885 (2020\$)

\$189,875,729 (YOE)



PROJECT SCOPE*

The scope of this project is to reconstruct the TI at 35th Avenue and Indian School Road on US-60/Grand. The four-leg intersection of 35th Avenue and Indian School will be grade separated above US-60 and the Burlington Northern Sante Fe Company Railway.

PROJECT BUDGET**

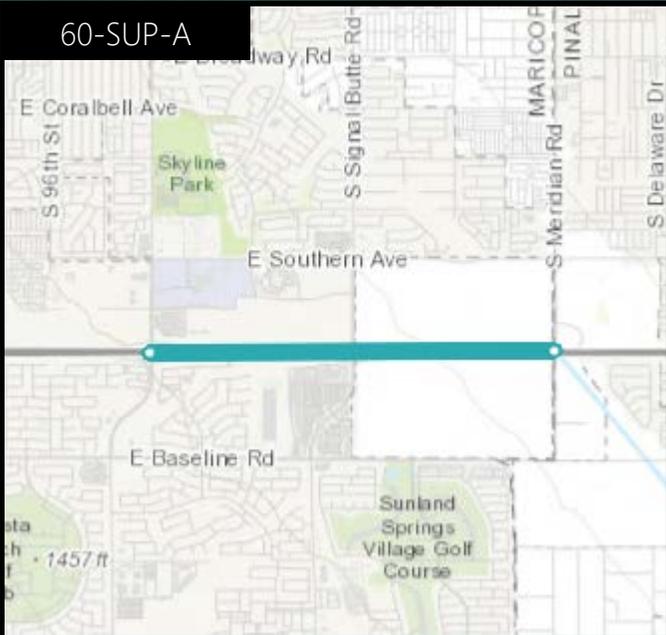
	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled	2020	2023	2023	2025
Budget (2020\$)***	\$2,214,285	\$6,004,400	\$65,181,700	\$85,562,500
Budget (YOE)	\$2,214,285	\$6,862,429	\$74,496,165	\$106,302,850



60-SUP-A

PROJECT

US-60: Crismon Road to Meridian Road



PROJECT STATUS

PLANNED



PROJECT LENGTH

2.0 MILES



DELIVERY METHOD

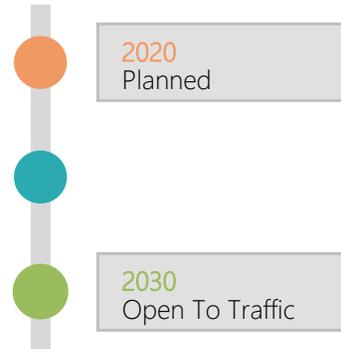
DESIGN-BID-BUILD



APPROVED PROGRAM BUDGET

\$30,781,100 (2020\$)

\$45,173,579 (YOE)



PROJECT SCOPE*

The scope of this project is to add one general purpose lane in each direction on US-60/Superstition between Crismon Road and Meridian Road, extend the eastbound HOV lane between Ellsworth Road and Meridian Road, extend the westbound HOV lane from Crismon Road to Signal Butte Road, and construct auxiliary lanes in each direction between successive service interchange entrance and exit ramps. The project includes culvert extensions and sound wall construction.

PROJECT BUDGET**

	Predesign & Environmental	Design	Right of Way & Utility	Construction
Fiscal Year Scheduled		DEFERRED	DEFERRED	DEFERRED
Budget (2020\$)***		\$1,985,700	\$500,000	\$28,295,400
Budget (YOE)		\$2,796,064	\$704,050	\$41,673,465



MAG Regionwide

The development process involves a number of steps that are necessary to prepare projects for future construction. Key elements of the development process include: (1) Preliminary Engineering - preparation of preliminary plans defining facility design concepts, right of way requirements, and environmental factors; (2) Advance Right of Way Acquisition - acquisition of right of way to respond to development pressures in a corridor; (3) Property Management/Plans and Titles - procedures to acquire property and manage it until needed for construction; and (4) Risk Management - programs to minimize risk of litigation. The table below summarizes the funding blocks available for these steps, regionwide.

SYSTEMWIDE

	<i>Dollars in Millions (\$000)</i>					<i>Summary</i>
	<i>Funding</i>	<i>FY2021</i>	<i>FY2022</i>	<i>FY2023</i>	<i>FY2024</i>	
MAG REGIONWIDE, Design Change Orders	\$2.480	\$2.500	\$2.500	\$2.500	\$2.500	\$12.500
MAG REGIONWIDE, Freeway Management System Preservation	\$0.720	\$0.720	\$0.720	\$0.720	\$0.720	\$3.600
MAG REGIONWIDE, Freeway Service Patrols	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$5.000
MAG REGIONWIDE, Litter, Sweeping, & Landscaping	\$13.002	\$13.188	\$13.374	\$12.860	\$13.045	\$65.469
MAG REGIONWIDE, Litter, Sweeping, & Landscaping (South Mountain)	\$0.712	\$0.726	\$0.740	\$0.755	\$0.770	\$3.703
MAG REGIONWIDE, Minor Freeway Improvements	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$25.000
MAG REGIONWIDE, Posting Travel Times on DMS	\$0.170	\$0.170	\$0.170	\$0.170	\$0.170	\$0.850
MAG REGIONWIDE, Preliminary Engineering (ADOT Staff)	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$7.500
MAG REGIONWIDE, Preliminary Engineering (Consultant)	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$10.000
MAG REGIONWIDE, Right of Way Advance Acquisition	\$0.533	\$1.500	\$1.500	\$1.500	\$1.500	\$6.533
MAG REGIONWIDE, Right of Way Plans & Titles	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$4.500
MAG REGIONWIDE, Right of Way Property Management	\$0.400	\$0.400	\$0.400	\$0.400	\$0.400	\$2.000
MAG REGIONWIDE, Risk Analysis Process	\$0.070	\$0.070	\$0.075	\$0.075	\$0.075	\$0.290
MAG REGIONWIDE, Risk Management Indemnification	\$2.300	\$2.300	\$2.300	\$2.300	\$2.300	\$11.500
MAG REGIONWIDE, TOTAL	\$30.807	\$31.974	\$32.179	\$31.680	\$31.880	\$158.445

Revenue

Maricopa County Transportation Excise Tax Official Regional Area Road Fund (RARF) Forecast*

September 2018 vs September 2019

(YOE Dollars in Millions, Freeway Program Allocation Only)

Fiscal Year	September 2018 Forecast	September 2019 Forecast	Increase(Decrease)
2021	290.5	296.3	5.8
2022	305.4	311.9	6.5
2023	321.4	327.3	5.9
2024	336.7	343.9	7.2
2025	353.3	360.9	7.6
2026	214.6	221.0	6.4
Totals	1,821.90	1,861.30	39.40

*Omits RARF proceeds withheld to cover administrative costs incurred by the Arizona Department of Revenue

Highway User Revenue Fund (HURF) Official Forecast - MAG Controlled Access Allocation (15 Percent Funds)

September 2018 vs. September 2019

(YOE Dollars in Millions)

Fiscal Year	September 2018 Forecast	September 2019 Forecast	Increase(Decrease)
2021	92.8	92.2	(0.6)
2022	95.3	94.7	(0.6)
2023	98.1	97.6	(0.5)
2024	101.1	100.6	(0.5)
2025	104.1	103.6	(0.5)
2026	107.1	106.7	(0.4)
Totals	598.50	595.40	-3.10

Revenue (Continued)

Arizona Department of Transportation Discretionary Funds

June 2018 vs. June 2019 Cash Flow Certification Forecasts

(YOE Dollars in Millions)

Fiscal Year	June 2018	June 2019	Increase(Decrease)
2021	255.4	265.4	10.0
2022	165.5	167.3	1.8
2023	239.9	238.3	(1.6)
2024	332.3	240.1	(92.2)
2025	265.0	316.4	51.4
2026	235.9	264.9	29.0
Totals	1,494.00	1,492.40	-1.60

Freeway Life Cycle Program

May 2020 MAG Cash Flow Scenario

