

State of the Streets ADOT South Central District



Presentation by Rod Lane
South Central District Engineer
January 20, 2022

What is ADOT responsible for?

- 30,000 maintenance lane miles
- 6,800 centerline miles
- 4,800 bridges

Pavement Conditions Across AZ

Situation: Pavement ratings are moving from a **Good** condition to **Fair** or **Poor**.

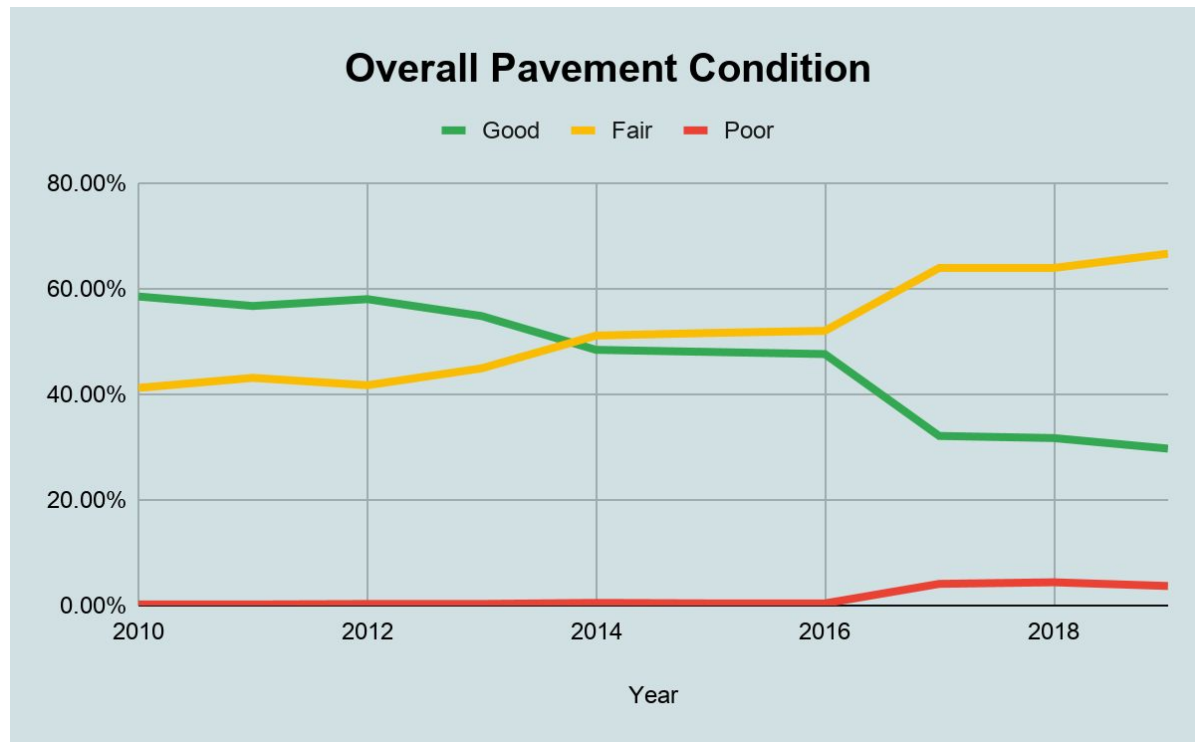


ADOT Network Pavement Ratings 2010-19

 Good

 Fair

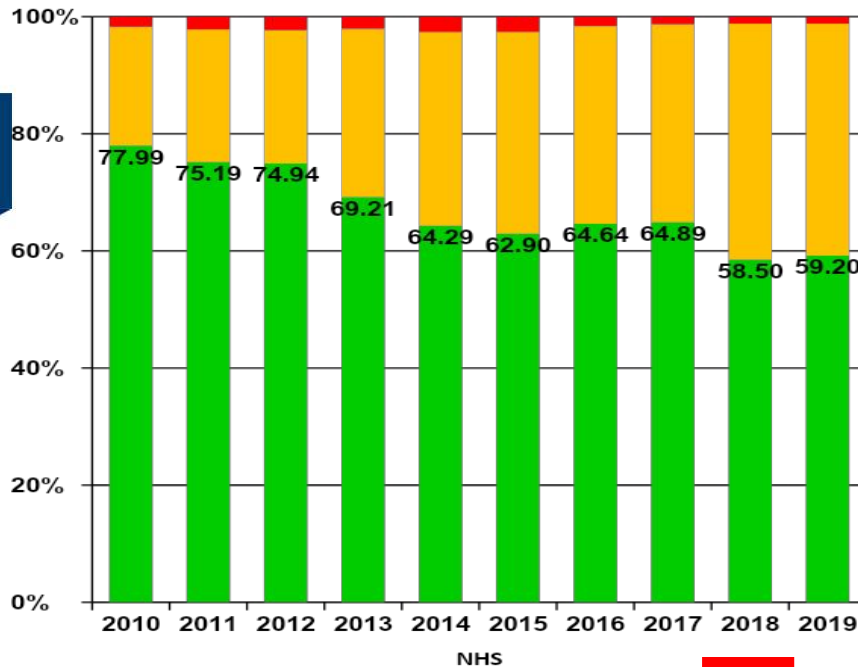
 Poor



- Fair condition increases over time due to lack of preservation and maintenance.
- Good condition decreases over time due to lack of preservation and rehabilitation.

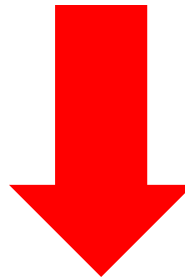
ADOT

Bridge Condition

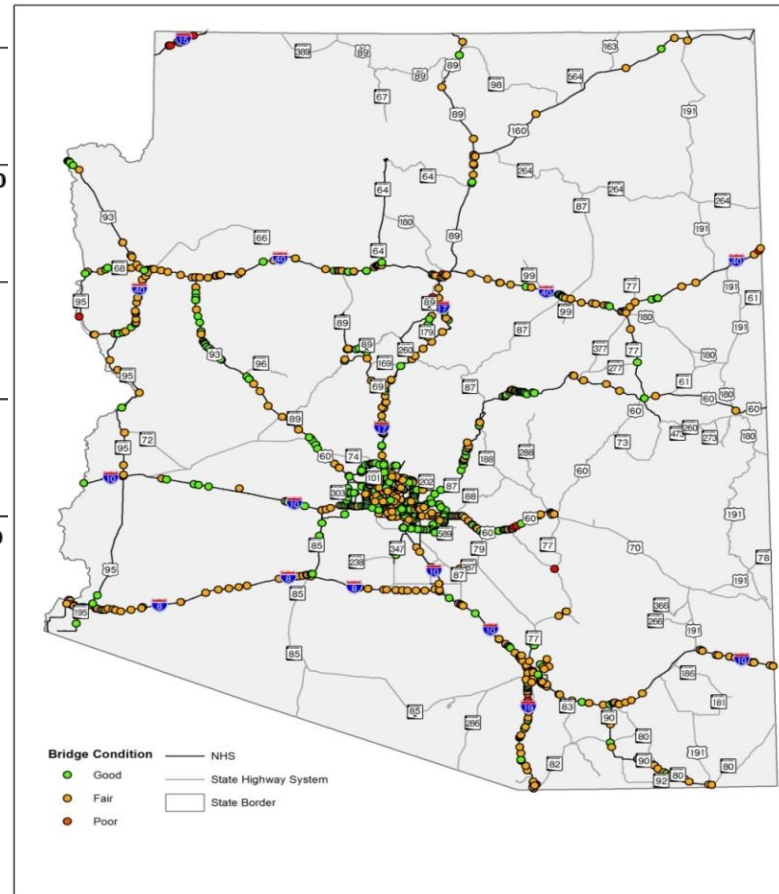


2019 Bridge Condition

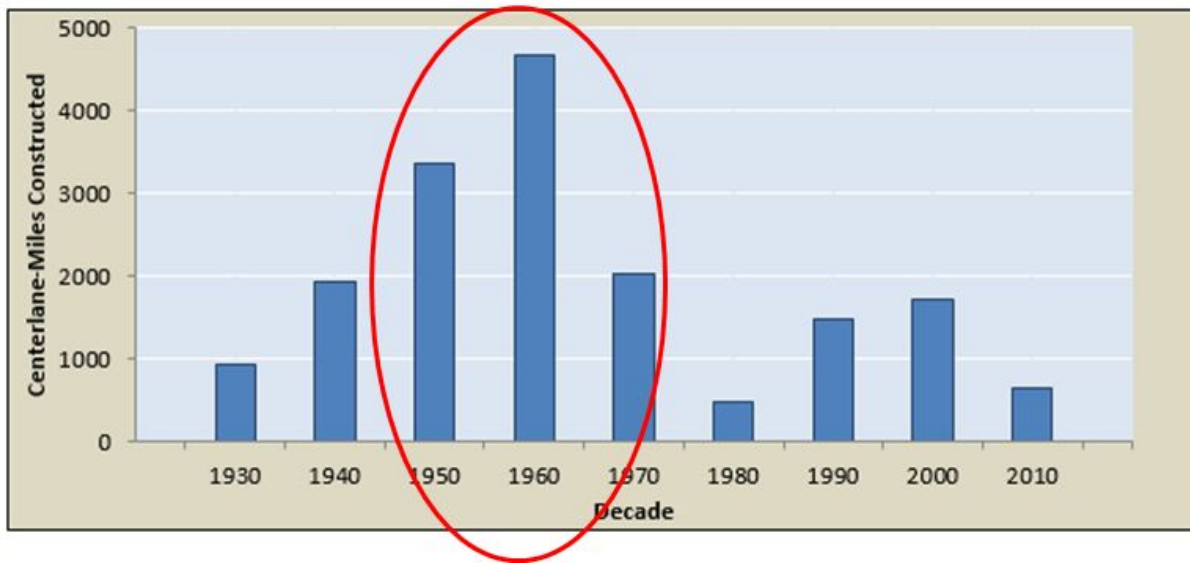
Good
Fair
Poor



59% Good



Infrastructure Age



Many Arizona bridges were built in 1960s or prior – **System is getting old.**

2022-2026

Five-Year Transportation Facilities Construction Program

ADOT

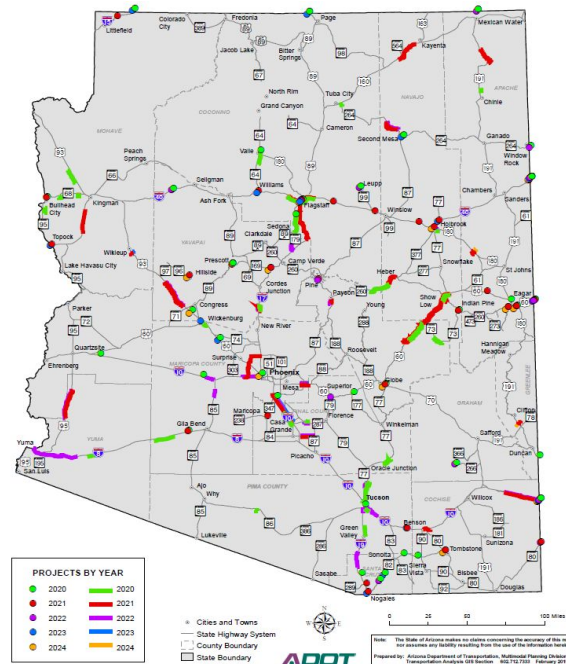


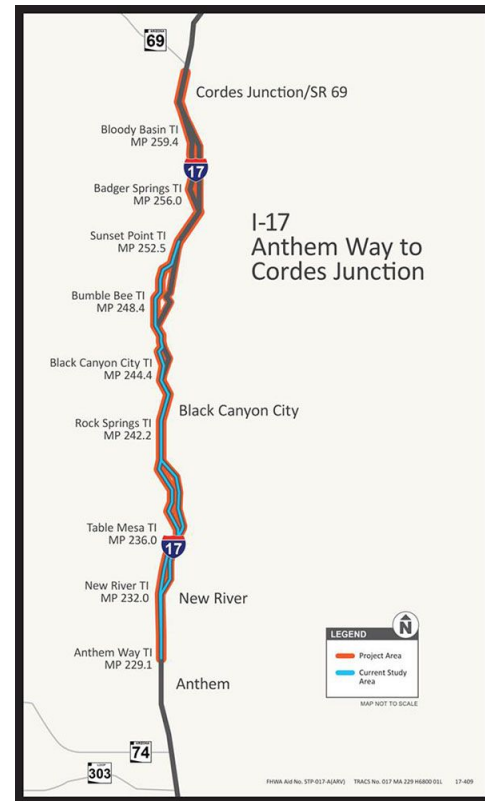
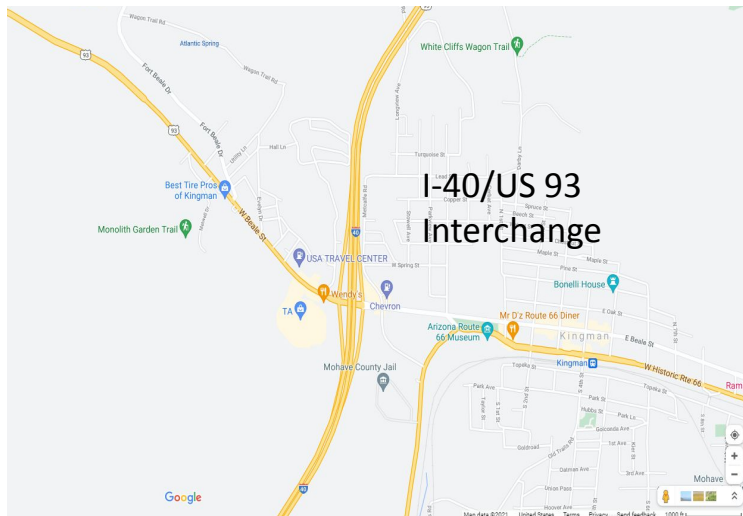
2022-2026 Program

\$5 Billion over the next five years

Program Overview:

- ★ Average \$250 million/year for Pavement Rehabilitation
- ★ Average \$85 million/year for Bridge Rehabilitation
- ★ Average \$48 million/year for Safety Projects
- ★ Average \$20 million/year for Minor Project Program





I-17 Improvements

Anthem Way to Sunset Point

Major improvements include:

- ★ Adding general purpose lanes (one in each direction) from Anthem Way to Black Canyon City
- ★ Adding flex lanes (Two new lanes parallel to current South Bound) from Black Canyon City to Sunset Point
- ★ Adding additional ITS along the corridor
- ★ Bridge Preservation to some existing structures

Current Program is \$342 million with expected contract approval in fall 2021



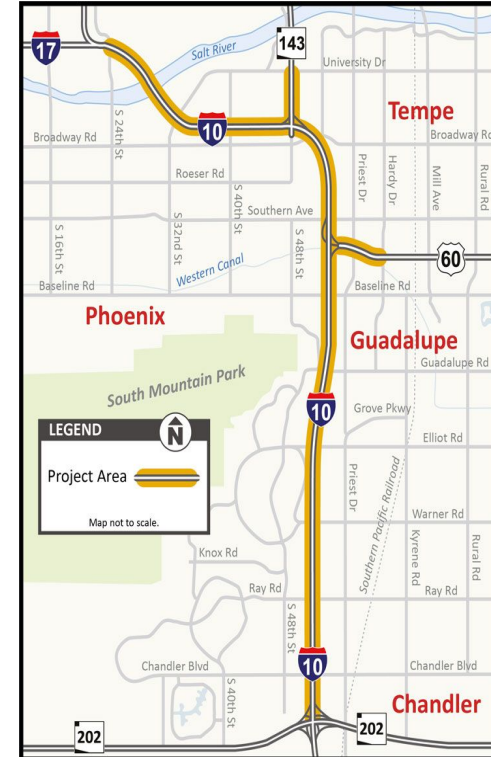
I-10 Broadway Curve

I-17 Split to SR 202

Major improvements include:

- ★ Adding general purpose and high occupancy vehicle (HOV) lanes to improve traffic flow.
- ★ Adding a Collector-Distributor (C-D) road system to reduce lane changes.
- ★ Modifying connections between I-10, State Route 143 and Broadway Road to improve HOV lane connections.
- ★ Modifying connections of I-10 and US 60 (Superstition Freeway).

Current Program is over \$730 million; contract approved in January of 2021



Pavement Projects

- SR 69 Prescott Valley -- \$4.7M
- US 95 Mohave Co -- \$46.7M
- SR 77 Oro Valley -- \$13.6M
- SR 90 Sierra Vista -- \$10.6M
- SR 186 Wilcox -- \$3.5M
- Life Extension Projects -- \$90M

Expansion

- I-10 Widening -- \$50M
- SR 347 Riggs Rd -- \$35M
- US 95 Yuma -- \$10M

Other Studies

- Loop 303 and US 60 -- \$150K
- N/S Corridor (Tier II) -- \$4M
- SR 88 -- \$700K
- SR 377 Heber -- \$140K

Total

- State Highway -- **\$269 M**

Infrastructure Investment and Jobs Act

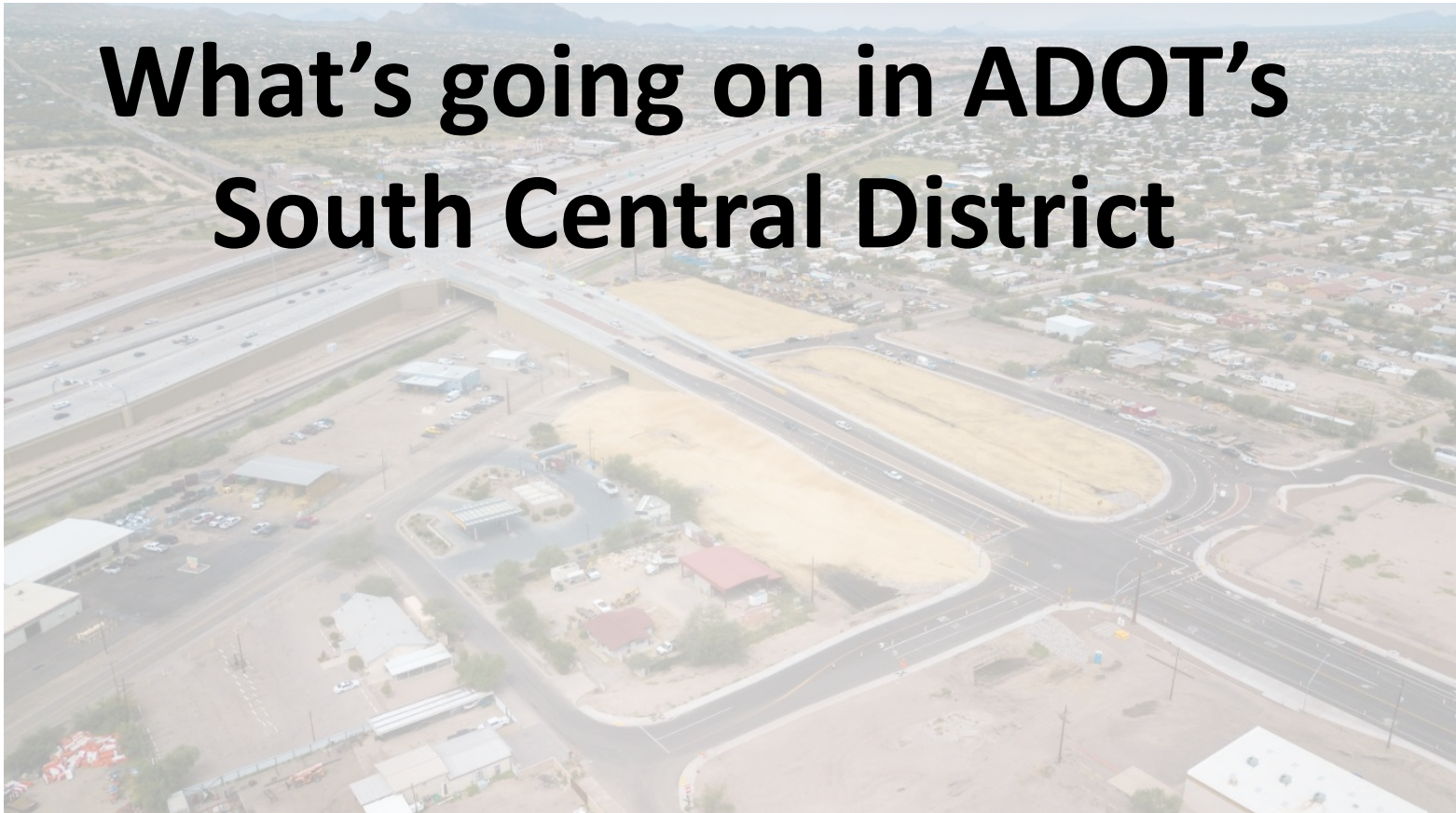
- Roads, Bridges, & major projects: \$110B
- Passenger and Freight Rail: \$66B
- Safety and Research: \$11B
- Public Transit: \$39.2B
- Broadband: \$65B
- Airports: \$25B
- Water Infrastructure: \$54B

Discretionary appropriations – \$55.52B

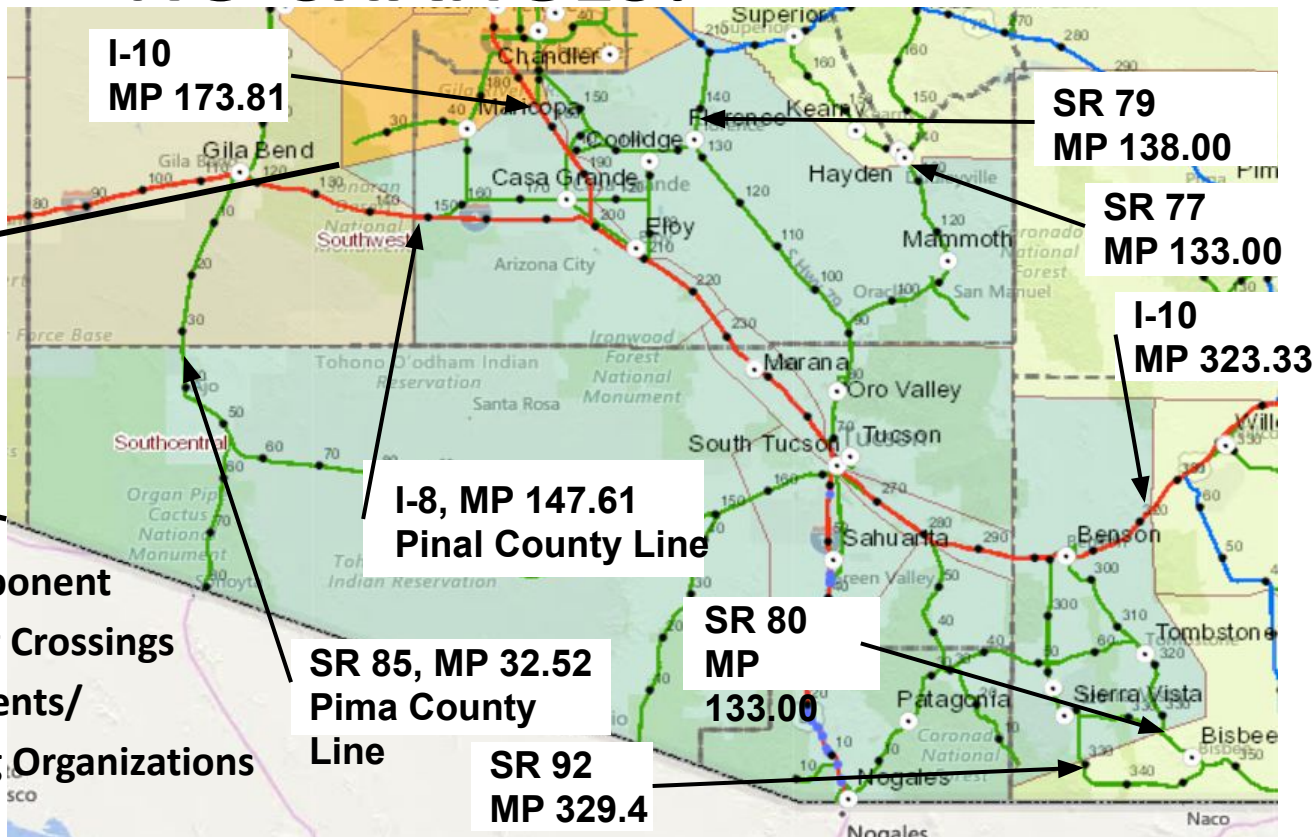
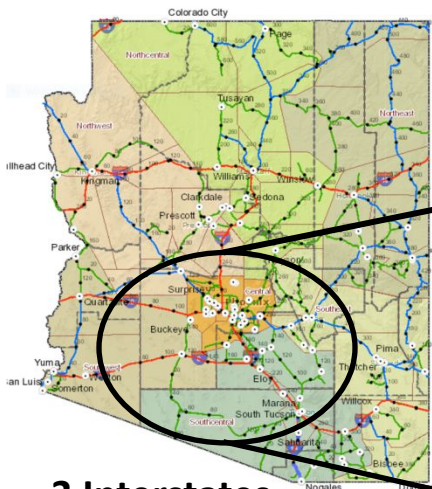
(10x -50x current levels)

- Bridge grant programs – \$36.735B
- Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grants – \$7.5B
- National Infrastructure Project Assistance grant program – \$5B
- Infrastructure for Rebuilding America (INFRA) Grant Program – \$3.2B

What's going on in ADOT's South Central District



NO CHANGES!



- **3 Interstates**
- **Significant Rural Component**
- **4 International Border Crossings**
- **5 Council of Governments/ Metropolitan Planning Organizations**
- **5 Tribal Nations**

Management Changes Relative to District Operations

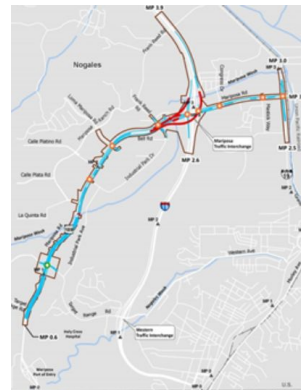
**New Permits Supervisor
Michelle Garza**

**New District Environmental Coordinator
Julia Manobianco**

SR 189: International Border to Grand Avenue

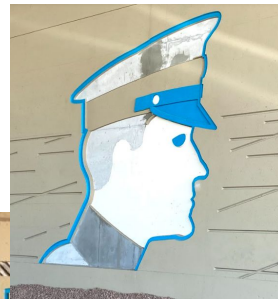


- Design Build Team: Ames/Horrocks
- Contract Value: \$82M
- Delivery Method: Design Build
- ADOT's GEC: AECOM



I-10/Ruthrauff Rd and Camino Del Cerro T.I.

- Contractor: Sundt Const.
- Contract Value: \$80M
- Delivery Method: Low Bid, A+B
- New Diamond interchange with bridge over UPRR and Highway Drive.



I-10/Houghton Rd T.I.

- Contractor: Ames Const
- Contract Value: \$23.4M
- Delivery Method: Low Bid



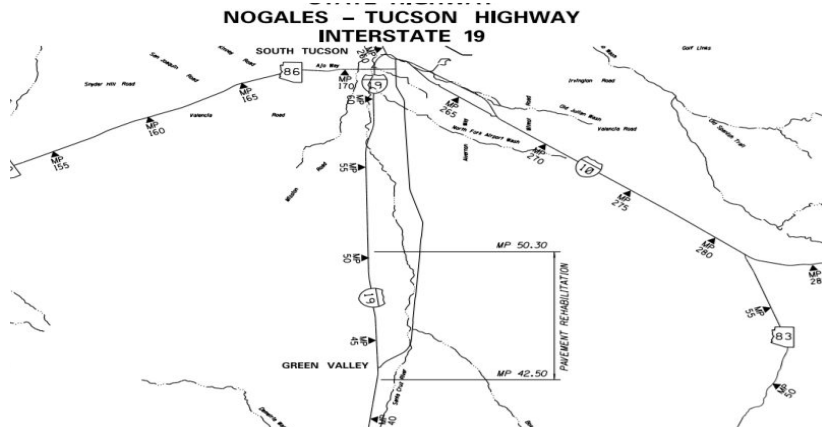
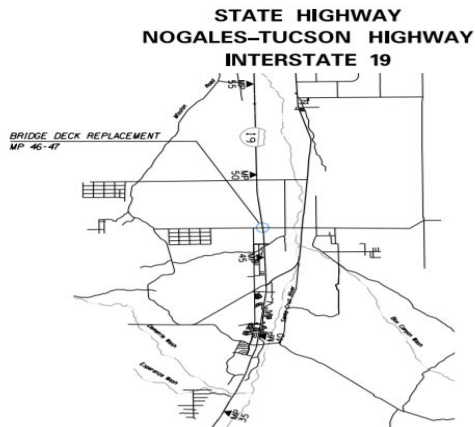
Region's First Diverging Diamond T.I.



I-19/Sahuarita Rd: Deck Rehab

I-19 MP 42.5 - MP 50.3: Pvmnt Pres

- Contractor: Fisher Sand and Gravel
- Contract Value: \$13.12M
- Delivery Method: Low Bid
- Expected Completion: Early 2022



- Contractor: Granite Construction
- Programed Amount: \$34.37M
- Delivery Method: Low Bid
- Expected Completion: Early 2023

**STATE HIGHWAY
TUCSON-ORACLE JCT-GLOBE HWY
SR 77**



JCT I-10 – RIVER ROAD
PROJECT NO.077 PM 068 F0248 01C
FEDERAL AID NO.077-A(218)T

**STATE HIGHWAY
TUCSON – ORACLE JCT – GLOBE HWY
SR 77**



RIVER ROAD TO CALLE CONCORDIA
PROJECT NO.077 PM 072 H8919 01C
FEDERAL AID NO.077-A(215)T

- Contractor: Sunland A & C LLC
- Programed Amount: \$11.77M
- Delivery Method: Low Bid
- Expected Completion: Early 2023

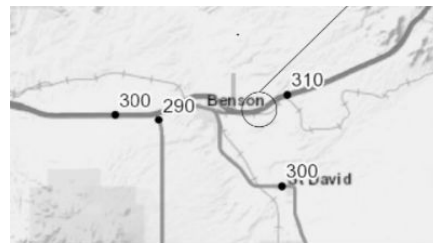
STATE HIGHWAY
TUCSON-ORACLE JCT-GLOBE HWY
SR 77



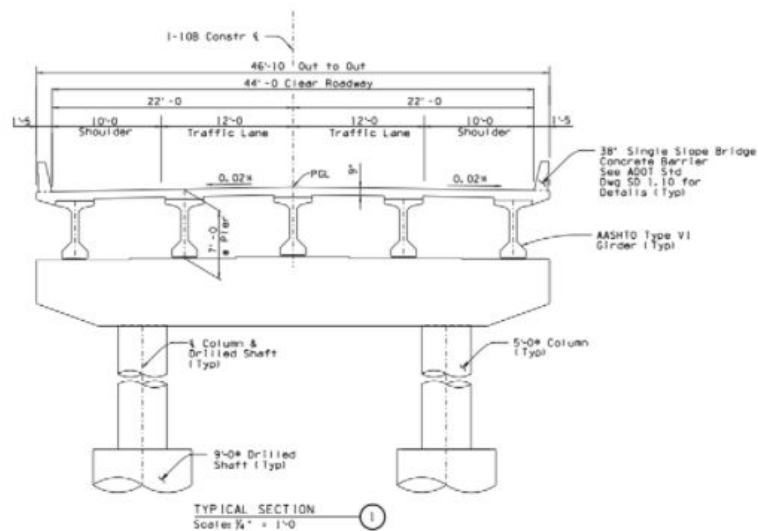
CALLE CONCORDIA - TANGERINE ROAD

PROJECT NO. 077 PM 077 F0283 01C
FEDERAL AID NO. 077-A(219)T

- Contractor: FNF Construction
- Contract Amount: \$6.14M
- Delivery Method: DBB
- Expected Completion: Fall 2022



SAN PEDRO RIVER BRIDGE
PROJECT NO. 10B CH 306 H8451 01 C
FEDERAL AID NO. B10-C(200)T

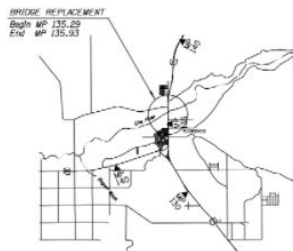


- Contractor/Designer: *waiting on STB approval*
- Contract Amount: \$14.98M
- Delivery Method: Design Build
- Expected Completion: Fall 2022



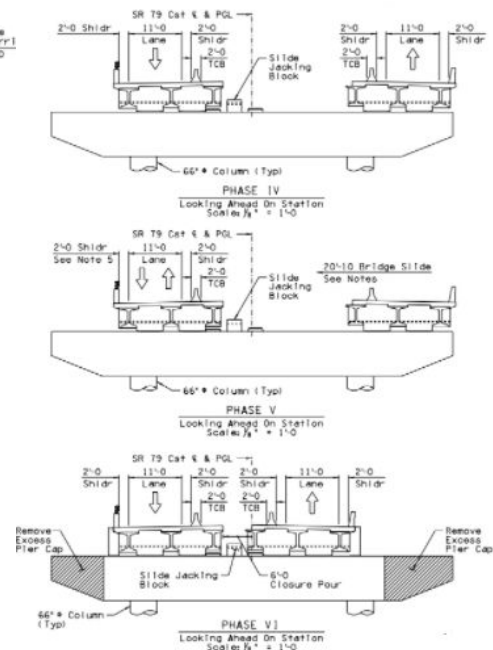
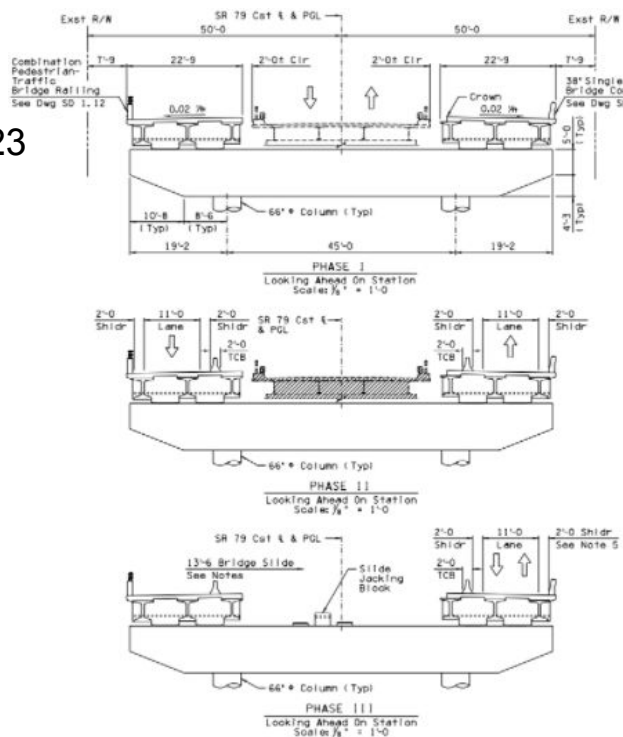
- Contractor: FNF Construction
- Contract Amount: \$22.15M
- Delivery Method: CMAR
- Expected Completion: Summer 2023

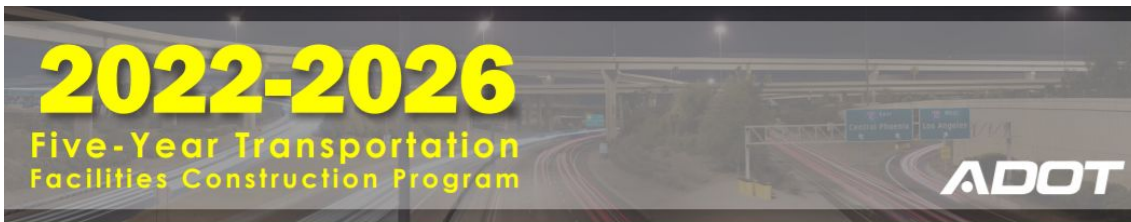
STATE HIGHWAY
ORACLE JUNCTION-FLORENCE JUNCTION HIGHWAY
SR 79



GILA RIVER BRIDGE STR. NO. 501

PROJECT NO. 079 PN 135 F0102 01C
FEDERAL AID NO. 079-A(210)T





COG/ MPO	ROW FY	Design FY	Const FY	I-10		ROW \$	Design \$	Const \$	Page #
		23	24	I-10; MP164 - MP186	M	ITS	0.288	\$3.87 M	38
CAAG		26	Future	I-10: Red Rock TI	P	Bridge Rehab	0.5	\$2.00 M	41
PAG		Prior	22	I-10: Tangerine Rd (MP 242) to Ina Rd (MP 252)	P	Pvmt. Rehab.	Prior	\$8.77 M	42
PAG		Prior	22	I-10: Ajo to MP 272	P	Pvmt. Rehab.	Prior	\$21.71 M	43
PAG		Prior	24	I-10: Amole RR OP	P	Bridge Rehab	Prior	\$7.50 M	44
SEAGO		23	24	I-10; MP 302.95 - MP 303.4	E	Climbing Lane	0.236	\$0.82 M	45
PAG		Prior	22-24	I-10: Ina to Ruthrauff	E	ML widening	Prior	\$188.42 M	276
PAG	25-26			I-10: Barraza Aviation Pkwy Ext/Wdng, Alvernon to Valencia	E	ROW	\$20.78 M		277
PAG	26	26		I-10: Country Club	E	Des/ROW-New TI	\$47.894 M	\$10.00 M	278



Current 5 yr program in South Central District

ARIZONA DEPARTMENT OF TRANSPORTATION

COG/ MPO	ROW FY	Design FY	Const FY	I-8 & I-19			ROW \$	Design \$	Const \$	Page #
SEAGO		FY 24	FY 26	I-19: Western Ave TI OP	P	Bridge Rehab		\$.50 M	3.5 M	61
PAG		Prior	FY 22	I-19: Pima Mine Road to Valencia Road	P	Pvmt. Rehab.		Prior	\$3.64 M	62
PAG		Prior	FY 22	I-19: Valencia to SR 86	P	Pvmt. Rehab.		Prior	\$11.25 M	63
PAG	23-24	22-24	FY 25	I-19: Irvington Rd TI	E	Interchange Upgrade	8.189 M	7.598 M	\$47.61 M	279

COG/ MPO	ROW FY	Design FY	Const FY	Pima County			ROW \$	Design \$	Const FY	Page #
PAG		Prior	FY 22	SR 77 : Saddlebrooke Blvd - Redington Rd (MP 88.88 to 101.45)	P	Pvmt. Rehab.		Prior	6.321 M	104
PAG		Prior	FY 23	SR 86 from BIA 135 to BIA 030 (MP 90 - MP 105)	P	Pvmt. Rehab.		Prior	\$13.00 M	112
PAG		Prior	FY 22	SR 86 Ajo Way to I-19 (MP 166.5 - MP 171.62)	P	Pavement Rehab		Prior	2.46M	113
PAG		Prior	22-23	SR86: Kitt Peak Linkage Wildlife Crossing Retrofit Phase 2	M	Bridge Replace		Prior	\$4.788 M	280

COG/MPO	ROW FY	Design FY	Const FY	Pinal County			ROW \$	Design \$	Const FY	Page #
SCMPO		FY23	FY24	SR87 and Kleck Road	M	Left Turn Lanes		\$0.25 M	\$0.45 M	114
SCMPO		Prior	FY 22	SR 87: High Line Canal, McClellain Wash, Santa Cruz Bg	P	Scour Retrofit and Deck Rehab		Prior	\$1.30 M	115
SCMPO		Prior	FY 22	SR 287: Hacienda to SR 87	M	Rumblestrips		Prior	\$0.53 M	166
SCMPO		Prior	FY 22	SR287/SR87: @ Kenworthy Rd and @ Christensen Rd	M	Left Turn Lanes		Prior	\$0.88 M	168
		Prior	FY 22	SR 287: SR-87 to SR-79B milepost 134.58 to 142.96	P	Pvmt. Rehab.		Prior	\$1.91 M	169
CAAG		Prior	FY 23	SR 387 from I-10 to SR-87	P	Pvmt. Rehab.		Prior	\$9.10 M	170
SCMPO		FY 23	FY 24	SR 287: Intersection 287 and Kleck Rd	M	Left Turn Lanes		\$0.25 M	\$0.45 M	167



Current 5 yr program in South Central District

ARIZONA DEPARTMENT OF TRANSPORTATION

COG/MPO	ROW FY	Design FY	Const FY	Santa Cruz County			ROW \$	Design \$	Const FY	Page #
COG/MPO	ROW FY	Design FY	Const FY	Cochise County			ROW \$	Design \$	Const FY	Page #
SEAGO		Prior	FY 22	SR 80: San Pedro River Bridge	M	Bridge Replace		Prior	\$8.50 M	107
SVMPO		Prior	FY 22	SR 90: Kartchner Caverns to Camino De Pampas	P	Pvmt. Rehab.		Prior	\$3.75 M	131
SVMPO		FY 22	FY 24	SR 82: San Pedro Bridge	M	Bridge Rehab		\$0.70 M	\$7.00 M	110
SVMPO		Prior	FY 22	SR 90: Benson to Railroad Dr. (MP 289.7 - 298.09)	P	Pvmt. Rehab.		Prior	5.01 M	130
SVMPO		Prior	FY 22	SR 92: Glenn Road to Calle Del Tecolote (MP 325.2 to 328.24)	P	Pvmt. Rehab.		Prior	1.27 M	132

Further down the Road

I-10, Loop 202 to SR 387 Study Area

- Overview of the I-10 corridor alternatives and crossroad options developed and evaluated over the last year.
- Visit the project website:
i10wildhorsepasscorridor.com



I-10, Loop 202 to SR 387

NEXT STEPS

- Draft Environmental and Engineering Reports Comparing the Recommended Alternatives and No-Build alternative (Late 2021).
- Public Hearing to present results anticipated in summer/Fall 2022.

Preferred Alternative

- Corridor Alternative 7
- Reduces congestion and improves traffic level of service, provides direct access to growth areas near TUS and I-10, as well as the Town of Sahuarita, and balances environmental impacts related to the proposed transportation facility



Next Steps

- Final Tier 1 Environmental Impact Statement (EIS)/
Record of Decision (ROD) - **Anticipated for fall 2021**
 - The Final Tier 1 EIS/ROD will reflect any changes to the Draft Tier 1 EIS as needed as a result of comments received
 - Phased Implementation Plan (currently no funding or timeline for future phases)
 - The Final EIS/ROD will identify the *Selected Alternative* for the study



Draft Tier 1 Environmental Impact Statement
Public Hearing and Virtual Public Engagement | December
2020



Visit the project website: <https://azdot.gov/node/14424>

I-11 Corridor Recommended Alternatives

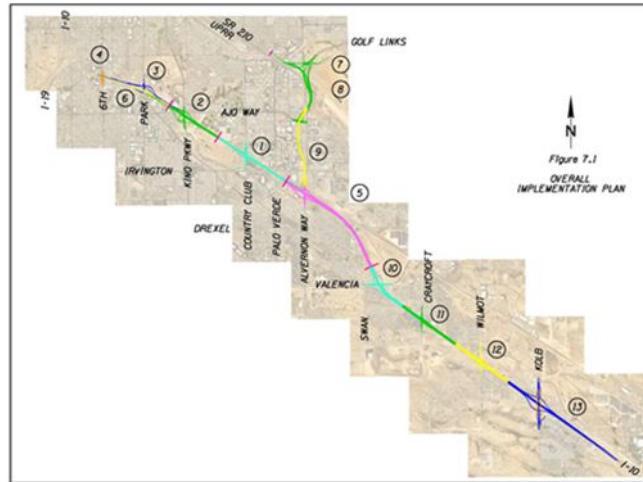
- Primarily encompasses portions of the Purple and Green Alternatives into a Recommended Alternative
- Best meets Purpose and Need while reducing the potential for adverse impacts
- Final EIS, Summer 2021
- R.O.D., Fall 2021



I-10/SR 210 Study Area

Project Schedule

- Final DCR and EA – Complete ✓
- DCR approved and Finding of No Significant Impact (FONSI) received – Late Summer 2020 ✓
- Change of Access report report signed ✓
- Recommends 18 projects over 15 to 20 years, Total Project Cost \$1,165,866,000



No.	Location	Description
1	Country Club Rd TI	Construct new TI and I-10 to 3 GP lanes in each direction
2	Kino Parkway TI	Reconstruct TI and I-10 to 3 GP lanes in each direction
3	Park Avenue TI	Reconstruct TI
4	6th Avenue TI	Widen crossroad and bridge over I-10
5	I-10 (Alvernon Way to Valencia Road)	Reconstruct I-10 to 3 GP lanes in each direction
6	I-10 (I-19 to Kino Parkway)	Widen I-10
7	SR 210 (Palo Verde Rd to Ajo Way) Stage 1	Construct Golf Links TI
8	SR 210 (Palo Verde Rd to Ajo Way) Stage 2	Construct new SR 210
9	SR 210 (Ajo Way to I10)	Construct new SR 210
10	I-10 (Valencia Road TI)	Reconstruct TI and I-10 to 3 GP lanes in each direction
11	I-10 (Craycroft Road TI)	Reconstruct TI and I-10 to 3 GP lanes in each direction
12	-10 (Wilmot Road TI)	Reconstruct TI and I-10 to 3 GP lanes in each direction
13	I-10 (Kolb Road TI)	Reconstruct TI and I-10 to 3 GP lanes in each direction
14	I-10 (Alvernon Way to Craycroft Rd)	Add one GP lane in each direction into the median
15	I-10 (Craycroft Rd to Kolb Rd)	Add one GP lane in each direction into the median
16	Kolb Road TI	Construct the Kolb Rd express lanes
17	I-10 (Alvernon Way to Craycroft Rd)	Add one GP lane in each direction into the median
18	I-10 (Craycroft Rd to Kolb Rd)	Add one GP lane in each direction into the median

<https://azdot.gov/planning/transportation-studies/i-10-and-sr-210-study/documents-i-10-and-sr-210-study>

Name	Position	email	cell phone #
Roderick (Rod) Lane	District Engineer	rlane@azdot.gov	520-904-1358
Jeremy D. Moore	Assistant District Engineer	jmoore3@azdot.gov	520-260-2384
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Davis Reinhart	Senior Resident Engineer	dreinhart@azdot.gov	520-460-6025
Chris Page	Senior Resident Engineer	cpage@azdot.gov	928-460-0660
Thomas Threlkeld	District Operations Superintendent	tthrelkeld@azdot.gov	520-349-1499
Tina Moore	District Management Analyst	tmoore@azdot.gov	520-240-9807
Deanna Franklin	District Administrative Services Officer	dfranklin@azdot.gov	520-373-0657
Rossio Araujo	District Development Specialist	raraujo@azdot.gov	520-603-9816
Michelle Garza	Permits Supervisor	mgarza@azdot.gov	520-307-5893
Julia Manobianco	District Environmental Coordinator	jmanobianco@azdot.gov	

Thank You