

Item 8 – State Engineer's Report

November 15, 2024

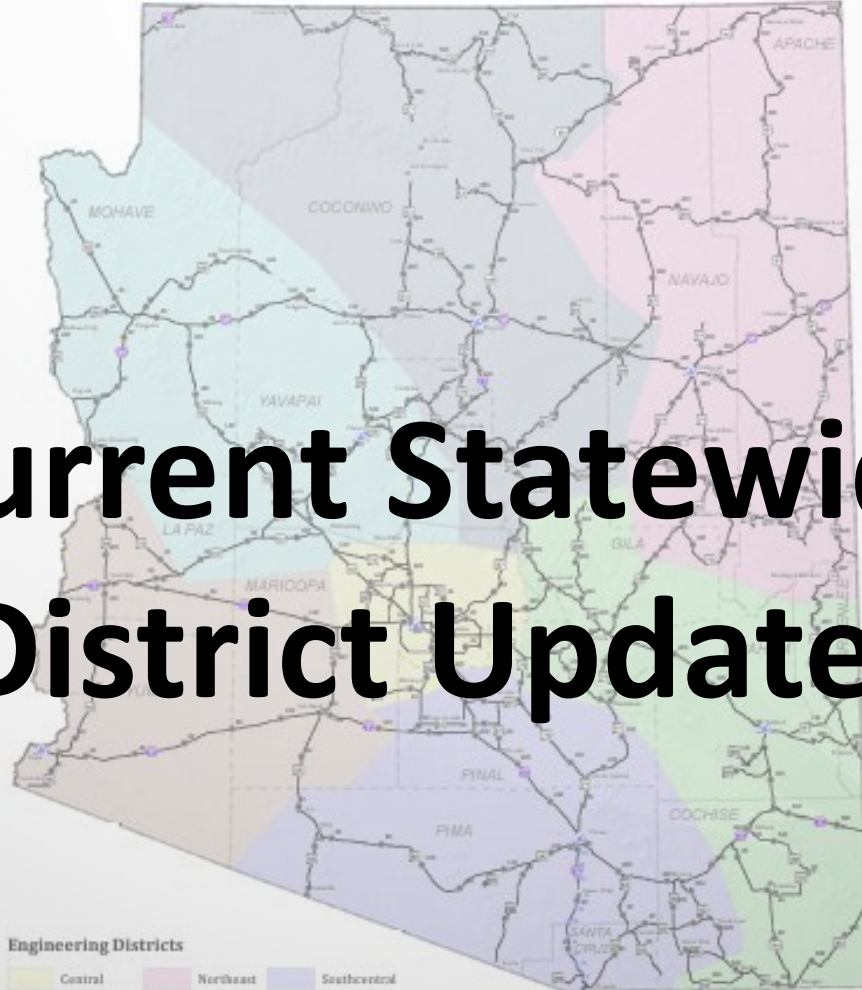
Summary of Active and Finalized Projects

- **97** projects under construction **\$2.5 B**
- **3** projects finalized in October **\$10.6 M**
- Fiscal Year to date: **39** projects finalized

Current Statewide District Updates

Engineering Districts

Central	Northeast	Southcentral
Northcentral	Northwest	Southeast
Southwest		



South Central District Current

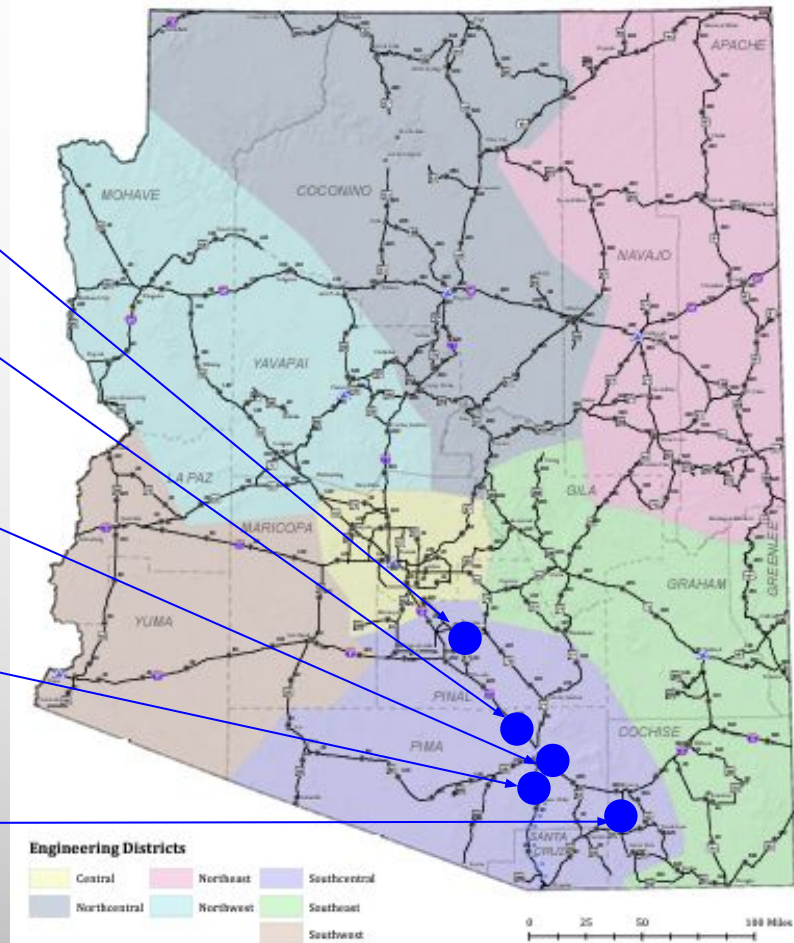
SR87 and Skousen
Traffic Signal

I-10 Widening:
Ina to Ruthrauff,
MP 248.03-MP 251.85

Country Club to Kino (Design
Build Procurement), I-10, MP
262-MP 264.5

Irvington TI (Design),
I-19, MP 60.83

Border Patrol Station to
Moson Rd., SR 90, MP
304.4-MP 325.9

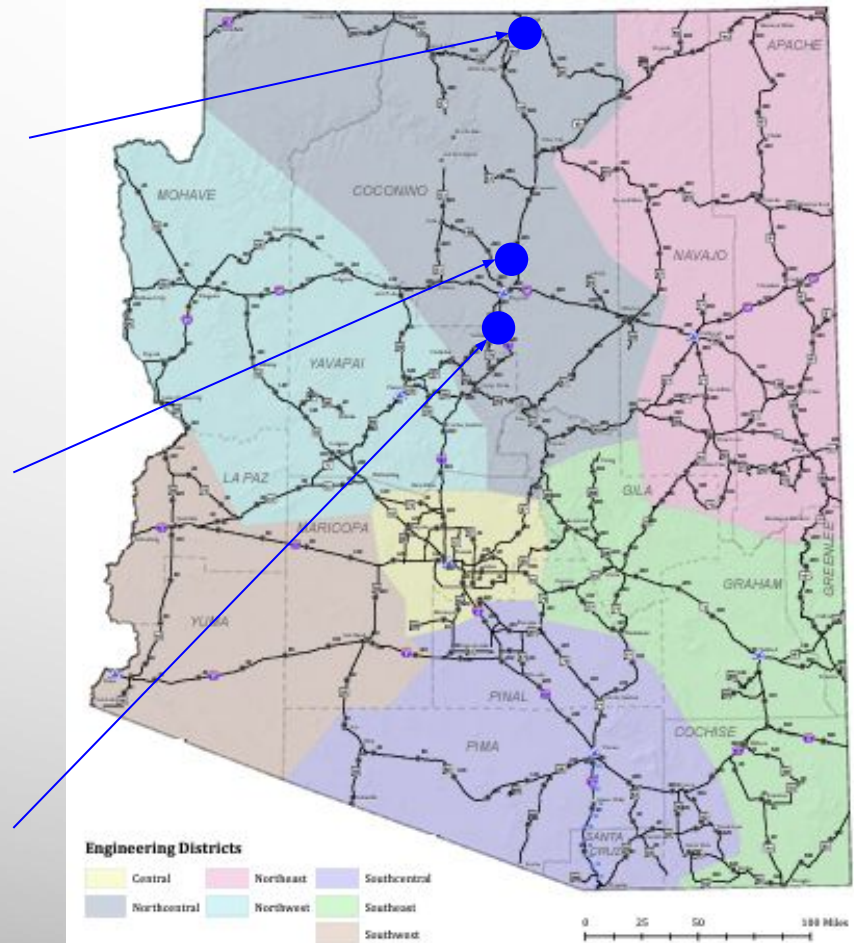


North Central District Current Projects

US89 & N Lake
Powell Blvd
Roundabout, US89,
MP 548

Drainage and Erosion
Improvements, US89
North of Flagstaff,
MP 423 to MP 432

Willard Springs
Wildlife Overpass,
I-17, MP 322.765 to
MP 331.13



Southwest District's Current Projects

I-10 Scaddan Wash- Plomosa Pav. Pres.

I-10 Dome Rock Rd-Scaddan Wash Pav. Pres.

I-10 Truck Parking Availability System

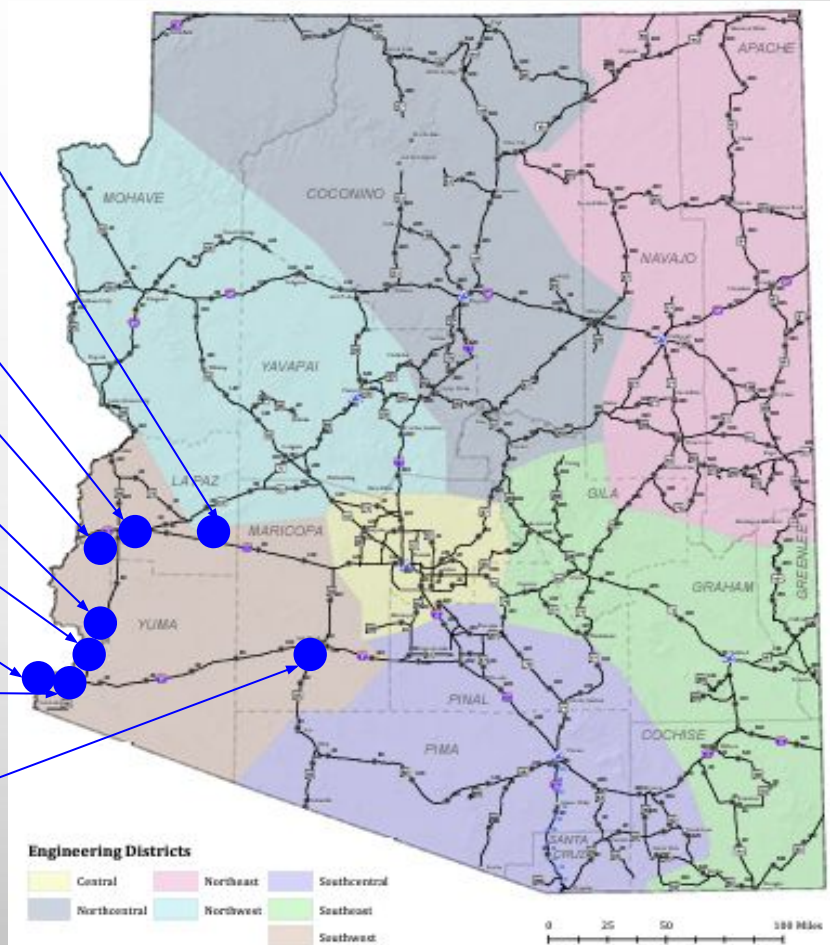
US 95, Castle Dome Mine Road-La Paz Co. Line Pav. Life Ext.

US 95, Aberdeen-Castle Dome Mine Rd. Pav. Pres.

Statewide Port of Entry Barrier Protection

US 95, Rifle Range Rd-Wellton Mohawk Canal Bridge Roadway Widening

SR 85, I-8-MP 3.34 Drainage Improvement



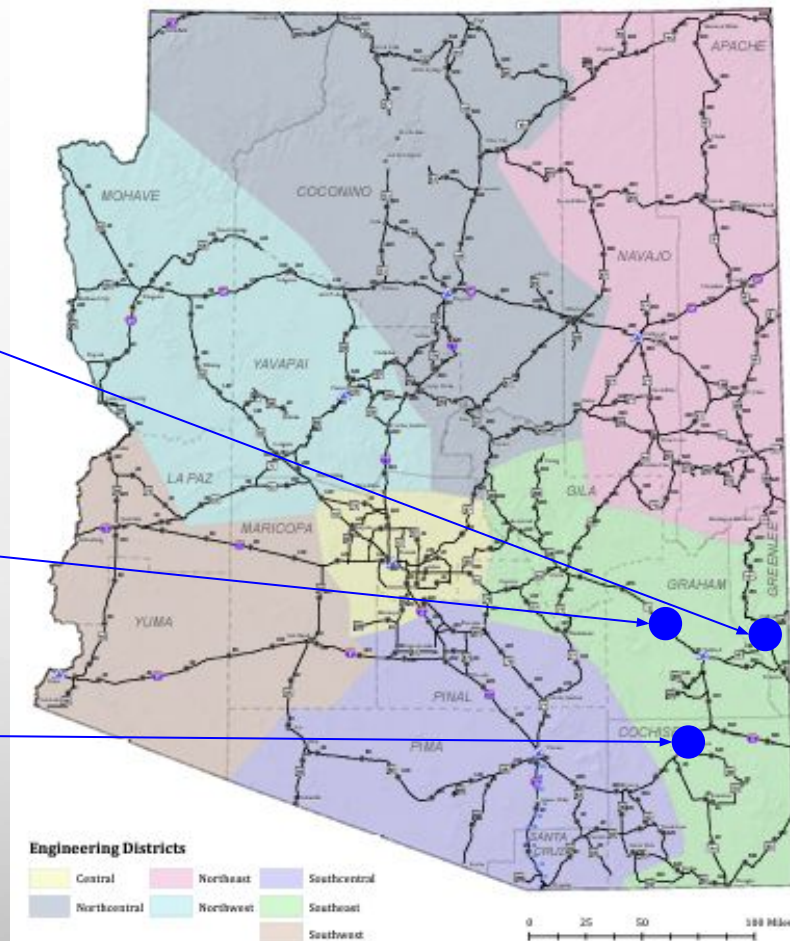
Southeast District Current Projects

ADOT

**US 191 at SR 75 and SR 78
US 191, MP 154
Construct Roundabout**

**County Rd 220 - Yellowjacket Rd (Design)
US 70, MP 288.1 to MP 289.3
Construct WB Passing Lane**

**East Willcox TI UP
I-10, MP 344.5
Bridge Rehabilitation**



Northwest District Current Projects

Rancho Santa Fe Parkway TI

I-40, MP 55 - MP 57

Contractor: Pulice Construction

0% Complete, 0% Time Spent

Little Ranch Road Intersection

SR89, MP 335 - MP 336

Contractor: Asphalt Paving & Supply

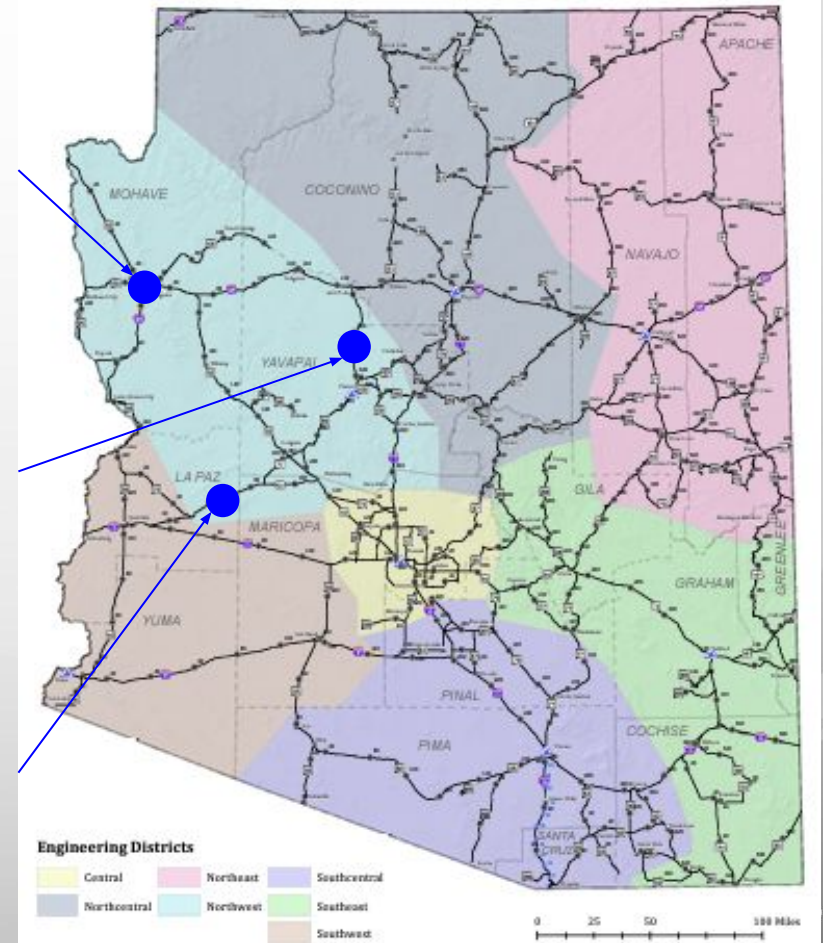
1% Complete, 7% Time Spent

Silver Creek Road to Laredo Dr.

Bullhead Parkway, Bullhead City

Contractor: Asphalt Paving & Supply

13% Complete, 41% Time Spent



Northeast District Current Projects

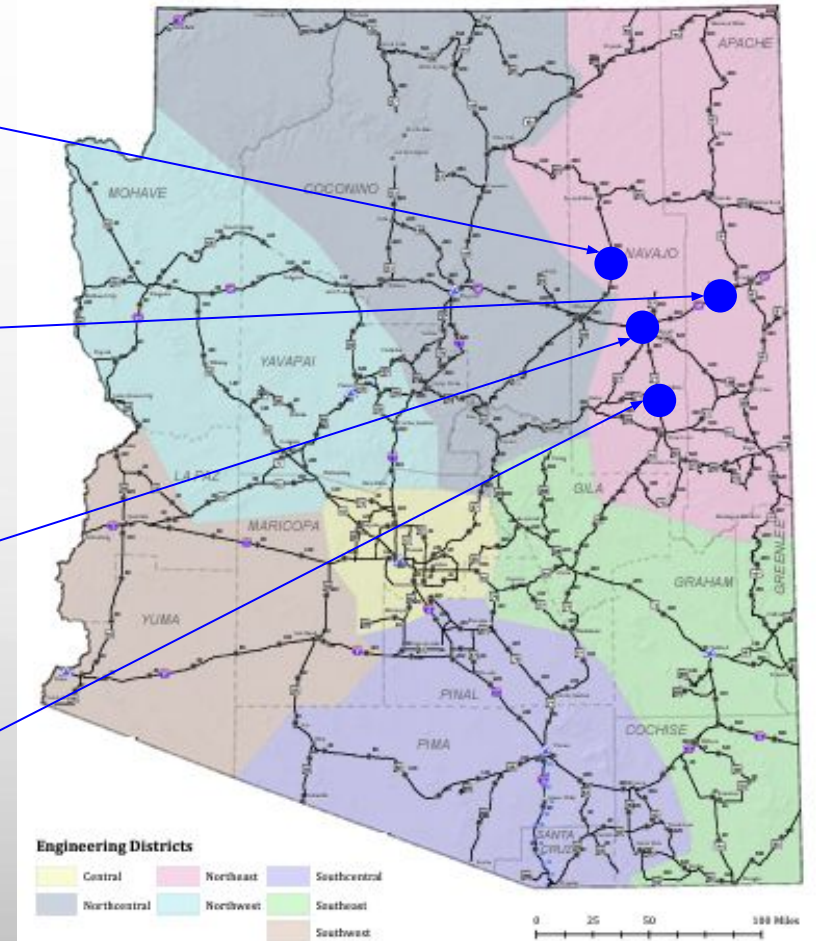
ADOT

Coyote Wash Bridge
SR 87 MP 375

Pinta to McCarrel
I 40 MP 318 - MP 330
Dead River Bridge Eastbound
I40 MP 316

Crestview to Joy Nevin
B 40 MP 286.6 - MP 287.6

Taylor to Rodeo Road
SR 77 MP 358.8 - 359.4



Central District Current Projects

I-17 Happy Valley to SR74

Mill and Diamond Grind

83% Complete 45% Time Spent

SR101 Princess to Shea

Loop 101 Expansion in Scottsdale

47% Complete 41% Time Spent

SR101 I-17 to 75th Ave

Loop 101 Expansion in Phoenix/Glendale

8% Complete 5% Time Spent

SR303 and US60

Interim Interchange Improvements

66% Complete 71% Time Spent

US 60X Sossaman to Meridian

Old US60 Highway

34% Complete 36% Time Spent

SR202 Val Vista to SR101L

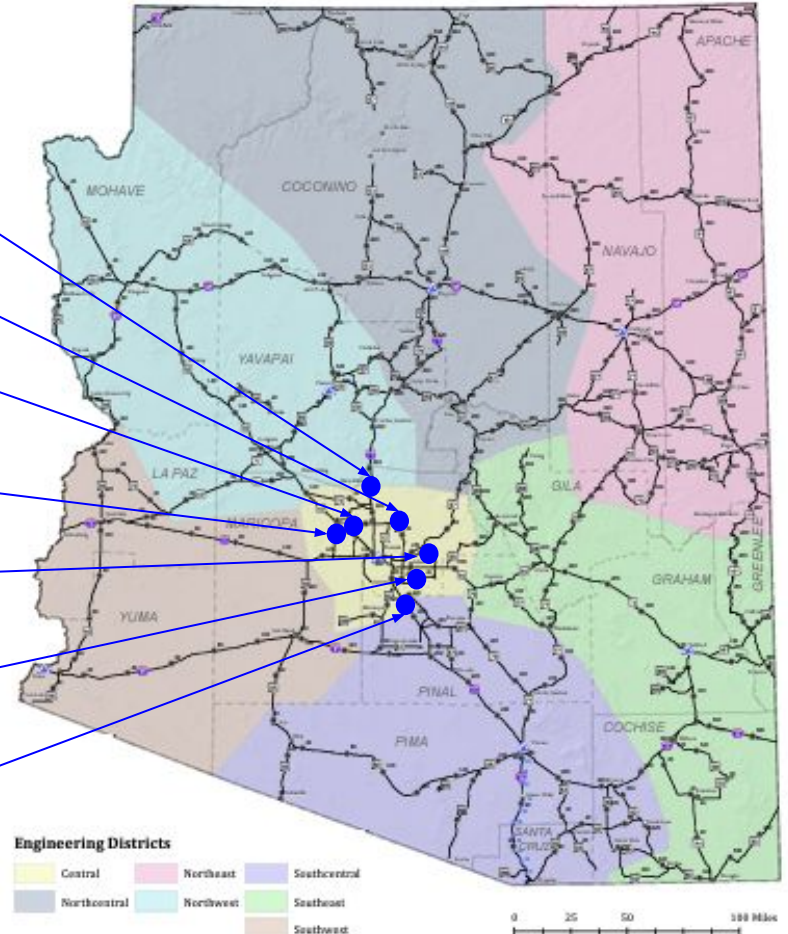
Loop 202 Expansion in Chandler/Gilbert

13% Complete 11% Time Spent

I-10 Gila River Bridge

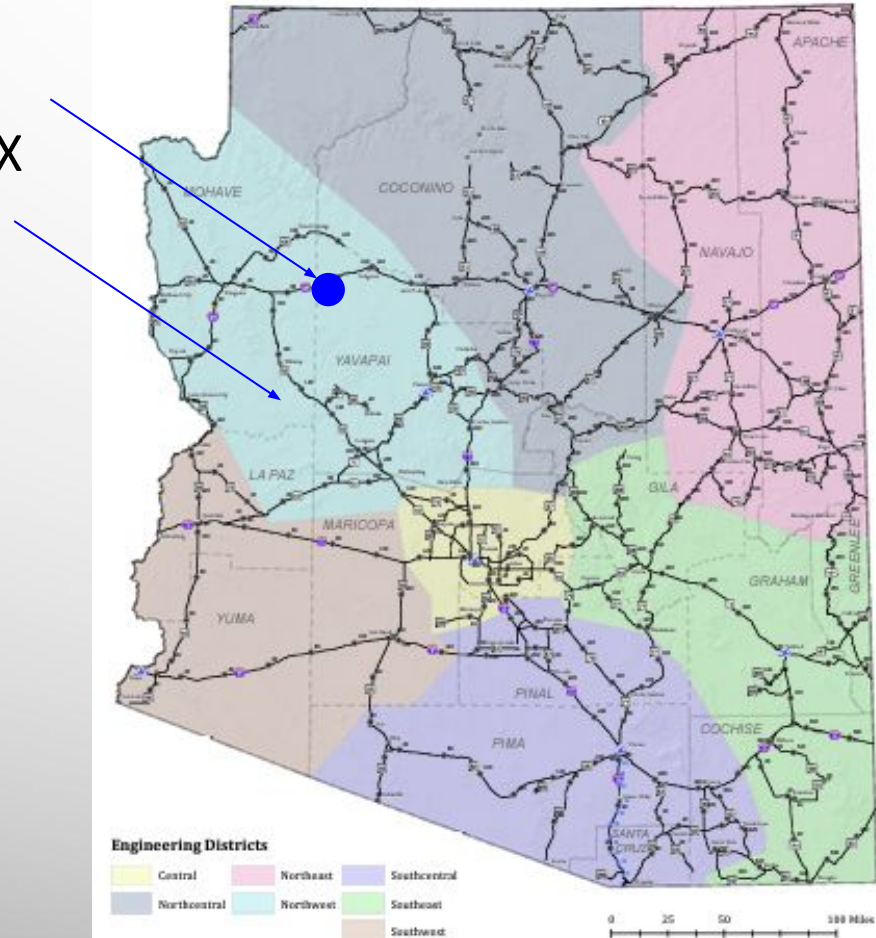
Bridge Replacement

29% Complete 21% Time Spent



Central District Current Projects

Project Name,
Route, MP XX-MP XX

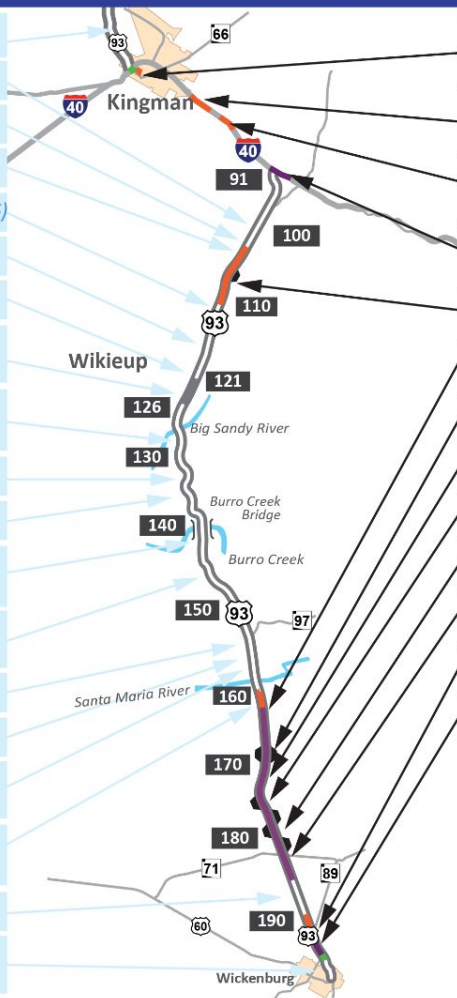


Corridors Updates

US 93 CORRIDOR

Interstate 40 to Wickenburg Improvements

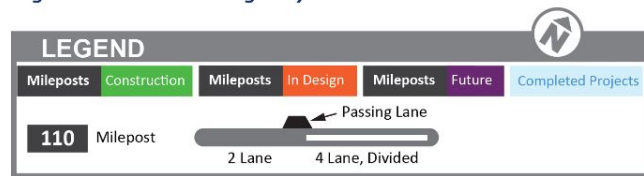
COMPLETED 2010	Kingman - Hoover Dam* (2-17)
COMPLETED 2008	SB McGarry's Wash* (93-95)
COMPLETED 2007	SB Old 93 to Antelope Wash* (95-104)
COMPLETED 2013	SB Ranch Road* (104-106)
COMPLETED 2012	SB Deluge/Wagon Bow Ranch* (109-116)
COMPLETED 2020	Carrow Stephens* (116-120)
COMPLETED 2008	Tompkins Canyon* (120-121)
COMPLETED 2005	Wikieup widening - Widened to 2 lanes in each direction with a center turn lane (121-126)
COMPLETED 2004	Pliocene Cliffs, Big Sandy River* -Also built new bridge over Big Sandy River (125-129)
COMPLETED 2002	Signal Road* (129-133)
COMPLETED 2001	Kaiser Springs* (133-138)
COMPLETED 2006	Burro Creek NB Bridge* -Also built new bridge over Big Sandy River (138-143)
COMPLETED 1999	Lava Rocks* Also eliminated numerous back-to-back curves. (143-146)
COMPLETED 2002	Boulders* (146-153)
COMPLETED 2003	No Name, Placerita* (153-157)
COMPLETED 2007	Cottonwood Canyon, Bridle Creek* Also constructed 2 bridges (157-160)
COMPLETED 2000	Santa Maria* Also constructed new bridge over Santa Maria River (160-162).
COMPLETED 2016	SR 71 - SR 89* (185-191)
COMPLETED 2010	Wickenburg Interim Bypass* -Also constructed 2 roundabouts and 1 new bridge. (198)



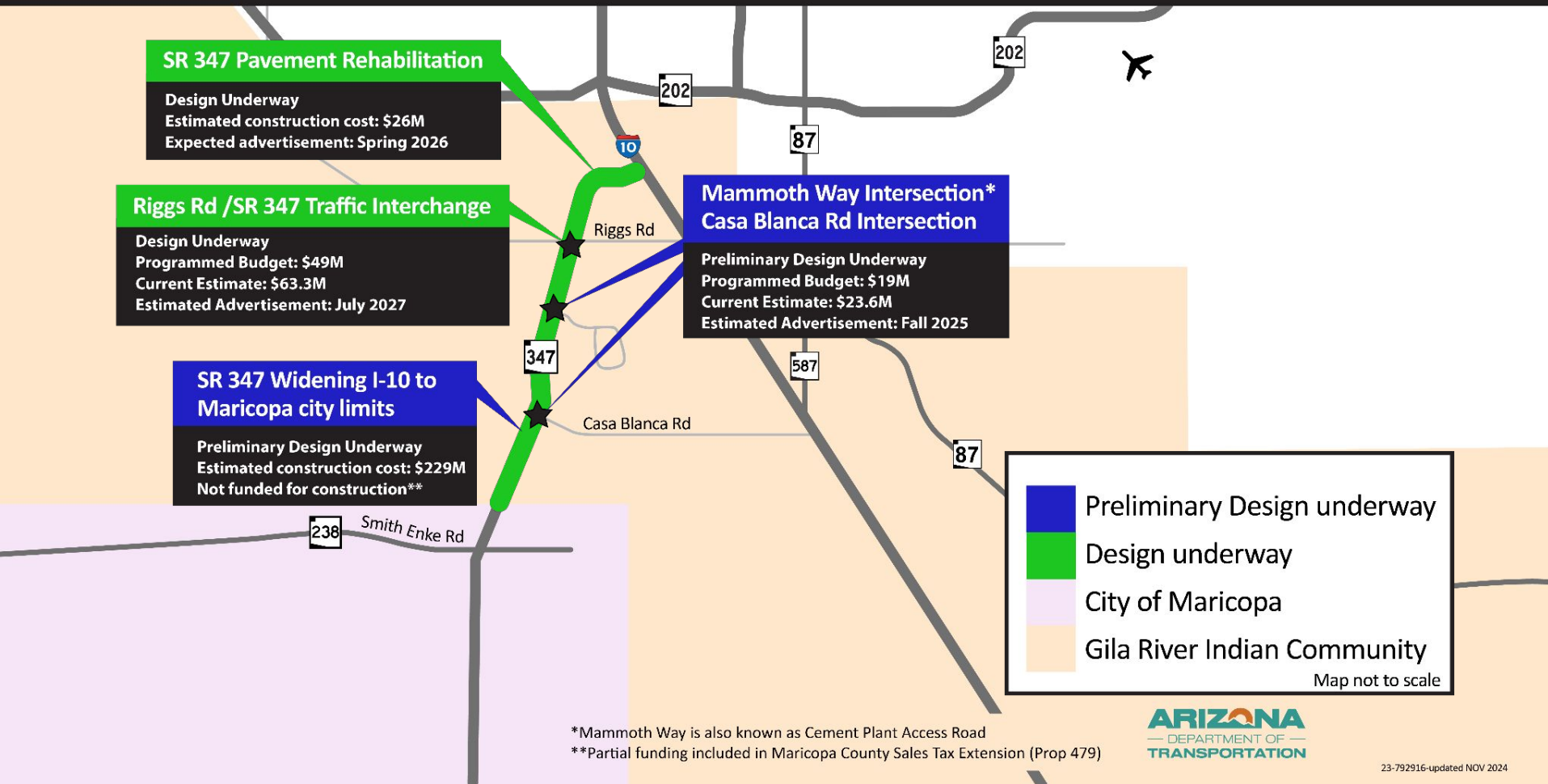
69-71	I-40/US 93 West Kingman TI. Construct free-flowing connection between I-40 and US 93. Construction: Summer 2024
55	Kingman Crossing Traffic Interchange City/developer-funded interchange
57	Rancho Santa Fe Traffic Interchange Developer-funded interchange in Kingman
93	Cedar Hills Traffic Interchange Future interchange at the I-40/US 93 junction
106 - 110	Cane Springs* *
162 - 166	Big Jim Wash* *
166 - 174	Ranchland* *
170 - 174	Tres Alamos* *
174 - 178	Date Creek* *
178 - 181	Alamo* *
181 - 185	SR 71 Traffic Interchange Future interchange at the SR 71/US 93 junction
190 - 194.5	Wickenburg Ranch Way - Vista Royale
194 - 198	Gap B: Tegner St - Wickenburg Ranch Way*

*Widened to a 4-lane divided highway.

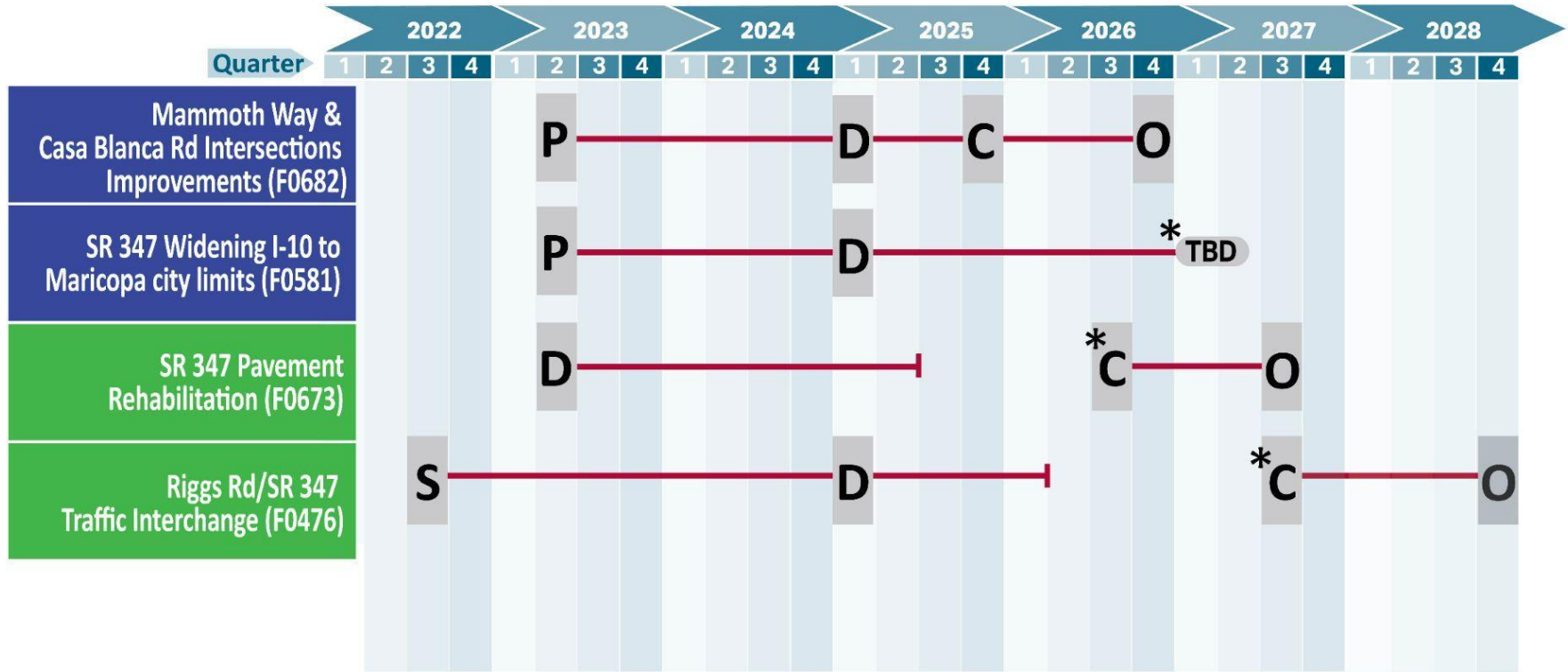
**Widening to a 4-lane divided highway.



SR 347 Improvement Projects



SR 347 Corridor - Anticipated Project Schedules



Legend	P	Pre-Design	S	Begin Study	D	Begin Design	C	Advertise for Construction	O	Open to Traffic
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Item 9 – New Construction Contracts

Item	Highway	Low bid	State Estimate	Difference	Percent
9a	I-10	\$19,625,526.91	\$25,593,819.90	(\$5,968,292.99)	-23.3%
9b	I-19	\$6,194,028.98	\$4,579,661.25	\$1,614,367.73	35.3%
9c	I-40	\$1,645,722.00	\$1,085,198.00	\$560,524.00	51.7%
9d	US 60	\$4,768,811.00	\$3,267,869.60	\$1,500,941.40	45.9%
9e	US 93	\$48,750,981.10	\$69,492,801.95	(\$20,741,820.85)	-29.8%
9f	VARIOUS	\$1,967,267.00	\$1,630,115.00	\$337,152.00	20.7%
9g	LOCAL	\$1,762,322.49	\$1,584,836.20	\$177,486.29	11.2%
9h	LOCAL	\$1,252,101.40	\$745,277.00	\$506,824.40	68.0%
9i	LOCAL	\$185,581.00	\$129,580.00	\$56,001.00	43.2%
9j	LOCAL	\$5,234,622.00	\$4,586,030.00	\$648,592.00	14.1%
9k*	LOCAL	\$8,136,744.83	\$4,498,775.50	\$3,637,969.33	80.9%
TOTAL THIS MONTH		\$91,386,963.88	\$112,695,188.90	(\$21,308,225.02)	-18.9%
TOTAL FY TO DATE		\$719,184,616.36	\$621,121,646.45	\$98,062,969.91	15.8%

* The project is recommended to postpone and the corresponding dollar amounts have been deducted from the cumulative totals.

Monthly Totals for Construction Contracts

ADOT

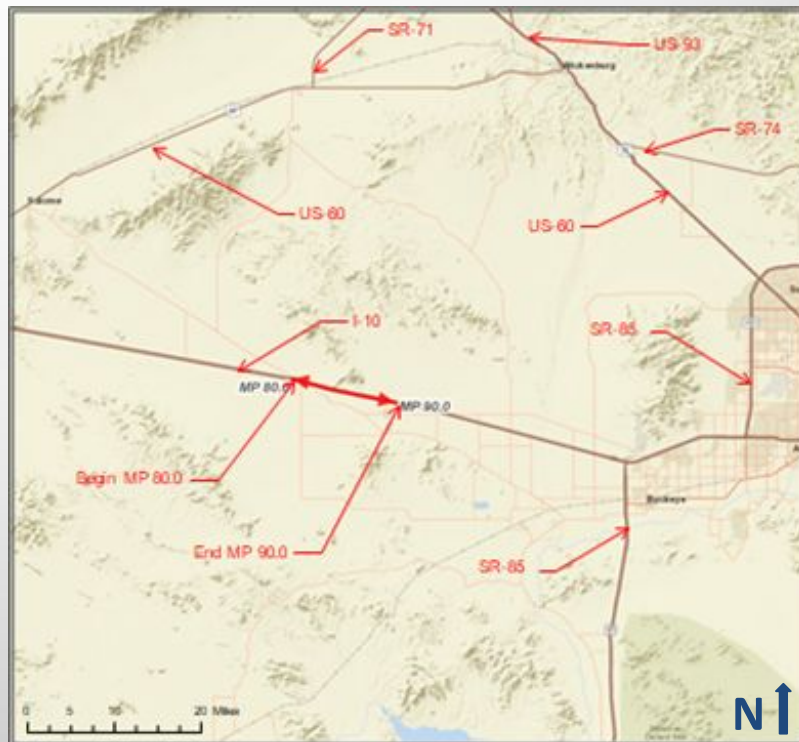
Month	No. of Bids	Awards	Low bid	State Estimate	Difference	Percent
Jul-24	13	11	\$470,592,427.92	\$354,288,928.30	\$116,303,499.62	32.8%
Aug-24	15	15	\$145,345,706.78	\$141,346,079.15	\$3,999,627.63	2.8%
Sep-24	4	3	\$11,859,517.78	\$12,791,450.10	(\$931,932.32)	-7.3%
Oct-24	11	10	\$91,386,963.88	\$112,695,188.90	(\$21,308,225.02)	-18.9%
Nov-24						
Dec-24						
Jan-25						
Feb-25						
Mar-25						
Apr-25						
May-25						
Jun-25						
Fiscal YTD	43	39	\$719,184,616.36	\$621,121,646.45	\$98,062,969.91	15.8%

Low Bid	\$19,625,527
State Estimate	\$25,593,820
Difference	-\$5,968,293
% Difference	-23.3%

Recommendation: Award

Reasons for Difference:

- Milling
- Asphalt Binder
- Asphalt and SMA



Low Bid	\$6,194,029
State Estimate	\$4,579,661
Difference	\$1,614,368
% Difference	35.3%

Recommendation: Award

Reasons for Difference:

- Project Site Locations - Multiple Sites
- Traffic Control



Low Bid	\$1,645,722
State Estimate	\$1,085,198
Difference	\$560,524
% Difference	51.7%

Recommendation: Award

Reasons for Difference:

- Deck Removal
- Asphalt
- Concrete Sleeper Slab



Low Bid	\$4,768,811
State Estimate	\$3,267,870
Difference	\$1,500,941
% Difference	45.9%

Recommendation: Award

Reasons for Difference:

- Earthwork
- RipRap
- Asphalt
- Attenuators



Low Bid	\$48,750,981
State Estimate	\$69,492,802
Difference	-\$20,741,821
% Difference	-29.8%

Recommendation: Award

Reasons for Difference:

- Roadway Excavation
- Soil Cement Bank Protection
- Aggregate Base
- Asphalt
- Structural Concrete



Low Bid	\$1,967,267
State Estimate	\$1,630,115
Difference	\$337,152
% Difference	20.7%

Recommendation: Award

Reasons for Difference:

- Electrical Conduit
- Ethernet Switches

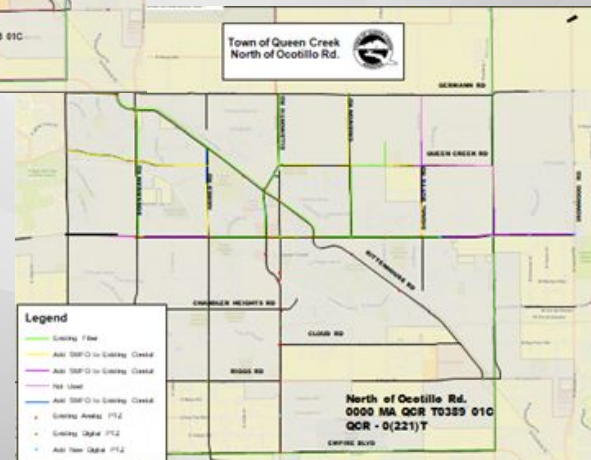


Low Bid	\$1,762,322
State Estimate	\$1,584,836
Difference	\$177,486
% Difference	11.2%

Recommendation: Award

Reasons for Difference:

- Fiber Optic Equipment (ARID)



Low Bid	\$1,252,101
State Estimate	\$745,277
Difference	\$506,824
% Difference	68.0%

Recommendation: Award

Reasons for Difference:

- Phasing of Work
- Traffic Control



Priority Level	Curve(s)	Quantities			Cumulative Quantities		
		FPVS (Raised Pavement Markers) Item No. 9300501	SPVS (LED Curve Warning Sign) Item No. 9300505	FPVS (Dynamic Speed Feedback Sign Assembly) Item No. 9300510	FPVS (Raised Pavement Markers) Item No. 9300501	SPVS (LED Curve Warning Sign) Item No. 9300505	FPVS (Dynamic Speed Feedback Sign Assembly) Item No. 9300510
1	3, 3A, 6, 6A, 8, 11A, 12A, 12B, 16, 18, and 24	109	12	2	109	12	2
2	30	-	2	-	109	14	2
3	17	31	-	-	140	14	2
4	36A	-	2	-	140	16	2
5	13	49	-	-	189	16	2
6	14	21	-	-	210	16	2
7	15	29	-	-	239	16	2
8	20	66	-	-	305	16	2
9	21	33	-	-	338	16	2
10	22	20	-	-	358	16	2
11	23	19	-	-	377	16	2
Total		377	16	2			

Low Bid	\$185,581
State Estimate	\$129,580
Difference	\$56,001
% Difference	43.2%

Recommendation: Award ReBid as FPVS

Reasons for Difference:

- Mobilization

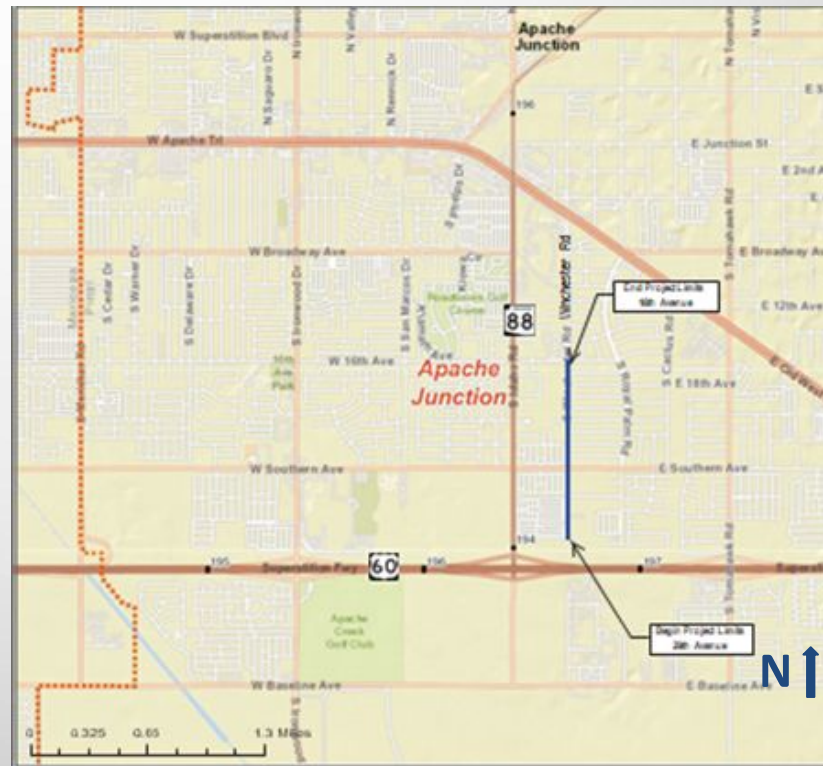


Low Bid	\$5,234,622
State Estimate	\$4,586,030
Difference	\$648,592
% Difference	14.1%

Recommendation: Award

Reasons for Difference:

- Structural Concrete
- Structural Backfill



Low Bid	\$8,136,745
State Estimate	\$4,498,776
Difference	\$3,637,969
% Difference	80.9%

Recommendation: Postpone

Reasons for Difference:

- Structural Concrete
- Structural Steel

