



STATE ENGINEER'S REPORT

February 17, 2017 Transportation Board Meeting

- **105** projects under construction **\$1,467.7** Million
- **9** projects finalized in **January** **\$6.8** Million
- Fiscal Year to date: **66** projects finalized



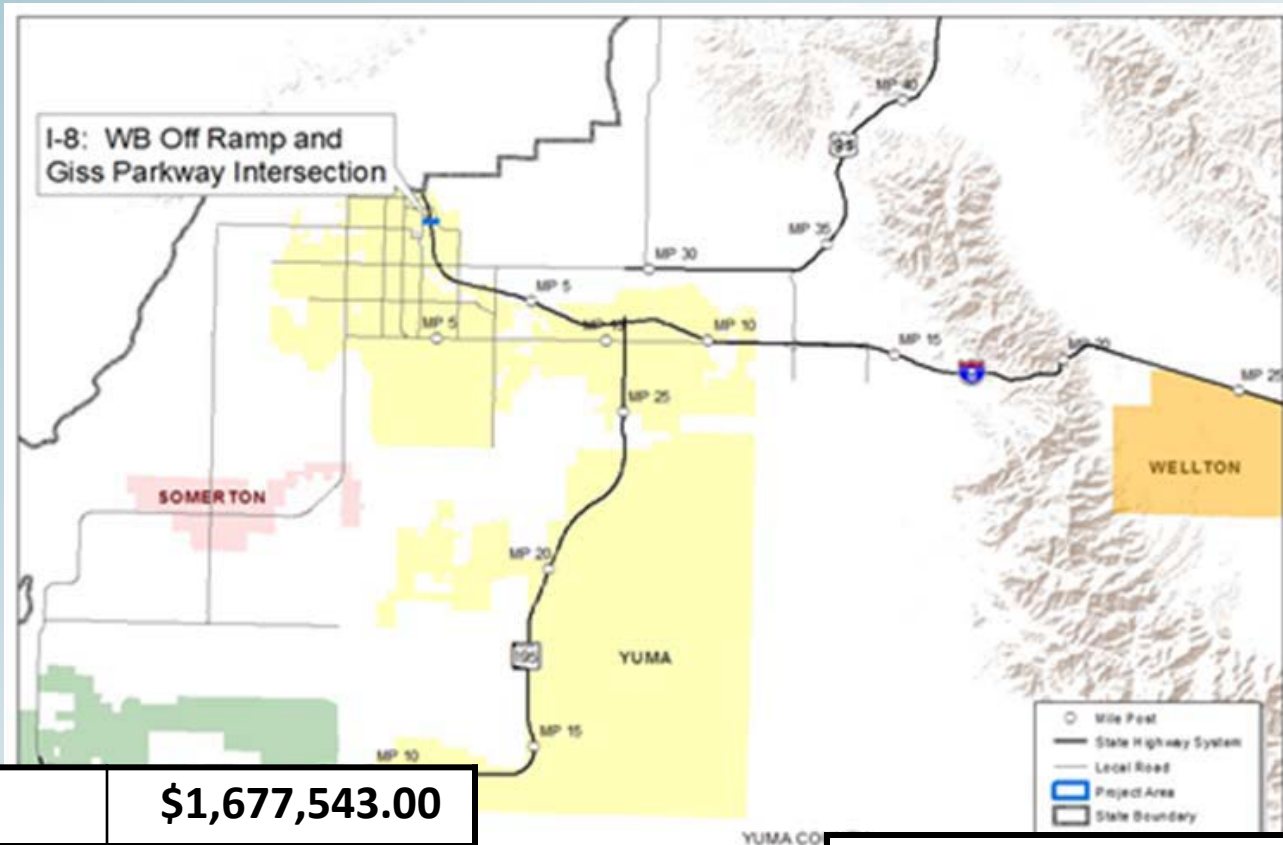
Summary of Construction Contracts

Item	Highway	Low bid	State Estimate	Difference	Percent
3f	I-8	\$1,677,543.00	\$1,821,289.00	(\$143,746.00)	-7.9%
3g	I-10	\$11,361,363.54	\$10,611,568.67	\$749,794.87	7.1%
3h	I-17	\$728,869.05	\$693,000.00	\$35,869.05	5.2%
3i	I-19	\$4,748,521.96	\$4,511,454.00	\$237,067.96	5.3%
3j	I-40	\$4,574,000.00	\$4,729,550.28	(\$155,550.28)	-3.3%
3k	I-40	\$184,720.00	\$171,653.50	\$13,066.50	7.6%
3l	I-40	\$2,928,993.01	\$2,719,554.27	\$209,438.74	7.7%
3m	US70	\$771,469.29	\$830,000.00	(\$58,530.71)	-7.1%
3n	SR79	\$1,297,681.76	\$1,476,999.00	(\$179,317.24)	-12.1%
3o	US93	\$1,010,784.01	\$997,565.10	\$13,218.91	1.3%
3p	SR95	\$1,094,728.02	\$1,039,486.00	\$55,242.02	5.3%
10a*	Local	\$634,450.00	\$504,735.00	\$129,715.00	25.7%
10b*	Local	\$125,361.50	\$167,100.00	(\$41,738.50)	-25.0%
10c*	Local	\$788,968.75	\$706,984.00	\$81,984.75	11.6%
10d*	I-10	\$241,552.09	\$210,394.24	\$31,157.85	14.8%
10e*	I-17	\$455,455.00	\$458,489.92	(\$3,034.92)	-0.7%
10f*	I-40	\$2,628,331.80	\$3,483,764.10	(\$855,432.30)	-24.6%
10g*	SR87	\$1,024,900.00	\$752,093.00	\$272,807.00	36.3%
10h*	SR87	\$401,525.50	\$570,637.10	(\$169,111.60)	-29.6%
TOTAL THIS MONTH		\$36,679,218.28	\$36,456,317.18	\$222,901.10	0.6%
TOTAL FY TO DATE		\$320,618,988.40	\$320,041,990.64	\$576,997.76	0.2%

* Non-consent (Contract) items



Agenda Item 3f : I-8

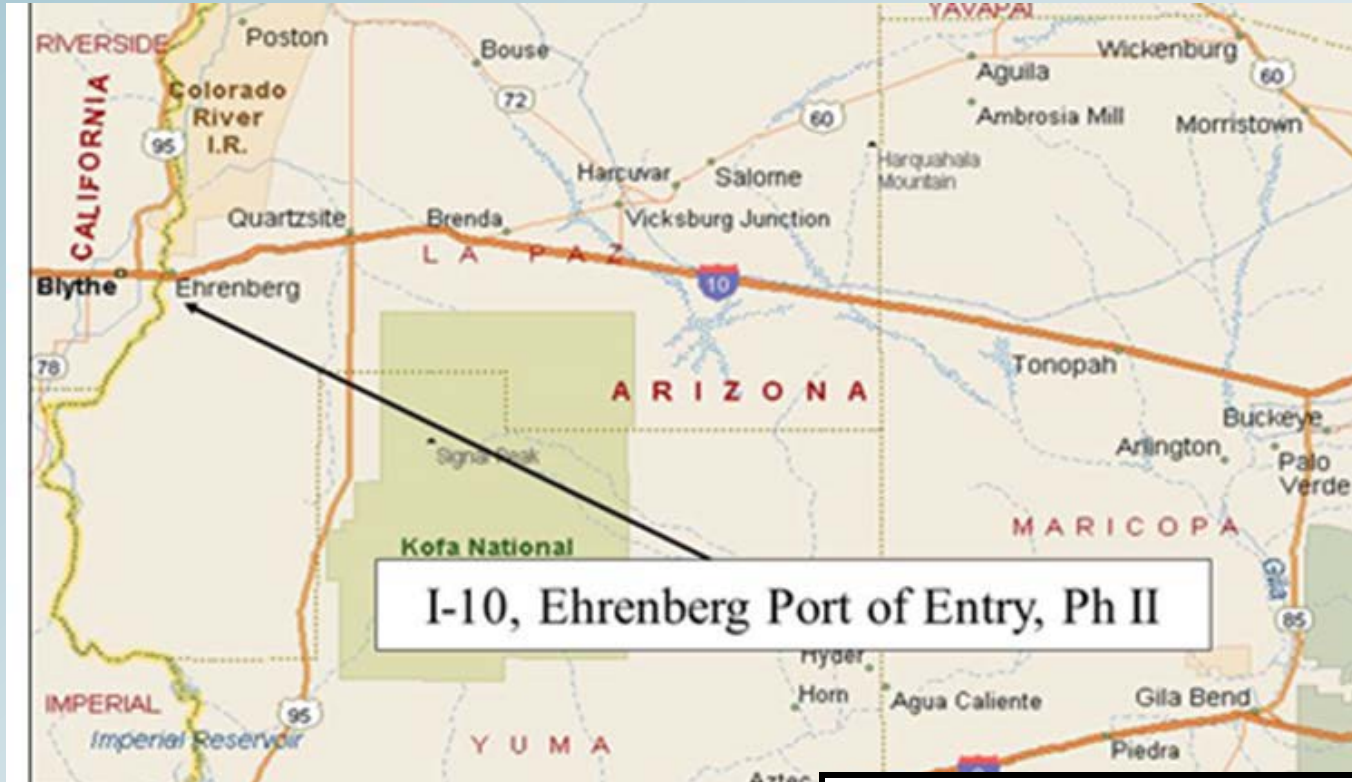


Low Bid	\$1,677,543.00
State Estimate	\$1,821,289.00
\$ Under	(\$143,746.00)
% Under	-7.9%

- Reasons for Difference:**
- Aggregate Base
 - Asphaltic Concrete



Agenda Item 3g: I-10



I-10, Ehrenberg Port of Entry, Ph II

Low Bid	\$11,361,363.54
State Estimate	\$10,611,568.67
\$ Over	\$749,794.87
% Over	7.1%

- Reasons for Difference:**
- Removals
 - Miscellaneous Concrete Items
 - Pump Station



Agenda Item 3h: I-17



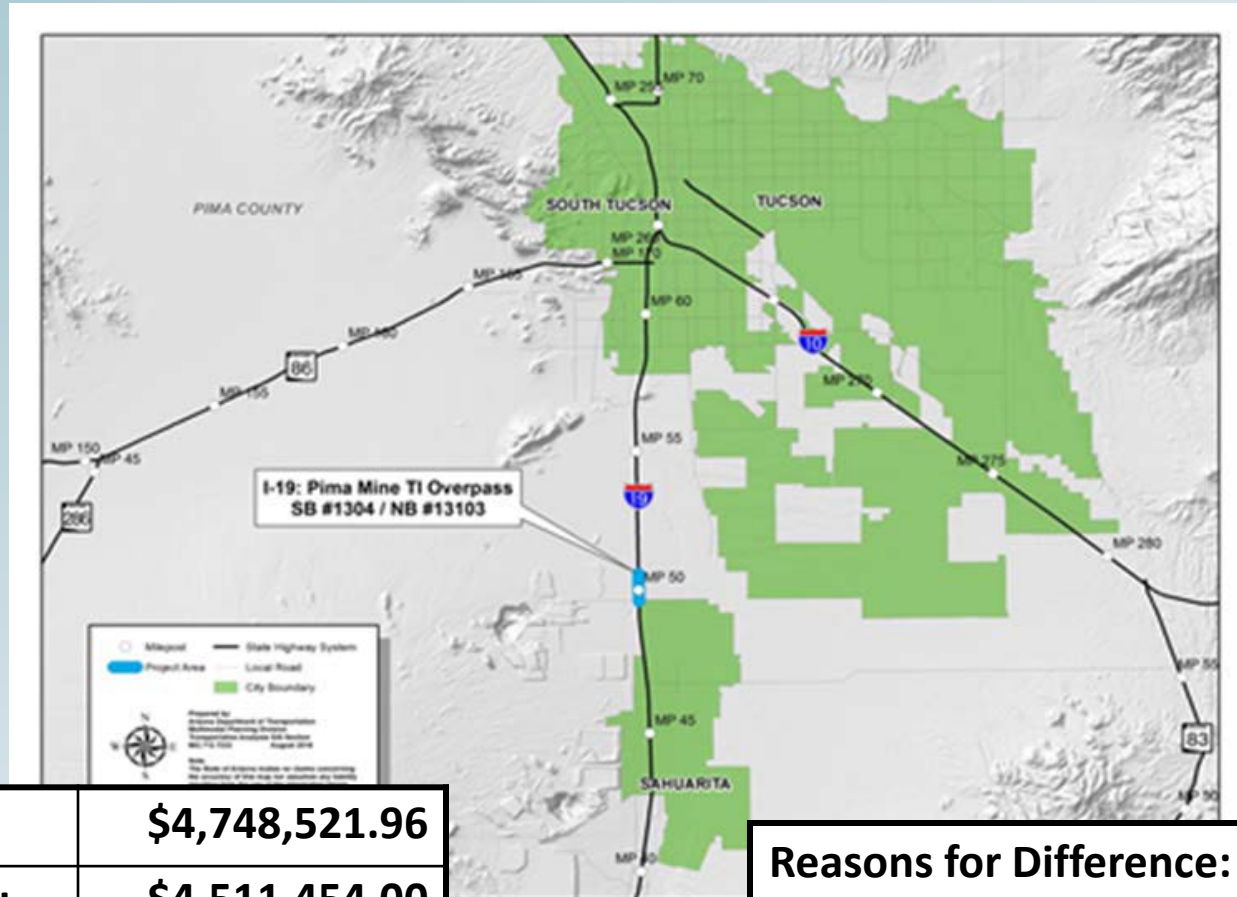
I-17: MP 250.4 – Sunset Point TI, NB

Low Bid	\$728,869.05
State Estimate	\$693,000.00
\$ Over	\$35,869.05
% Over	5.2%

- Reasons for Difference:**
- Asphalt Binder
 - Tack Coat



Agenda Item 3i: I-19

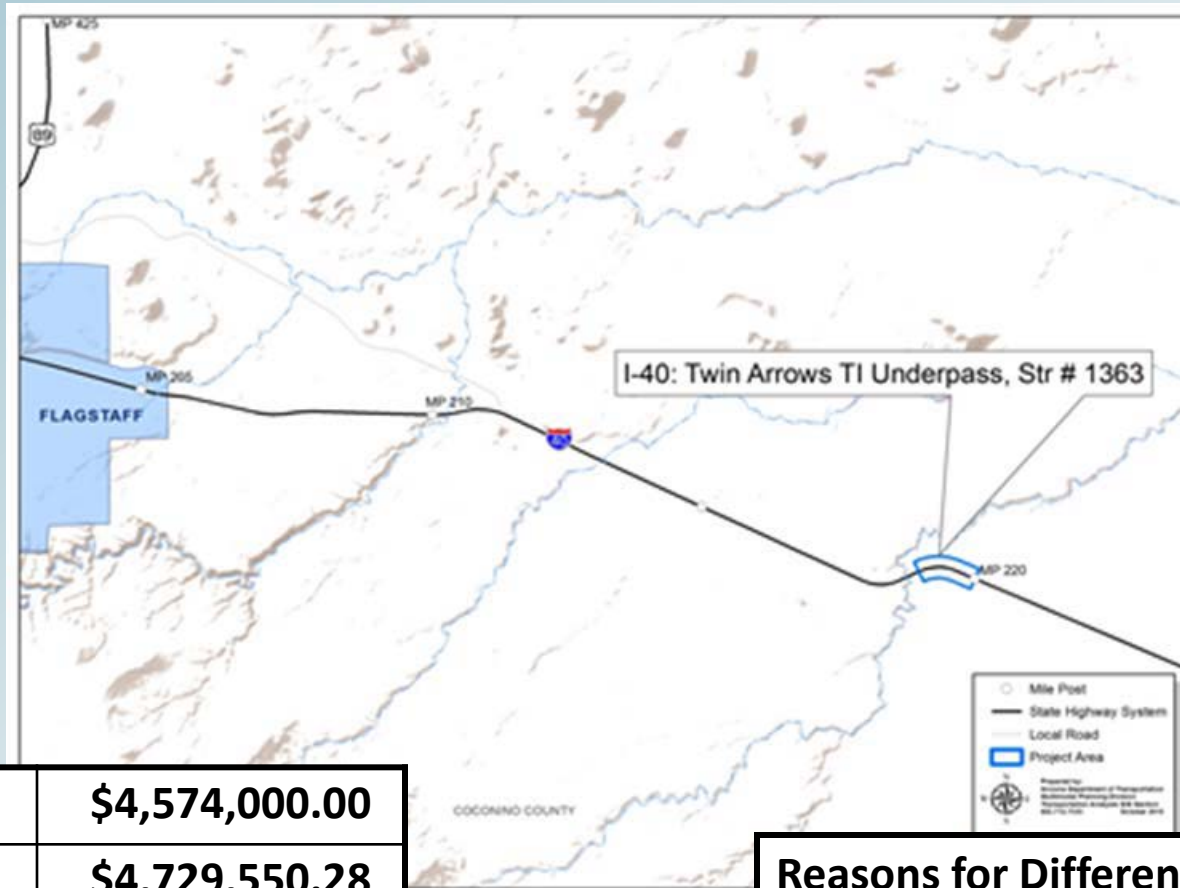


Low Bid	\$4,748,521.96
State Estimate	\$4,511,454.00
\$ Over	\$237,067.96
% Over	5.3%

- Reasons for Difference:**
- Remove Detour
 - Roadway Excavation
 - Borrow



Agenda Item 3j: I-40

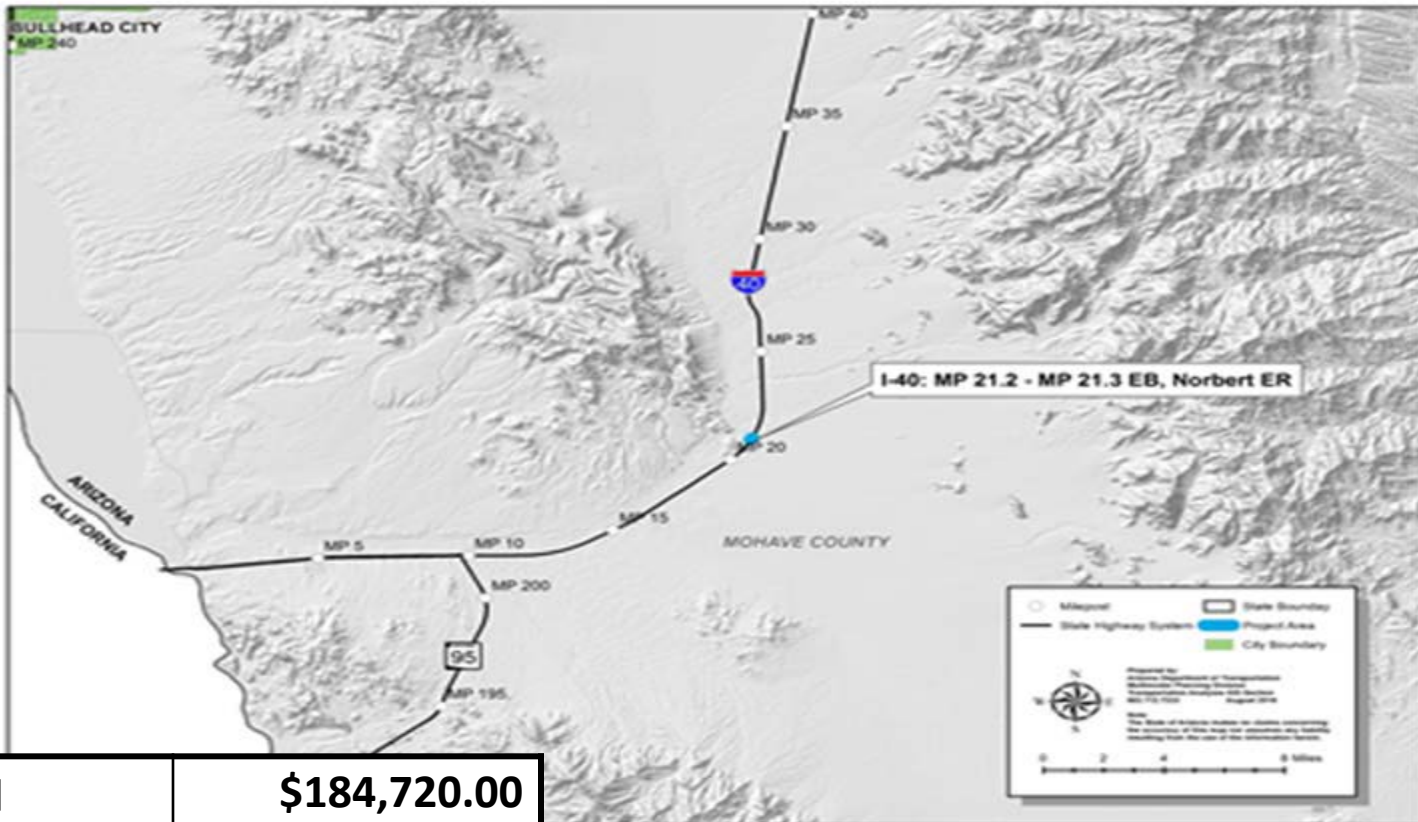


Low Bid	\$4,574,000.00
State Estimate	\$4,729,550.28
\$ Under	(\$155,550.28)
% Under	-3.3%

- Reasons for Difference:**
- Temporary Concrete Barrier
 - Borrow



Agenda Item 3k: I-40



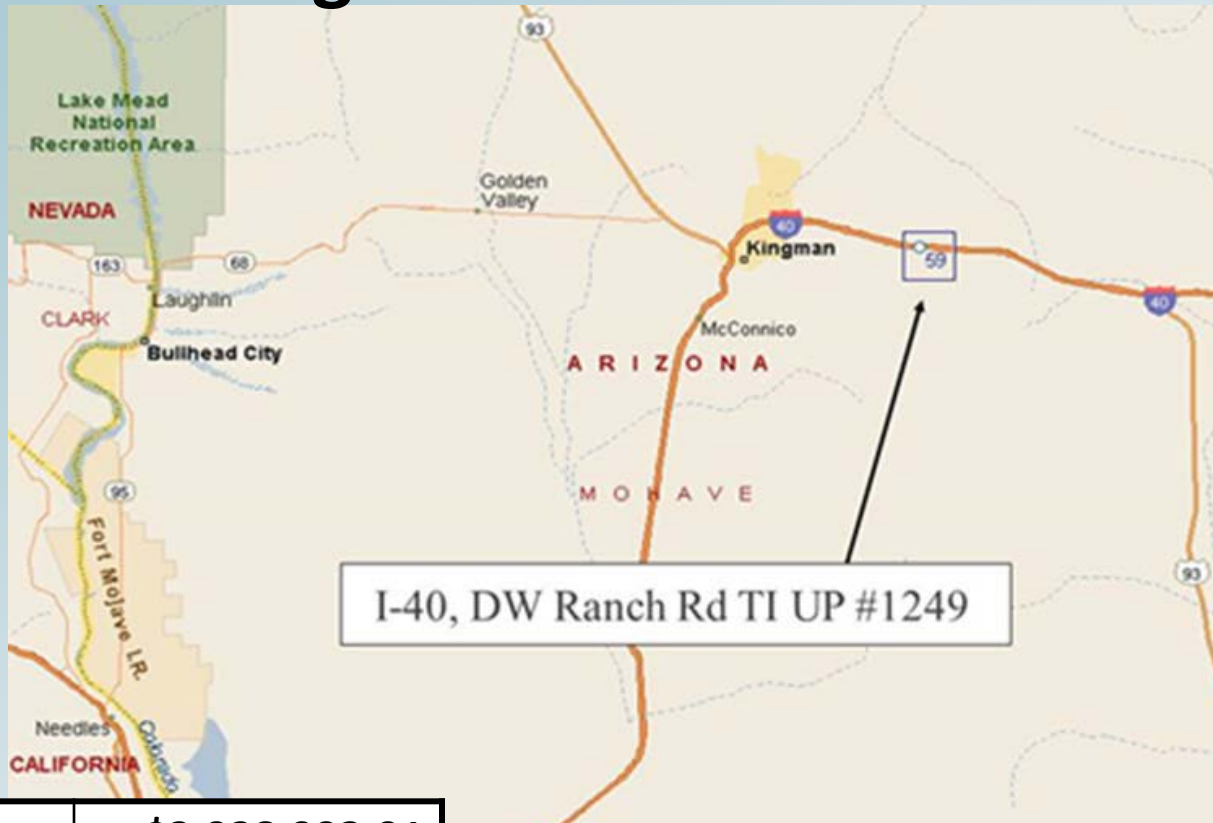
Low Bid	\$184,720.00
State Estimate	\$171,653.50
\$ Over	\$13,066.50
% Over	7.6%

Reason for Difference:

- Rail Bank Protection



Agenda Item 3I: I-40



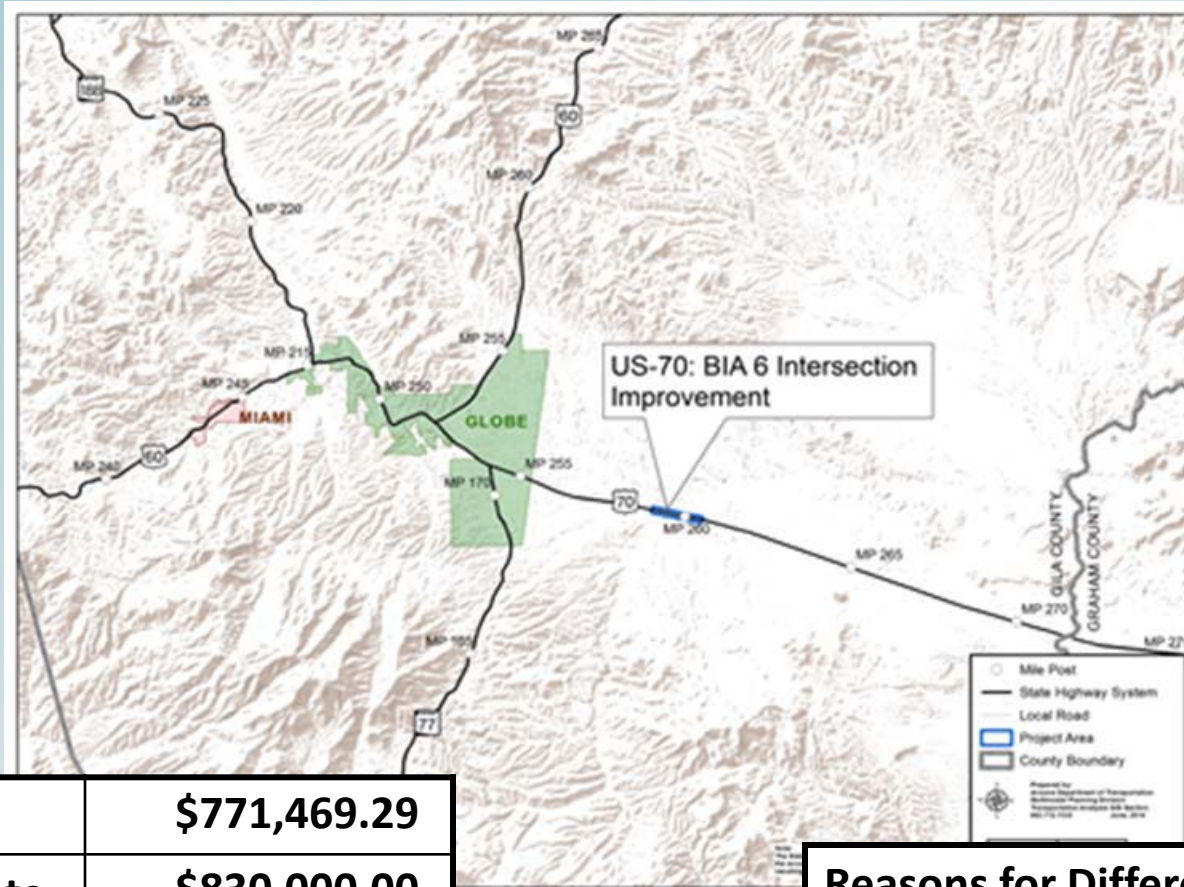
I-40, DW Ranch Rd TI UP #1249

Low Bid	\$2,928,993.01
State Estimate	\$2,719,554.27
\$ Over	\$209,438.74
% Over	7.7%

- Reasons for Difference:**
- Temporary Concrete Barrier
 - Structural Concrete
 - Mobilization



Agenda Item 3m: US70

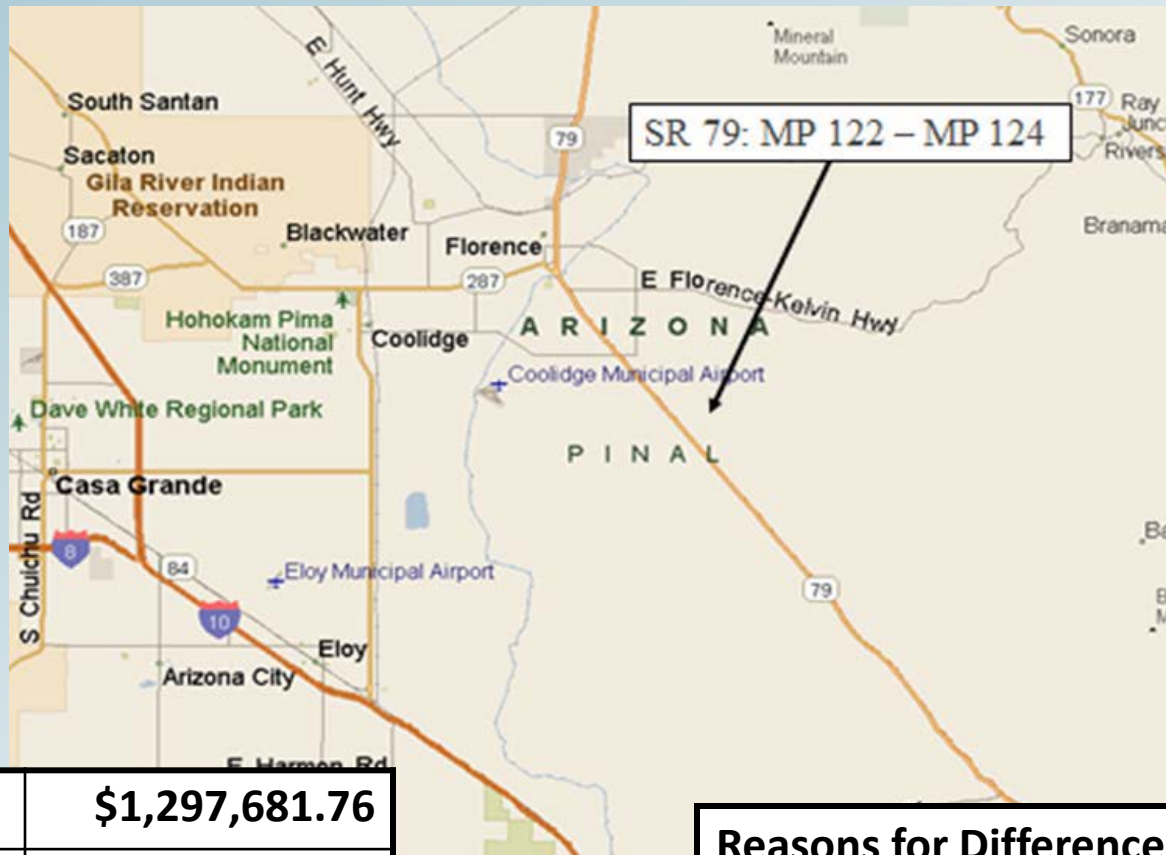


Low Bid	\$771,469.29
State Estimate	\$830,000.00
\$ Under	(\$58,530.71)
% Under	-7.1%

- Reasons for Difference:**
- Aggregate Base
 - Asphaltic Concrete



Agenda Item 3n: SR79



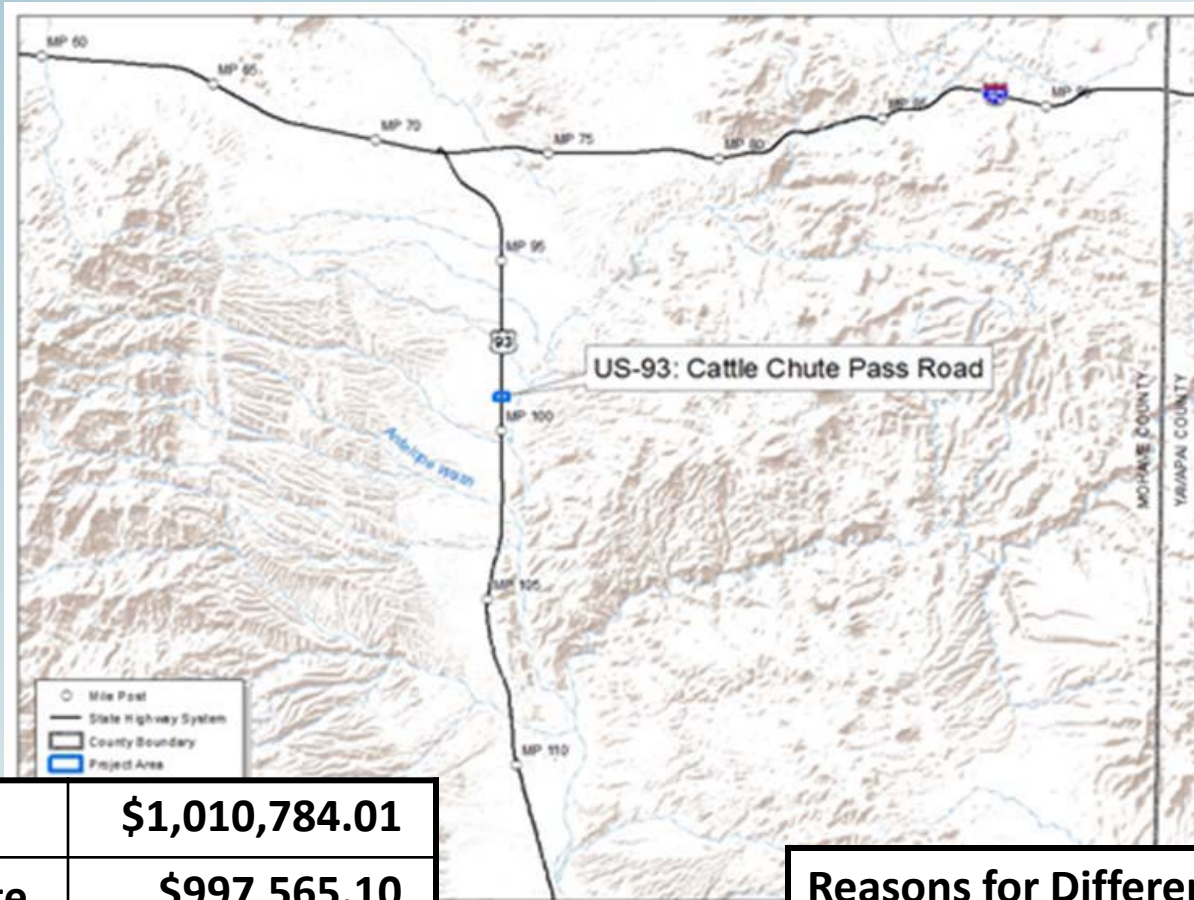
SR 79: MP 122 – MP 124

Low Bid	\$1,297,681.76
State Estimate	\$1,476,999.00
\$ Over	(\$179,317.24)
% Over	-12.1%

- Reasons for Difference:**
- Structural Concrete
 - Reinforcing Steel



Agenda Item 3o: US93

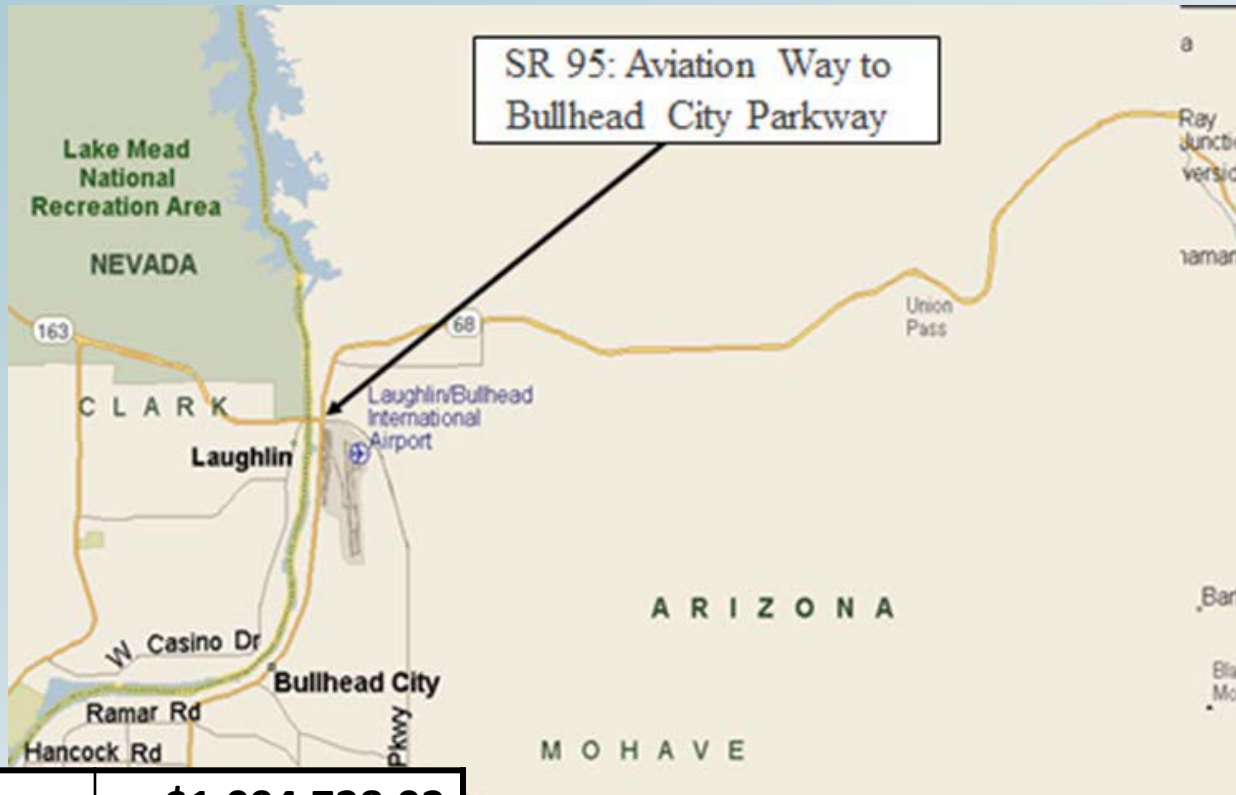


Low Bid	\$1,010,784.01
State Estimate	\$997,565.10
\$ Under	\$13,218.91
% Under	1.3%

- Reasons for Difference:**
- Removals
 - Concrete Slab



Agenda Item 3p: SR95

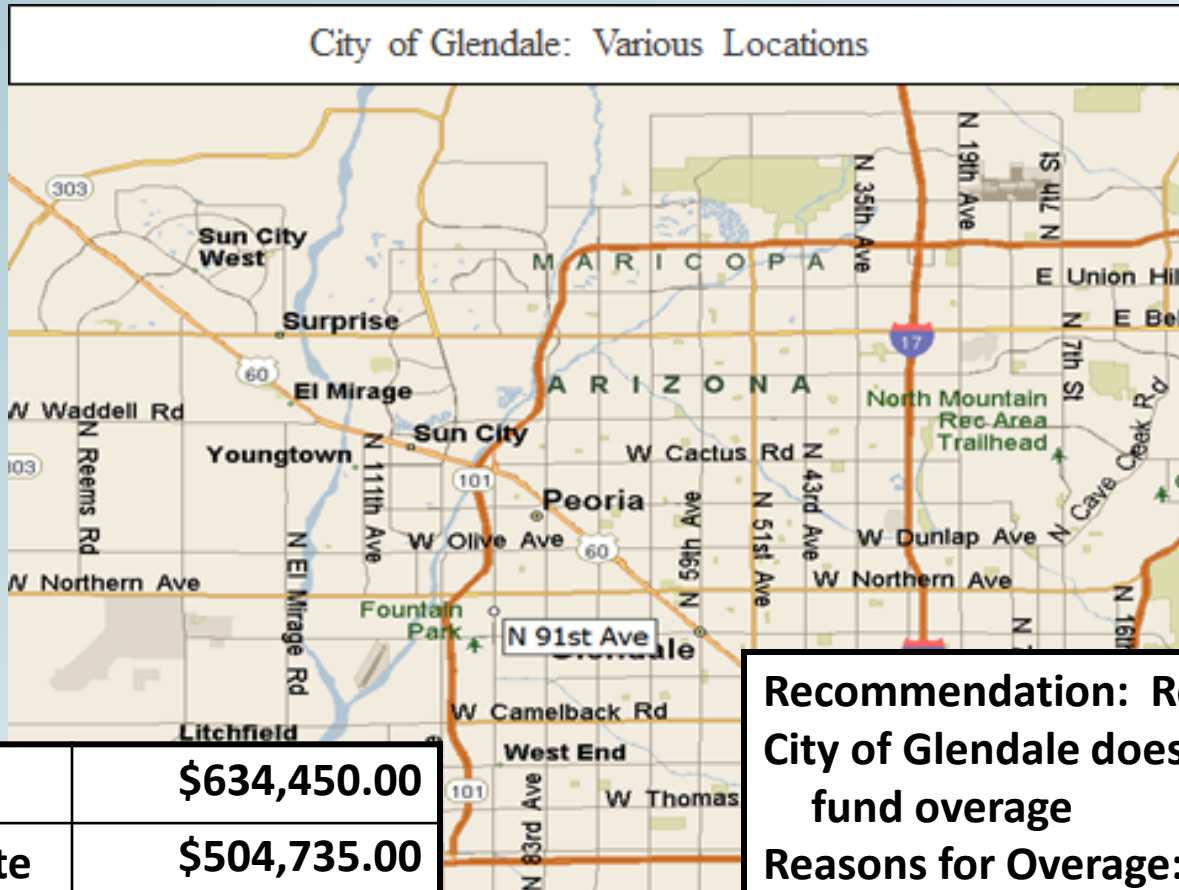


Low Bid	\$1,094,728.02
State Estimate	\$1,039,486.00
\$ Over	\$55,242.02
% Over	5.3%

- Reasons for Difference:**
- Removals
 - Construction Surveying/Layout
 - Quality Control



Agenda Item 10a: Local



Low Bid	\$634,450.00
State Estimate	\$504,735.00
\$ Over	\$129,715.00
% Over	25.7%

Recommendation: Reject All Bids
City of Glendale does not want to fund overage

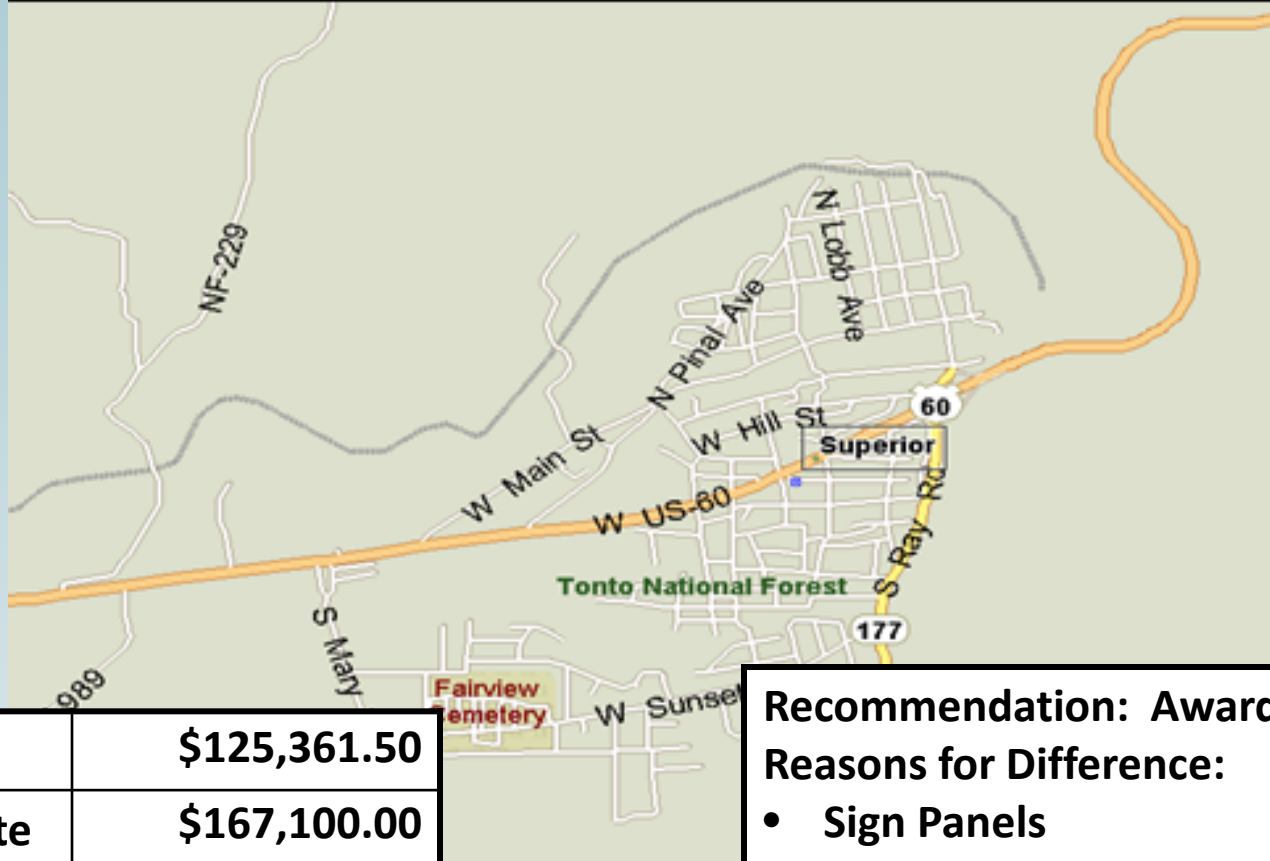
Reasons for Overage:

- Detectors
- Control Cabinets



Agenda Item 10b: Local

Town of Superior: Various Locations



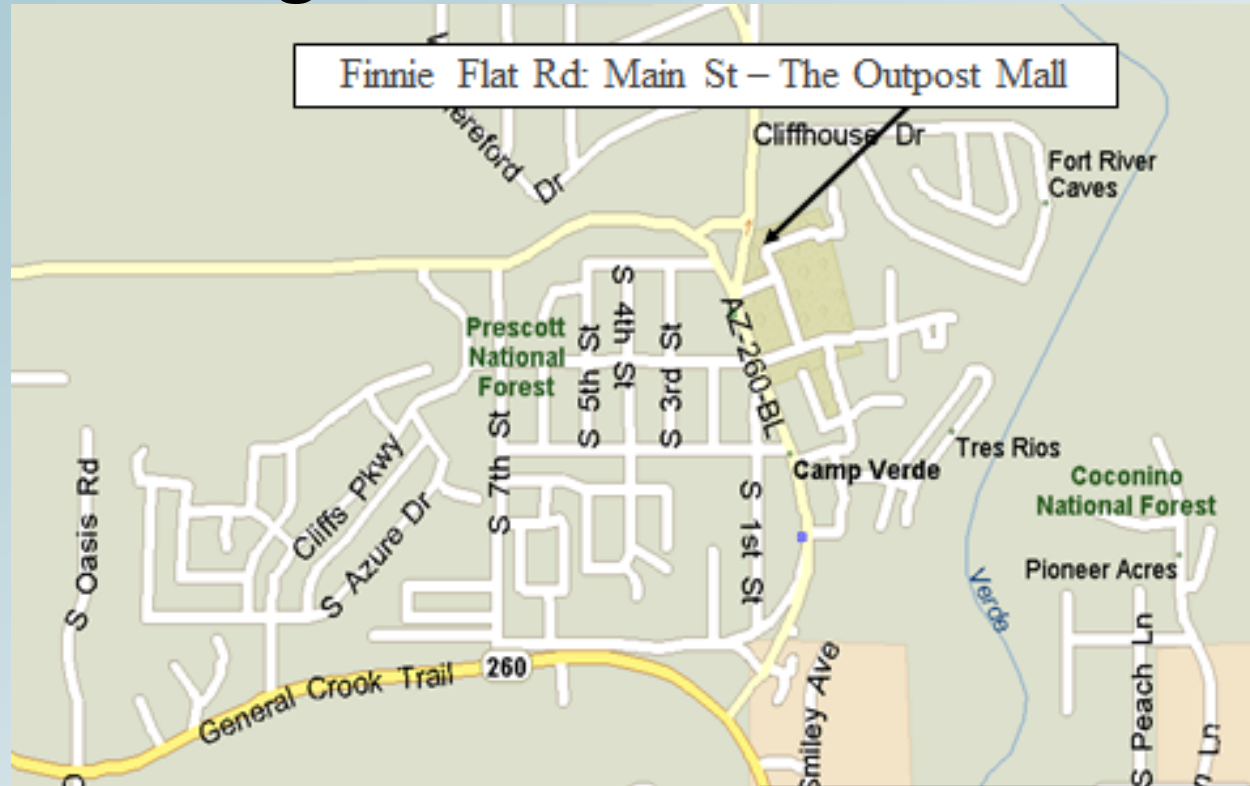
Low Bid	\$125,361.50
State Estimate	\$167,100.00
\$ Under	(\$41,738.50)
% Under	-25.0%

Recommendation: Award
Reasons for Difference:

- Sign Panels
- Mounting Hardware



Agenda Item 10c: Local



Finnie Flat Rd: Main St – The Outpost Mall

Low Bid	\$788,968.75
State Estimate	\$706,984.00
\$ Over	\$81,984.75
% Over	11.6%

**Recommendation: Reject Low Bid
Award to Second Low Bidder**
Reasons for Difference:

- Decorative Light Poles
- Electrical Conductor



Agenda Item 10d: I-10



Low Bid	\$241,552.09
State Estimate	\$210,394.24
\$ Over	\$31,157.85
% Over	14.8%

Recommendation: Award
Reasons for Difference:

- Removals
- Asphaltic Concrete Friction Course



Agenda Item 10e: I-17



Low Bid	\$455,455.00
State Estimate	\$458,489.92
\$ Under	(\$3,034.92)
% Under	-0.7%

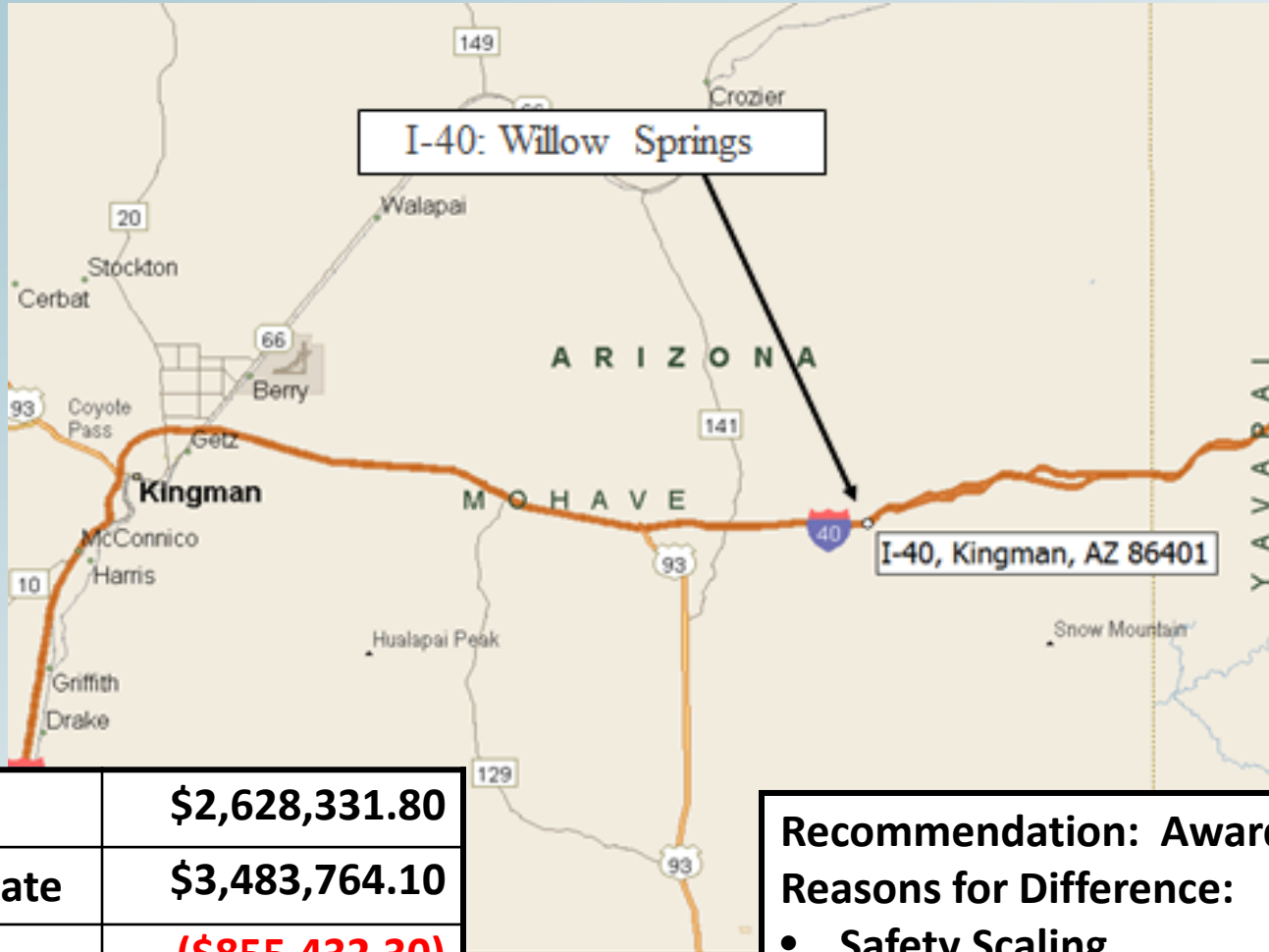
**Recommendation: Reject Low Bid
Award to Second Low Bidder**

Reasons for Difference:

- Pull Boxes and Covers
- Fiber Optics
- Node Building



Agenda Item 10f: I-40



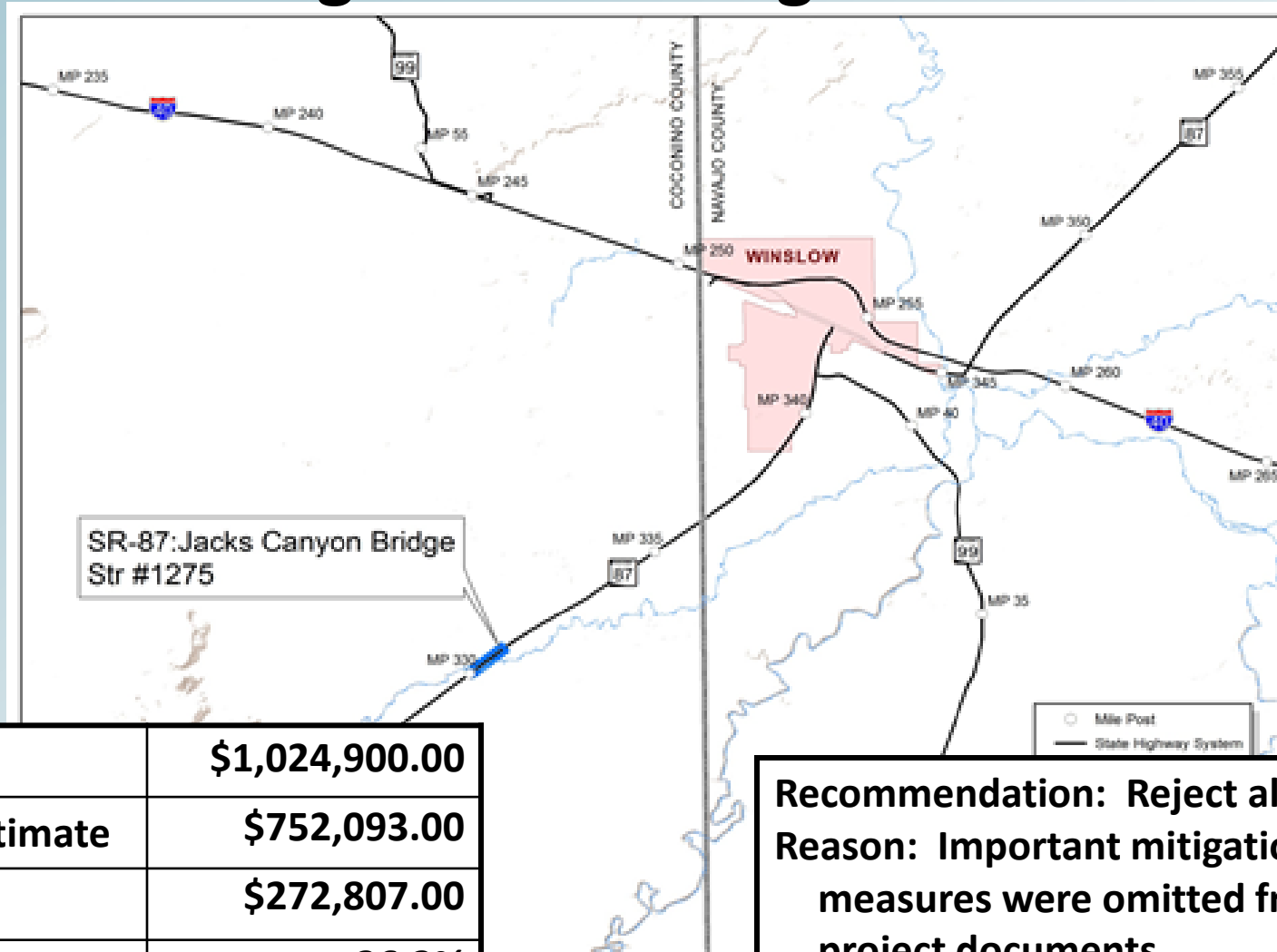
Low Bid	\$2,628,331.80
State Estimate	\$3,483,764.10
\$ Under	(\$855,432.30)
% Under	-24.6%

Recommendation: Award
Reasons for Difference:

- Safety Scaling
- Traffic Control



Agenda Item 10g: SR87

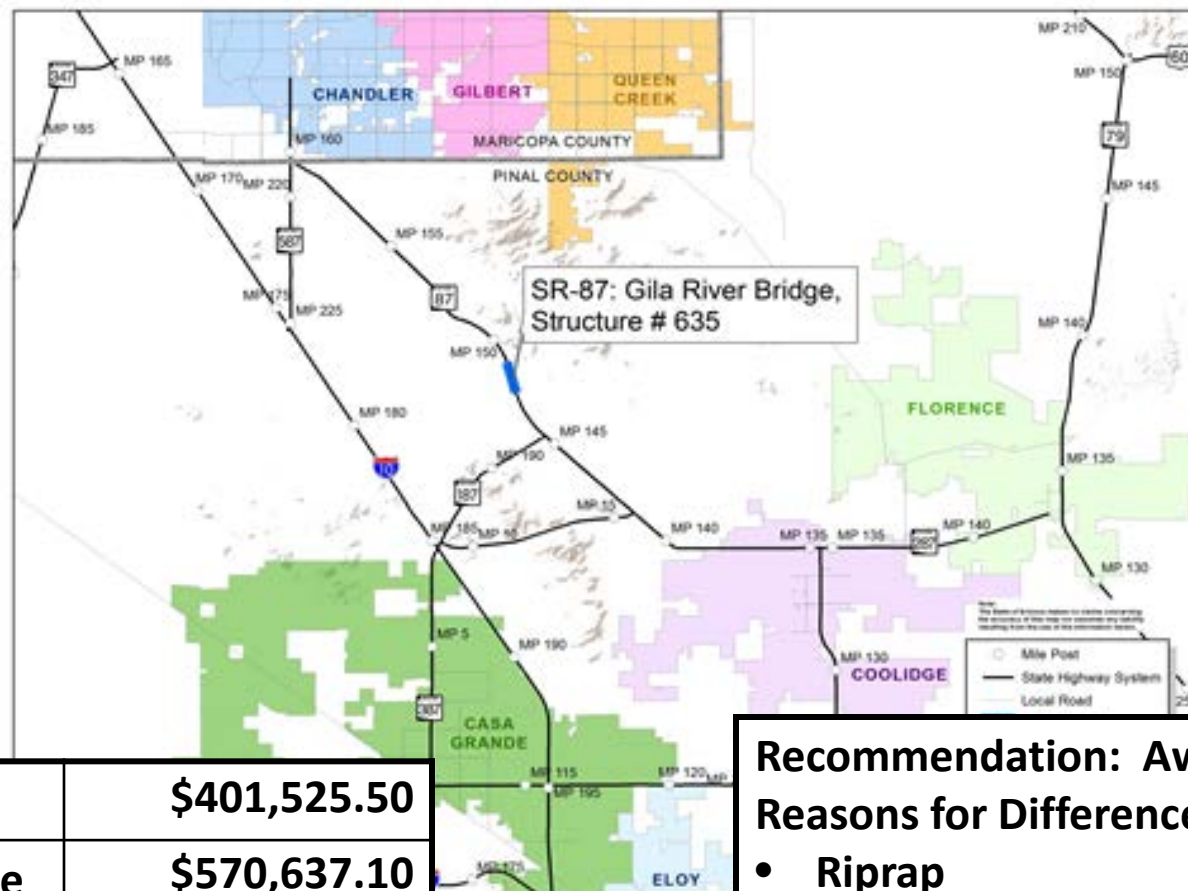


Low Bid	\$1,024,900.00
State Estimate	\$752,093.00
\$ Over	\$272,807.00
% Over	36.3%

Recommendation: Reject all bids
Reason: Important mitigation measures were omitted from project documents



Agenda Item 10h: SR87



Low Bid	\$401,525.50
State Estimate	\$570,637.10
\$ Under	(\$169,111.60)
% Under	-29.6%

Recommendation: Award
Reasons for Difference:

- Riprap
- Structural Concrete
- Shotcrete