

# Mesa proposed ALCP changes

1

Extend Southern & Higley intersection widening project to Southern Ave.  
from Greenfield to 1,000 ft e/o Higley corridor project

Extend Southern & Lindsay intersection widening project to Southern Ave.  
from west of Gilbert to 1,000 ft e/o Val Vista drive corridor project

Extend Val Vista: Baseline to Southern corridor project to Val Vista:  
Baseline to Pueblo corridor project

Extend University: Higley to Hawes corridor project to University: Higley to  
88th St corridor project

- Request to extend limits
- Request does not include asking for additional regional funds
- All proposed projects include at least a capacity and safety roadway improvement component
- Proposed work was brought forward as a recommendation from an alignment study or DCR.

# Mesa proposed ALCP changes- recommendations of the Southern Ave. DCR (2015)

2

**PROJECT #1** - Southern Ave - from Greenfield Rd. to Higley Rd. Includes Intersection Improvements at Higley Rd / Southern Ave, and Gas Line Replacement.

**PROJECT #2** - Val Vista Drive - from Baseline Rd to Superstition Freeway. Includes 600' Street Widening at SE end of Baseline and requesting OHE undergrounding.

**PROJECT #3** - Southern Ave - from Gilbert Rd to Val Vista Greens. Includes Intersection Improvements at Lindsay Rd / Southern Ave, and Water Line Replacement.

**PROJECT #4** - Baseline Rd - from 24th St. to Consolidated Canal. Includes Storm Drain, Water Line, Medians with Street Lights, and Intersection Improvements at Lindsay Rd / Baseline Rd.

**PROJECT #5** - Val Vista Drive - from Superstition Freeway to Pueblo. Includes Val Vista Dr / Southern Ave Intersection and Street Widening South of Val Vista to Freeway.



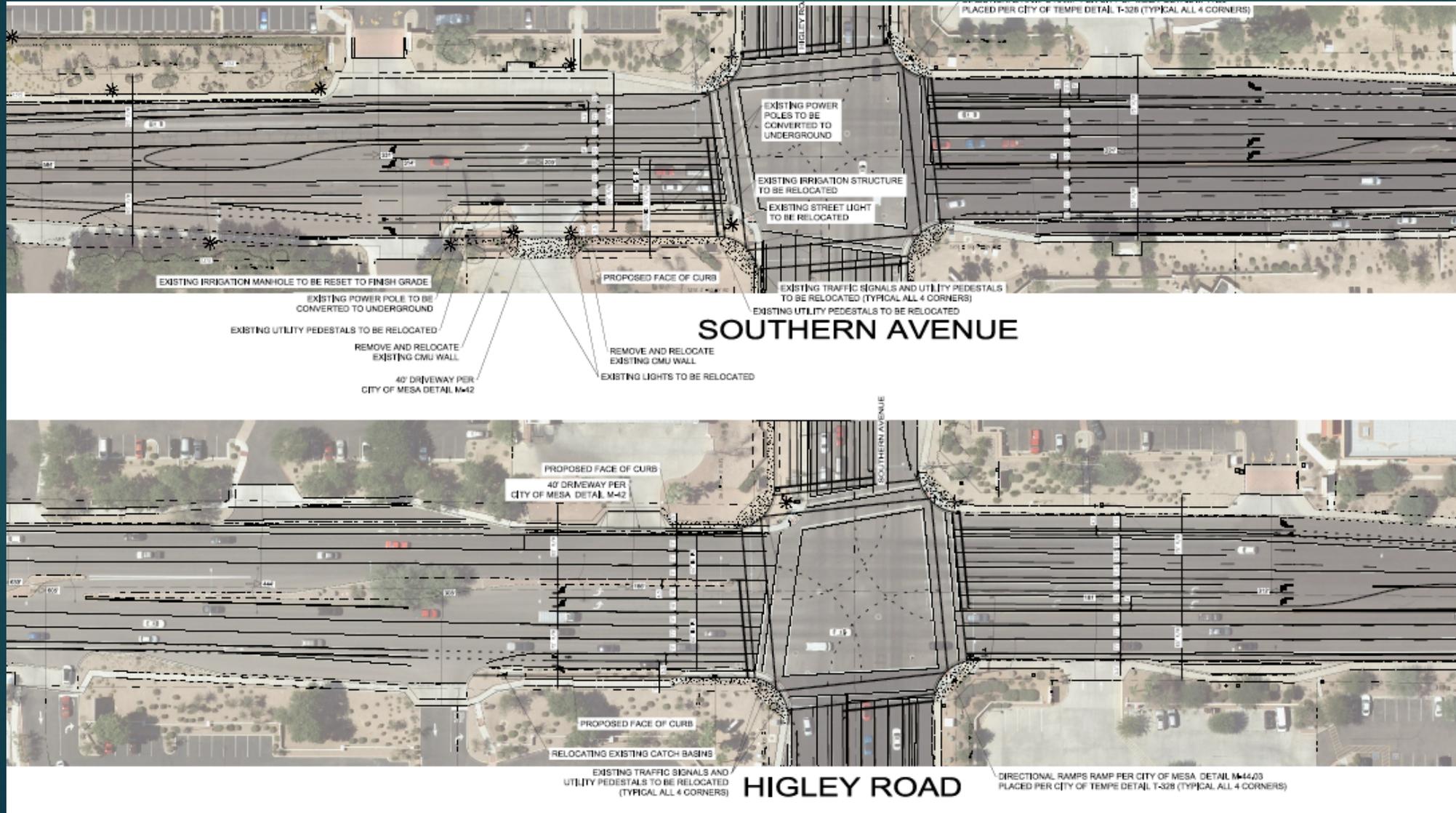
 RW AND/OR EASEMENTS REQUIRED (CURRENTLY IDENTIFIED)  
 INCLUDES MAIN LINE UNDERGROUND UTILITY IMPROVEMENTS

CITY OF MESA  
PROPOSED ROADWAY IMPROVEMENTS  
DATE PREPARED: 9-2-15



# Southern Ave. from Greenfield to 1,000 ft e/o Higley corridor project

3



## DESIGN CRITERIA

1. LAYOUT CONFORMS TO CITY OF MESA STANDARD DETAIL M-46.05.01 WITH MODIFICATIONS OF 2 LANES WEST BOUND ON SOUTHERN AVENUE
2. EXISTING MEDIAN TO REMAIN ON SOUTH LEG OF HIGLEY ROAD.
3. PROPOSED STRIPING CONFORMS TO CITY OF MESA STANDARD DETAILS M-47.01 THRU M-47.04.

# Southern Ave. from Greenfield to 1,000 ft e/o Higley corridor project

- ▶ Summary:
  - ▶ At Higley widen the intersection in the eastbound direction to construct a 3<sup>rd</sup> thru lane.
  - ▶ Finish the SW corner of the intersection
  - ▶ Widen the southbound departure side to standard width which will provide north and southbound bike lanes
  - ▶ Construct medians in all 4 approaches of intersection SA/HR including directional ramps (M44.03)
  - ▶ Update driveways (M42)
  - ▶ Installation of ITS conduit and replace video for loops
- ▶ Questions?
- ▶ Action – please recommend for approval
- ▶ thank you

| Results of the ALCP evaluation tool  |       |
|--------------------------------------|-------|
| Project                              | Score |
| Southern Ave./Higley                 | 0.8   |
| Southern Ave. : Greenfield to Higley | 1.3   |





## Southern Ave. from west of Gilbert to 1,000 ft e/o Val Vista Drive corridor project

- ▶ Summary:
  - ▶ At the intersections of SA/Lindsay and SA/Gilbert R, install medians at the approaches.
  - ▶ SA/Lindsay will have new directional ramps and each corner and a 4 foot raised median with single left turns at the east and west approaches.
  - ▶ The curb and gutter at the SE and SW corners will be relocated towards the center of Lindsay to reduce pedestrian cross time and align the north and south approaches.
- ▶ Questions?
- ▶ Action – please recommend for approval
- ▶ thank you

| Results of the ALCP evaluation tool |       |
|-------------------------------------|-------|
| Project                             | Score |
| Southern Ave./Lindsay               | 0.9   |
| Southern Ave.: Gilbert to Val Vista | 1.25  |

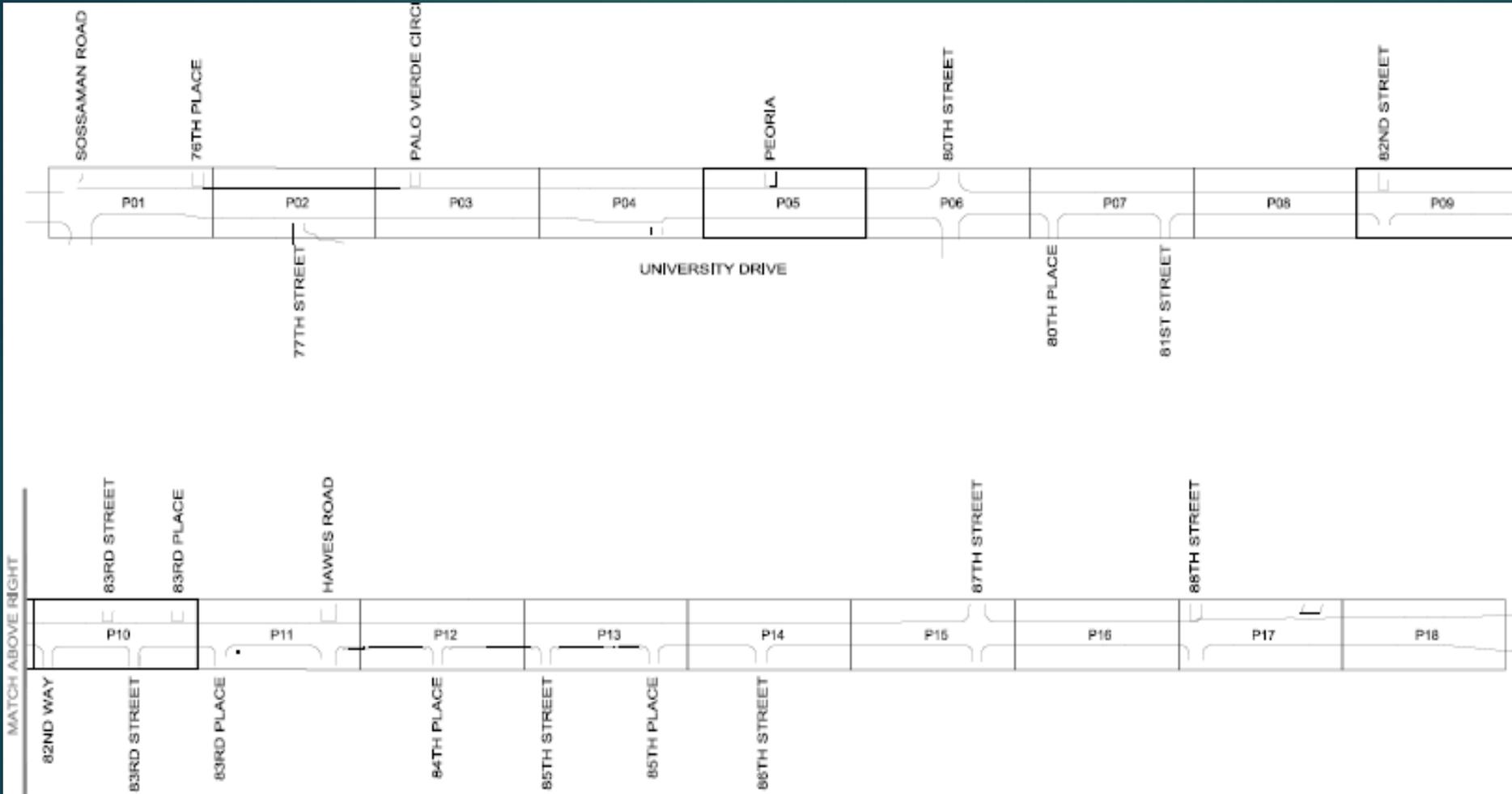


# Val Vista: Baseline to Pueblo corridor project

- ▶ Summary:
  - ▶ We are extending the project limits to accommodate tapers and ensure the pavement is properly treated.
  - ▶ Val Vista to be 6 L with raised median at intersection of VV/ SA (M46.03.2).
  - ▶ VV/SA be constructed to allow 3 thru lanes for approx. 1,700 ft., then taper.
  - ▶ Directional ADA ramps are to be considered.
  - ▶ Installation of ITS conduit and replace video for loops.
  - ▶ Construct new or upgrade curb, gutter, sidewalk and ramps as required.
- ▶ Questions?
- ▶ Action – please recommend for approval
- ▶ thank you

| <b>Results of the ALCP evaluation tool</b> |              |
|--|--------------|
| <b>Project</b>                             | <b>Score</b> |
| Val Vista: Baseline to Southern Ave.       | 0.8          |
| Val Vista: Baseline to Pueblo              | 0.9          |

# University: Higley to 88th St corridor project



## Schedule:

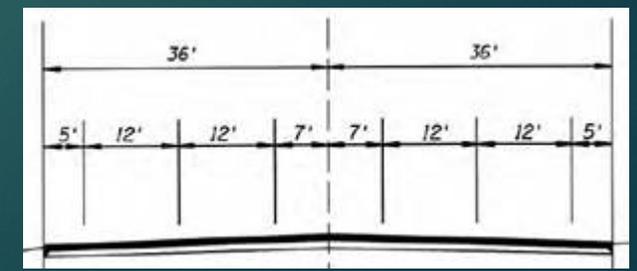
- Additional survey and survey basemap was completed Jan. 15<sup>th</sup>.
- Updated design plans (to include widened intersection, signing & striping, streetlights, traffic signal relocation, etc.) will be submitted for City review by Feb. 15<sup>th</sup>
- City will review to follow and CRM will be held at the end of Feb.
- Final/sealed plans will be submitted beginning of March
- Project will be released (along with CP0439P1-C Signal Butte and CP0450-0002 Signal Butte/Emelita TS) end of March

# University: Higley to 88th St corridor project (full corridor; 1st ALCP project to be Sosssaman Road to 88th Street)



- 4 through L (2 L in each direction) with a continuous center lane, BL on each side and streetlights.
- RT bays at varied locations.
- Acquired an additional 10' of ROW on the south side of University.
- Project to add additional lane of travel on the south side of University from Sosssaman to the east limits of the vacant parcel.
- ITS component of this project is approx. 825 LF of quad duct bank. Only conduit is included, no fiber.

Cross section:



## University: Higley to 88th St corridor project (full corridor; 1<sup>st</sup> ALCP project to be Sossaman Road to 88<sup>th</sup> Street)

- ▶ Summary:
  - ▶ 4 through L (2 L in each direction) with a continuous center lane, BL on each side and streetlights.
  - ▶ Right Turn bays at varied locations.
  - ▶ Acquired an additional 10' of ROW on the south side of University.
  - ▶ Project to add additional lane of travel on the south side of University from Sossaman to the east limits of the vacant parcel.
  - ▶ ITS component of this project is approx. 825 LF of quad duct bank. Only conduit is included, no fiber.
- ▶ Questions?
- ▶ Action – please recommend for approval
- ▶ thank you

| Results of the ALCP evaluation tool |       |
|-------------------------------------|-------|
| Project                             | Score |
| University: Higley to Hawes         | 0.9   |
| University: Higley to 88th St.      | 0.8   |

# RECAP: Mesa proposed ALCP changes

12

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Extend Southern & Lindsay intersection widening project to Southern Ave. from west of Gilbert to 1,000 ft e/o Val Vista drive corridor project

Extend Val Vista: Baseline to Southern corridor project to Val Vista: Baseline to Pueblo corridor project

Extend University: Higley to Hawes corridor project to University: Higley to 88th St corridor project

## Results of the ALCP evaluation tool

| Project                              | Score |
|--------------------------------------|-------|
| Southern Ave./Higley                 | 0.8   |
| Southern Ave. : Greenfield to Higley | 1.3   |
| Southern Ave./Lindsay                | 0.9   |
| Southern Ave.: Gilbert to Val Vista  | 1.25  |
| Val Vista: Baseline to Southern Ave. | 0.8   |
| Val Vista: Baseline to Pueblo        | 0.9   |
| University: Higley to Hawes          | 0.9   |
| University: Higley to 88th St.       | 0.8   |

# Thank you

QUESTIONS?

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