

Traffic Signal Standards

City Council Work Session
August 29, 2016



Presentation Outline



AGENDA

- Existing Standards
- Proposed Alternate Standard
- Recommendations

Existing Standards

BENEFITS

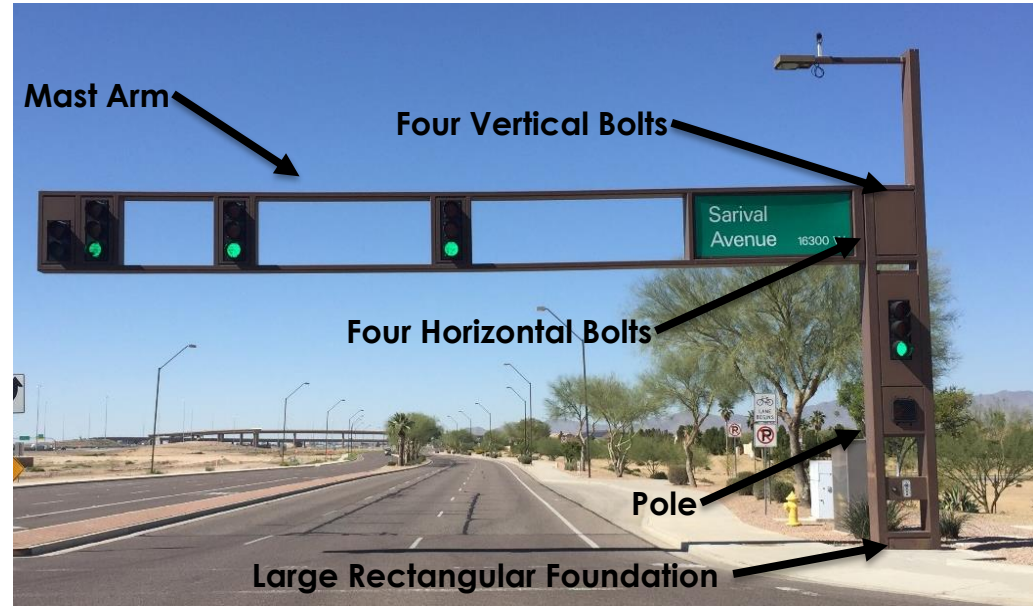
- Large street name signs
- Finished look
- Very sturdy



Modular Poles

CHALLENGES

- Cost
- Construction challenges
- Maximum signal arm Length of 50'
- Fabrication/long lead item



ADOT Style Poles



BENEFITS

- Cost
- Easier construction
- Ease of Replacement
- Mast arm length up to 65'



ADOT Style Pole



EXAMPLES IN OTHER CITIES



Grayhawk
Scottsdale

Kierland Commons
Phoenix/Scottsdale



Vistancia
Peoria

ADOT Style Poles



CHALLENGES

- More susceptible to damage
- Smaller street name sign
- Perception of less finished look



Modular vs. ADOT Style

COMPARISON OF MODULAR AND ADOT STYLE POLES

Modular	ADOT Style
Very sturdy	More susceptible to damage
Large street name signs	Smaller street name sign
Finished look	Perception of less finished look
\$450,000 to \$525,000 cost	Approximately \$300,000 cost
Difficult construction	Easier construction
Maximum mast arm length of 50'	Maximum mast arm length of 65'
Approximately 16 to 18 week lead time	Approximately 10 to 12 week lead time
Goodyear, Tempe	Scottsdale, Chandler, Gilbert, Peoria, Glendale

Recommendation



Enhanced ADOT Style Pole



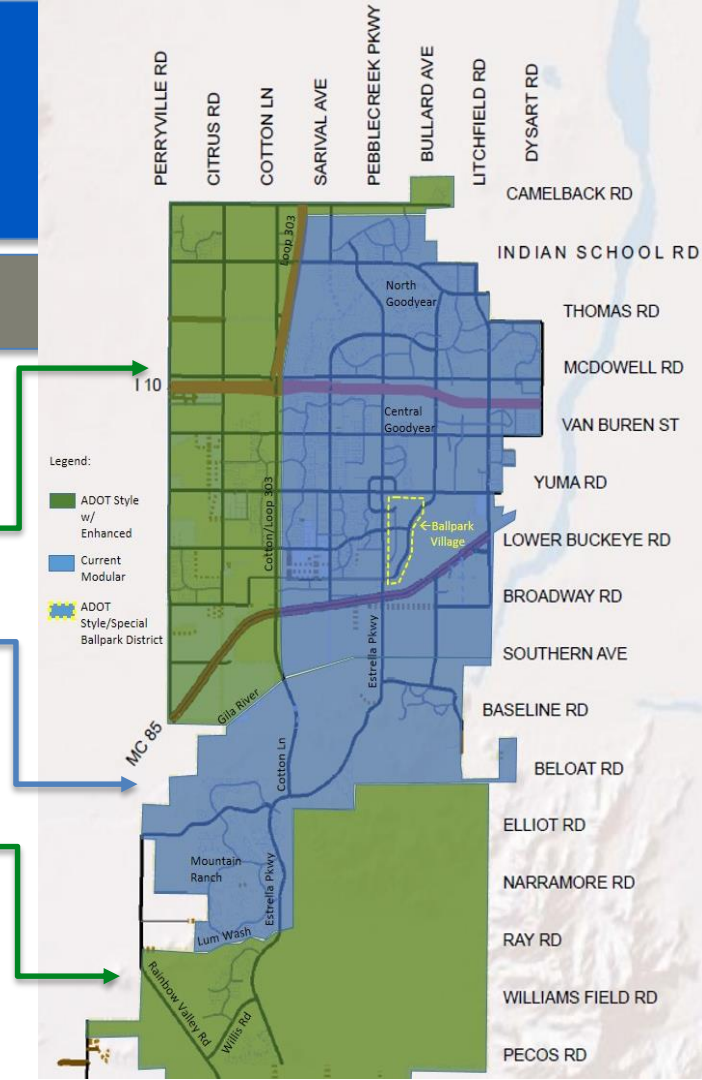
EXAMPLES



Recommendation

MODULAR POLE AND ENHANCED ADOT POLE

- Camelback Corridor and West of 303
- North and Central Goodyear
- Estrella area (south of Mountain Ranch)
- Place making opportunities



Recommendation



- Policy direction discussion

