



# Street Name Detail & Upgrade

- Opportunity to Utilize federal Funding.
- Condition of Signs
- Standards and Detail Options





## Highway User Revenue Program

- Federal funding as part of the Highway User Improvement Program to bring our sign inventory management into federal compliance;
- The grant is broken into 2 phases;
  - Phase I – Perform an inventory assessment and provide a software platform for sign inventory management.
  - Phase II - Purchase of up to 3700 signs. (We currently manage 7000)
- We have identified 300 regulatory, warning and guide signs needing replacement. We have \$242,000 available to purchase up to 3700 signs.



# CITY OF MARICOPA®

PROUD HISTORY • PROSPEROUS FUTURE



- Some of our guide signs are in this condition or are out of specification.
- We have a lot of capacity to purchase many more street name signs.
- Our current sign detail comes from the Maricopa Association of Governments.
- The federal monies provides Maricopa an opportunity to update our signs and include some changes to its current design.

# Standards and Guidance

- New MUTCD Standards –
  1. All street name signs shall include a combination of upper and lower numbers.
  2. All street name signs on roads with posted speeds over 25 MPH shall use 6" lettering.
  3. Fonts shall be U.S. Highways Alphabet Series C, D
  4. All street name signs on roads with posted speeds under 25 MPH may use 4" lettering.



1. LENGTH: DEPENDS ON LENGTH OF STREET NAME.
2. METAL: 0.080 GAUGE, 6061-T6 OR 5052-H3B ALLOY SHEET ALUMINUM.
3. REFLECTIVE SHEETING: COPY AND BACKGROUND SHALL BE 3M TYPE XI OR EQUIVALENT. MATCH COMPONENT SYSTEM.
4. LETTERS, NUMBERS, ETC. TO BE PRESSURE SENSITIVE ACRYLIC EC FILM.
5. LETTERS, NUMBERS AND SPACING SHALL BE PER U.S. DEPARTMENT OF TRANSPORTATION STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS SERIES B.
6. COLOR: TO BE PER LATEST ADOT STANDARDS WITH THE BACKGROUND **BROWN** AND THE COPY (MARGIN AND LEGEND) WHITE WITH THE EXCEPTION OF PRIVATE STREETS WHICH SHALL HAVE A BLUE BACKGROUND.
7. SIGN PANELS SHALL BE FREE OF BUCKLES, WARPS, DENTS, COCKLES, BURPS AND DEFECTS RESULTING FROM FABRICATION AND SHIPPING.
8. PRESSURE SENSITIVE COPY MUST PROVIDE MINIMUM 10 YEAR DURABILITY WITH PREMATURE FAILURE DUE TO NATURAL WEATHERING OR SIGN TO BE REPLACED BY VENDOR AT NO CHARGE TO THE CITY OF MARICOPA. FAILURE IS INTERPRETED TO BE CRACKING OR PEELING OF BACKGROUND OR LEGEND FROM NORMAL WEATHERING.
9. THE SIGN MANUFACTURER SHALL SUBMIT A NOTARIZED CERTIFICATION OF COMPLIANCE TO THE CITY OF MARICOPA STATING THAT THE MANUFACTURE PROCEDURE AND THE MATERIALS FINISHED CONFORM TO THE REQUIREMENTS OF THE PROVISIONS.
10. DIMENSIONS (INCHES)

WHEN APPROACHED ON A:	A	B	C	D	E	F	G
POST MOUNTED OVER 25 MPH	10	5	6	4	3	6	2 min
POST MOUNTED UNDER 30 MPH	8	4	4	3	2	2.5	2 min



STANDARD  
DETAIL

STREET NAME SIGN

APPROVED

CITY ENGINEER

DATE

Detail No.

MAR—220

 Maricopa Rd

 Maricopa Rd

 Maricopa Rd

Maricopa Rd 



# Questions?

