

Signing and Striping General Plan Notes

1. The City of Avondale Engineering Department shall be notified three (3) business days prior to starting any signing or striping work.
2. Unless otherwise specified, all pavement marking and traffic control signing installations and removals shall conform to the requirements set forth in the City of Avondale "Construction Specifications" Section XI. Items not covered under the City specifications shall conform to the Arizona Department of Transportation (ADOT) standard drawings, details and specifications or the "Manual on Uniform Traffic Control Devices" (MUTCD) latest edition, as applicable. Sign requirements, guidelines, and warranties shall be in accordance with the MUTCD most recent edition.
3. The Contractor shall be responsible for the layout and installation of the permanent pavement markings following control points that have been set no more than 50 feet apart along the lines to be striped. Pavement marking dimensions are to the center of the stripe for single line striping, and to the center of the space between the two lines for double line striping. Where curb and gutter are present, dimensions are to the back of the curb. The Contractor shall schedule inspection of the pavement marking layout at least three (3) business days prior to layout and installation of permanent pavement marking. Inspection shall take place during daytime and on a business day prior to installation of permanent pavement markings.
4. Pavement marking drawings are schematic only and not to scale. The Contractor shall follow all dimensions, notes, details and standards when installing pavement striping, markings and markers.
5. Temporary traffic control shall conform to the most recent edition of the City of Phoenix "Traffic Barricade Manual," the "MUTCD," and/or as directed by the City of Avondale.
6. Unless otherwise directed, all final location lane striping including crosswalks and stop bars shall be thermoplastic material applied at a minimum thickness of 60 mil. All pavement symbols, arrows, and lettering shall be thermoplastic, Type I (permanent) preformed pavement markings. Temporary pavement markings shall be reflectorized traffic paint. Temporary striping of a half street roadway shall be thermoplastic.
7. All signs shall conform to the MUTCD and shall be made from .080 inch thick aluminum. Sign posts and extensions shall be galvanized square perforated steel tubing per City standards. Height requirements shall be in accordance with the MUTCD.
8. All traffic control sign faces shall be constructed of diamond grade reflective sheeting such as 3M standard, unless otherwise noted.

9. All signs shall have a minimum clearance from the edge of the sign to the face of the curb of at least two (2) feet. If no curb exists, the minimum clearance shall be at least ten (10) feet from the edge of the pavement. All signs shall be placed so as to not interfere with pedestrian movement.
10. Any traffic control signage, including street name signs, which may be located within ten (10) feet of an existing street light pole, may be properly mounted to the pole with approval from the City. Sign locations and offsets may be adjusted by the City to improve visibility.
11. All concrete median curb noses shall be painted with yellow reflective safety paint from the front of the bullnose back ten (10) feet.
12. Raised pavement markers (RPMs) shall be installed on arterial roadways with existing RPMs or roadways without full street lighting. All raised pavement markers shall be installed in accordance with ADOT Standard Drawings 4-M-2.02, 4-M-2.03.1, 4-M-2.03.2, and 4-M-2.04. Two-way Type M raised pavement markers shall be installed adjacent to fire hydrants per City of Avondale standards.
13. Any existing signage that is required to be relocated by the Contractor shall be removed, protected, and stored for reinstallation by the Contractor. Damaged signage shall be replaced at the Contractor's expense. Any existing signs required to be permanently removed by the Contractor shall be salvaged for return to the City.
14. The Contractor shall remove all existing pavement markings and striping in conflict with the final striping plan by ultra high-pressure water (36,000 psi per MAG specifications). All removal methods shall be done in conformance with EPA requirements. If the removal of striping causes a depression of 1/8 inch or greater in the pavement surface, the Contractor shall fill and slurry seal the area per MAG Standard Specification 713 & 715, Type II.
15. The Contractor shall clean the roadway surface to the satisfaction of the City by power broom, street sweeping, air jet blowing, and/or water jet/truck prior to the placement of all pavement markings. The road pavement surface shall be absolutely dry. The air and pavement temperatures shall not be less than 55° F and 61° F for the placement of thermoplastic marking and Type I marking tape, respectively.
16. Street name signs located at all intersections shall have block numbers. Block numbers shall be assigned by the City's Building Division. Block numbers shall be installed per City specifications.