

CITY OF TOLLESON
ENGINEERING DEPARTMENT

SIGNING AND STRIPING NOTES

1. The City Inspector shall be notified 48 hours 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 of the City of Tolleson and as set forth in 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 current 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 center of the stripe for single line striping, and to center of the space between the two lines for double line striping. Where curb and gutter is present, dimensions are to the back of curb.
4. The 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 City of Phoenix "Traffic Barricade Manual", the "Manual on Uniform Traffic Control Devices" (MUTCD) and/or as directed by the City.
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 mils. 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 or half-street roadway striping shall be paint.
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 per MUTCD.
8. All traffic control sign faces shall be constructed of diamond grade reflective sheeting such as 3M 4000 series, unless otherwise noted.
9. All signs shall have a minimum clearance from edge of sign to the face of the curb of at least two (2) feet; or if no curb exists, it shall be at least four (4) 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 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 10 feet.
12. 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 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), sandblasting or by slurry seal per MAG spec. 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 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 degrees F and 61 degrees F for the placement of thermoplastic marking and Type I marking tape, respectively.
16. Street name signs located at all collector and arterial intersections shall have block numbers. Block numbers shall be as assigned by the City's Building Department. Block numbers shall be installed per City specifications.