



# Permanent Pavement Markings & Striping Standards

DETAIL #: SS-201

City of Glendale  
Transportation Department  
6210 W. Myrtle Ave  
Glendale, AZ 85301  
www.glendaleaz.com

**A. General:** The work under this section consists of the contractor furnishing all materials, preparing the pavement surface and installing the pavement markings. All pavement marking materials shall be approved by the City of Glendale Transportation Department prior to installation.

The contractor shall contact the City of Glendale Transportation Traffic Barricade Division at 623-930-2764 minimum of 72 hours in advance of striping layout to obtain the necessary lane closure permits.

The contractor shall lay-out in the field all striping and markings for the City of Glendale Transportation Division review and approval, a minimum of 48 hours before installation. The contractor shall contact the City of Glendale Traffic Engineering Specialist (623-930-2938) to approve layout.

All newly paved or repaved roadways shall first be striped in water-based paint at 4" min thickness and then re-striped 90 mil thermoplastic markings. Application of thermoplastic markings shall occur at least 30 days, but no longer than 90 days, after final paving.

Roadway striping shall not be done on weekends or holidays unless approval is granted by the City Traffic Engineer, a minimum of two working days before installation.

All pavement striping dimensions are measured to the lip of curb and gutter or edge of pavement (when curb is not present) and center of stripe, or to the center of double stripes.

**B. Marking Removal and Disposal:** The contractor shall remove and clean up all existing pavement markings and striping in conflict with the final striping plan, by ultra-high-pressure water (36,000 P.S.I.) This removal method shall be done in conformance with E.P.A. requirements. Refer to MAG 104.1.4 for Cleanup and Dust Control. Disposal of all debris related to marking removal shall be in conformance with all City of Glendale codes including but not limited to Section 33-300 and Chapter 18. The contractor shall seal the area with slurry per M.A.G. Standard Specifications 713 and 715, Type Two after City staff have verified that the stripe removal was completed to the satisfaction of the City. Covering existing markings with black paint, tar or any other substance does not constitute line removal and will not be approved. Seal shall not be applied till it is inspected by Glendale - Striping removal shall not be done during the weekend.

**C. Lane Lines and Centerline:** Application of the white lane line and yellow centerline striping shall be performed in accordance with Arizona Department of Transportation (ADOT) Standard Specification 704. The application equipment shall be truck mounted per ADOT Standard Specification 704-3.01.

Materials for white lane line and yellow center line striping shall be in accordance with ADOT Standard Specification 704. All long line reflectorized striping shall be extruded and be applied at a thickness of 90 mils (0.090 inches), placed at a minimum of 30 calendar days after the initial striping.

All yellow and white broken lane lines shall have a common start point and cycle length, so as to be restriped simultaneously, using a common cycle length on both sides of the truck carriage. The cycle length shall be 40 feet with a 10-foot long line and a 30-foot space between lines.

**D. Crosswalks and Stop Bars:** Installation and material for striping all stop bars and crosswalks shall be in accordance with Section 704 of the ADOT Standard Specification. The crosswalk and stop bars shall be 90 mil extruded thermoplastic.

**E. Pavement Turn Arrows and Symbols:** Installation and material for left / right turn arrows and symbols shall be in accordance with Section 705 of the ADOT Standard Specifications. Material to be 3M Stamark™ High Performance Tape Series 380IES or approved equal. Apply low VOC surface preparation adhesive Stamark SPA60 or approved equal per manufacturer spec, to the roadway for the installation of all arrows and symbols.

**F. Raised Pavement Markings:** Raised pavement markers shall be in accordance with Section 706 of the ADOT Standard specifications. Material to be Stimsonite C80 raised pavement markers with un-tempered glass lens, or approved equal. Install the markers per City of Glendale Striping Standard SS-219.

A double sided blue raised pavement marker shall be installed at each fire hydrant in accordance with City of Glendale Standard Detail G-650 (Type BB).

**G. Hatching:** Using hatching typically should be 12" wide stripe placed at a 45 degree angle in the direction of traffic spaced at a distance in feet equal to the posted speed limit, i.e. 40 foot spacing on a 40 MPH roadway, unless otherwise approved by the City Traffic Engineer or their designee.

Permanent Pavement Markings and Striping	DETAIL # <b>SS-201</b>
APPROVED BY: CITY TRAFFIC ENGINEER	DATE: <b>07 / 2025</b>