**PAVEMENT MARKING NOTES:**

Final Striping

1. Final striping shall be 90 mil (0.090 inches) thick alkyd extruded thermoplastic reflectorized striping placed over the existing striping, placed at a minimum of 30 calendar days after the initial striping. All other markings shall be applied at the same time.
2. Final striping shall be a two-part epoxy pavement marking material placed at a minimum of 30 days after the initial striping. The two-part material shall conform to the requirements of the Special Provisions.
3. At the completion of the final pavement surface each day, center lines, lane lines, edge lines and stop bars shall be striped with one application of standard reflectorized traffic paint at the locations of the permanent striping. The paint shall have a maximum thickness of 15 mils wet (5 mils dry).
4. The Contractor shall offset the chip seal markers or remove the markers immediately prior to applying the final striping so that the markers will not interfere with the application of the final pavement markings.

Raised / Reflective Pavement markers

1. All reflective raised / recessed pavement markers shall be installed so that the reflective face of each marker is facing the direction of traffic and is perpendicular to the direction of traffic flow. Type C pavement markers shall be installed so that the clear reflective face of each marker is facing approaching traffic and is perpendicular to the direction of traffic flow.
2. All reflective raised / recessed pavement markers shall have an abrasion-resistant coating on the face of the prismatic reflectors and shall conform to details M-18 or M-19 of the ADOT Standard Drawings. They shall be installed with a bituminous adhesive which is on the ADOT Approved Products List.
3. Where raised / recessed pavement markers are placed along solid striping, the nearest edge of each marker shall be offset two inches from the nearest edge of the stripe.

Rumble Strips

1. The Contractor shall install ground-in rumble strips continuously along edge lines, except on concrete surfaces or on bridges, with no more than half an inch of AR-ACFC. The ground-in rumble strips shall conform to the details shown on ADOT Standard Drawings.
2. The Contractor shall install transverse ground-in rumble strips in the travel lane approach to the intersection indicated on the plans.

Pavement Preparation

1. The Contractor shall clean the roadway surface to the satisfaction of the Engineer, by sweeping and air-jet blowing, immediately prior to the placement of all epoxy pavement markings. The roadway surface shall be dry. The pavement temperature shall not be less than 40 degree F and the air temperature wind chill factor shall not be less that 35 degree F for the placement of epoxy pavement markings.
2. The Contractor shall clean the roadway surface to the satisfaction of the Engineer, by sweeping and air-jet blowing, immediately prior to the placement of all pavement markings. The roadway surface shall be dry and the air and pavement temperatures shall be a minimum of 55 degree F and rising for the placement of thermoplastic striping. The roadway surface shall be dry and the air and pavement temperatures shall not be less than 60 degrees F for the installation of Type I, II, or III pavement marking tape. Type I tape shall not be installed if rain is anticipated 48 hours prior to or after intended installation date.
3. The Contractor shall clean the roadway surface to the satisfaction of the Engineer, by sweeping and air-jet blowing, immediately prior to the placement of all pavement markings. The roadway surface shall be dry. The pavement temperature shall not be less than 40 degrees F and the air temperature shall not be less than 35 degrees F for the placement of epoxy pavement markings. The roadway surface shall be dry and the air and pavement temperatures shall not be less than 60 degrees F for the installation of Type I pavement marking tape, and shall not be less than 55 degrees F for the installation of extruded thermoplastic.

Striping and Legends

1. Single arrow, freeway arrows, and “ONLY” legends shall be installed in accordance with ADOT Standard Drawings.
2. All final stop bars, crosswalk lines, and pavement arrows shall be 90 mil (0.090 inch) thick, extruded thermoplastic reflectorized markings. All “ONLY” legends shall be white Type I preformed marking tape.
3. It is the Contractor’s responsibility to ensure that the final surface course is placed so that the striping is offset one foot clear of any construction joint, unless otherwise directed by the Engineer.
4. At the completion of the final pavement surface each day, center lines, lane lines, edge lines and stop bars shall be striped with one application of standard reflectorized traffic paint at the locations of the permanent striping. The paint shall have a maximum thickness of 15 mils wet (5 mils dry).
5. The Contractor shall be responsible for the layout and installation of permanent pavement markings on the final surface course following control points that have been set no more than 50 feet apart along the lines to be striped.
6. The Contractor shall break the center lines and edge lines adjacent to turnouts across any intersections with dedicated roadways or as otherwise directed by the Engineer. In addition, the Contractor shall not place any center lines within 10 feet of the nearest edge of pavement of the intersecting roadway.

Obliteration

1. When stripe obliteration is necessary, it shall be accomplished by an approved method. Painting over striping, removal of pavement, and overlaying pavement do not constitute stripe obliteration.

General

1. The Contractor shall preserve all roadway signs, sign supports, object markers, and milepost markers. The Contractor shall replace any signs, sign supports or markers damaged as a result of the construction at the Contractor’s expense.
2. The Contractor shall delineate all new guardrail end treatments in accordance with the ADOT Standard Drawings and ADOT Standard Specifications. There shall be no measurement or payment for the guardrail end treatment delineation.
3. The Contractor shall replace all delineators with new flexible delineators. All delineators shall be installed in accordance with ADOT Standard Drawings and as directed by the Engineer. All flexible delineators shall be on ADOT’s Approved Products List.
4. The Contractor shall notify the Engineer two weeks prior to the application of any pavement markings to schedule a “NO PASSING ZONE” survey by State forces. The “NO PASSING ZONE” survey shall supersede the permanent pavement marking plans. State “NO PASSING ZONE” crew phone numbers: (602) 228-2508, (602) 228-0889 or (602) 228-4932.
5. It is the Contractor’s responsibility to develop an “As-Built” plan of the existing striping and have the plan approved by the Engineer before any construction activities. The center line striping log is from ADOT office records which needs to be field verified. Layout of traffic markings will be part of the work included in item 9250001-Construction Surveying and Layout.
6. The pavement marking drawings are schematic only and not to scale. The Contractor shall follow all dimensions and details when installing pavement markings.