
SECTION 48 – TRAFFIC STRIPES AND PAVEMENT MARKINGS

48-1 GENERAL

Traffic stripes and pavement markings shall be as shown on the Plans and shall conform to these Specifications.

The traffic stripes and pavement markings shall conform to Section 84, "Markings" of the State Specifications and these Specifications.

48-2 THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS

Thermoplastic striping shall be used on all City Roadways.

48-3 PLACEMENT

New traffic striping of the roadway centerline shall be installed on each segment of roadway construction within twenty four (24) hours of the final lift of asphalt concrete pavement being placed on that roadway segment.

New traffic striping of lane lines, crosswalks, and stop bars (skip white and solid white) shall be installed on each segment of roadway construction within two (2) Calendar Days of the final lift of asphalt concrete pavement placed on that roadway segment.

If application of lane line striping, crosswalks, and/or stop bars is not completed on the required day, the Contractor shall supply and install temporary pavement markings as detailed below:

Temporary pavement markings shall be flush mounted reflectorized tape squares, four inch by four inch (4" x 4") 3M "Staymark" with backing liners, detour grade, #6350 yellow and #6351 white, or approved equal. Right turn barrier lines, edge lines, and shoulder lane lines shall not be delineated with temporary pavement markings. The spacing of the temporary pavement markings shall be as follows:

<u>Line Type</u>	<u>Color</u>	<u>Spacing</u>
Centerline (straight roadway portions)	Yellow	48' O.C.
Centerline (tapered or curving portions)	Yellow	24' O.C.
Stop Lines	White	6' O.C.
Channelizing Line	White	24' O.C.

The Contractor shall remove the temporary pavement markings prior to the installation of new striping.

All other required new striping (e.g. bicycle lane stripes, edge lines, pavement markings, etc., not listed above) shall be installed on each roadway segment within two (2) Working Days of the day the final lift of asphalt concrete pavement is placed on that roadway segment.

48-4 MEASUREMENT AND PAYMENT

Thermoplastic traffic stripes will be measured by the linear foot along the line of the traffic stripes, without deductions for gaps in broken traffic stripes. If the Contract includes a separate pay item for two-direction, no passing zone striping, each stripe of the double traffic stripe is measured separately by the linear foot. If the Contract does not have a separate pay item for two-direction, no passing zone striping, a double traffic stripe, consisting of two (2) four-inch (4") wide yellow stripes, will be measured as two (2) traffic stripes. If the Contract includes a separate pay

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item for median island and/or two-way left turn striping as depicted in Details 28, 29, and 31 of State Plan A20B, each stripe of the quadruple traffic striping shall be measured by the linear foot. If the Contract does not have a separate pay item for median island and/or two-way left turn striping, as depicted in Detail 28, 29 and/or 31 of State Plan A20B, a quadruple traffic stripe consisting of either four (4) solid four-inch (4") yellow stripes or two (2) solid and two (2) skip four-inch (4") wide yellow stripes, will be measured as four (4) traffic stripes. If the Contract includes a separate pay item for channelizing striping, an eight-inch (8") stripe shall be measured by the linear foot. If the Contract does not include a separate pay item for channelizing striping, as depicted in Detail 38 of State Plan A20D, an eight-inch (8") stripe shall be measured as two feet (2') of traffic striping for each linear foot of striping installed. If the Contract includes a separate pay item for bike lane striping, as depicted in Detail 39 or 39A of State Plan A20D, a six-inch (6") stripe shall be measured by the linear foot. If the Contract does not include a separate pay item for bike lane striping, as depicted in Detail 39 or 39A of State Plan A20D, a six-inch (6") stripe shall be measured as one and one-half feet (1-½') of traffic striping for each linear foot of striping installed.

Thermoplastic pavement markings, including crosswalk lines and stop bars, will be measured by the square foot for the actual area covered. The prices paid per linear foot for thermoplastic traffic stripes of the widths and patterns designated in the Contract and per square foot for thermoplastic pavement markings include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in applying thermoplastic traffic stripes and pavement markings, complete in place, including establishing alignment for stripes, and layout work, as shown or specified in the Contract, these Specifications, and directed by the City.

Painted traffic stripes will be measured by the linear foot along the line of the traffic stripes, without deductions for gaps in broken traffic stripes. A double traffic stripe, consisting of two (2) four-inch (4") wide yellow stripes separated by a three-inch (3") wide black stripe, will be measured as one (1) traffic stripe. Painted pavement markings will be measured by the square foot for the actual area painted. The prices paid per linear foot for painted traffic stripes and per square foot for painted pavement markings include full compensation for furnishing all labor, materials, tools, equipment, and incidentals involved in painting traffic stripes. Compensation shall include establishing alignment for stripes and layout work as shown or specified in the Contract, these Specifications, and directed by the City.