

SIGNING, STRIPING AND MARKINGS SPECIFICATIONS PART 1 OF 2

1.01 Contractor shall notify the Sonoma County Traffic Engineering Department (707-565-2231), referred to hereinafter as "County," of the intent to place any pavement marker, traffic stripe, pavement marking, and pavement legend layout lines ten (10) working days before the marker and striping work is to be performed. All labor, equipment and materials shall be provided by the Contractor.

Prior to placement, the location of all pavement markings, markers and traffic lines must be approved by a Sonoma County Traffic Engineering Department inspector. In addition, layout lines and/or "dribble lines" shall not be placed until the location has been approved by the Traffic Engineering Department inspector. The Contractor shall provide a surveyor to locate and mark points on the construction control line at 100 foot stations in tangent areas and at 50 foot intervals through curved areas.

The County may require additional work or facilities in the course of the construction of the project in order for the improvements to reasonably provide for the intended function or for public safety.

1.02 Pavement markers and traffic lines typical details are shown on current Caltrans Standard Plans sheets A20A through A20D, except center line striping and edge line striping shall be 4". Pavement markings details are shown on current Caltrans Standard Plan sheets A24A through A24F.

1.03 **ROADSIDE SIGNS:**

Roadside signs shall be furnished and installed as shown on the plans, including the Standard Plans, or where designated by the Engineer and in conformance with the provisions in Section 82, "Signs and Markers," of the Caltrans Standard Specifications and these special provisions, except that in Section 82-2.02A, paragraphs 2 and 3 are deleted and in Section 82-3.04, paragraph 4 is deleted.

The Contractor shall assume the costs and responsibilities resulting from the use of patented materials, equipment, devices, and processes for the Contractor's work.

Unless otherwise specified on the plans, the thickness of all signs shall be 0.080 inches, except for street name signs, advanced street name signs and signal mast-arm street name signs, which shall have a thickness of 0.125 inches.

Sign panels attached to electroliers, flashing beacons poles and signal standards shall be placed in accordance with the applicable Caltrans Standard Plans, unless shown otherwise by the plans and project specifications.

Wood posts shall conform to the provisions in Section 82-3.02C "Wood Posts" of the Caltrans Standard Specifications.

COUNTY OF SONOMA DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS		
SIGNING, STRIPING, AND MARKING NOTES (1 OF 2)		
DATE: JULY 2018	REVISED: JUNE 2020	
APPROVED BY: JH	SCALE: NONE	DRAWING NO. 799A

SIGNING, STRIPING AND MARKINGS SPECIFICATIONS

PART 2 OF 2

1.03 ROADSIDE SIGNS (Continued):

For installation on metal poles, sign panels less than 24" in width shall be attached directly to the poles using a minimum of two 5/16" x 3" long, Grade 3 carriage bolts with two flat washers and one nut. Sign panels 24 inches and wider shall be attached to metal sign poles using a minimum of two u-brackets, Zumar model number A3114SCUB2 with vandal proof bolt or approved equal. Additionally, sign panels 34 inches and wider shall also require sign back braces, Zumar model number ASB-35-UP or approved equal. All sign hardware shall be galvanized.

Metal poles not installed on a barrier or railing shall be 2 inch I.D., schedule 40, galvanized steel pipe, conforming to ASTM 120. Metal poles for street name signs shall be threaded at one end. All metal poles shall be capped. In concrete or other finished surfaces, a 4-inch diameter hole shall be rockdrilled to a minimum depth of 18 inches. In dirt areas, an 8-inch diameter hole shall be dug to a minimum depth of 18 inches. The metal pole shall be set using concrete mix, containing not less than 470 pounds of cementitious material per cubic yard.

1.04 DELINEATORS: Delineators shall be as shown on the plans and in accordance with Sections 81-1, "General" and 81-2 "Delineators" of the Caltrans Standard Specifications.

1.05 MARKERS: Markers shall be as shown on the plans and in accordance with Section 82-5 "Markers" of the Caltrans Standard Specifications.

1.06 TRAFFIC STRIPES AND PAVEMENT MARKINGS: Traffic stripes and pavement markings shall be as shown on the plans, in accordance with the provisions of Section 84, "Markings," of the Caltrans Standard Specifications and these Special Provisions, or as directed by the County.

All pavement markings, including stoplines, and all channelizing lines shall be thermoplastic. All other traffic stripes shall be painted, unless otherwise shown or noted on the plans.

1.07 PAVEMENT MARKERS: Pavement markers shall be in accordance with the provisions of Section 81-3, "Pavement Markers," of the Caltrans Standard Specifications.

1.08 EXISTING TRAFFIC STRIPES AND PAVEMENT MARKINGS: Existing traffic stripes and pavement markings which conflict with the new traffic striping and pavement marking plans shall be removed by the Contractor, in accordance with Section 84-9 "Existing Markings" of the Caltrans Standard Specifications.

1.09 EXISTING PAVEMENT MARKER AND DELINEATOR REMOVAL: Existing pavement markers and delineators which conflict with the new work shall be removed by the Contractor in accordance with Section 81-8, "Existing Pavement Markers and Delineators" of the Caltrans Standard Specifications.

COUNTY OF SONOMA DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS		
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