

**SECTION 34 - SIGNS**  
**TABLE OF CONTENTS**

<u>Section</u>	<u>Page</u>
34-1 GENERAL .....	34.1
34-2 OVERHEAD SIGN STRUCTURES .....	34.1
34-3 ROADSIDE SIGNS .....	34.1
34-3.01 Traffic Sign Types .....	34.1
34-3.02 Sign Panel Fastening Hardware .....	34.1
34-3.03 Park Signs.....	34.1
34-3.04 Construction.....	34.2
34-3.05 Sign Panel Installation.....	34.2
34-4 MEASUREMENT AND PAYMENT .....	34.2

## SECTION 34 - SIGNS

### **34-1 GENERAL**

Signs must conform to the State Specifications, and these Specifications.

### **34-2 OVERHEAD SIGN STRUCTURES**

Overhead sign structures must conform to the State Specifications, and these Specifications.

Welding of overhead sign structures must conform to the State Specifications, and these Specifications. The Contractor is responsible for welder certification.

### **34-3 ROADSIDE SIGNS**

Roadside signs must conform to the State Specifications, and these Specifications. Unless otherwise shown or specified in the Contract, sign panels for permanent installation as standard roadside signs, including park signs as specified in this Section, will be furnished and installed by the Agency.

#### **34-3.01 Traffic Sign Types**

Traffic signs are classified by general types according to the information or traffic control required:

- **Warning Signs**—Call attention to conditions on or adjacent to a traveled way that are potentially hazardous to traffic.
- **Regulatory Signs**—Give notice of traffic laws or regulations.
- **Guide Signs**—Show route designation, guidance and directional information.
- **Construction Signs**—Give guidance, regulate, and warn traffic through construction zones. Construction signs include warning, regulatory, and guide signs as well as specific instructional signs.

Traffic signs will be identified by codes. Warning, regulatory, guide, and construction signs are identified with a number preceded by one of the letters W, R, G, or C, which indicates the type of sign.

Installation and mounting of traffic signs, designated by type, must be according to the sign schedule or details shown on the Plans.

#### **34-3.02 Sign Panel Fastening Hardware**

Sign panel fastening hardware must conform to the State Specifications, and these Specifications. Lag screws, bolts, metal washers, and nuts may be cadmium-plated steel instead of commercial quality galvanized steel.

#### **34-3.03 Park Signs**

Signs with "Park Rules and Regulations" and "Park Hours" will be furnished by the Agency. The posts for park signs must be furnished by the Contractor and must be 2-3/8 inches outside diameter galvanized steel pipe, 14 feet in length, with a minimum wall thickness of 0.116 inches. Posts for park signs must be placed in a 3-foot 6-inch deep by 10 inch diameter portland cement concrete footing, leaving 10-foot 6-inch height of post from top of grade. Footing concrete must be Class "C" in accordance with Section 50-5, "Portland Cement Concrete", of these Specifications.

#### **34-3.04 Construction**

Construction must conform to the State Specifications, and these Specifications. After the post holes are backfilled, wood posts installed in traffic islands must be wedged in place at the surface with redwood wedges. For posts installed in sidewalk areas, the space around the wood posts must be capped with concrete and finished to be level with the surrounding surface after the posts holes are backfilled.

#### **34-3.05 Sign Panel Installation**

Sign panel installation must conform to the State Specifications, and these Specifications. Sign panels, blind rivets, and closure inserts must be furnished by the Contractor and must be fabricated of materials as specified in this Section.

The exposed portion of fastening hardware on the face of signs must be painted using touch-up enamel that matches the background color exactly.

Park rules sign panels must be mounted flush with top of the post, with park hours sign panels mounted directly under. The bottom of the lowest sign panel must be at least 7 feet above the ground.

#### **34-4 MEASUREMENT AND PAYMENT**

Measurement and payment for overhead sign structures will conform to the State Specifications, and these Specifications. No deduction will be made for fabrication outside of Sacramento County.

Signs will be measured by the unit from actual count, complete in place, of the type or types of signs designated in the Contract.

The unit price paid for each sign of the type or types designated in the Contract includes full compensation for furnishing all labor, materials (except Agency-furnished materials), tools, equipment, and incidentals, and for doing all the work involved in furnishing and installing roadside signs, complete in place, including the installation of sign panels, shown or specified in the Contract, specified in these Specifications, and directed by the Agency.