

SECTION 13 BARRICADES, GUARDRAILS AND HEADERBOARDS

13-01 GENERAL

This work shall consist of furnishing and installing barricades, guardrails and headerboards and all other materials and appurtenances in accordance with the Plans and these Standard Specifications.

13-02 MATERIALS

13-02.01 Barricades

Barricade posts shall be construction grade heart redwood, S4S. Barricade rails shall be construction grade Douglas fir, S4S. Both posts and rails shall be graded in accordance with Section 57-2.02, "Grading Rules and Requirements," of the Caltrans Specifications.

13-02.02 Guardrails

Metal beam guardrails shall conform to the requirements of Section 83, "Railings and Barriers," of the Caltrans Specifications.

13-02.03 Headerboards

Headerboards and stakes shall be construction grade heart redwood, S4S, graded in accordance with Section 57-2.02, "Grading Rules and Requirements," of the Caltrans Specifications. Nails shall be hot-dipped galvanized.

13-03 CONSTRUCTION

13-03.01 Barricades

Barricades shall be installed at locations shown on the Plans and in conformance with the Standard Plans.

13-03.02 Guardrails

Metal beam guardrails shall be installed at locations shown on the Plans and in conformance with the requirements of Section 83, "Railings and Barriers," of the Caltrans Specifications.

13-03.03 Headerboards

Headerboards shall be installed at locations shown on the plans.

When headerboards are installed along unprotected edges of pavement, the top edges of the headerboard shall conform to the line and grade of pavement.

Headerboards shall be 2" x 6", unless otherwise noted, and shall be held in place with 2" x 3" stakes of lengths necessary to extend twelve inches (12") into solid ground.

Stakes shall be of sound material, neatly pointed, driven vertically, located at butt joints and elsewhere, spaced not over four feet (4') on centers, and securely nailed to the headerboards. Headerboards shall have a continuous bearing on undisturbed earth or compacted earth or base rock.