

SECTION 26 MAZE

26-01 GENERAL

The work shall consist of, but not necessarily be limited to, the construction of wood or chain link gate mazes at locations specified, in the position, to the elevations, and conforming to the design shown on the plans and in accordance with the requirements specified in these specifications.

Wood mazes and gate mazes shall conform to the requirements of Section 57, "Timber Structures," and Section 80, "Fences," of the Caltrans Specifications, except as modified herein.

26-02 MATERIALS

26-02.01 Wood Maze

Wood Posts and Rails shall be redwood as shown on the plans or as specified in the specifications. All wood shall be treated with preservative.

The structural metal for the wood maze shall consist of metal shoes and plates and shall conform to Section 57-103, "Miscellaneous Bridge Metal," of the Caltrans Specifications.

Hardware shall consist of bolts with necessary nuts and washers. Bolts and nuts shall conform to the specifications of ASTM Designation: A307. Machine bolt heads and nuts shall be Regular Square Series, and threads shall be Coarse Three Series, Class 2 tolerance all conforming to ANSI Standard.

Structural metal and hardware, unless otherwise specified or shown on the plans, and all hardware shall be hot-dip galvanized, in accordance with Section 75-105, "Galvanizing," of the Caltrans Specifications.

26-02.02 Gate Maze

Gatepost shall be as specified in Section 80-4.01, "Chain Link Fence Materials," of the Caltrans Specifications.

Gates, including all fittings, latches, rods and other gate hardware shall conform to Section 80-4.01D, "Gates," of the Caltrans Specifications. All metal shall be galvanized in accordance with Section 75-1.05, "Galvanizing," of the Caltrans Specifications.

26-03 CONSTRUCTION

Posts and stringers shall be spaced as shown on the plans. Post shall be set in depth as shown on the plans.

All chain link gates shall be hung by a least 2 steel or malleable iron hinges not less than 3 inches in width, so designed as to securely clamp to the gate post and permit the gate to be swung back at least 90 degrees. Gates shall be provided with combination steel or malleable iron catch and locking attachment of approved design, which will not rotate around. A center rest with catch shall be provided.