



**NOTES:**

1. WELDED WIRE FENCE FABRIC TO BE #6 GAUGE HARDENED STEEL WIRE WELDED INTO A 2" X 6" RECTANGULAR PATTERN PER ASTM A123, CLASS C1, 1.2 OZ. PER SQUARE FOOT. HOT DIP GALVANIZED AFTER WELDING.
2. TRIANGULAR SHAPED STIFFENING BEAM TO BE PLACED HORIZONTALLY APPROXIMATELY 12" DOWN FROM TOP OF WELDED WIRE MESH PANEL.
3. POSTS, BRACE RAILS AND GATE FRAMES SHALL BE STANDARD WEIGHT SCHEDULE 40 GALVANIZED PIPE PER ASTM A53 WITH A MINIMUM YIELD STRENGTH OF 35,000 PSI.
4. DIAGONAL BRACING AT 500 FT. MAXIMUM SPACING AND AT ALL TERMINAL, GATE AND CORNER POSTS.
5. TIE WIRE SHALL BE #9 GAUGE STEEL AND HOT-DIP GALVANIZED 1.2 OZ. PER SQUARE FOOT. TIES TO BE PLACED AT 16" O.C. AT ALL LINE POSTS AND DIAGONAL BRACING.
6. CONCRETE FOOTINGS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.
7. LINE POST FOOTINGS SHOWN ON THIS DRAWING, FOOTINGS AT GATE AND END POSTS TO BE 12" DIA. X 3'-0" DEEP. ALL FOOTINGS TO BE CROWNED AT TOP FOR DRAINAGE.
8. GATE FRAME, POSTS AND BRACE SHALL BE AS PER CHAIN LINK FENCE STANDARD.

**FENCE SELECTION CRITERIA**

1. CHAIN LINK FENCING SHALL BE USED ONLY FOR MAINTENANCE OF EXISTING CHAIN LINK FENCES.
2. WELDED WIRE MESH FENCING SHALL BE USED FOR ALL RIGHT-OF-WAY FENCES.
3. TUBULAR STEEL FENCING WILL BE USED FOR PROPERTY LEASES AND STORAGE FACILITIES WHERE AESTHETICS ARE A MAJOR CONCERN AND AS DIRECTED BY SCRR.
4. INTER-TRACK FENCING SHALL BE USED BETWEEN THE TRACKS AT ALL STATIONS.
5. CONCRETE BLOCK WALLS SHALL BE USED FOR COMMERCIAL, AND RESIDENTIAL DEVELOPMENTS. REMOVAL OF GRAFFITI ON BOTH SIDES OF THE WALL SHALL BE THE OWNER/ DEVELOPER'S RESPONSIBILITY.
6. TEMPORARY RAILING (TYPE K) WITH WELDED WIRE MESH FENCING SHALL BE USED FOR ALL PARKING LEASES. K-RAIL AND FENCE ANCHORS SHALL BE AS PER CALTRANS STANDARD PLANS T3 AND T4).
7. LANDSCAPE VINES SHALL NOT BE ALLOWED TO GROW ON THE FENCE UNLESS WRITTEN APPROVAL IS GRANTED BY SCRR. IF LANDSCAPE VINES ARE ALLOWED TO GROW, THEY WILL BE TRIMMED REGULARLY SO THAT THEY WILL NOT EXTEND OVER THE WALL. SAFETY MEASURES REQUIRED BY SCRR SHALL BE FOLLOWED IN THE TRIMMING OF THE VINES.
8. SIX-INCH OPENINGS AT REGULAR INTERVALS IN FENCES AND WALLS SHALL BE PROVIDED TO DRAIN WATER AWAY FROM TRACKS AND RAILROAD RIGHT-OF-WAY.

PRE-FINAL SUBMITTAL

REVISIONS		REV.	DATE	DESCRIPTION	DES.	ENG.
2	05/22/08			ADDED FENCE SELECTION CRITERIA	AC	NDP
1	10/31/05			REVISED TITLE BLOCK	JMS	MEM

DRAWN BY: A. CARLOS DATE: 11/20/02  
 APPROVED BY: *Nancy D. Poff*  
 MANAGER: CIVIL ENGINEERING  
 APPROVED BY: *Danell V. Maxey*  
 DIRECTOR OF ENGINEERING AND CONSTRUCTION

THE SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN SHEET



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**ENGINEERING STANDARDS**  
 RIGHT OF WAY FENCING  
 WELDED WIRE MESH FENCING

STANDARD	5105
SCALE:	AS NOTED
REVISION SHEET	2 1 OF 1
CADD FILE:	ES5105