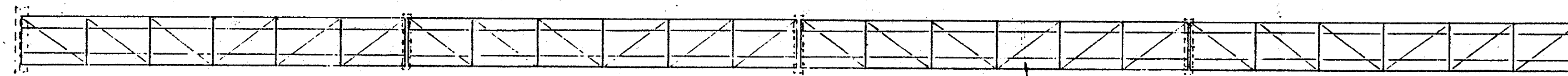
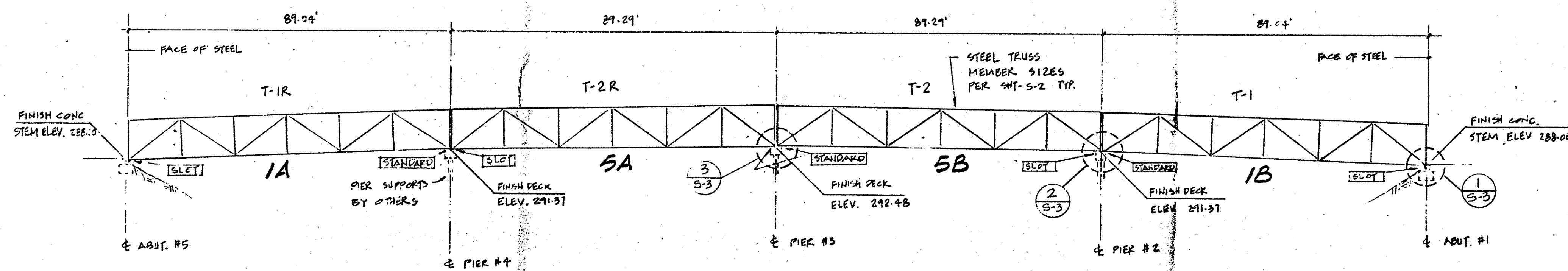


PLAN OF BRIDGE TOP



PLAN OF BRIDGE DECK

4x DECKING



T-1R IS MIRROR IMAGE OF T-1
T-2R IS MIRROR IMAGE OF T-2

[SLOT] — PROVIDE SLOT HOLE & BEARING PLATE PER 1/53
[STANDARD] — STANDARD HOLE ONLY

ELEVATION

GENERAL NOTES:

- THE BRIDGE TRUSS IS DESIGNED IN ACCORDANCE TO AASHTO (1983) AS MODIFIED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) FOR SERVICE LOADING AS FOLLOWS:
 - A LIVE LOAD OF 85 POUND PER SQUARE FOOT. (A CHECK OF H-10 LOAD IS REQUIRED)
 - A WIND LOAD IN ACCORDANCE WITH AASHTO SPEC. 3.15.1
- TOTAL DEAD LOAD OF THE BRIDGE SUPERSTRUCTURE WILL NOT EXCEED 45,000 POUNDS PER SPAN.
- THE BRIDGE TRUSS WILL BE CONSTRUCTED FROM ASTM A588 OR A 292 GRADE 50 HIGH STRENGTH STRUCTURAL T-BIRM ($F_y = 50$ KSI).
- ALL BOLTS AND NUTS WILL BE IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM-A325 BOLTS. ALL BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED.
- WORKMANSHIP, FABRICATION AND SHOP CONNECTIONS WILL BE IN ACCORDANCE WITH AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS SPECIFICATION (AASHTO), THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), AND AMERICAN WELDING SOCIETY (AWS).
- WELDING: ELECTRODES FOR CORROSION-RESISTANT STEEL WILL HAVE THE SAME WEATHERING CHARACTERISTICS AS THE STEEL.
- ALL MEMBER SPLICES WILL BE FULL PENETRATION WELDS, PER AMERICAN WELDING SOCIETY.
- ALL FIELD WELDINGS WILL BE INSPECTED BY DEPUTY INSPECTOR APPROVED BY GOVERNING AGENCY.

PLAS-TAL MFG. CO., INC. 8815 SO. SORENSON AVE. SANTA FE SPRINGS, CALIF. 213 • 685-6874 213 • 691-0517		
WORK ORDER NO. J-4602	DWG. NO. E2	REV.

IMPERIAL HIGHWAY BIKE BRIDGE ACROSS SANTA ANA RIVER	
SIDNEY YUEN CONSULTING ENGINEER 1907 LERONA AVENUE ROWLAND HEIGHTS, CA 91748 (818) 912-0568	SHEET 5-1

SAR BIKE TRAIL BR. 428' N. OF IMPERIAL HWY 5/92