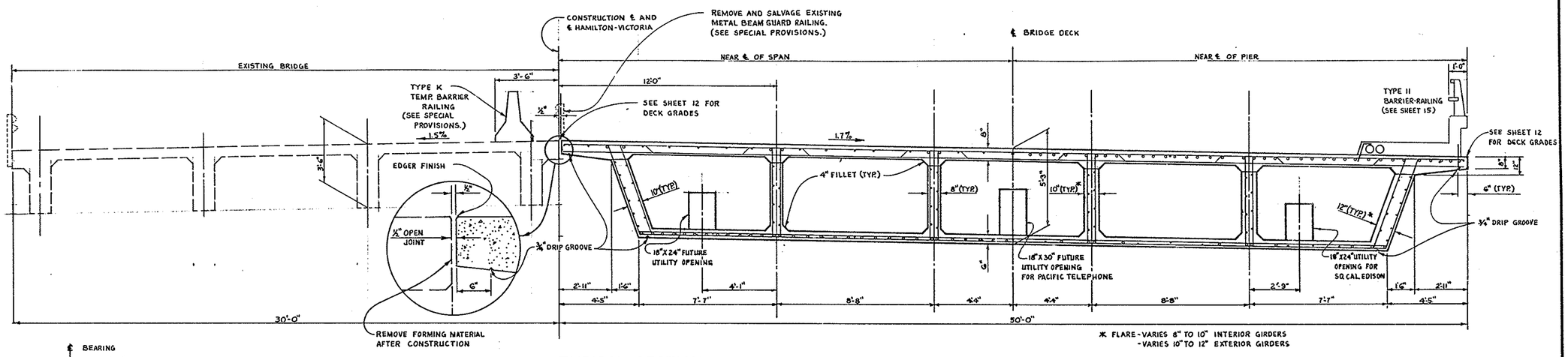
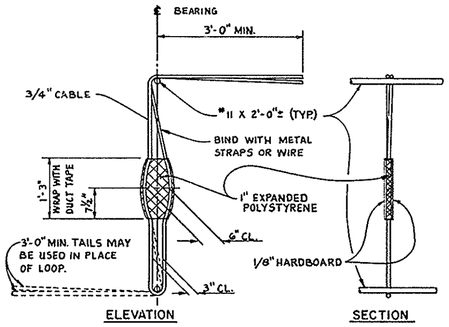
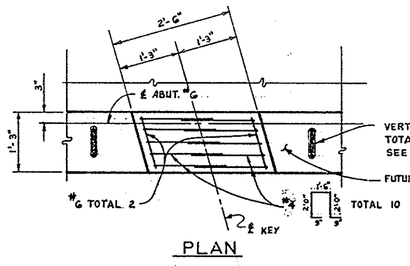
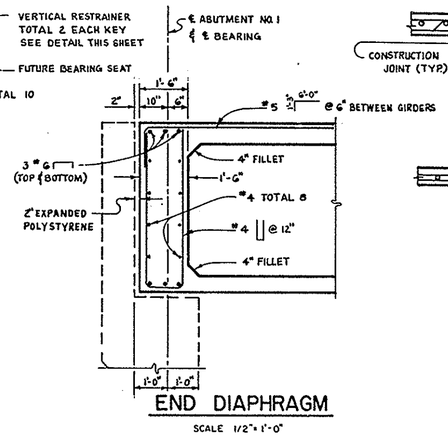


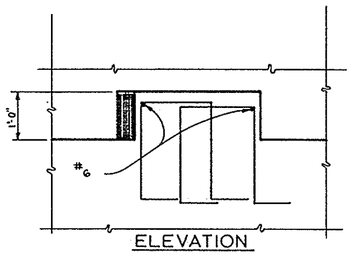
TYPICAL SECTION
SCALE 3/8" = 1'-0"



VERTICAL RESTRAINER
SCALE 3/4" = 1'-0"







TRANSVERSE KEY
ABUTMENT NO. 6

GENERAL NOTES

DESIGN: AASHO DATED 1973 WITH SUBSEQUENT REVISIONS AND STATE OF CALIFORNIA BRIDGE PLANNING AND DESIGN MANUAL.

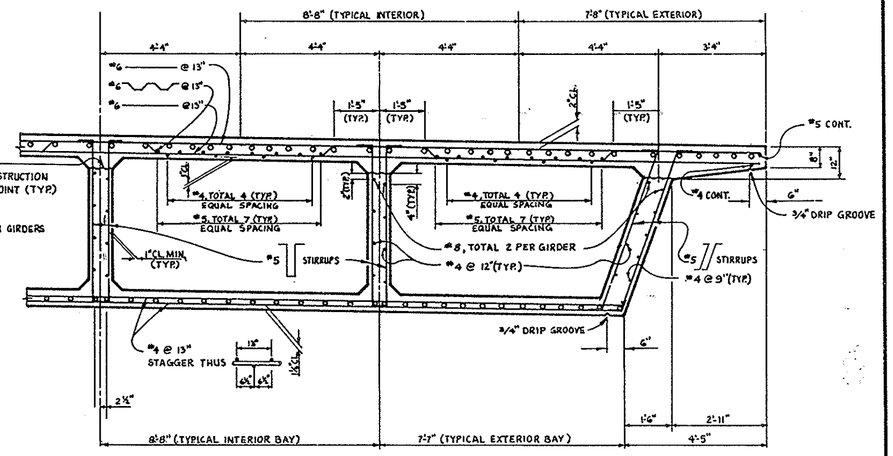
LIVE LOADING: HS 20-44 ℄ ALTERNATIVE

REINFORCED CONCRETE : f_s = 24,000 psi EXCEPT
= 20,000 psi IN TRANSVERSE DECK SLABS AND STIRRIPS.
f_c = 1300 psi
f'_c = 3250 psi @ 28 DAYS
n = 10

PILE LOADING: 70 TONS ; TYPE: CLASS 70.

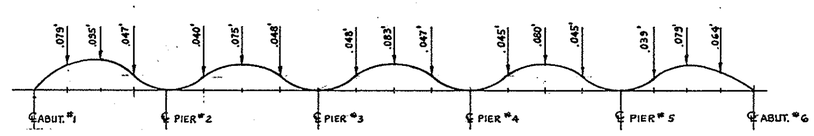
CONCRETE: CLASS "A" USING TYPE II PORTLAND CEMENT.

REINFORCEMENT SPLICING:
BARS #8 ℄ SMALLER - LAP 45 DIAMETERS OF SMALLER BAR JOINED.
BARS #9, #10 ℄ #11 - LAP 60 DIAMETERS OF SMALLER BAR JOINED.



PARTIAL TYPICAL SECTION
SCALE 1/2" = 1'-0"

O = MAIN REINFORCING BARS



CAMBER DIAGRAM
NO SCALE

#12504
Hamilton-Victoria Bridge (SA38)
Sheet 11 of 22
Bed. 24x1
Cross section

ORANGE COUNTY ROAD DEPARTMENT

HAMILTON-VICTORIA BRIDGE
SA-38
ACROSS SANTA ANA RIVER
TYPICAL SECTION AND GENERAL NOTES

SCALE AS SHOWN — SHEET 11 OF 22

DR 8 (12504)