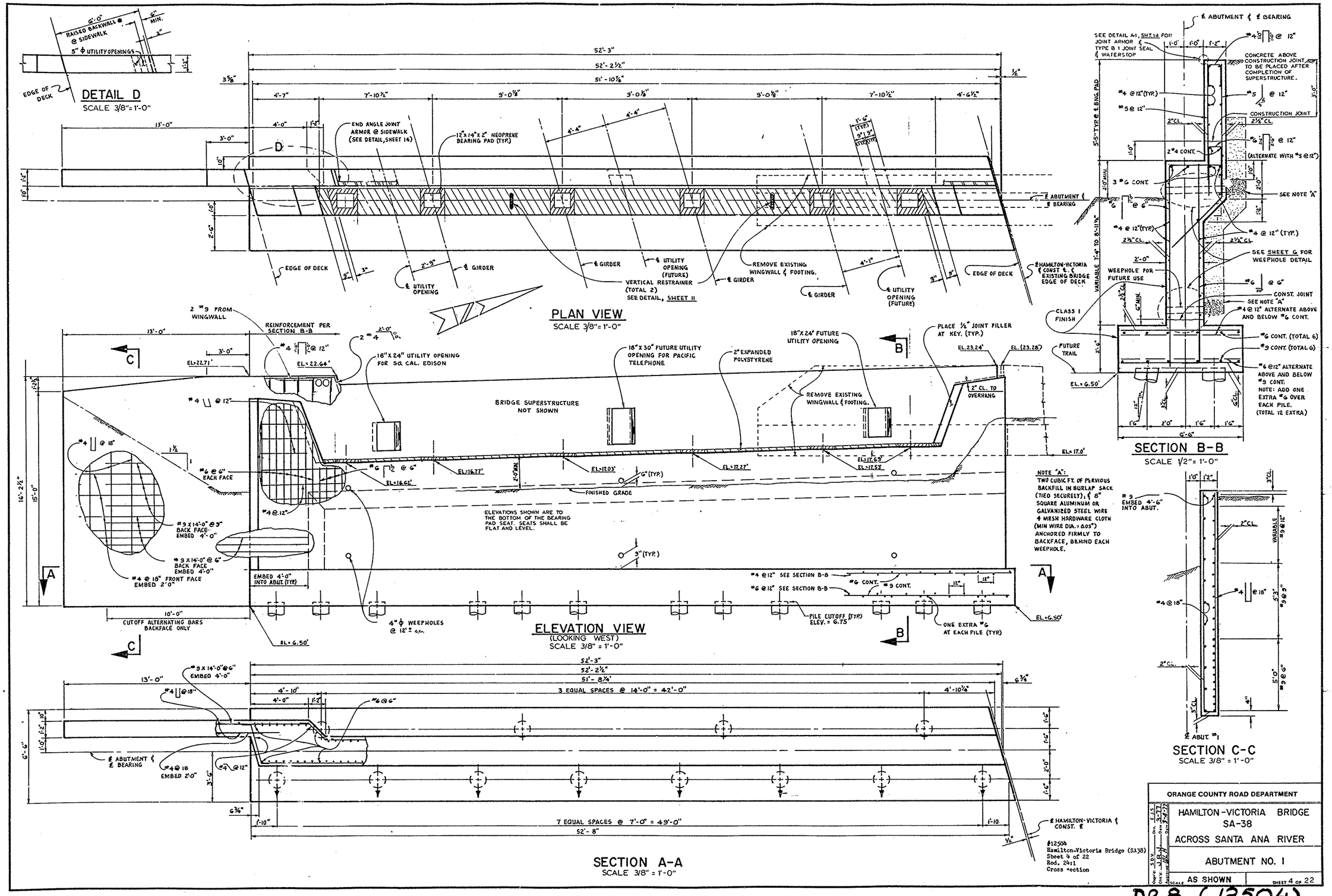
DETAIL D
SCALE 3/8" = 1'-0"
RAISED BACKWALL @ SIDEWALK
5" ϕ UTILITY OPENINGS
EDGE OF DECK
PLAN VIEW
SCALE 3/8" = 1'-0"
END ANGLE JOINT ARMOR @ SIDEWALK (SEE DETAIL, SHEET 14)
12" x 14" x 2" NEOPRENE BEARING PAD (TYP.)
℄ GIRDER
℄ UTILITY OPENING (FUTURE)
VERTICAL RESTRAINER (TOTAL 2) SEE DETAIL, SHEET 11
REMOVE EXISTING WINGWALL & FOOTING.
℄ HAMILTON-VICTORIA CONST ℄ & EXISTING BRIDGE EDGE OF DECK
℄ ABUTMENT & ℄ BEARING
ELEVATION VIEW
(LOOKING WEST)
SCALE 3/8" = 1'-0"
2 #9 FROM WINGWALL
REINFORCEMENT PER SECTION B-B
18" x 24" UTILITY OPENING FOR SO. CAL. EDISON
18" x 30" FUTURE UTILITY OPENING FOR PACIFIC TELEPHONE
2" EXPANDED POLYSTYRENE
18" x 24" FUTURE UTILITY OPENING
PLACE ½" JOINT FILLER AT KEY. (TYP.)
BRIDGE SUPERSTRUCTURE NOT SHOWN
FINISHED GRADE
ELEVATIONS SHOWN ARE TO THE BOTTOM OF THE BEARING PAD SEAT. SEATS SHALL BE FLAT AND LEVEL.
#9 x 14'-0" @ 3" BACK FACE EMBED 4'-0"
#9 x 14'-0" @ 6" BACK FACE EMBED 4'-0"
#4 @ 18" FRONT FACE EMBED 2'-0"
CUTOFF ALTERNATING BARS BACKFACE ONLY
4" ϕ WEEPHOLES @ 12" ± o.c.
PILE CUTOFF (TYP) ELEV. = 6.75
ONE EXTRA #6 AT EACH PILE (TYP)
SECTION A-A
SCALE 3/8" = 1'-0"
7 EQUAL SPACES @ 7'-0" = 49'-0"
3 EQUAL SPACES @ 14'-0" = 42'-0"
℄ HAMILTON-VICTORIA ℄ CONST. ℄
#12504
Hamilton-Victoria Bridge (SA38)
Sheet 4 of 22
Red. 2411
Cross section
SECTION B-B
SCALE 1/2" = 1'-0"
SEE DETAIL A-1, SHT. 14 FOR JOINT ARMOR & TYPE B 1 JOINT SEAL & WATERSTOP
CONCRETE ABOVE CONSTRUCTION JOINT TO BE PLACED AFTER COMPLETION OF SUPERSTRUCTURE.
CONSTRUCTION JOINT
(ALTERNATE WITH #5 @ 12")
SEE NOTE "A"
SEE SHEET 6 FOR WEEPHOLE DETAIL
WEEPHOLE FOR FUTURE USE
CONST. JOINT
SEE NOTE "A"
#4 @ 12" ALTERNATE ABOVE AND BELOW #6 CONT.
#6 CONT. (TOTAL 6)
#9 CONT. (TOTAL 6)
#6 @ 12" ALTERNATE ABOVE AND BELOW #9 CONT.
NOTE: ADD ONE EXTRA #6 OVER EACH PILE. (TOTAL 12 EXTRA)
CLASS 1 FINISH
FUTURE TRAIL
NOTE "A":
TWO CUBIC FT. OF PERVIOUS BACKFILL IN BURLAP SACK (TIED SECURELY), & 6" SQUARE ALUMINUM OR GALVANIZED STEEL WIRE 4 MESH HARDWARE CLOTH (MIN WIRE DIA. > 0.03") ANCHORED FIRMLY TO BACKFACE, BEHIND EACH WEEPHOLE.
SECTION C-C
SCALE 3/8" = 1'-0"
℄ ABUT #1
ORANGE COUNTY ROAD DEPARTMENT
HAMILTON-VICTORIA BRIDGE
SA-38
ACROSS SANTA ANA RIVER
ABUTMENT NO. 1
AS SHOWN
SHEET 4 OF 22

DR 8 (12504)