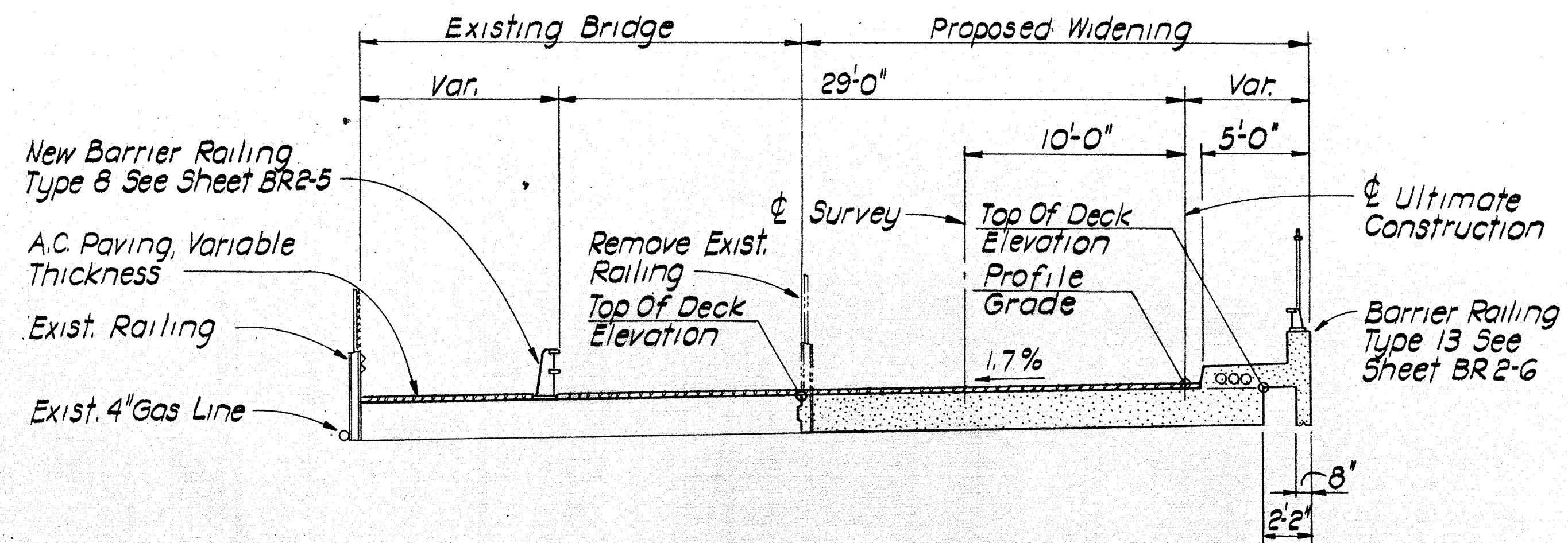
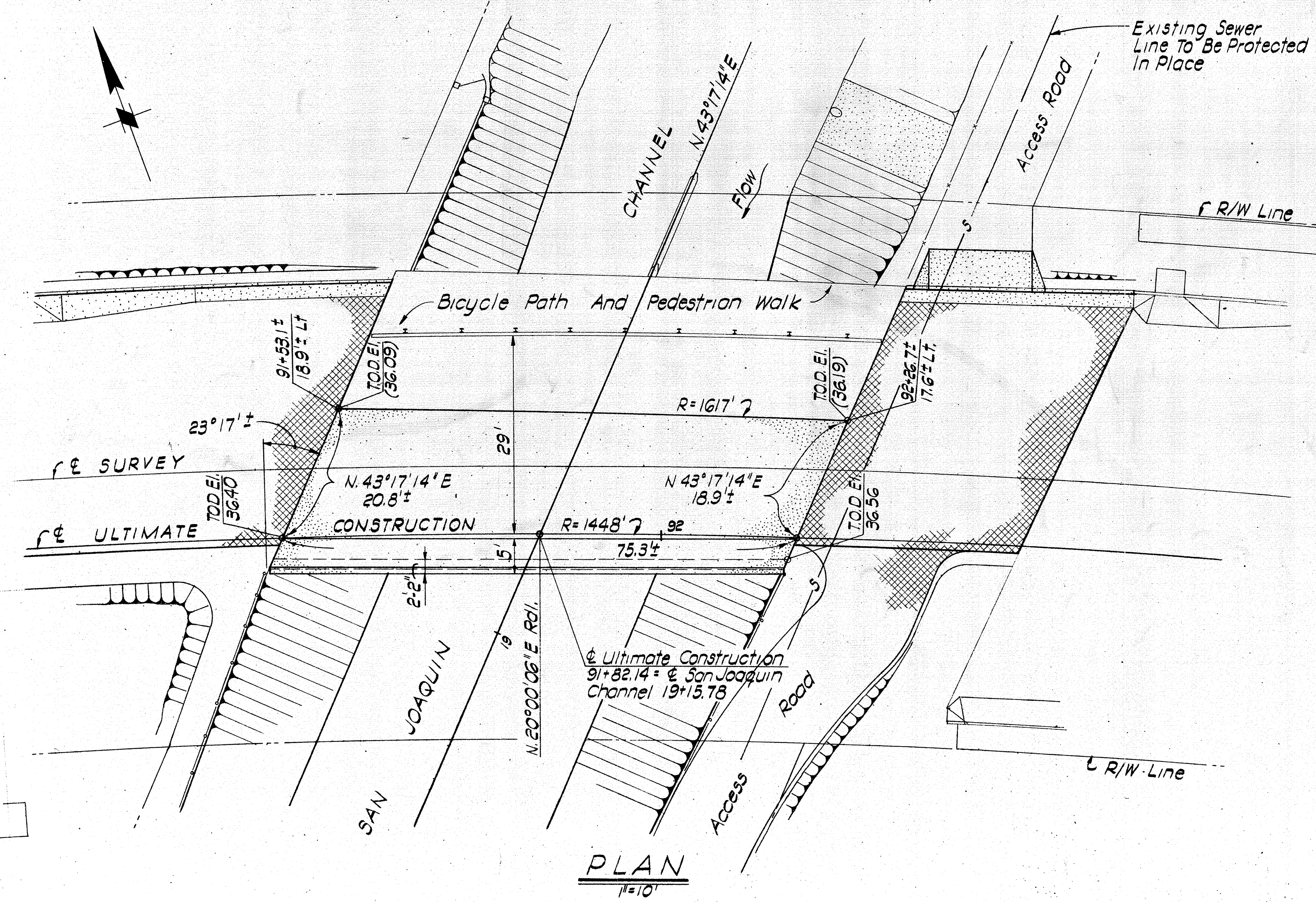
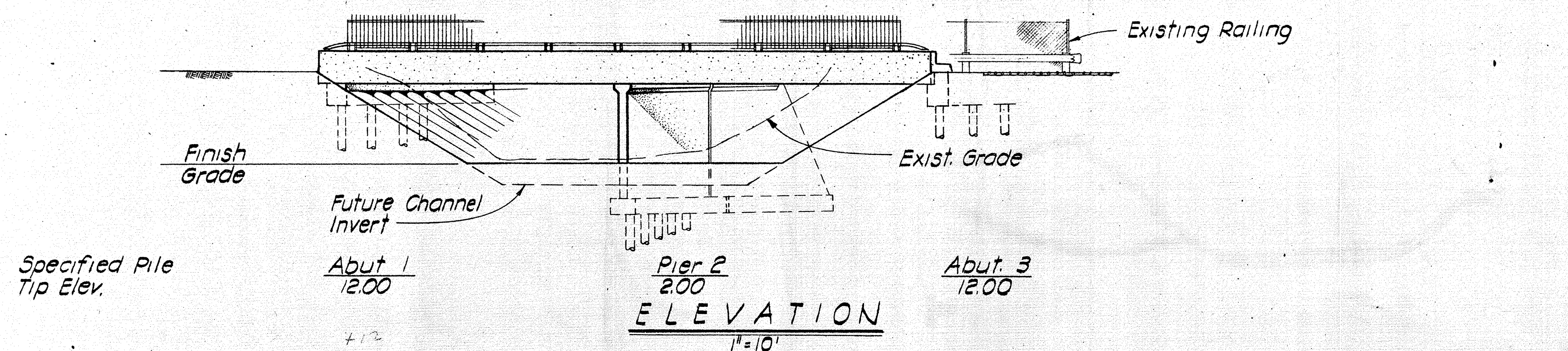


PROFILE



TYPICAL SECTION

GENERAL NOTES

Specifications:
 Design: AASHO Dated 1973 As Supplemented By State Of California Bridge Planning & Design Manual.
 Construction: Standard Specification State Of California, Department Of Transportation Dated Jan., 1975 And The Special Provisions
 Live Loading: HS 20-44 And Alternative.
 Design Unit Stresses: Reinforced Concrete $f_c = 3250 \text{ psi}$, $n = 10$
 $f_s = 1300 \text{ psi}$
 Reinforcement: Embedment Is Clear To Outside Of Main Reinforcing And Is 2' Except As Otherwise Noted.
 Piling: Type - Class 45-1 Design Capacity 45 Tons See Sheet BR2-4
 Contractor Shall Verify Dependent Dimensions And Elevations Of Existing Structure Before Doing Any Work Or Ordering Any Material That May Be Affected.

APPROXIMATE BRIDGE QUANTITIES

Structure Excavation (Bridge)	50 CY.
Structure Backfill (Bridge)	30 CY.
Furnish Concrete Piling	230 L.F.
Drive Concrete Piling	12 Ea.
Bridge Railing (Type 8)	76 L.F.
Bridge Railing (Type 13)	76 L.F.

FINAL PAY QUANTITIES

(F) Structure Concrete (Bridge Substructure Type II)	30 CY.
(F) Structure Concrete (Bridge)	125 CY.
(F) Bar Reinforcing Steel (Bridge)	31000 Lb.

(F) Denotes Final Pay Quantity

ORANGE COUNTY ROAD DEPARTMENT

MICHELSON DRIVE BRIDGE
(SD-25)
ACROSS
SAN JOAQUIN CHANNEL

GENERAL PLAN AND ELEVATION

SCALE Noted

SHEET BR2-1 OF 7

