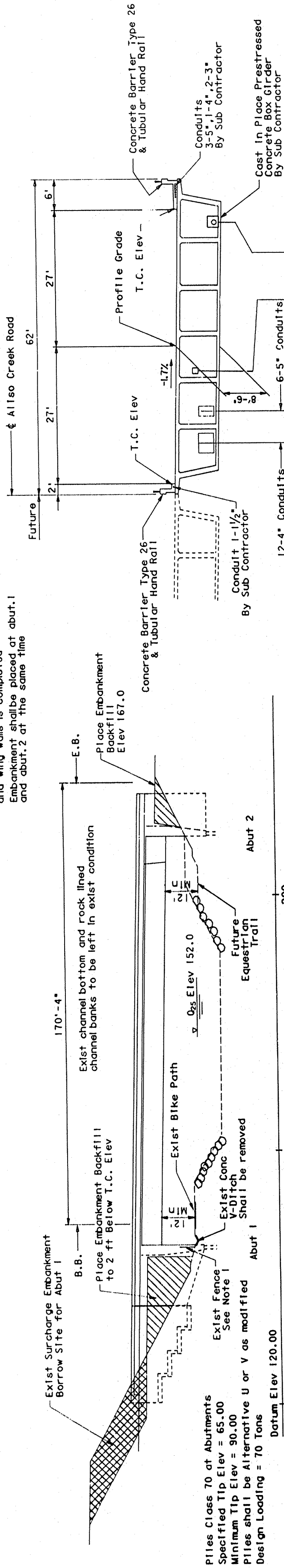


-2.34%

PROFILE GRADE

Embankment shall not be placed before construction of bridge and wing walls is completed. Embankment shall be placed at abut. 1 and abut. 2 at the same time.



Piles Class 70 at Abutments
Specified Tip Elev = 65.00
Minimum Tip Elev = 90.00
Piles shall be Alternative U or V as modified
Design Loading = 70 Tons

Remove exist conc. V-ditch from North Wingwall to exist inlet & replace with O.C.E.M.A. Std Plan No 1321 Terrace Drain with a minimum grade of 1% from Wingwall to inlet.

ELEVATION

1"=20'

Note 1:

Subcontractor shall remove existing fence during construction. After the fence is constructed, the fence shall be related to butt to ends of abutment per O.C.E.M.A. Std Plan 1412.

See Spec Section 8-21 for New Utility Details

1"=10'

TYPICAL SECTION

Utility Openings shall be Covered as Directed by the Engineer Prior to Backfilling.

SETTLEMENT PIN ELEVATIONS	LOCATION	LEFT SIDE RIGHT SIDE
Abut 1	1/4 Span	1/4 Span
1/2 Span	1/2 Span	1/2 Span
3/4 Span	3/4 Span	3/4 Span
Abut 2		

STANDARD PLANS DATED JULY 1984

- A62-C Excavation and Backfill Bridge-Limits of Payment
- 80-1 Bridge Details
- 80-3 Bridge Details
- 80-5 Bridge Details
- 82-5 Pile Details - Class 45 & Class 70 (Modified $\pm 1/2$ in)
- 83-1 Retaining Wall-Type 1 H-4'-30"
- 87-1 Box Girder Details
- 87-5 Deck Drains (Modified)
- 87-10 Utility Opening-Box Girder
- 88-5 Cast-In-Place Prestressed Girder Details
- 811-51 Tubular Hand Rail
- 811-54 Concrete Barrier Type 26

APPROXIMATE QUANTITIES

Furnish Piling (Class 45)	420 LF
Furnish Piling (Class 70)	4264 LF
Lump Sum	253 LF
Concrete Barrier (Type 26) 5' Sidewalk	274 LF
Pervious Backfill/Backdrain	Lump Sum
Drive Piling (Class 45)	10 EA
Drive Piling (Class 70)	51 EA

FINAL QUANTITIES

Structure Excavation (Bridge)	723 CY
Structure Backfill (Bridge)	307 CY
Embankment Backfill	1687 CY
Embankment Bond Breaker	6861 SF
Bar Reinforcing Steel (Bridge)	287,261 LB
Bar Reinforcing Steel (Ret Wall)	9623 LB
Structure Concrete (Ret Wall)	110 CY
Structure Concrete (Bridge)	1445 CY

Standard Plans Sheet No
Detail No

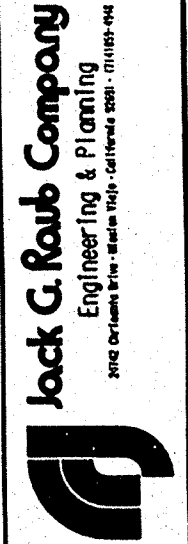
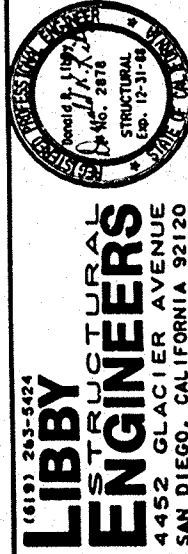
For General Notes See "ABUTMENT 2 DETAILS"

PLAN

1"=20'

Notes:

- Type B Deck Drain at low point shall be plumbed to deposit drainage at grade at the face of abutment.
- Other Type B Deck Drains shall be plumbed to drain thru bottom slab over channel invert.
- All plumbing shall be done using 6" galvanized pipe.



ALISO CREEK ROAD BRIDGE
SOUTH BRIDGE

GENERAL PLAN

DR 4 (15141)