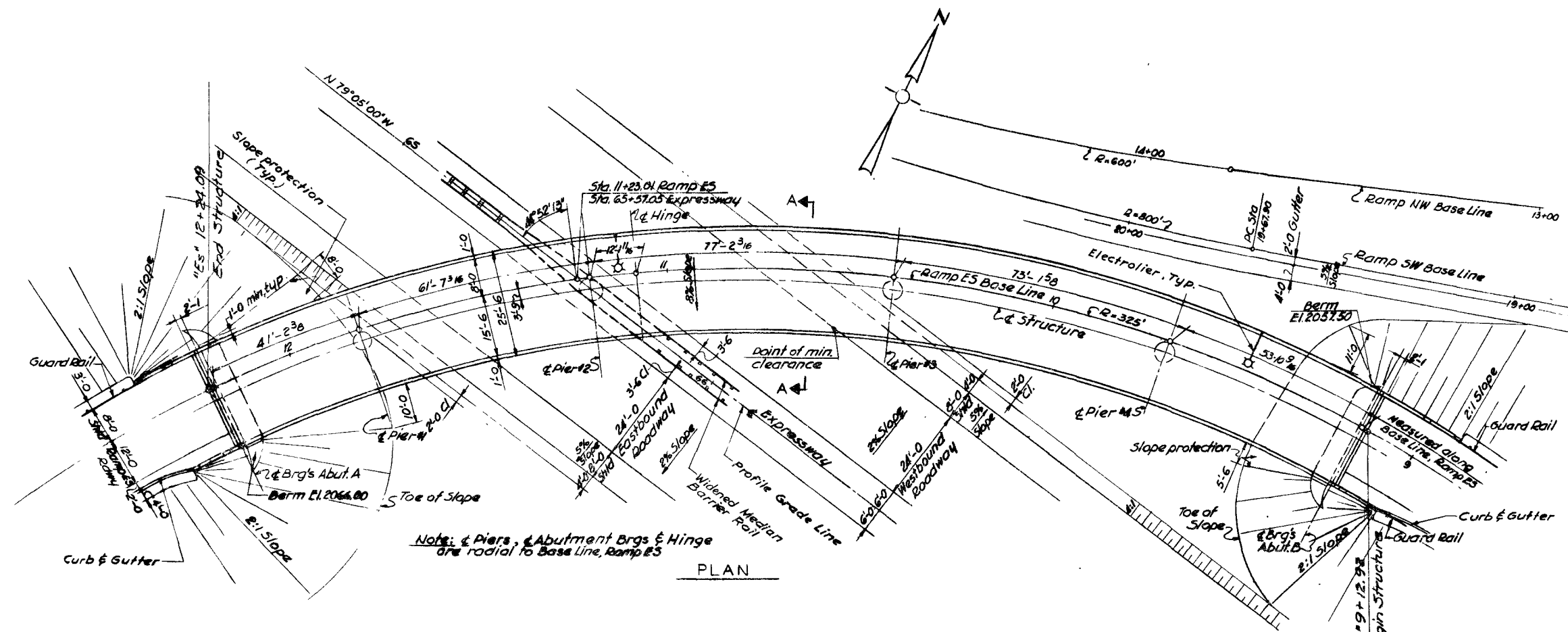
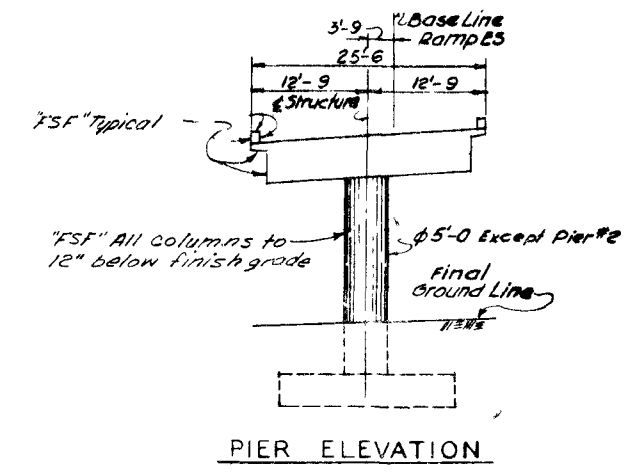


FED. ROAD DIV. NO.	STATE	PROJECT NO.	COUNTY	CONTROL SECTION	STATE ROUTE	SHEET NO.	TOTAL SHEETS
7	NEVADA	1014-1 (31) 41	CLARK	03-083		94	

Ref Sheet ES-1

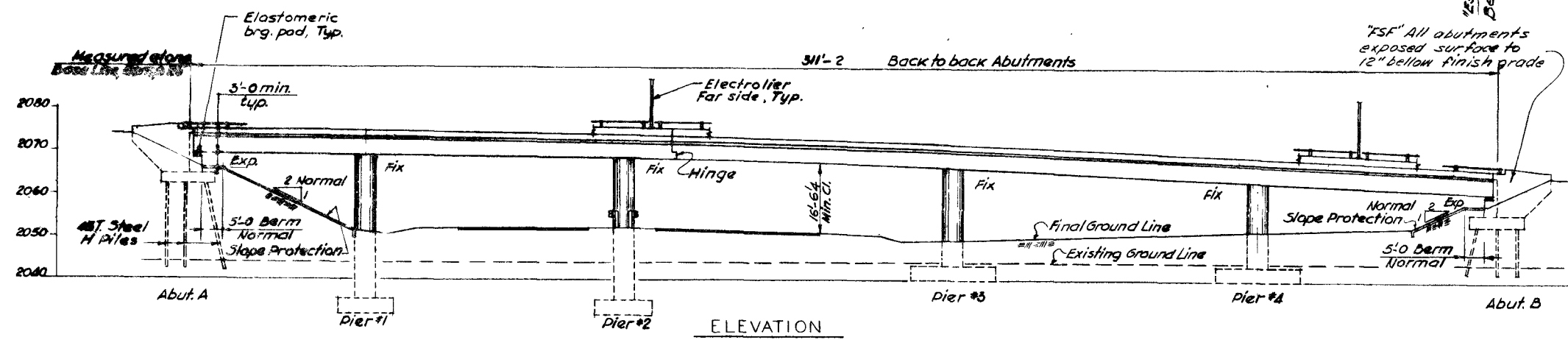


Note: Piers, Abutment Brgs & Hinge are radial to Base Line, Ramp ES



INDEX OF SHEETS

SHEET NO.	TITLE	REF. SHEET
ES - 1	GENERAL PLAN & ELEVATION	ES - 1
ES - 2	PIERS	ES - 3
ES - 3	DECK SLABS	ES - 4
ES - 4	DECK GIRDERS	ES - 5
ES - 5	PARAPETS	ES - 6
ES - 6	BILL OF MATERIAL	ES - 7
ES - 7	STANDARD D2 PARAPET END BLOCK DETAILS	ES - 8
ES - 8	STANDARD G - CONSTRUCTION DETAILS (Rev. Nov. 64)	
ES - 9	STANDARD H - DECK & MISCELLANEOUS DETAILS (Rev. Apr. 65)	
ES - 10	STANDARD I - HINGE DETAILS	
ES - 11	BRIDGE RAIL TYPE H-STEEL	
ELECTRICAL DRAWINGS		K-1, 2, 4
GENERAL NOTES		



DESIGN SPECIFICATIONS: A.A.S.H.O. Standard Specifications for Highway Bridges, 8th edition dated 1961.

CONSTRUCTION SPECIFICATIONS: State of Nevada Department of Highways "Standard Specifications for Road and Bridge Construction 1961", except as noted below, and in the special provisions for this contract.

LIVE LOAD: M20-S16-44 or Alternate Load.

CONCRETE: All concrete to be class A f'c = 3000 psi ultimate compressive strength in 28 days.

Design f'c = 1200 psi except as noted
Stresses f'c = 1000 psi substructures with earth pressure.

REINFORCEMENT: All reinforcing bars to be Intermediate grade deformed type. f'c = 20,000 psi. Dimensions to center of bars unless otherwise shown.

FORMS: Falsework shall not be removed from any span until the concrete in that span and in the contiguous (adjoining) spans has attained a compressive strength not less than twice the design unit stress.

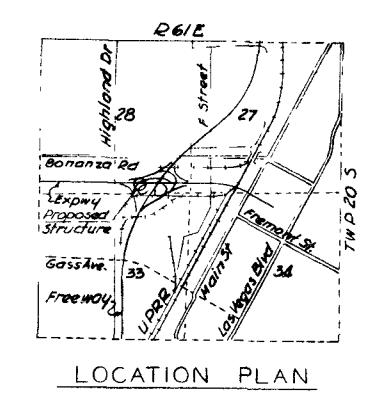
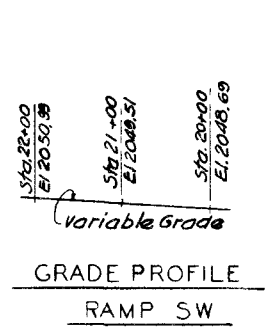
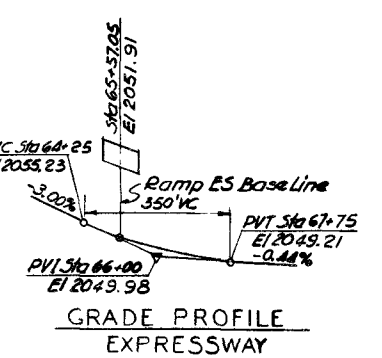
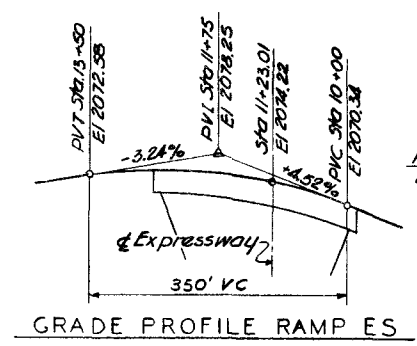
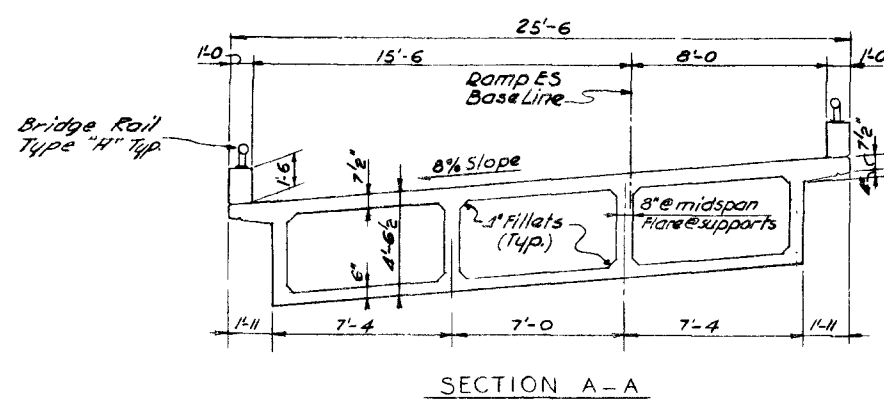
CONSTRUCTION JOINTS: No construction joints shall be used except by permission of the Engineer or as shown on the plans. Girders, pier caps, and slabs shall be poured in one continuous operation from end to end of individual units between construction joints and edges of slabs.

CAMBER: Falsework to be constructed to provide a camber for dead load deflection as shown in the plans in addition to allowance for shrinkage and settlement.

FOUNDATION: Allowable pier footing soil pressures:
Piers 1 & 2 - 3 tons/sq. ft.
Piers 3 & 4 - 2 1/2 tons/sq. ft.

CONSTRUCTION TYPE CODE: X221

FINISHING: Surfaces requiring a fine finish are designated on these plans by the abbreviation "FSF".



58994

107V 3833

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS 94

DOWNTOWN EXPRESSWAY INTERCHANGE
RAMP ES OVER EXPRESSWAY
I-939
GENERAL PLAN & ELEVATION

DE LEUW CATHER & COMPANY
ENGINEERS
SAN FRANCISCO, CALIFORNIA

SCALE: AS SHOWN
DESIGNED BY: PG B
DRAWN BY: A.L.
CHECKED BY: S.H.S.
APPROVED BY: G.A. Lewis