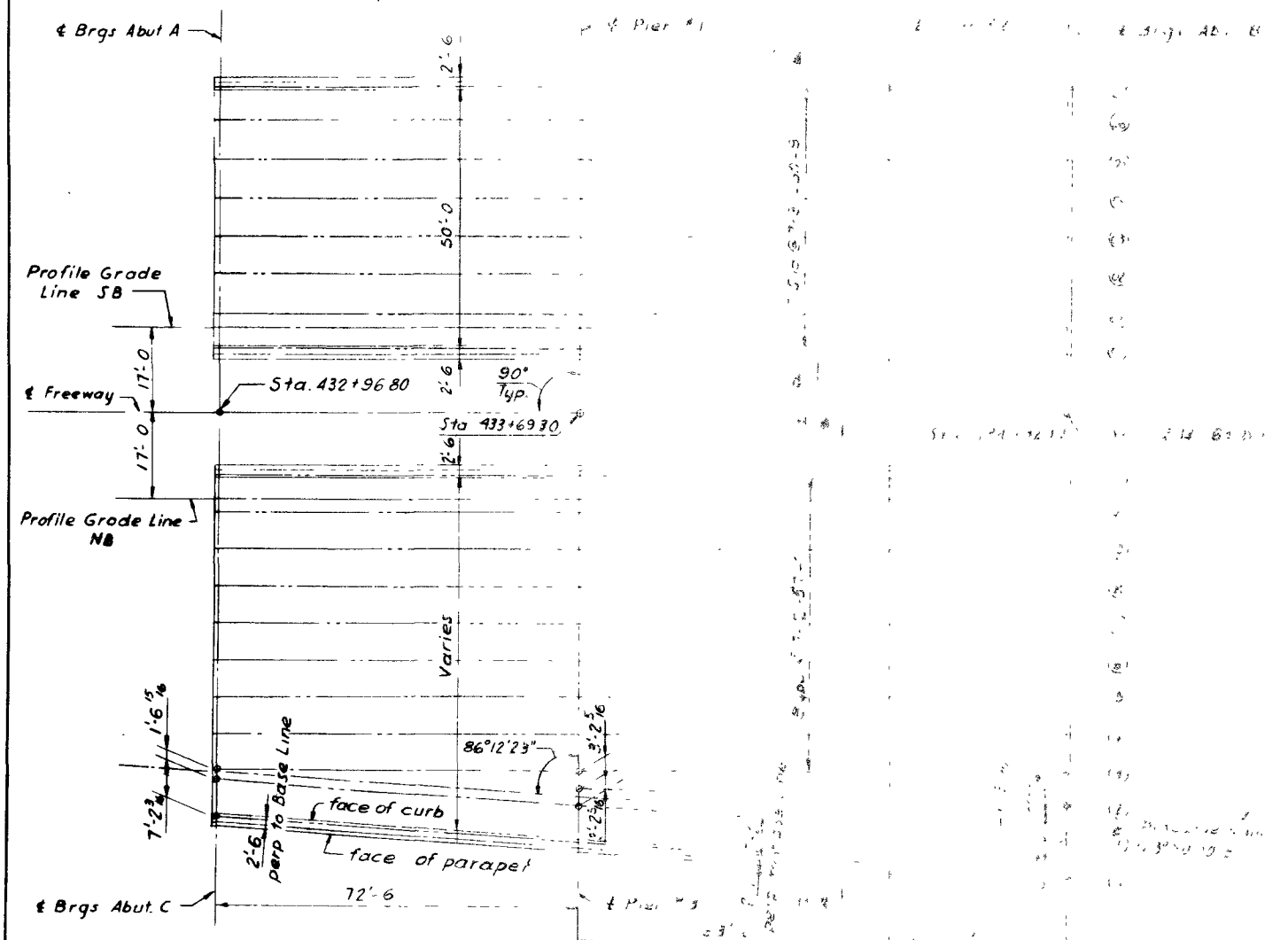
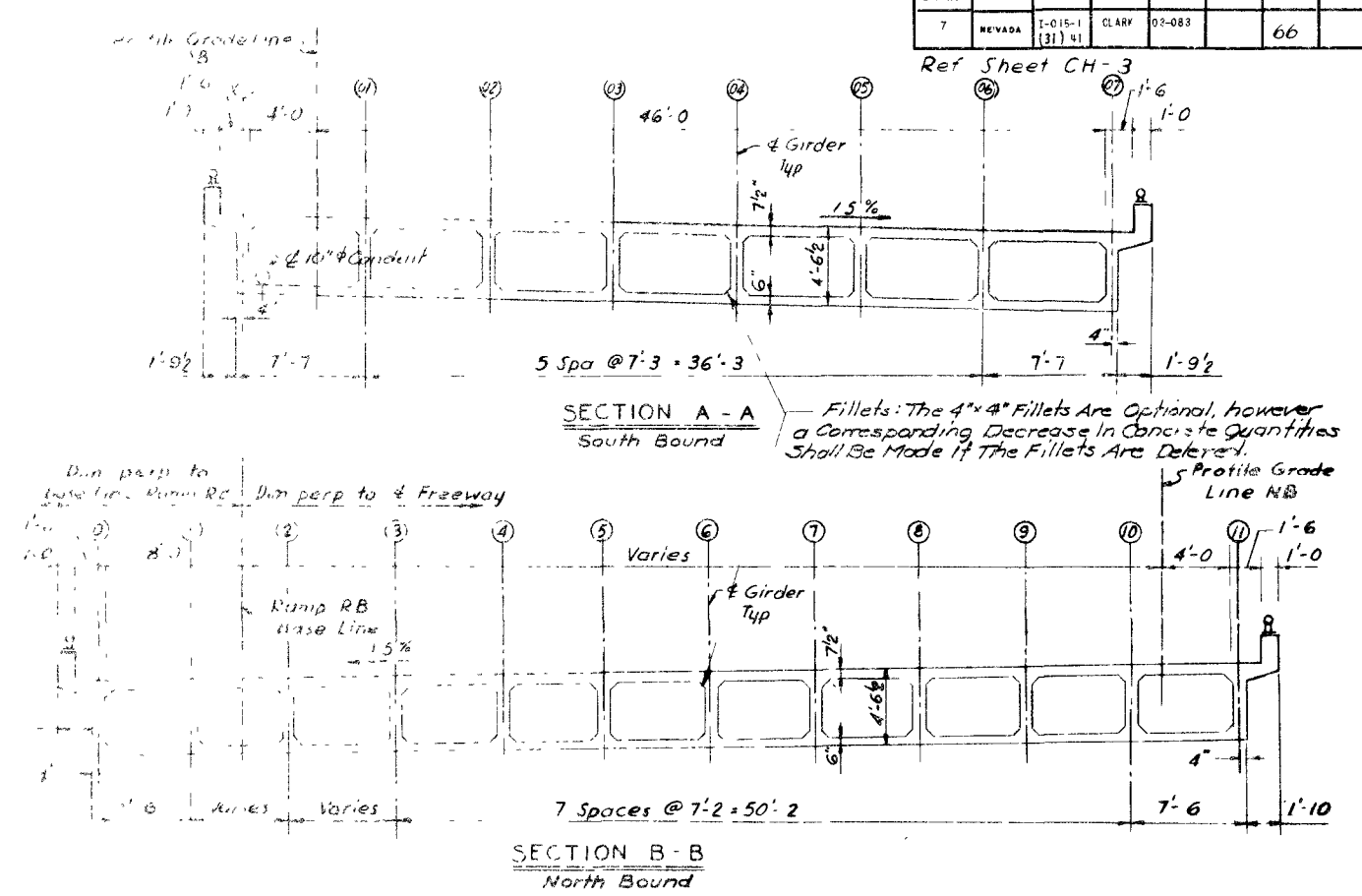


FED. ROAD DIV. NO.	STATE	PROJECT NO.	COUNTY	CONTROL SECTION	STATE ROUTE	SHEET NO.	TOTAL SHEETS
7	NEVADA	I-015-1 (31) 41	CLARK	02-083		66	

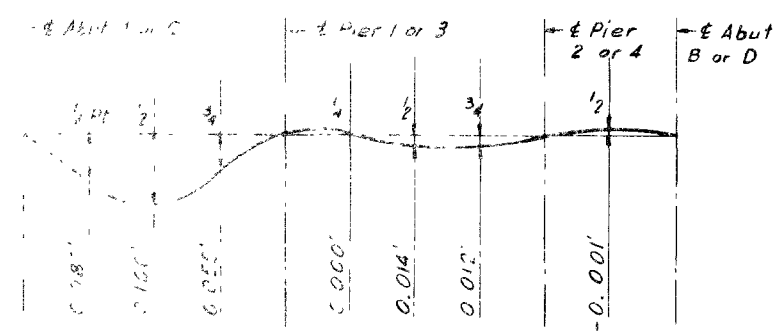


PLAN OF DECK GEOMETRY



SECTION A - A South Bound
 Fillets: The 4" x 4" Fillets Are Optional, however a Corresponding Decrease in Concrete Quantities Shall Be Made If The Fillets Are Deleted.

SECTION B - B North Bound



DEAD LOAD DEFLECTIONS

- GENERAL NOTES**
- DESIGN SPECIFICATIONS: AASHTO Standard Specifications for Highway Bridges, 1961.
 - CONSTRUCTION SPECIFICATIONS: State of Nevada Department of Highways Standard Specifications for Road and Bridge Construction, 1968, except as noted below, and in the special provisions for this contract.
 - LIVE LOAD: Standard HS 20-44, Standard HS 20-44 or Alternate Loading, 24K @ 4' @ 24K.
 - CONCRETE: All concrete shall be Class A, unless otherwise noted.
 - REINFORCING STEEL: All reinforcing steel to be either intermediate or hard grade. Dimensions are to center of bar unless otherwise noted.
 - CAMBER: The camber shall be shown on the plans.
 - FALSEWORK & FORMS: Falsework supporting the main carrying members of all continuous structures shall not be removed from any span until all spans between expansion joints are cured. Falsework and forms left in place in the cells of box girders shall not exceed 12 lbs. per sq. ft. of deck. All vertical supports between the top and bottom slabs in the cells of box girders shall be water soaked.
 - PILING: All piling to be 10BPA2. Order length of piles to be determined from the estimated pile tip elevations shown on the plans. Minimum bearing value 45 tons.
 - SPREAD FOOTINGS: All piers can be supported by means of footings having a maximum bearing value of 1 1/2 tons per square foot.
 - EMBANKMENT: Care should be taken to assure that cobbles and boulders are not incorporated in that portion of the approach fills through which drilled shafts are to be made or piles are to be driven.
 - BRIDGE RAILING: Bridge railing to be Bridge Rail Type, H.
 - FINE SURFACE FINISH: Surfaces requiring a fine finish are designated on the plans by the abbreviation "FSF."
 - CONSTRUCTION TYPE CODE: X221.

LINE	BRGS. ABUT. C	1	2	3	PIER # 3	4	2	3	4	BRGS. ABUT. B
0	3.25	3.14	3.02	2.90	2.77	2.66	2.55	2.44	2.31	2.21
1	3.36	3.24	3.13	3.01	2.88	2.77	2.65	2.53	2.42	2.32
2	-	-	-	-	2.93	2.82	2.72	2.61	2.50	2.40
3	3.38	3.29	3.19	3.08	2.98	2.88	2.78	2.68	2.58	2.48
4	3.40	3.39	3.29	3.19	3.08	2.99	2.86	2.73	2.61	2.51
5	3.60	3.50	3.40	3.30	3.19	3.09	2.99	2.89	2.79	2.69
6	3.70	3.61	3.51	3.41	3.30	3.20	3.10	3.00	2.90	2.80
7	3.81	3.72	3.62	3.51	3.41	3.31	3.21	3.11	3.01	2.91
8	3.92	3.82	3.72	3.62	3.51	3.42	3.32	3.21	3.11	3.01
9	4.03	3.93	3.83	3.73	3.62	3.52	3.42	3.32	3.22	3.12
10	4.13	4.04	3.94	3.84	3.73	3.63	3.53	3.43	3.33	3.23
11	4.24	4.15	4.05	3.94	3.84	3.74	3.64	3.54	3.44	3.34

NOTES: Add 2060.00 to all elevations.

107V3833

**STATE OF NEVADA
DEPARTMENT OF HIGHWAYS**

**CHARLESTON BLVD OVERPASS
I-934N & I-934S 66
DECK GEOMETRY & ELEVATIONS**

DE LEUW CATHER & COMPANY ENGINEERS SAN FRANCISCO, CALIFORNIA	DESIGNED BY DRAWN BY CHECKED BY APPROVED BY	TLV ADI PJW BA LEWIS
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