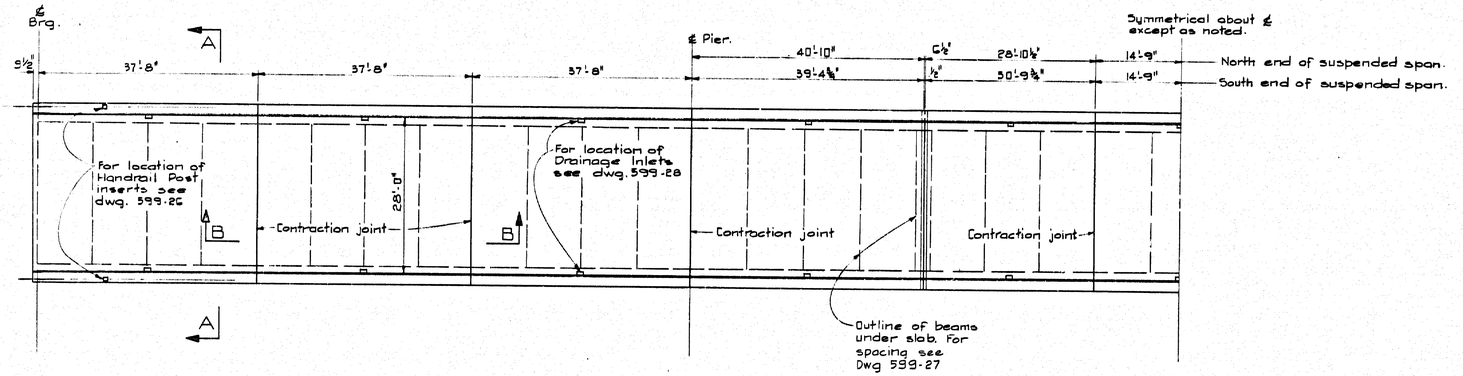
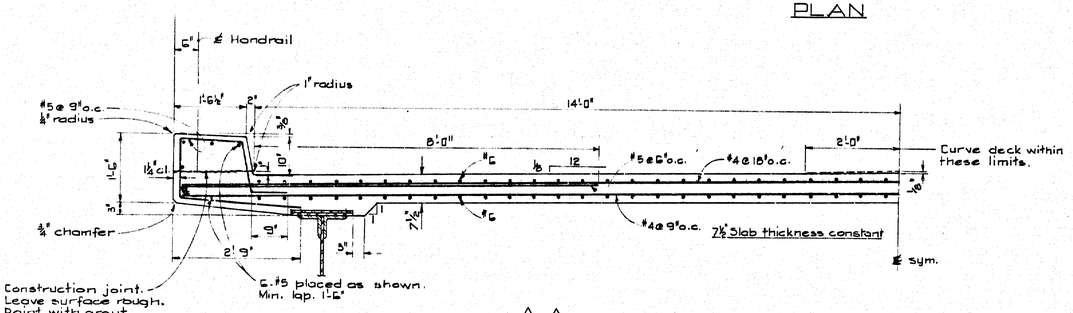
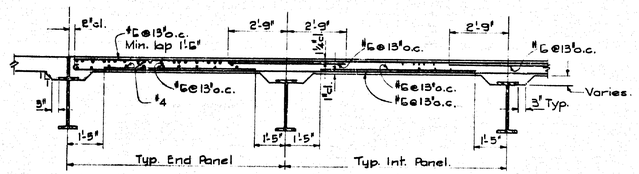


PLAN



A-A



B-B

NOTES

CONCRETE

All concrete shall conform to Section 811 of the General Specifications except where specifically modified by the Special Provisions and the drawings.

Concrete in the piers and abutments shall be Class A.

Concrete deposited under water in the seals shall be Class A with an additional 10% of cement.

Concrete for the bridge deck shall be Class D, semi-lightweight concrete, and shall conform to Clause 35 of the Special Provisions.

An air entraining agent supplied by the Department shall be added to all concrete.

REINFORCING STEEL

Reinforcing steel shall be intermediate grade deformed bars conforming to Section 302 of the General Specifications.

PILES

All piles shall be Class A, untreated, peeled Douglas Fir conforming to C.S.A. A56-1942.

PILE DRIVING

Piles shall be driven to a minimum penetration of 18 ft. below the bottom of the seal and to a safe load-bearing capacity of 50,000 lbs. as determined by the Engineering News Formula.

Piles shall be driven within a tolerance of 6" from their intended position and shall be plumb in both directions within a tolerance of ¼" per foot.

Preboring or jetting will be permitted except for the last 5' of driving to the req'd penetration.

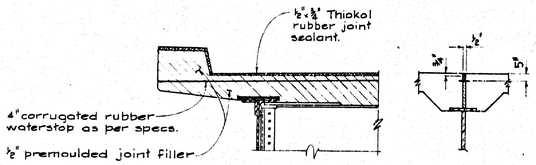
Pile heads shall be protected during driving with approved steel bands. Pile tips shall be fitted with steel shoes, supplied by the Department, if required by the Engineer.

EMBEDDED PARTS

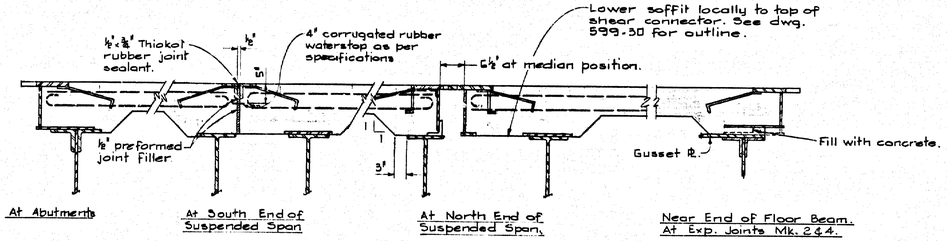
Drawings shall be read in conjunction with one another to ensure all embedded parts, such as handrail post connections, anchors, etc., are not omitted, and, immediately before each concrete pour the Contractor shall check to see that all embedded parts are present in the forms.

CHAMFERS

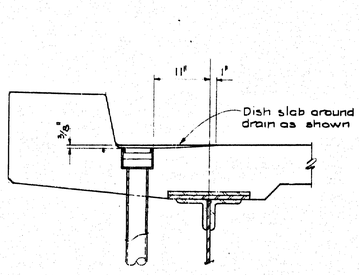
All exposed edges except as noted on the drawings are to be chamfered ¾".



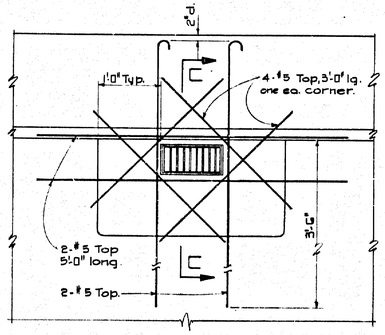
TYP. CONTRACTION JOINT



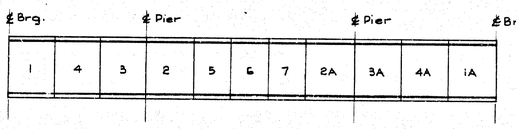
LONGIT. SECTION



C-C



DRAINAGE INLET DETAIL



POUR SEQUENCE

GENERAL ARRANGEMENT APPROVED

CHIEF ENGINEER DEPT. OF HIGHWAYS

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — W. C. McKENZIE

NO	DATE	REVISION

GOV'T. OF THE PROV. OF BRITISH COLUMBIA
DEP'T. OF HIGHWAYS

CASTLEGAR - NELSON HIGHWAY
SHOREACRES BRIDGE
OVER
SLOCAN RIVER

DECK LAYOUT

CHOUKALOS, WOODBURN, HOOLEY & McKENZIE LTD.
CONSULTING ENGINEERS
1159 West Broadway Vancouver 9 B.C.

Drawn TRue	Date	Scale-¾"=1'-0"
Checked WL	June 9, 1961	DWG. 599-22

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