

3914-PROJ. NO LARGSA-DIET NO E-YAKIMA RIVER

Grade elevations shown are finish grades 12:0" Left. of LE Line

and are equal to profile grade.

(N.G.V.D. 1929)

79W051

10 WASH. I-82-2(78)37 80

FED. ROAD STATE FED. AID FISCAL PROJ. NO. YEAR

All material and work shall be in accordance with the requirements of the State of Washington, Department of Highways, Standard Specifications for Road and Bridge

This structure has been designed in accordance with the requirements for Load Factor Design, 1973 AASHTO Specifications and Interim Specifications thru 1978.

Construction joints with roughened surface called for in the plans except under traffic barriers shall be struck off transversely with a tool capable of providing a rough surface with grooves ‡" deep and at 22" centers. All Laitance and loose material shall be removed from the surfaces to the satisfaction of the Engineer.

Footing elevations are subject to change depending upon foundation material encountered. Reinforcing steel for the footings and end pier walls shall not be cut until final footing elevations have been determined in the field, and substructure details have been

The concrete in the footings of all piers shall be Class B mix. All other cast-in-place concrete shall be Class AX mix except the concrete in the traffic barrier which shall be

The maximum design soil pressure per square foot is three (3) tons for Piers 1 and 2 (Westbound and Eastbound Bridges).

Unless otherwise shown on the plans, concrete cover measured from the face of the concrete to the face of any reinforcement bar shall be 2" at the top of the roadway slab, I"at the bottom of the roadway slab, 22" at the bottom of the footing and 12" at

The roadway slab shall not be poured until 24 hours minimum after pouring the diaphragm.

Falsework shall be carefully released to prevent impact or unaue stresces in the structure.

> P.C. GIRDERS LOADING: HS-20 TWO 24 KIP AXLES @ 4' CTRS.

> > MP 38.94 TO MP 41.52

UNION GAP TO SUNNYSIDE DAM YAKIMA COUNTY

GANGLE ROAD OVERCROSSINGS

LAYOUT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

SECRETARY

126/150

APPROVED May 4, 1979 SHEET 80 OF 89 SHEETS

= 713.86'

= 1422.81

= 0.04'/ft.

Fwd. Tang. B'rg. = \$14°12'00" E Bk. Tang. B'rg. = \$25°50'45" E

= 1443.13'

= 0.04 '/ft.

Fwd. Tang. Birg. = 514° 12'00" E

Bk. Tang. Brig. = \$ 25°50'45" E