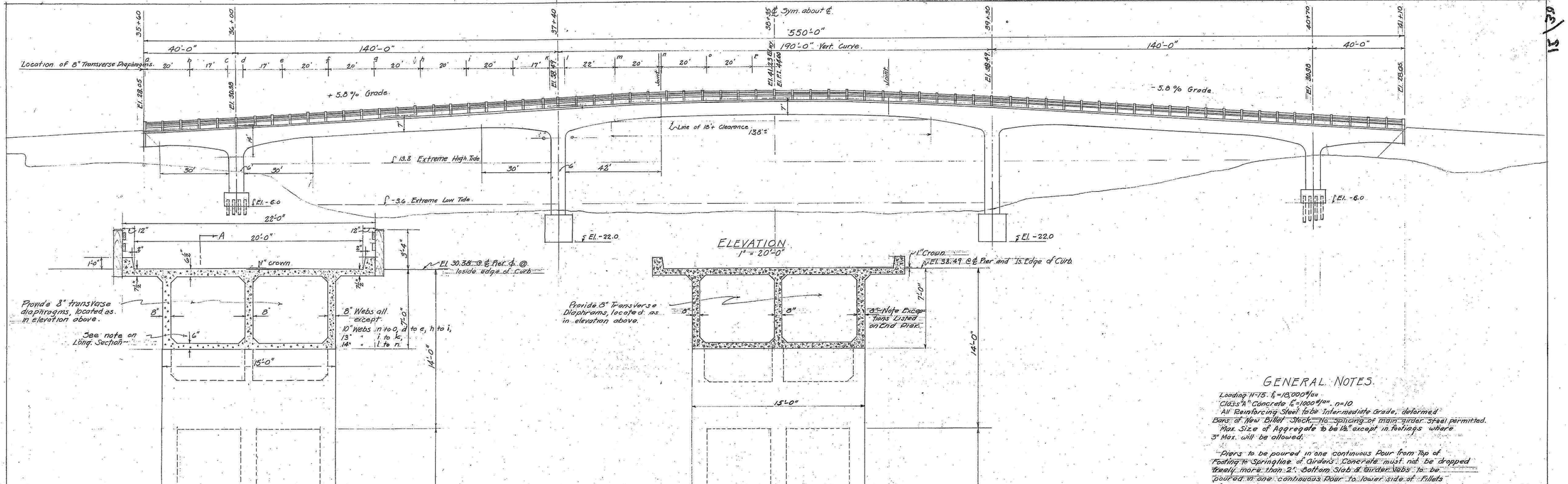
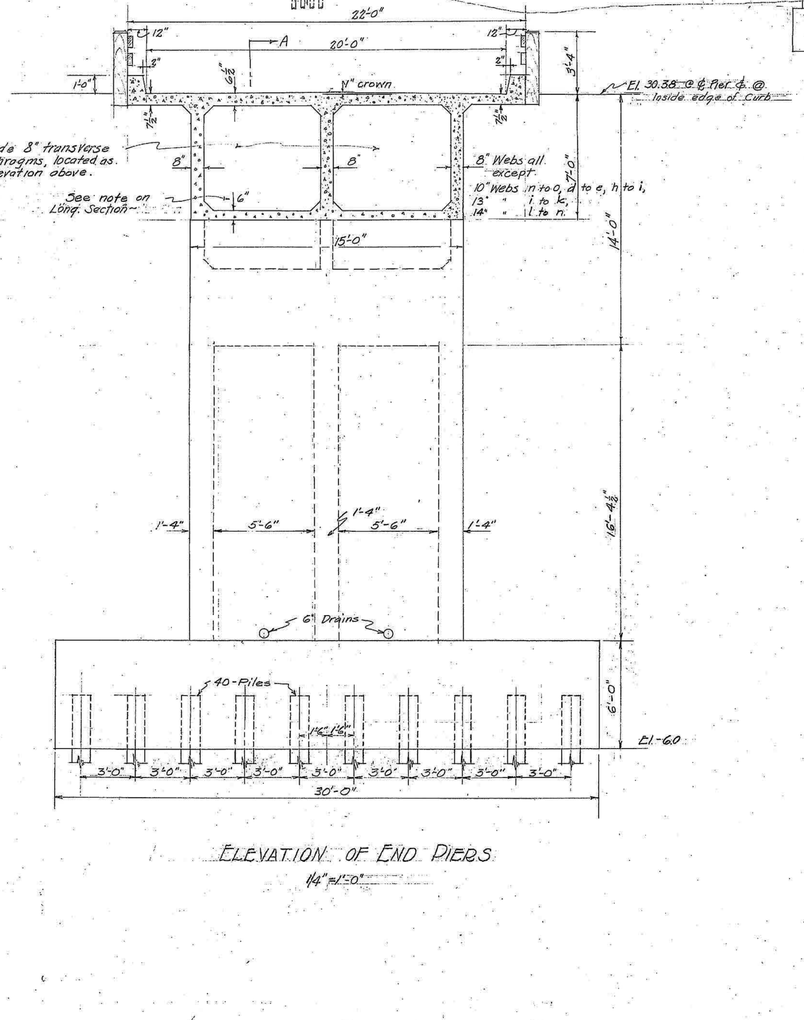
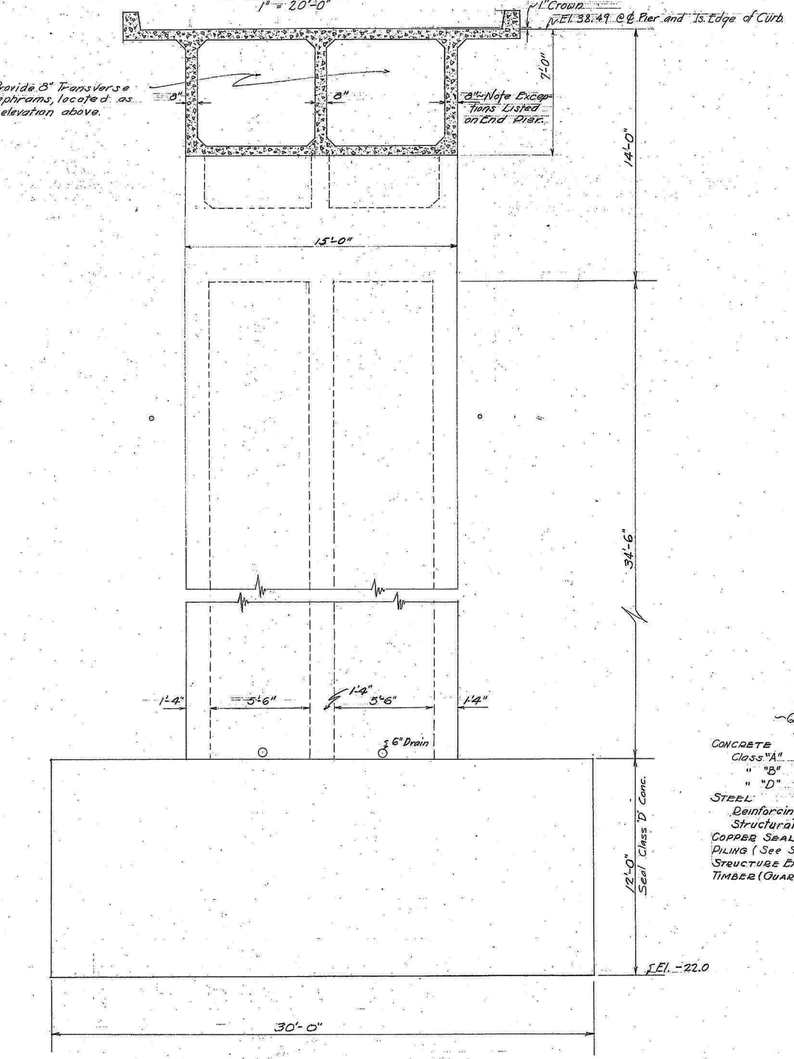


ELEVATION
1" = 20'-0"



ELEVATION OF END PIERS
1/4" = 1'-0"



ELEVATION OF CENTER PIERS
1/4" = 1'-0"

GENERAL NOTES.

Loading H-15. f_s = 18,000 #/sq in
"Class A" Concrete f'_c = 1000 #/sq in. n=10
All Reinforcing Steel to be Intermediate Grade, deformed Bars of New Billet Stock. No splicing of main girder steel permitted.
Max. Size of Aggregate to be 1½" except in footings where 3" Max. will be allowed.

Piers to be poured in one continuous Pour from Top of Footing to Springline of Girders. Concrete must not be dropped freely more than 2'. Bottom Slab & Girder Webs to be poured in one continuous Pour to lower side of Fillets of Roadway Slab. All joints to be provided with sufficient shear keys.

Forms to be lined with Plywood. Light Steel Encasement, adequately braced & stiffened, to be used as end forms of Suspended Span.

All 90° Exterior Corners shall be Champfered ¾".

Main 2" ℄ Girder Bars to have 2½" Clearance from Bottom and 2½" Clearance from Top, except in Center Web this clearance shall be 3½". Provide 3" clear between Bars and between Layers. Slab Bars to have 1" Clearance from Bottom of Slab and 1½" from Top.

All Timber and Planks to be Douglas Fir.

Railings & Rail Posts to recieve 2 Coats of Aluminum Paint.

All Bolts & Fittings to be galvanized.

Paint all Structual Steel with one Shop Coat, and two Field Coats on Exposed Portions.

Provide 1½" Camber in Forms for Girders of 140' Spans.

Design figured without wt. of Forms.

Footing Seals to be Class 'D' mix. Footings above seals to be Class "B" mix. All other concrete to be Class "A" mix.

~QUANTITIES~

CONCRETE	
Class "A"	1,219.0 Cu Yds.
" "B"	88. Cu Yds.
" "D"	379. Cu Yds.
STEEL	
Reinforcing	330,178.0 #
Structural	9811.0 #
COPPER SEAL	44.0"
PILING (See Summary)	80. Piles
STRUCTURE EXCAVATION	970.0 Cu Yds.
TIMBER (GUARD RAIL)	7.0 M.B.M.

OFFICE OF PIERCE COUNTY ENGINEER
TACOMA WASHINGTON

BRIDGE NO. 24221-A
SECONDARY ROAD PROJECT NO. 51

SEC. 24-T22N-R1E W.M.

SCALES AS NOTED AUG. 1935

APPROVED [signature] COUNTY ENGINEER

SHEET 2 OF 5 SHEETS

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