

NOTES

Pipe railing, pipe railing splices, cover plates and bottom extruded channels shall be bent to the horizontal curve where the radius of curvature is less than 200 feet.

Shop drawings of railing shall be submitted for approval showing complete dimensions and details of fabrication and including an erection diagram. Material being used shall be specified in the shop drawings.

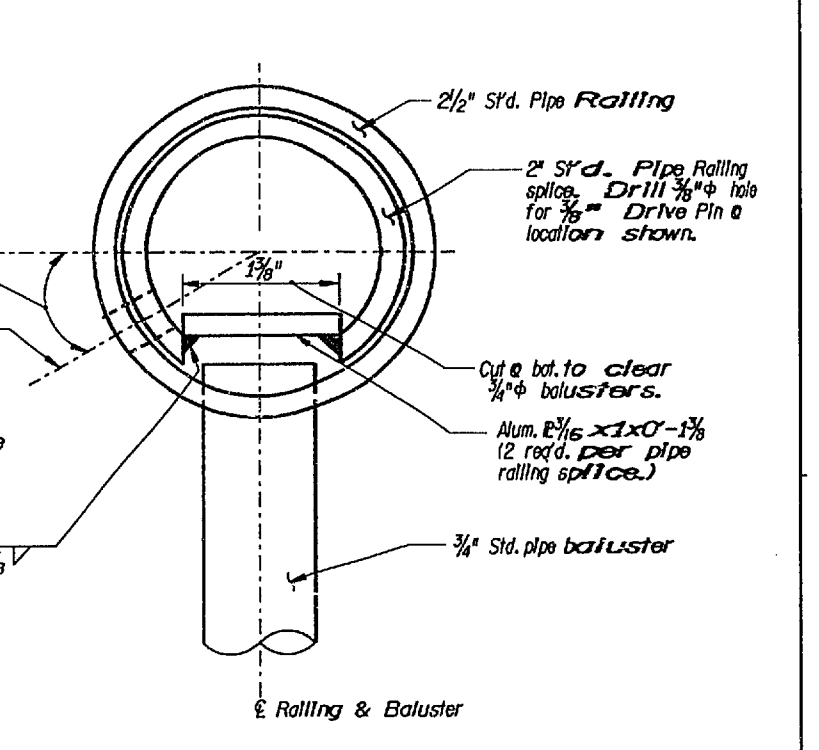
All aluminum parts shall be given a clear anodic coating at least 0.0006" thick and shall be sealed to meet the requirements of ASTM B 136 and shall have uniform finish.

Pipe railing, pipe railing splices, cover plates and bottom extruded channels may be heated to not more than 400° F. for a period not to exceed 30 min. to facilitate forming or bending.

Cutting shall be done by sawing or milling and all cuts shall be true and smooth. Flame cutting will not be permitted.

Pipe railing, pipe balusters, pipe railing splices, cover plates and bottom extruded channels shall be adequately wrapped to insure surface protection during handling and transportation to the job site.

Welding of aluminum shall be in accordance with Section 5 of the latest AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.



MAT'L	PART	MATERIAL SPECIFICATION
	Pipes	A.S.T.M. B241 or B429 Alloy 6061-T6 Schedule 40 (Std. pipe)
Aluminum	Extruded channels & cover plates	A.S.T.M. B221 Alloy 6061-T6
	Drive Pins & Plates	A.S.T.M. B221 Alloy 6061-T6
Steel	Anchor bolts, nuts & washers	AASHTO M164 (Galvanize in accordance with AASHTO Specification M232)
	Plates	AASHTO M 103
	Drive Pins	A.S.T.M. A-276 Stainless Steel

Bridge Design Engineer
Supervisor
Reviewed By
Designed By
Checked By
Detailed By
Architect
Preliminary Plan By

DATE
REVISION
BY/APP'D

SECTION NO.
STATE
FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO.

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WASH.
FLH-F-410(26)
86E084
3198

BRIDGES AND STRUCTURES

Washington State
Department of Transportation

SR 410
PIERCE COUNTY LINE TO
UNION CREEK
AMERICAN RIVER BRIDGE 410/206
BRIDGE RAILING TYPE BP
410/206

SR 410/104