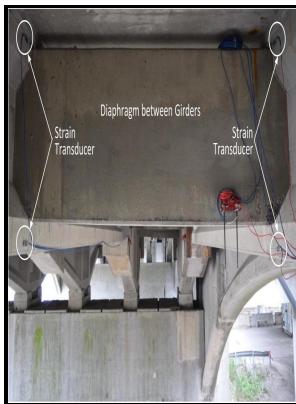


Test of a 40-foot reinforced concrete highway bridge.

-- The Columbia River



Description: -

BridgesTest of a 40-foot reinforced concrete highway bridge.

-Test of a 40-foot reinforced concrete highway bridge.

Notes: Reprinted from American Society for testing materials

Proceedings. Vol. 13, 1913, pp. 884-922.

This edition was published in 1913



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ASTM Proceeding 1913

Devries Pages: 12 550 - 561 Resistance of Steels to Wear in Relation to Their Hardness and Tensile Properties George L. ADVERTISEMENTS: Reinforced concrete bridges are found to be economical for spans exceeding 12 m. Assessment of performance of the connection and recommendations for future use are based on experience with fabrication of test specimens and on observations and analyses from the structural testing.

The Columbia River

The horizontal forces due to seismic force shall be taken to act through the centre of gravity of all the loads under consideration.

Structural and Materials Testing Laboratory — Texas A&M Transportation Institute

The bridge features many of the standard details used by the Oregon State Highway Department during the tenure of State Bridge Engineer Conde B.

Structural and Materials Testing Laboratory — Texas A&M Transportation Institute

Although this decking system presents many advantages, one fundamental hurdle to its use is the field-cast connections which join the panels to the supporting superstructure.

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Click image to enlarge Vista House, 1917, lower entrance, Historic Columbia River Highway, Oregon. They shall be designed to resist a lateral horizontal force and a vertical force each of 1500 N per metre run applied simultaneously at the top of the railing or parapet. Image taken April 10, 2015.

Structural and Materials Testing Laboratory — Texas A&M Transportation Institute

Image taken January 13, 2009.

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