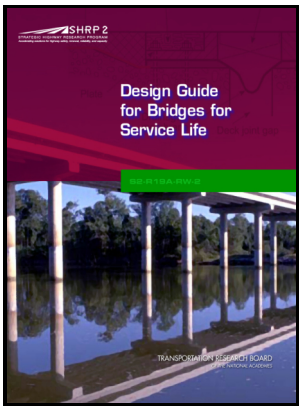
Test of a 40-foot reinforced concrete highway bridge.

- - The Columbia River



Description: -
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BridgesTest of a 40-foot reinforced concrete highway bridge.
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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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Ultra

Very often it is seen that the cost of the substructure forms nearly 50 per cent of the total cost of the bridge. The coefficient of friction at the bearing shall be assumed to have the following values: For simply supported reinforced concrete and prestressed concrete superstructure, the span upto which plate bearing can be used shall be limited to 15 metres.

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

Image taken October 22, 2015. Crown Point to the Dodson I-84 Interchange Overview.

Bridges: Types, Span and Loads

Click image to enlarge Coopey Falls, Historic Columbia River Highway, Oregon. Click image to enlarge Historic Columbia River Highway at Crown Point.

The Columbia River

Click image to enlarge Bridge over Oneonta Creek, Oregon. Such bracing system also resists lateral forces transmitted by wind action on the structure as well as the moving vehicles. The sculptural potential of concrete inspired a collaborative process between the bridge designer and engineer to acknowledge such traditional structural features as corbels, spring points, camber, hinges and keystones.

ASTM Proceeding 1913

Image taken February 19, 2013. Cattle Pass to the Luscher Barn. .

ASTM Proceeding 1913

Milepost Marker 30: Click image to enlarge Milepost Marker 30, Historic Columbia River Highway, Oregon.

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