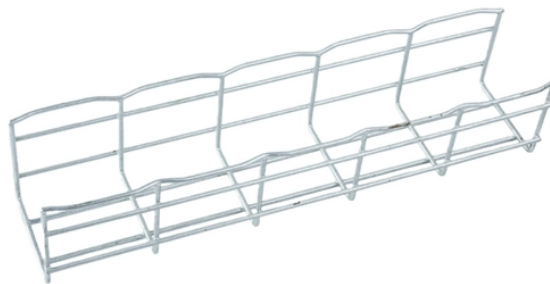


Trough-type instrument bridge



Overview

With trough bridges, the roadway slab isn't arranged over the longitudinal girders like it is on a deck bridge, but is situated between the main girders and lower than the upper edge of the main girders. The utility model relates to a kind of trough type bridge frame, comprise: horizontal curved is logical, horizontal threeway, curved logical, top perpendicular tee joint, upper angle perpendicular tee joint, below perpendicular tee joint, straightway in vertical curved logical, vertical lower. Trough bridges featuring thick deck plates have proven to be the ideal bridge design for short-span overbridges. with crossbeams underneath the track plate. Web plates are in many cases welded on to stiffen the trough walls. Trough bridges therefore stand out with a lower construction height and, among others, are used. ABSTRACT: The IronOre line between Narvik in Norway and Luleå in Sweden faces challenges with aging bridges and an increase in allowable axle loads. In this line, reinforced concrete trough bridges constitute about 50% of the bridge population; therefore, they are crucial for the country's economy. (1) A. The invention discloses a kind of comprehensive trough type bridge frame, including trough type bridge frame, ground hole, bolt mounting holes, bolt sleeve, connector,

bolt, cover plate, thread tapping and cable, the two ends of the trough type bridge frame are mounted on the bolt mounting holes.

Trough-type instrument bridge



With trough bridges, the roadway slab isn't arranged over the longitudinal girders like it is on a deck bridge, but is situated between the main girders and lower than the upper edge of the main girders.



The trough-type bridge frame is a rigid structural system with close-connected supporting cables composed of straight sections, bends, components, brackets, hangers, etc. of pallets or ladder...



Fachthemen Experimental and analytical behavior of a new type of concrete-filled steel tube tied-arch bridge with trough girder China Railway Shanghai Design Institute Group Co.Ltd, Shanghai, China



To achieve this, an experimental study on a full-scale reinforced concrete trough bridge was conducted, measuring load distribution in a laboratory setting. Load plates were fabricated and strategically ...



An appropriate (though special-purpose and expensive) solution is given by a trough bridge with 120 mm-deep heavy a steel plate as road deck. This plate is connected by fillet and ...



Thick-plate trough bridges have been a tried-and-proven bridge type in Germany for many years, and are preferred for construction in urban and inner-city areas for bridges with small spans (<10 m), ...



The bridge consists of two curved laminated timber girders which are connected with horizontal timber tie members on a back-anchored basis. The truss posts of the round steel hangers are fitted between ...



The utility model relates to power supply construction field, particularly a kind of trough type bridge frame.



The tray type cable tray is lighter in weight, can withstand a large load, and its shape is more beautiful than that of the trough bridge. In addition, the tray type bridge has a relatively simple structure and is ...



It is an object of the invention to provide a kind of comprehensive trough type bridge frame, with asking for solving to propose in above-mentioned background technology Topic.

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