- 更经济 MORE ECONOMICAL
- 更安全 MORE SAFE
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中国桥梁施工系统服务商

CHINA BRIDGE CONSTRUCTION SYSTEM SERVICE

兴土微信公众号

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装配式0#块托架A型

Prefabricated 0 # Bracket Type A

兴土股份 XING TU CO.,LTD

桥梁墩顶 0#块施工解决方案

BRIDGE PIER TOP 0 # BLOCK CONSTRUCTION SOLUTION

设计理念

DESIGN CONCEPT

我们针对传统三角托架现场焊缝质量无法保证、安拆效率很低、材料浪费严重、无安全防护设计等问题，通过用精益建造的思考方法，把产品做成服务，植入公司使命。研发过程从前期现场环境分析、结构设计、产品工厂化制造、安拆使用到优化改进进行产品全生命周期考虑。结构继续秉承杆件标准化设计、整体装配式安拆的理念，通用性强、安全性能好、安拆效率高。

Aiming at the problems such as the quality of welding seam on the site of traditional triangle bracket cannot be guaranteed, the efficiency of installation and dismantling is very low, the material waste is serious, and there is no safety protection design, etc., we use lean construction thinking method to turn products into services, and embed the products into the company's mission. Research and development process from the early stage of the field environment analysis, structural design, product factory manufacturing, installation and disassembly use to optimize the product life cycle. The structure continues to adhere to the benchmarking standard design, the concept of integral assembly installation and dismantling, strong universality, good safety performance, high efficiency of installation and dismantling.

使用场景

USAGE SCENARIOS

主要提供连续梁悬臂施工墩顶段的浇筑支撑解决方案，扩展可用于较短直线段现浇以及其它桥梁较短悬臂结构的混凝土浇筑方案解决。

It mainly provides the pouring support solution for the cantilever pier top section of continuous beam construction, which can be extended to short straight line section in situ and other short cantilever bridge concrete pouring solution.

方案优势

PLAN ADVANTAGE

我们通过墩身施工实践及总结分析，根据墩身钢筋布置特点采用标准定位工装进行预埋盒的安装，和可调节的连接支座配合解决了现场预埋偏差无方法控制的问题；杆件通过标准化设计，通用性强，可以提前备货并实现快速供货；整体结构采用装配式连接，可以实现在后场快速拼装，前场整体吊装就位，安装效率高；所有节点连接采用销接和栓接，主要受力部位无焊缝连接，结构安全性高；整体三角托架和挂篮底篮一体化设计，提高了材料利用率和施工周期。

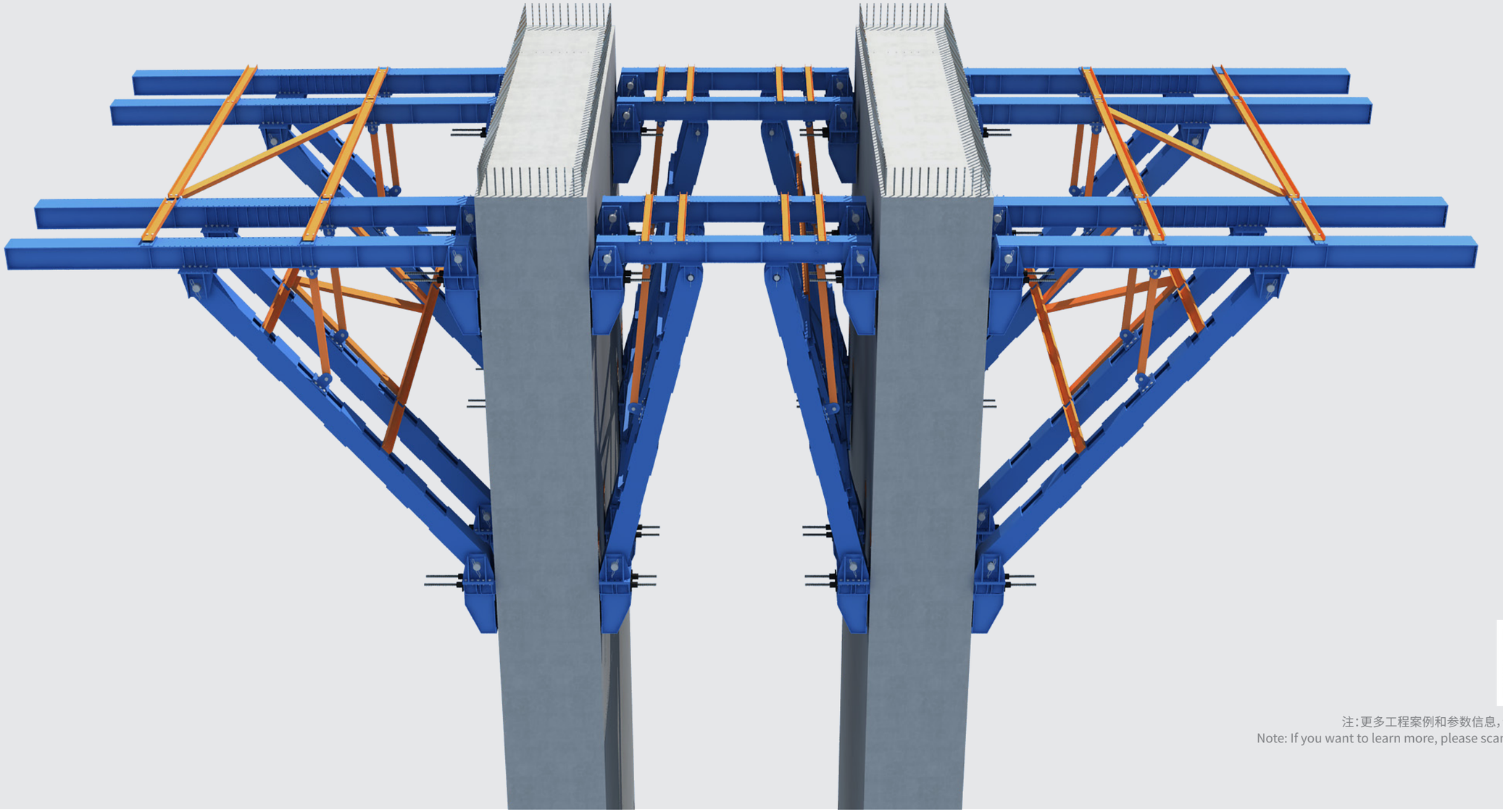
Based on the construction practice and summary and analysis of the pier block, according to the characteristics of the pier block rebar layout, the standard positioning fixture is used to install the embedded box, and the adjustable connecting support is used to solve the problem of no method to control the field embedded deviation. Through standardized design, the bar has strong universality, which can prepare goods in advance and realize fast supply. The whole structure adopts the assembly connection, which can realize the fast assembly in the back field, the whole hoisting in the front field, and the high installation efficiency. All joints are connected by pins and bolts, and there is no weld joint at the main stress position, which makes the structure safe. The integrated design of triangle bracket and bottom basket improves the utilization rate of materials and construction cycle. Provide one-stop solution from the early stage of the field environment aerial photography.

技术服务

TECHNICAL SERVICE

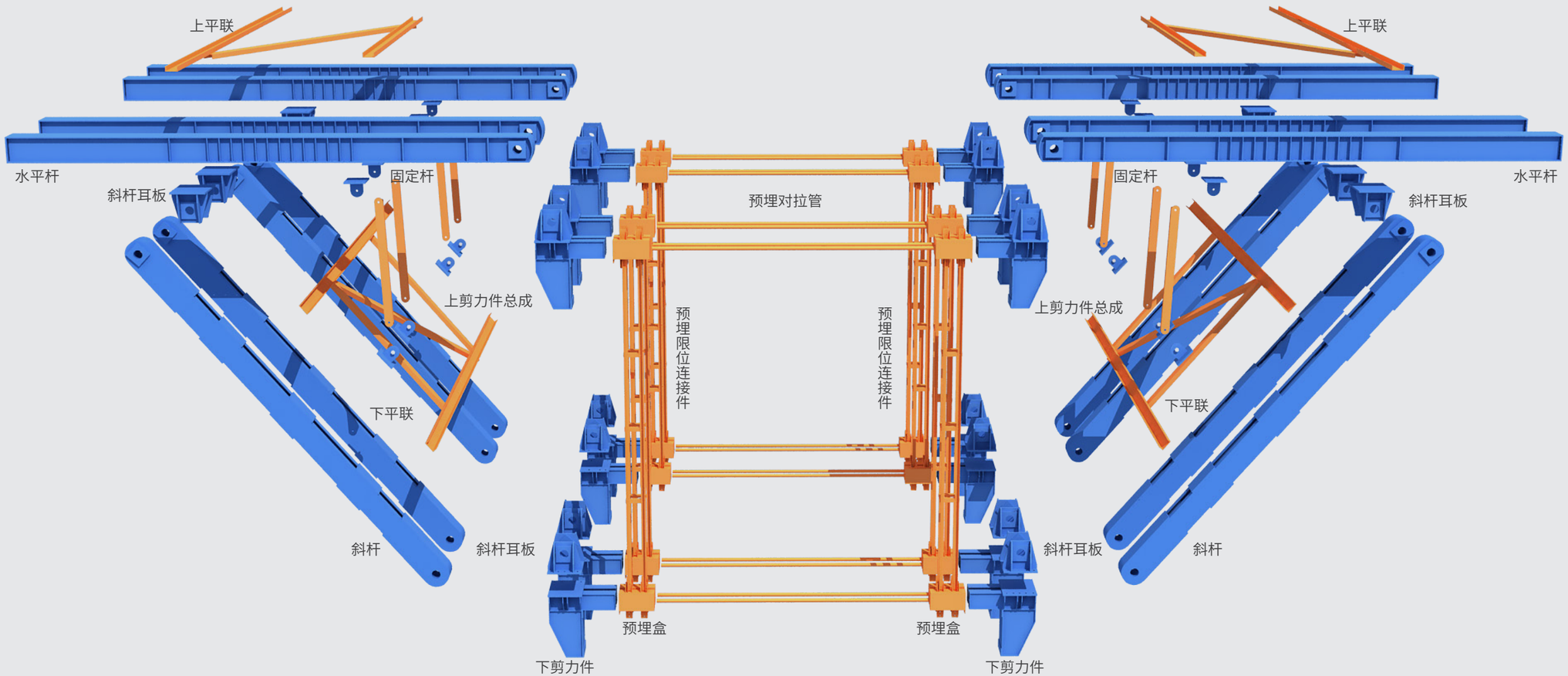
提供结构设计验算、技术方案编制、可视化三维杆件清单、售后安装及拆除的技术指导。

Provides structural design checking computations, technical programming, a visual three-dimensional bar list and technical guidance for after-sales installation and removal.



注：更多工程案例和参数信息，请扫描二维码。
Note: If you want to learn more, please scan the QR code.

构件组成 | Structural Component



项目名称:中交第二公路工程局有限公司浦仪公路西段A2标项目

项目名称:中铁二十三局集团第六工程有限公司渝黔高速公路扩能总承包工程

项目名称：中铁六局集团新建福厦铁路9标项目

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