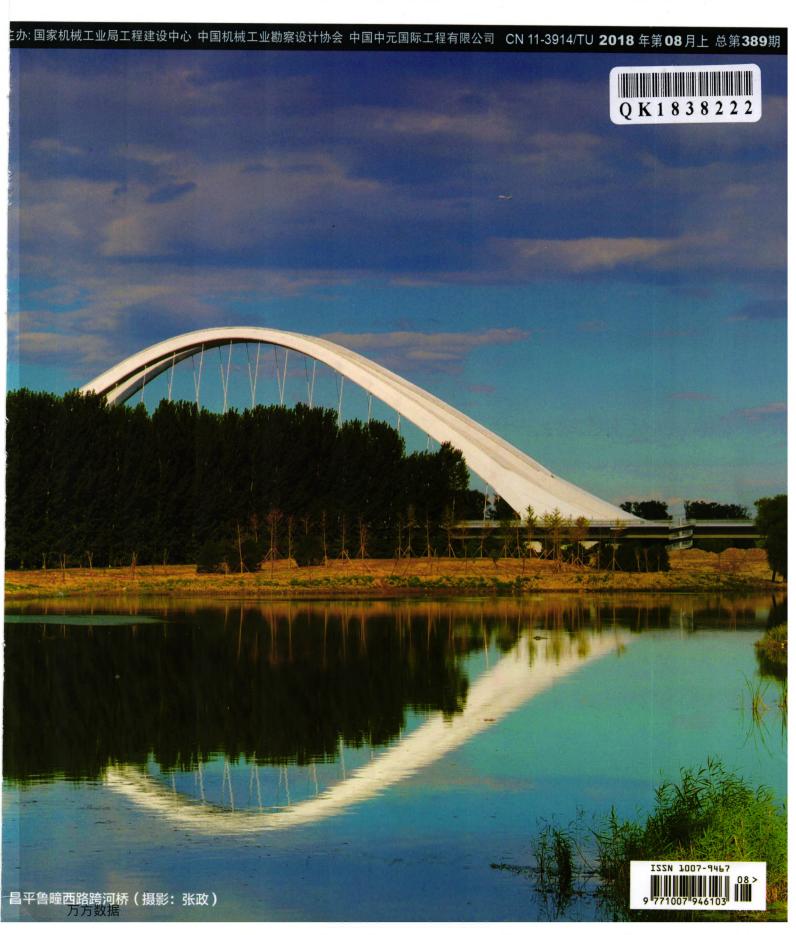


工程建设与设计



动态资讯

07 "国务院办公厅印发《关于进一步加强城市轨道交通规划 建设管理的意见》"等信息6则

特别关注

09 中国电子工程设计院有限公司第四届科技创新大会召开

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12 为了BIM的明天——访北京绿色建筑产业联盟理事长 陆泽荣

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14 技术革新促进行业发展——访深圳市中筑营造建设工程 有限公司设计总监周志刚

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- 50 现代妇幼专科医院建筑设计——南宁市妇幼保健院建筑设计分析(覃露瑶)
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- 83 往复式压缩机的振动控制及气流脉动方法的应用(石 苦)
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- 103 车陂路—新滘东路沉管隧道工程总体设计要点研究 (邓灿)
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- 116 小三岔口隧道混合岩岩质塌方处理研究(范永慧)
- 119 地铁低压配电系统中保护配合问题分析(詹立爱)
- 122 大孔隙排水降噪沥青面层结构设计及其施工技术(周 永军,龚 霞,彭庆华,文光斗,石光平)
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- 134 雾封层技术在沥青路面预养护中的应用(黄宁)
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- 171 城市精品道路设计理念与策略(于淼)

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- 187 建筑企业施工现场安全管理成熟度评测模型研究(王 冬,杨胜刚,曾强,黄祯明,隆颖)
- 190 泵站施工过程中裂缝的成因与防范策略(谢伟,钱 刚,邹林)
- 193 黄龙带特大桥菱形挂篮设计与施工(余细强)
- 196 软土地区地铁车站深基坑的变形特性(周小军)
- 199 沥青混合料产生离析的原因分析及应对策略(白云明)
- 202 轻钢轻混凝土墙体免拆模板施工技术(李红超,韩昌 君,李伟龙)
- 205 钢桁梁就地安装拖拉法在非洲地区的应用(宋勋)
- 208 地铁盾构法施工中盾构机转接始发技术研讨(李俊 威)
- 210 对公路桥梁桩基施工与检测的认识(林魁)
- 213 试析湿陷性黄土路基填筑施工技术及其质量控制(唐 永胜)
- 215 公路钢箱梁桥面板施工新技术初探(张睿,崔波)

- 218 机械施工细节问题影响高速公路工程质量的经验分析 (郭新瑞)
- 220 谈海洋平台重量重心控制的重要性及方法(孙超,金利华,朱海山)
- 223 水闸工程施工的质量管理与控制研究(时梅)
- 225 房建土建工程中的高支模施工技术探讨(许国彪)
- 228 高速公路施工中的软土路基施工技术(苏东南)
- 230 盾构机近距离穿越地热管道施工技术 (闫瑞华)
- 233 桥梁下部结构施工及质量控制分析(石学谦)
- 235 特大直径雨水干管顶进关键施工技术(郝东辉)
- 238 改扩建沥青路面冷再生施工技术应用(黄春晓)
- 240 水利工程施工中爆破技术分析(王龙)
- 243 装配式建筑高处坠落风险防范分析(高姝蕾)
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- 254 对房屋建筑工程预结算控制管理措施的分析(万卷 琪)
- 257 公路工程施工项目的精细化管理(郝利朋)
- 259 电气化铁路接触网设备故障产生的原因与防范措施探 析(惠凯)
- 262 新型绿色建筑工程造价预算与成本控制分析(李宝民)
- 265 论加强公路工程施工质量管理的方法和实践(杨文广)
- 267 建筑工程管理中融合目标管理理念之实践(童承宇)
- 270 新的市场形态下水利施工企业生存保证策略探讨(陈 爱华)
- 272 谈EPC总承包管理模式下的成本管理(杨宏伟)
- 275 公路工程现场施工质量控制与管理探讨(贺立恒)
- 277 谈如何发挥业主方在公路工程变更控制中的主导作用 (李进)
- 280 DSTI在国际项目施工安全管理中的应用研究(史宁, 周建军, 时龙彬, 曾敏, 李盛仙)
- 283 高速公路隧道安全风险评估及现场管理研究(田云建)
- 286 建筑造价管理现存问题及对策研究(张小龙)
- 288 城市供水管网GIS系统的建设管理与维护(马玉红)
- 291 乡村振兴背景下原住民参与旅游小城镇发展策略(黄 雨薇,于澄)
- 293 地铁隧道施工安全风险评估及应用研究(肖兵)
- 296 境外铁路工程项目投融资模式选择与评价研究(鲁力)
- 298 谈水利水电工程施工进度管理问题 (陈正光)
- 301 如何高效做好岩土工程勘察报告的编制工作(聂磊)
- 303 论隐形工程质量的影响及控制(刘超)
- 305 对我国注册建造师执业资格考试的探讨(张爽)

INFORMATION

07 "Notice of the General Office of the State Council on Further Strengthening Urban Rail Transit Planning and Construction" Etc. 6

SPECIAL FOCUS

09 The 4th Scientific and Technological Innovation Conference of China Electronics Engineering Design Institute Co. Ltd. was Held

INFORMATIZATION

12 For the Future of BIM

INTERVIEW

14 Technological Innovation Promotes Industry Development

FORUM

- 16 Comparison of Professional Examinations Between Chinese and American Registered Geotechnical Engineers
- 20 The Design Practice of the Road Reconstruction Project in the Old Town
- 23 Discussion on Traffic Guide and Reform Scheme of Expressway Adjacent to Existing National Road in Complex Mountain and Heavy Hilly Area
- 26 Distribution and Potential Evaluation of Dry Hot Rock Resources in the Northwest of Liangzhou District, Wuwei City, Gansu Province

Architectural and Structural Design

- 29 Study on Construction Technology of Super Long Span Steel Reinforced Light Steel Keel Partition Wall (TIAN Li, LIU Shan, ZHANG Wei, RAO Rui, LI Dong-hua)
- 32 Discussion on Reasonable Steel Number Selection for Light-weight Building with Gabled Frame (GAO De-hui, LIU Yang)
- 35 Application of Surveying and Mapping Technology in Engineering Surveying (ZHANG Yuan)
- 37 Design Principle and Method of Ecological Architecture (ZHANG Wen)
- 39 Architecture Design of a Back-up Mountain (GAO Yong)
- 42 Organic Combination of Control Detailed Planning and Urban Design (PENG Jun-jie, CHEN Yan-yan)
- 44 Research on Traditional Village Landscape Planning of Taihang Mountain in Xinxiang City (LI Hai-gang, KANG Xing-yan)
- 48 Application of Beamless Floor in Hydropower Station Powerhouse (JIANG Li-wei)
- 50 Architectural Design of Modern Maternity and Child Hospital——Analysis of Architectural Design of Maternity and Child Hospital in Nanning City (QIN Lu-yao)
- 53 Application of Green City Design Principle in Planning and Design Practice (SHI Ke)
- 55 Discussion on Design of Post-pouring Zone of Building Structure Settlement (XU Yun-zhong)

Engineering Design of the Ground

- 58 Analysis of Engineering Geological Survey and Hydrogeological Evaluation (MA Min)
- 60 The Reflection of Geological Surveying and Mapping Technology and Development in the New Period (HAO Wei-hua)
- 62 Research and Application of Foundation Testing Theory for Civil Engineering of Rotary Jet Pile (ZHI Li-yuan)
- 64 Discussion on the Existing Problems of Pile Foundation Detection and Optimization Strategy in Architectural Engineering (LIU Peng, LI Yunpeng, WANG Liang)
- 66 Construction Technology and Quality Control of Asphalt Pavement for Highway Engineering (WU Fei)
- 68 Selection of Existing Buildings to Reinforce the Survey and Foundation Reinforcement Plan (SHI Jian)
- 71 Application of Cross-Hole Sonic Logging in the Integrity Testing of Bridge Pile Foundation (XIE Rui)
- 73 Design of Retaining Structure for Deep Foundation Pit with Eccentric Load in Subway Station (YUAN Lei)

Public Utilities Design

- 76 Research and Application of Measures for Implementing Centralized Heating Household Metering (HUANG Yi)
- 79 Analysis on the Application of Waste Heat of Distributed Energy Resource and Renewable Energy Resource of Solar Energy in the Hot Water Supply System of Hotel——Take Hotel of Shanghai Haichang Polar Ocean Park as an Example (LU Feng-ying)
- 83 Vibration Control of Reciprocating Compressor and Application of Gas Flow Pulsation Method (SHI Fang)
- 86 Analysis of Key Points of Waterpro of Urban Utility Tunnel (LAI Youliang, WANG Ping, ZHAO Rong)
- 90 Discussion on Electrical Design of Rrepair Hangar (JIN Xiao-feng)
- 92 Discussion on Water Supply and Drainage and Fire Protection Design of A Food Inspection Laboratory Building (LI Zhi-yuan, LI Lei)
- 95 Grid-connected Topology of Photovoltaic Power Plant via VSC-HVDC and Control Strategy (PAN Chong)

Municipal ·Traffic· Water Resources·Engineering Design

- 97 Collaborative Design and Engineering Practice in Construction of Underground Traffic Tunnels (YANG Kui, XING Dong-dong, HUANG Jun, WU Jia, ZHANG Zhong-yu)
- 103 Study on the Main Points of the Overall Design of Immersed Tunnels Project of Chebei Road-East Xinjiac Road (DENG Can)
- 106 Research and Application of Irrigation and Drainage Method ——A Case Study of the Bairna Base for Teaching and Scientific Research of Nanjing Agricultural University (ZHAO Dan-dan, QIAN De-zhou)
- 109 Discussion on the Development Trend of Urban road Planning and Design (WANG Yong-peng)
- 113 The Design and Construction of Connection Between Road and Bridge (FU Wei)
- 116 Collapse Treatment in Migmatite Rock Tunnel (FAN Yong-hui)
- 119 Analysis of Protection Coordination in Subway Low Voltage Distribution System (ZHAN Li-ai)
- 122 Construction Technique and Structure Design for Large Pore Drainage Noise-reducing Asphalt Pavement (ZHOU Yong-jun, GONG Xia, PENG Qing-hua, WEN Guang-dou, SHI Guang-ping)
- 126 Application of Waterproof and Crack Resistant Layer in Asphalt Pavement (LIU Xiao-vu)
- 129 Control Measures of Highway Cement Concrete Pavement (WU Jianfang)
- 131 Analysis of Road and Bridge Engineering Maintenance Measures (QIN Ca)
- 134 Application of Fog Seal Technology in Precuring of Asphalt Pavement (HUANG Ning)
- 136 Analysis on Optimal Design of Municipal Road Drainage (TIAN Song)
- 139 Research on Construction Scheme of Urban Rail Transit Transmission System (XING Tao)
- 141 Selection of Water Delivery Methods and Partition of Pipe Network in Municipal Water Supply and Drainage Design (ZHANG Lei, YAO Yuan)

- 144 Development and Suggestion of Railway Distribution Automation (PAN Xin-gang)
- 146 Durability Measures of a Bridge Based on Durability of Concrete Structures (DAI Hong-feng)
- 149 Characteristics and Measures of Preventive Maintenance of Highway Asphalt Concrete Pavement (YAN Fei)
- 151 Research on Technical Measures of Kunming Road Comprehensive Gallery Crossing Ground Fissure Site (WANG Ping, LAI You-liang)
- 155 Application of Integrated Pipe Gallery in Small and Medium-Sized Cities (REN Bing)
- 157 Seismic Analysis and Checking Calculation of Upper and Lower Ramp Bridge of the Urban Viaduct (YOU Tao)
- 161 Discussion on Rebuilding Test Site of Original Construction Site on Expressway (YANG Chun-Liang, XIU Ji-fei)
- 163 Research and Analysis on TOD Development of Railway Station and Parking Lot of Rail Transit (HUANG Biao-liang)
- 166 Discussion on the Operation and Management Measures of Small and Medium-sized Hydropower Stations (YAN Yong-zhong)
- 168 Research on Design Scheme of Electric Fire Monitoring System in Metro Station (WEI Xin)
- 171 The Concept and Strategy of Urban Fine Road Design (YU Miao)

Manufacture Engineering Design

174 Survey and Statistical Analysis of Variable Load on Aluminium Potroom Operating Platform (LIU Jian-kang, JlA Yun-ji, ZHANG Zhen-yu, LV Zhen, YAO Guo-hua)

Intelligence and Imformation Technology

- 177 Application of Fast Static GPS in Aerial Photography Control Measurement (HU De-bi)
- 179 BIM Design of Technological Process in Loader Assembly Workshop (WANG Zhong-heng, WANG Jun, GE Hui, ZHANG Ping-an)

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- 185 Study and Analysis on Construction of Fire Fighting HVAC System in Building Engineering (DU Sheng-li)
- 187 Research on Evaluation Model of Safety Management Maturity in Construction Enterprise Site (WANG Dong, YANG Sheng-gang, ZENG Qiang, HUANG Zhen-ming, LONG Ying)
- 190 Causes of Cracks in Pumping Station Construction and Preventive Measures (XIE Wei, QIAN Gang, ZOU Lin)
- 193 Design and Construction of Diamond Shaped Hanging Basket for Huanglong Belt Bridge (YU Xi-qiang)
- 196 Deformation Characteristics of Deep Foundation Pit of Subway Station in Soft Soil Area (ZHOU Xiao-jun)
- 199 Cause Analysis and Countermeasures of Asphalt Mixture Segregation (BAI Yun-ming)
- 202 Construction Technology of Permanent Formwork for Lightweight Steel and Lightweight Concrete Wall (Li Hong-chao, HAN Chang-jun, LI Weilong)
- 205 Application of Towing Method to Local Erection of Steel Girder in Africa (SONG Xun)
- 208 Discussion on the Starting Technology of Shield Machine Transfer in Metro Shield Construction (L! Jun-wei)
- 210 Understanding of Construction and Detection of Pile Foundations for Highway Bridges (LIN Kui)
- 213 Analysis on Construction Technology and Quality Control of Collapsible Loess Subgrade Filling (TANG Yong-sheng)
- 215 Discussion on the New Construction Technology of Steel Box Ggirder Bridge Panel (ZHANG Rui, CUI Bo)
- 218 Analysis of the Influence of Mechanical Construction Details on Engineering Quality of Expressway (GUO Xin-rui)
- 220 Importance and Methods of Weight Center of Gravity Control of Offshore Platform (SUN Chao, JIN Li-hua, ZHU Hai-shan)
- 223 Study on Quality Management and Control of Sluice Engineering Construction (SHI Mei)
- 225 Discussion on Construction Technology of High -Supported Formwork in

Building Civil Engineering (XU Guo-biao)

- 228 Construction Technology of Soft Soil Subgrade in Highway Construction (SU Dong-nan)
- 230 Construction Technology of Shield Machine Through Geothermal Pipeline at Close Range (YAN Rui-hua)
- 233 Analysis on Construction and Quality Control of Bridge Substructure (SHI Xue-qian)
- 235 Key Construction Technology for Top Entry of Rain Water Main Pipe with Large Diameter (HAO Dong-hui)
- 238 Application of the Cold Regeneration Construction Technology on Asphalt Pavement (HUANG Chun-xiao)
- 240 Analysis on Blasting Technology in Water Conservancy Engineering Construction (WANG Long)
- 243 Analysis on the Risk of Falling From the Height of Prefabricated Construction (GAO Shu-lei)
- 246 Analysis on Quality Control Measures and Methods of Building Foundation (LIN Zhen-xing)

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- 249 Discussion on Owner Risk Management of Water Conservancy Project (HUANG Yong-jun)
- 252 Creative Effect of Design in a EPC Project (WANG Lei, WANG Long-jun, LIU Peng, LIANG Ru-ming, LI Ning)
- 254 Analysis on the Management Measures of the Pre settlement Control for the Building Project (WAN Juan- qi)
- 257 Fine Management of Highway Construction Project (HAO Li-peng)
- 259 Causes and Preventive Measures for Failures of Electrified Railway Catenary Equipment (HUI Kai)
- 262 Analysis of New Green Construction Project Cost Budget and Cost Control (LI Bao-min)
- 265 Discussion on the Method and Practice of Strengthening the Quality Management of Highway Construction (YANG Wen-guang)
- 267 Practice of Integrating Target Management in Construction Engineering Management (TONG Cheng-Yu)
- 270 Discussion on the Strategy of Enterprise Survival Guarantee Under the New Market Form (CHEN Ai-hua)
- 272 Discussion on Cost Management under EPC General Contract Management Mode (YANG Hong-wei)
- 275 Discussion on Construction Quality Control and Management of Highway Engineering (HE Li-heng)
- 277 Discussion on the Leading Role of Owner in Highway Engineering Change Control (Li Jin)
- 280 Application Research of the DSTI on Construction Safety Management in International Project (SHI Ning, ZHOU Jian-jun, SHI Long-bin, ZENG Min, LI Sheng-xian)
- 283 Study on Safety Risk Assessment and Site Management of Expressway Tunnel (TIAN Yun-jian)
- 286 Research on Existing Problems and Countermeasures of Construction Cost Management (ZHANG Xiao-long)
- 288 Construction Management and Maintenance of Urban Water Supply Pipe Network GIS System (MA Yu-hong)
- 291 Strategies for Aboriginal People to Participate in the Development of Small Towns in Tourism under the Background of Rural Revitalization (HUANG Yu-wei, YU Cheng)
- 293 Safety Risk Assessment and Application Research of Subway Tunnel Construction (XIAO Bing)
- 296 Research on Investment and Financing Mode Selection and Evaluation of Overseas Railway Projects (LU Li)
- 298 Discussion on the Construction Progress Management of Water Conservancy and Hydropower Projects (CHEN Zheng-guang)
- **301** Discussion on Compilation of Geotechnical Engineering Survey Report (NIE Lei)
- 303 Discussion on the Influence and Control of the Potential Engineering Quality (LIU Chao)
- **305** Discussion of the Practice Qualification Examination for Registered Constructor in China (ZHANG Shuang)

