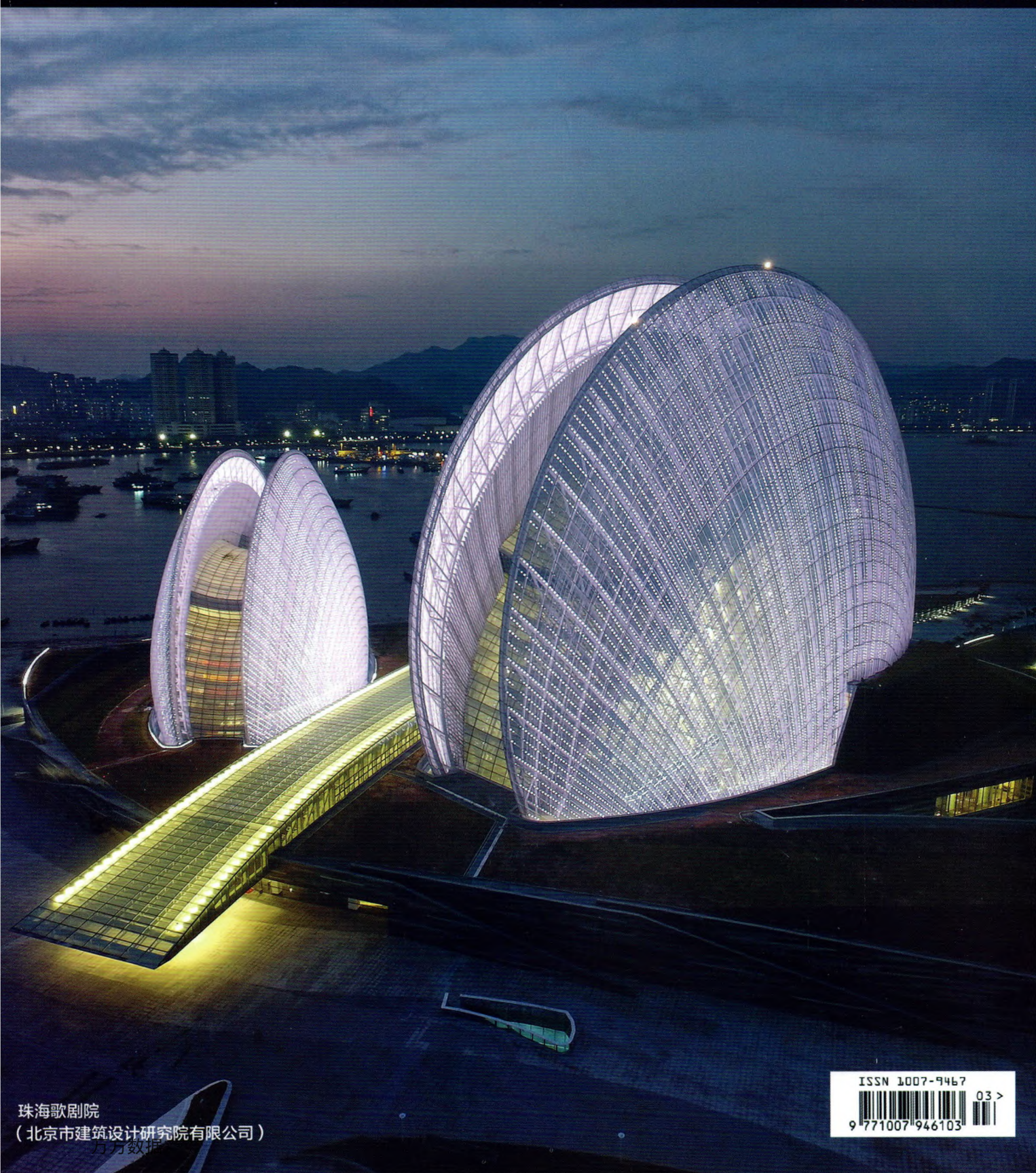




工程建设与设计

办: 国家机械工业局工程建设中心 中国机械工业勘察设计协会 中国中元国际工程有限公司 CN 11-3914/TU 2017年第03月上 总第355期



珠海歌剧院
(北京市建筑设计研究院有限公司)

ISSN 1007-9467



9 771007 946103

动态资讯

- 03 “国务院印发《全国国土规划纲要（2016-2030年）》”等信息25则

论坛

- 09 沥青路面平整度施工质量控制探析
- 11 公路桥梁施工中的软土地基施工技术探究
- 13 回转式空预器漏风原因分析及对策
- 15 关于施工现场执行试验室配合比存在的问题及对策分析
- 17 针对岩溶地基上高层建筑基础设计与施工的研究
- 19 三维可视化在电力安全建设中的应用

建筑与结构设计

- 21 绿色工业建筑评价体系研究(王盛, 王征, 杨晨)
- 24 钢筋桁架楼承板在某锂电池厂房中的应用(刘彦昌, 李长亭, 李毅伟, 王永良)
- 27 后张法预应力简支T梁反拱设置(张华勋)
- 30 某双层浓缩车间顶板结构设计的研究与探讨(岳永兵)
- 32 浅析大型钢结构焊接变形控制技术(周立红)
- 35 大底盘多塔结构的设计与计算分析(楚欢欢)
- 38 摄影测量方法在工程应用中的关键技术(黄永诚)
- 40 新型现代医疗建筑设计探讨(鲍建勇, 张立娟, 王晓倩)
- 47 现代高层住宅小区规划建筑设计探讨——以依云小镇规划建筑设计为例(虞晓夏, 沈晓峰)
- 50 型钢混凝土结构在石油化工结构设计中的应用(冉艳华)
- 52 钢筋混凝土结构改造加固方法选择实例探讨(何永超)
- 54 复杂高层建筑结构设计的分析与探讨(陈浩泽)
- 57 建筑结构抗震设计关键问题分析(赵刚)
- 59 建筑结构抗震设计若干问题分析(王坤, 梁晨)
- 61 城市规划展览馆建筑设计分析(张晓三)
- 64 建筑的防热节能设计(唐慧华, 苏江)
- 66 半刚性柱脚连接门式刚架的几何非线性分析(王林林)
- 68 绿色建筑节能技术在住宅及景观设计中的应用(刘东晓)

基础工程设计

- 71 大平矿断裂构造突水危险性的研究(徐培, 陈亮亮, 高勇)
- 74 扁铲侧压试验求取基床系数的分析与探讨(刘生财, 曹益明)
- 76 地下水位以上均质土层渗透系数计算研究(钱财富)

公用工程设计

- 79 高压输电线路的设计与维护浅析(吕文)
- 81 临兴先导试验区煤层气开发集输工艺技术研究(李鹏程, 张子波, 梁金莺)
- 84 浅析乡村旅游发展规划——以宜兴市西渚镇白塔村规划为例(桂辉亮)
- 87 生态规划与城市规划的融合探析(刘猛)
- 89 电动汽车充电桩在民用建筑中的设置(陈小青)
- 91 谈OPC技术在港口电力监控系统中的应用与研究(李恒)

市政·交通·水利工程设计

- 94 山区桥梁高墩三角高程测量可行性与误差理论研究(曹福)
- 97 高速公路沥青路面常见病害处治研究(向星翰)
- 100 公路混凝土桥梁的典型病害及养护管理措施(刘长泉)
- 103 预制装配式钢-混凝土小箱叠合梁设计与分析(王璇, 陈万里)
- 106 柔性系杆钢管混凝土拱桥承载力分析(吴景科, 刘哲圆)
- 108 软弱围岩隧道施工监控量测及数据处理(马志国)
- 111 不等跨连续刚构桥梁荷载试验检测技术的发展与应用现状(史晓贞)
- 114 叶舞高速滑坡成因分析及处治方案设计(楚斌)
- 117 公路与桥梁混凝土的施工温度与裂缝防治(郑翔翔, 周延峰)
- 120 某高速公路K2段边坡滑坡分析及加固措施(周雨)
- 123 基于CORS的高精度GPS测量方法在公路测量中的应用(裴洪超)
- 125 城市市政道路施工存在的问题及预防措施(孟占领)
- 128 无损检测技术在桥梁桩基检测中的应用研究(杨蕊)
- 130 新规范下市政雨水泵站设计技术要点分析(陈蕴)
- 133 城市轨道交通直流框架保护动作应急处理研究(赵海欧)
- 136 某边坡崩塌落石运动特征分析(宋波)
- 139 GPS技术在水利工程勘察中的应用(王阳明)
- 141 水资源利用效率区域差异及影响因素探讨(何忠奎, 盖红波)
- 143 水泥混凝土路面结构可靠性设计及评估(牛义昌, 胡延海)

环境工程设计

- 146 试析环境监测技术与生态可持续发展的关系(张希成)

智能与信息化

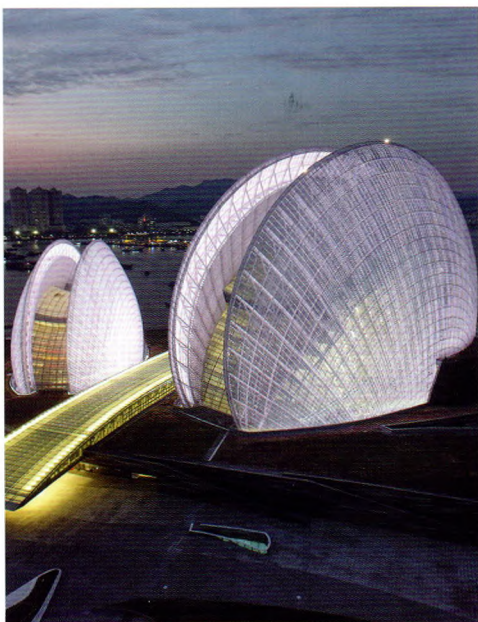
- 148 VBA在地基处理桩号自动编写中的应用(张海蛟, 纪晓雨)
- 151 基于大数据的交通信号实时优化研究(张晗寒, 梁禹民, 陶世宁, 韩旭)

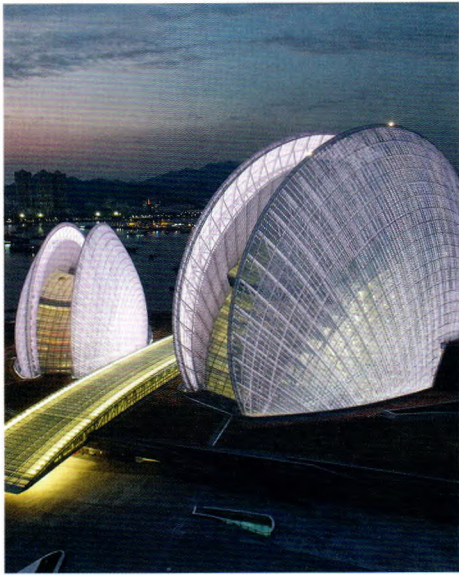
工程施工技术

- 153 桥梁工程中过渡段软土路基的施工技术(刘俊江)
- 156 基于WEB的塔式起重机安全监测系统探索(陈勇)
- 158 明挖暗埋隧道施工方案优化分析(田川江, 裴宗文)
- 161 偏压浅埋隧道洞口的施工技术(刘太平)
- 163 公路桥梁钻孔灌注桩施工技术及其质量控制解析(海宇锋)
- 166 交通工程工地试验室的建立与运行(方怡)
- 168 冲击碾压技术在公路填方路基工程中的应用研究(唐成洲)
- 171 谈快硬混凝土在桥伸缝混凝土修补中的应用(段宾)
- 173 枫溪大桥引锚式悬索桥施工技术与控制(佟立春, 李小蒙)
- 176 水泥混凝土路面施工质量的控制(张莉娟)
- 178 无缝铁路施工技术要点在铁路既有线改造中的应用(梅峰)
- 181 沙特延布景观绿化自动灌溉系统的施工工艺(杨俊甲)
- 184 绿色施工技术在建筑工程中的应用(倪天鹏, 陈勇)
- 186 公路路基工程中气泡混合轻质土的施工技术(刘志川)
- 189 浅析冬季道路桥梁施工中混凝土浇筑技术(邢冀楷)

工程项目管理

- 192 道路桥梁工程造价的影响因素及控制(陈晨)
- 194 基于信息时代的高速公路机电工程施工监理工作方法(李润华)
- 197 关于电力建设工程监理工作的论述(杨国峰)
- 199 如何改进信息化条件下的档案管理工作(杨雪松)
- 201 公路工程施工环节机械设备优化配置管理探讨(王志雨)
- 204 高速公路建设项目合同管理研究(康玮)





Architectural and Structural Design

- 21 Study on Green Building Evaluation System of Industrial Building WANG Sheng, WANG Zheng, YANG Chen
 24 Application of Steel-bars Truss Deck in Lithium Battery Factory(LIU Yan-chang, LI Chang-ting, LI Yi-wei, WANG Yong-liang)
 27 Post Tensioning Method of Prestressed Simply Supported T Beam Anti Arch Setting(ZHANG Hua-xun)
 30 Research and Discussion on Roof Structure Design of A Double Layer Concentration Workshop(YUE Yong-bing)
 32 The Analysis of the Welding Deformation Control Skill on the Large-scale Steel Structure(ZHOU Li-hong)
 35 Large Chassis Design and Calculation Analysis of Multi-tower Structure (CHU Huan-huan)
 38 The Key Technology of Photogrammetry in Engineering Application (HUANG Yong-cheng)
 40 The Design of the New Modern Medical Building (BAO Jian-yong, ZHANG Li-juan, WANG Xiao-qian)
 47 Planning and Architectural Design of Modern High Rise Residential Quarters
 ——Take Evian Town Planning and Architectural Design as an Example (YU Xiao-xia, SHEN Xiao-feng)
 50 Application of Steel Reinforced Concrete in Structural Design of Petrochemical Industry (RAN Yan-hua)
 52 Case Study of Reinforced Concrete Structure Strengthening Methods Selection(HE Yong-chao)
 54 Analysis and Discussion of a Complex High-rise Building Structure Design (CHEN Hao-ze)
 57 Some Problem Analysis of Building Structure Seismic Design (ZHAO Gang)
 59 Some Problem Analysis of building Structure Seismic Design (WANG kun, LIANG Chen)
 61 Urban Planning Exhibition Hall Construction Design and Analysis (ZHANG Xiao-san)
 64 The Heat Energy Saving Design of Buildings(TANG Hui-hua, SU Jiang)
 66 Semi Rigid Column Base Joint Geometric Nonlinear Analysis of Portal Frame(WANG Lin-lin)
 68 Green Building Energy Saving Technology and Its Application of Residential and Landscape Design(LIU Dong-xiao)

Engineering Design of the Ground

- 71 Taiping Mineral Fracture Structure Research of Water Inrush Risk(XU Pei, CHEN Liang-liang, GAO Yong)
 74 Analysis and Discussion of the Subgrade Coefficient Obtained by Plate Dilatometer Test(LIU Sheng-cai, CAO Yi-ming)
 76 Permeability Coefficient Calculation Research of Homogeneous Soil Above Groundwater Level(QIAN Cai-fu)

Public Utilities Design

- 79 Analysis of the Design and Maintenance of High-voltage Transmission Line(LV Wen)
 81 Gathering and Transportation Process Technology Research for Linxing Pilot Test Coalbed Methane Area(Li Peng-cheng, ZHANG Zi-bo, LIANG Jin-ying)
 84 Analysis of the Rural Tourism Development Planning ——Take Yixing West BaiDa Village Nagisa Town Planning as an Example (GUI Hui-liang)
 87 Fusion Discussion of Ecological Planning and the Urban Planning(LIU Meng)
 89 Electric Vehicle Charging Piles Settings in Civil Architecture (CHEN Xiao-qing)
 91 The Application and Research of OPC Technology in Terminal Power Monitoring System (LI Heng)

Municipal · Traffic · Water Resources · Engineering Design

- 94 Theoretical Studies on the Feasibility and Error of Trigonometric Leveling for High Bridge Pier in the Mountain Area(CAO Fu)
 97 Study on Treatment of Common Diseases in Asphalt Pavement of Expressway(XIANG Xing-han)
 100 Typical Diseases and Related Maintenance and Management Measurements for Highway Concrete Bridges (LIU Chang-qian)
 103 Prefabricated Steel-Concrete Box Composite Beam Design and Analysis(WANG Xuan, CHEN Wan-li)
 106 Bearing Capacity Analysis of Concrete Arch Bridge with Flexible Tied Steel(WU Jing-ke, LIU Zhe-yuan)
 108 Monitoring Measurement and Data Processing in Tunnel Construction of Soft Surrounding Rock (MA Zhi-guo)
 111 Development and Application Status of Load Test Technology for Bridge with Unequal Span Continuous Rigid Frame (SHI Xiao-zhen)
 114 Causes Analysis and Treatment Scheme Design of Yewu Highway Landslide (CHU Bin)
 117 Construction Temperature and Cracks Prevention of the Highway and Bridge Concrete (ZHENG Xiao-xiang, ZHOU Yan-feng)
 120 Analysis and Reinforcement Measures Regarding the Slope Landslide of K2 Section of an Expressway (ZHOU-Yu)
 123 High Precision GPS Measurement Method Based on the CORS Application in Highway Survey (PEI Hong-chao)
 125 Existing Problems and Measures for Urban Road Construction (MENG Zhan-ling)
 128 Application of Nondestructive Testing Technology in Bridge Pile Foundation Inspection (YANG Rui)
 130 Rainwater Pump Station Design and Technology Analysis Under the New Specification Municipal (CHEN Yun)
 133 Research on Emergency Treatment of DC Frame Protection for Urban Rail Transit(ZHAO Hai-ou)
 136 Analysis of A Slope Rockfall Movement Characteristics(SONG Bo)
 139 The Application of GPS Technology in Water Conservancy Engineering Investigation(WANG Yang-ming)
 141 Regional Differences and Influencing Factors of Water Use Efficiency (HE Zhong-kui, GAI Hong-bo)
 143 Cement Concrete Pavement Structural Reliability Design and Evaluation (NIU Yi-chang, HU Yan-hai)

Environment Engineering Design

- 146 Environmental Monitoring Technology and the Sustainable Development of Ecological Between (ZHANG Xi-cheng)

Intelligence and Information Technology

- 148 The Application of Auto-numbering in Pile Construction by VBA Programming (ZHANG Hai-jiao, JI Xiao-yu)
 151 Real-time Optimization of Traffic Signals Base on Large Data (ZHANG Han-han, LIANG Yu-min, TAO Shi-ning, HAN Xu)

Construction Technology

- 153 Construction Technology of Soft Soil Subgrade in Transition Section of Bridge Engineering (LIU Jun-jiang)
 156 To Explore the Tower Crane Safety Monitoring System Based on WEB (CHEN Yong)
 158 Optimization Analysis of Construction Scheme of Open Cut Tunnel (TIAN Chuan-jiang, PEI Zong-wen)
 161 Construction Technology of Shallow Buried Tunnel with Bias Voltage (LIU Tai-ping)
 163 Analysis on Construction Technology and Quality Control of Bored Pile in Highway Bridge (HAI Yu-feng)
 166 Establishment and Operation of the Laboratory of Traffic Engineering Construction Site (FANG Yi)
 168 Study on the Application of Impact Rolling Technology in Subgrade Engineering (TANG Cheng-zhou)
 171 Talk About Rapid Hardening Concrete Application in the Bridge Expansion Joint Concrete Repair (DUAN Bin)
 173 Maple Creek Bridge Self-anchored Suspension Bridge Construction Technology and Control (TONG Li-chun, LI Xiao-meng)
 176 On the Construction Quality Control of Cement Concrete Pavement (ZHANG Li-juan)
 178 The Application of Seamless Railway Construction Technology Key Points in Existing Railway Lines Transformation (MEI Feng)
 181 The Construction Technology of Saudi Yanbu Landscaping Automatic Irrigation System (YANG Jun-jia)
 184 The Application of the Green Construction Technology in Construction Engineering (NI Tian-peng, CHEN Yong)
 186 Construction Technology of Air Bubble Mixed Light Soil in Highway Subgrade Engineering (LIU Zhi-chuan)
 189 Concrete Construction Technology in Winter Road and Bridge Construction (XING Ji-kai)

Project Management

- 192 The Influence Factors and Control of the Cost of Road and Bridge Engineering (CHEN Chen)
 194 Highway Mechanical and Electrical Engineering Construction Supervision Work Method Based on Information Age (LI Run-hua)
 197 About Electric Power Construction Project Supervision Work (YANG Guo-feng)
 199 How to Improve the Information Under the Condition of Archives Management Work (YANG Xue-song)
 201 Discussion on Optimal Allocation and Management of Mechanical Equipment in the Construction of Highway Project (WANG Zhi-yu)
 204 Research on Contract Management of Expressway Construction Project (KANG Wei)

INFORMATION

- 03 "The state council released<The national land planning outline (2016 ~ 2030)>"Etc. 25

FORUM

- 09 The smoothness of asphalt pavement construction quality control analysis
 11 Construction technology of soft soil foundation in highway bridge construction
 13 Analysis and Countermeasure of Rotary Air Preheater of Air Leakage
 15 About the construction site to perform the laboratory analysis of existing problems and countermeasures
 17 Study on design and construction of high rise building foundation on Karst Foundation
 19 The application of the 3D visualization in electric power safety construction



中国中元国际工程有限公司

CHINA IPPR INTERNATIONAL ENGINEERING CO., LTD.



广告

地址：北京市西三环北路5号 邮编：100089 电话：(010) 68458355 传真：(010) 68732688 网址：<http://www.ippr.com.cn> 邮箱：office@ippr.net