

ISSN 1671-1637
CN 61-1369/U
CODEN JYGXAS

交通运输工程学报

JOURNAL OF TRAFFIC AND TRANSPORTATION ENGINEERING

第 22 卷 2022
第 5 期

ISSN 1671-1637



Vol. 22 No. 5
中国·西安

目 次

无伸缩缝桥梁研究综述

…… 陈宝春,黄福云,薛俊青,罗小烨,庄一舟,刘永健,徐 明,赵秋红,BRISEGHELLA Bruno (1)

模拟酸雨侵蚀环境下钢筋混凝土结构长期性能研究综述

…………… 任青阳,靳红华,肖宋强,王飞飞,陈 斌 (41)

再生粗骨料混凝土干燥收缩特性理论模型

…………… CHOI Donguk, ENKBOLD Odontuya, YANG Sungchul (73)

陕西地区混凝土无伸缩缝桥梁的温度作用及其区划

…………… 刘永健,马志元,刘 江,朱伟庆,王 旭,李明辉 (85)

全无缝桥梁用掺橡胶粉 LEM-SHCC 路桥连接板拉伸性能及其应用

…………… 占雪芳,王 宪,严亨利,赵怡彬,石缘圆(104)

整体式斜交桥中桥台钢桩地震响应

…………… 赵秋红,郭浩猛,董 硕,王晴薇,陈宝春,周勇军(119)

基于中长期环境温度变形效应的半整体桥台-土相互作用试验

…………… 黄福云,刘征峰,宋大好,林志平,陈宝春(131)

整体桥 H 型钢-RC 阶梯桩与土相互作用拟静力试验

…………… 庄一舟,宋琨生,宋永青,陈国栋,黄福云,陈 良(145)

整体式桥台后土压力累积效应反分析

…………… 徐 明,林勇志,周文轩(163)

水平往复大位移作用下整体桥台后土压力计算方法

…………… 李 岚,黄福云,张 峰,刘征峰,陈 伟(173)

埋入式 H 型钢桩-桥台节点受弯性能与承载力

…………… 朱伟庆,时豪辉,张冠华,刘永健,刘佳桐(184)

波形钢腹板-钢管混凝土桁式弦杆组合梁桥疲劳性能

…………… 陈康明,黄汉辉,吴庆雄,陈宝春(200)

下承式拱桥合理拱轴线的解析解与计算方法

…………… 张国靖,刘永健,刘 江(217)

强腐后 Q345 钢力学性能退化试验

…………… 乔文靖,杨 帆,胡启涵,张 浩,焦雪峰(231)

CONTENTS

Review on research of jointless bridges

..... CHEN Bao-chun, HUANG Fu-yun, XUE Jun-qing,
LUO Xiao-ye, ZHUANG Yi-zhou, LIU Yong-jian, XU Ming, ZHAO Qiu-hong, BRISEGHHELLA Bruno (1)

Review on long-term performance of reinforced concrete structures under simulated acid rain erosion environments

..... REN Qing-yang, JIN Hong-hua, XIAO Song-qiang, WANG Fei-fei, CHEN Bin (41)

Theoretical model of drying shrinkage behavior of recycled coarse aggregate concrete

..... CHOI Donguk, ENKHBOLD Odontuya, YANG Sungchul (73)

Temperature action and zoning of concrete jointless bridge in Shaanxi

..... LIU Yong-jian, MA Zhi-yuan, LIU Jiang, ZHU Wei-qing, WANG Xu, LI Ming-hui (85)

Tensile performance and application of LEM-SHCC road-bridge link slab mixed with rubber powder for

fully jointless bridge ZHAN Xue-fang, WANG Xian, YAN Heng-li, ZHAO Yi-bin, SHI Yuan-yuan (104)

Seismic responses of abutment steel piles in integral skewed bridges

..... ZHAO Qiu-hong, GUO Hao-meng, DONG Shuo, WANG Qing-wei, CHEN Bao-chun, ZHOU Yong-jun (119)

Test on interaction of semi-integral abutment and soil based on displacement effect of medium-long-term

ambient temperature HUANG Fu-yun, LIU Zheng-feng, SONG Da-hao, LIN Zhi-ping, CHEN Bao-chun (131)

Quasi-static test on H-shaped steel-RC stepped pile-soil interaction of integral bridge

..... ZHUANG Yi-zhou, SONG Kun-sheng, SONG Yong-qing, CHEN Guo-dong, HUANG Fu-yun, CHEN Liang (145)

Back analysis of build-up effect of earth pressure behind integral abutment

..... XU Ming, LIN Yong-zhi, ZHOU Wen-xuan (163)

Calculation method for earth pressure behind integral abutment under horizontal reciprocating large displacement

..... LI Lan, ZHANG Feng, HUANG Fu-yun, LIU Zheng-feng, CHEN Wei (173)

Flexural performance and capacity of embedded H-shaped steel pile-abutment joint

..... ZHU Wei-qing, SHI Hao-hui, ZHANG Guan-hua, LIU Yong-jian, LIU Jia-tong (184)

Fatigue performance of composite girder bridge with corrugated steel webs-concrete filled steel tubular truss chords

..... CHEN Kang-ming, HUANG Han-hui, WU Qing-xiong, CHEN Bao-chun (200)

Analytical solution and calculation method of reasonable arch axis of through arch bridge

..... ZHANG Guo-jing, LIU Yong-jian, LIU Jiang (217)

Experiment on mechanical property degradation of Q345 steel after strong corrosion

..... QIAO Wen-jing, YANG Fan, HU Qi-han, ZHANG Hao, JIAO Xue-feng (231)