

# 学术报告

报告题目: **An Introduction to Civil Engineering at Wayne State and to the Potential of Alternative Intersection Designs**

演讲人: **Joseph Hummer**, Dean and Professor of  
Civil and Environmental Engineering at Wayne State University in Detroit

地点: 安中大楼 A-326

时间: 2014 年 5 月 27 日上午 10:00-10:50

## 报告摘要:

Joe will begin by introducing the civil and environmental engineering program at Wayne State University. He will then discuss his research in alternative intersection designs, particularly how well they could apply in China. Several of the designs, including the superstreet and the median u-turn, have the potential to help make Chinese streets safer and more efficient for vehicles, pedestrians, and bicyclists.

## 报告人简介:



Dr. Joseph Hummer is Professor and Chair of Civil and Environmental Engineering at Wayne State University in Detroit, MI. He taught and researched traffic safety, traffic operations, highway design, and transportation policy at NC State University from 1992 to 2012 before moving to Wayne State. Joe has been author or co-author of 80 peer-reviewed papers in a variety of journals, nine book chapters, and over 150 other publications. He has been Principal Investigator or Co-PI on 55 funded research projects for a variety of Federal, state, regional, local, and private sponsors. Joe has a PhD from Purdue University and Bachelors and Masters degrees from Michigan State University.

Joe is one of the world's leading researchers in the area of alternative intersections and interchanges. He started researching alternative designs in 1990, and first published a paper on them in 1993. His two-part series in the *ITE Journal* in 1998 was one of the first papers to draw wide attention to this area. Joe has invented and published two new intersection designs and two new interchange designs. He was a co-author of the FHWA publication "Alternative Intersection and Interchange Informational Report". Joe was principal investigator on the large Federal project to examine the operational and safety effects of diverging diamond interchanges. He recently completed the largest evaluation to date on the operations and safety of superstreet intersections.

交通工程研究所

2014 年 5 月 25 日