



# CENTER FOR INFRASTRUCTURE ENGINEERING STUDIES

Travel Support to Establish the  
Center for Transportation Security (CTS)

By

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**UTC  
R149**

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16. Abstract This project will provide travel support for the PI, who must travel to various cities to set up the new Center for Transportation Security (CTS). Cities visited include San Diego, CA; Vicksburg, MS; Naples, Italy; and Fort Knox, KY.					
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**Final Report:**  
**Travel Support to Establish the Center for Transportation Security**  
**Dr. Sam A. Kiger, PE**

**Summary:**

This project will provide travel support for the PI, who must travel to various cities to set up the new Center for Transportation Security (CTS).

**Activities:**

***San Diego, CA***

May 16–19, 2005

PI traveled to San Diego, CA, to participate in a Bridge Security Workshop. At this meeting he met with officials from TSWG along with researchers from University of California-San Diego and the Energetic Materials Research Center at New Mexico Tech to discuss development of the CTS. Several faculty from UMR also participated in this workshop.

***Vicksburg, MS***

August 14–17, 2005

PI met with researchers at the Army Research and Development Center (ERDC) in Vicksburg, MS. He also met with researchers at ERDC to discuss developing a cooperative research agreement between the CTS at MU and ERDC.

***Naples, Italy***

October 15–19, 2005

PI visited Naples, Italy, to participate in a workshop on blast effects on bridges. At this workshop, he worked with researchers from Italy and UMR to discuss explosive tests simulating terrorist bombs on bridges. Program managers from TSWG also attended this meeting.

***Vicksburg, MS***

December 21–27

PI traveled to the Army Research and Development Center in Vicksburg, MS, to meet with James Ray at ERDC to discuss development of a terrorist vulnerability inspection manual for use by state departments of transportation bridge inspectors to quickly assess the bridge vulnerability.

***Fort Knox, KY***

December 21–27

During the December trip, PI also visited Fort Knox, KY, to participate in a FHWA pooled fund study high explosive test on bridge components. Several state transportation departments in cooperation with the federal department of transportation have pooled funds to fund research on blast mitigation for bridges. High explosive testing on bridge components is being conducted by ERDC at Fort Knox, KY. As director of the CTS I was invited to participate in these tests. I met with FHWA officials to discuss future funding for the CTS at this meeting.