

## UNIVERSITY OF KANSAS

**Committee Review Results - Application for Exemption Policy on Restricted Research**

**Title of project:** Defining the Boundary Conditions for Composite Behavior of Geosynthetic Reinforced Soil (GRS) Structures

**Name of principal investigator or project director:** Jie Han, CEAE

**Source or sources of funds for support of project:**  
NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP)

**Requested exemption for:**

- "Dual use" science or technology that has primarily harmful consequences for human beings
- Restrictions on Research:
- Extended delay of Publication
  - Total or Indefinite Delay of Publication
  - Limitation of access by foreign scholars, faculty, or staff
  - Restriction of access to campus facilities

**Action by the Restricted Research Committee:**

X APPROVAL      DISAPPROVAL

  X   Involves unique University capabilities.

       Has very substantial scholarly or educational benefits.

  X   Constitutes a very substantial public service.

**Justification:**

The National Cooperative Highway Research Program (NCHRP) is conducting a study to determine the boundary conditions for compositions of geosynthetic-reinforced soil for use in abutments. The CEAE Department at KU has an international reputation in geosynthetic-reinforced earth walls that is exceptionally well suited to participate in this study (as evidenced by their successful competition to be included in this study). The results will inform specifications that will be used by the American Association of State Highway and Transportation Officials. Thus, this project involves both unique University capabilities and will provide a substantial public service. The committee felt that these items justified a potential publication delay that seemed to just require written authorization if the data is used prior to it being published by NCHRP.

**Date of Referral:** 12/2/2014

**Date of Approval:** 12/10/14

**Committee:**

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