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February 23, 2015

City of Houston  
Public Works and Engineering  
611 Walker St., 14<sup>th</sup> Floor  
Houston, Texas 77002

Attention: Mr. Mike H. Pezeshki, P.E.  
Managing Engineer

Subject: Endorsement of Proposed Research on Polymer Stabilized Cohesive Soils

Mr. Pezeshki,

This letter serves to indicate ACEC Houston's support of the research proposed by Dr. Vipulanandan, faculty member in the geotechnical engineering department at the University of Houston. The research will focus on assessing the effectiveness of using polymers to stabilize pavement subgrades consisting of cohesive soils within the City of Houston. We recognize that the research study will consist of seven tasks including a review of existing literature on the topic, laboratory testing, and monitoring a test section constructed by the City of Houston.

Given the extensive area of the city affected by high plasticity cohesive soils, we believe researching alternative approaches to stabilizing subgrade soils having a high shrink-swell potential could benefit the City of Houston.

Very truly yours,  
ACEC Houston

A handwritten signature in black ink that reads "Joseph M. Cibor".

Joseph M. Cibor, P.E.

Chair – Geotechnical Committee

Distribution: Addressee

ACEC Houston: Mr. Jeff Collins, P.E.; Ms. Chris Lindsay; Mr. Jay Sunderwala, P.E.

*American Council of Engineering Companies- Houston*

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# **TCEL/Geopprofessionals Serving Texas**

## **Houston Chapter**

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February 4, 2015

TO WHOM IT MAY CONCERN

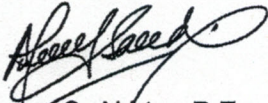
**Subject:** Proposed Research on Polymer Treated Cohesive Soils

This letter is to support the proposed research to study polymer treatment (stabilization) of cohesive soils to be used as paving subgrade for City of Houston. We understand that City of Houston is proposing a research program in partnership with the University of Houston to study the effect of polymer treatment on cohesive soils.

TCEL/Geopprofessional Serving Texas (TCEL) is an organization with a mission to advance and promote our Geotechnical Engineering and Construction Materials Engineering and Testing services industry. We believe such a research, if successful, will offer benefits to the general public with improved roadways that may require less maintenance.

The Houston Chapter of TCEL supports the research being proposed by the City of Houston.

Very truly yours,  
TCEL/Geopprofessionals Serving Texas



Anwar S. Akhtar, P.E.  
Past President – Houston Chapter

Distribution: Mr. Mike Pezeshki, P.E. (via e-mail)  
TCEL-Houston Board Members