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**Revised Class I Cultural Records  
Files Search, Research Design, and  
Survey Methodology for the  
Nebraska Portion of the Proposed  
TransCanada Keystone Pipeline**

Prepared by

SWCA Environmental Consultants

March 9, 2006

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## Revised Class I Cultural Records Files Search, Research Design, and Methodology for the Nebraska Portion of the Proposed TransCanada Keystone Pipeline

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## INTRODUCTION

A cultural resources survey will be conducted for the Nebraska portion of the proposed TransCanada Keystone Pipeline, and this document provides revised results of a Class I files search following the adjustment of the proposed centerline. The proposed pipeline corridor enters Nebraska in Cedar County south of Yankton, South Dakota and heads southward through Nebraska, leaving the state south-southeast of Odell, Nebraska in Gage County. The Nebraska portion of this pipeline is approximately 213.01 miles (342.95 km) long and involves 10 counties (Cedar, Wayne, Stanton, Platte, Colfax, Butler, Seward, Saline, Jefferson, and Gage [north to south]). The proposed centerline enters the state at milepost (MP) 432.03 and exits at MP 645.04.

Two Class I files searches were conducted by the Nebraska SHPO (René Botts). The first was conducted between 1/6/06 to 1/11/06 at the request of SWCA. The GIS centerline shapefile was provided to the Nebraska SHPO on 1/6/06 and a buffer of one mile on either side of the centerline was used to gather the results of the files search. The files search results were provided to SWCA on 1/12/06 and a Class I report was produced shortly thereafter (Burnett and Slessman 2006). Following this files search and Class I report, the proposed pipeline centerline was altered slightly and a revised centerline was given to SWCA by ENSR on 3/2/06. A second small files search was required to accommodate this shift, and was conducted on 3/8/06. In addition to the files searches, a General Land Office (GLO) map search was conducted by SWCA (Paul Burnett) to supplement the files search with additional information regarding cultural resources on or near the proposed centerline. The results are presented below.

## PREVIOUS ARCHEOLOGICAL SURVEYS

A total of 56 separate survey projects have been conducted within the current Class I corridor (Table 1), involving approximately one percent of the corridor area. With this small amount of previously surveyed area, the presence or absence of sites in these areas is not particularly informative with regard to predicting the locations of as yet unidentified archeological sites along the proposed corridor.

**Confidential Information removed from document**

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