

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA**

**In the Matter of the Application by TransCanada Keystone Pipeline, LP for a
Permit under the South Dakota Energy Conversion and Transmission Facility Act
to Construct the Keystone XL Project**

DOCKET HP09-001

STAFF'S SECOND DATA REQUEST

May 22, 2009

- 2-1. Please provided estimated time schedules for accomplishment of major events in the commencement and duration of the proposed facility per ARSD 20:10:22:22. Provide the same information for each construction spread in South Dakota.

Description	Start	End
2011 Mobilization	04/15/11	05/15/11
Spread 5	04/15/11	05/14/11
Spread 7	04/15/11	05/14/11
2012 Mobilization	04/16/12	05/15/12
Spread 4	04/16/12	05/15/12
Spread 6	04/16/12	05/15/12
Spread 8	04/16/12	05/15/12
2011 Construction	05/16/11	10/12/11
Spread 5	05/16/11	10/12/11
Spread 7	05/16/11	10/12/11
Final Clean Up for 2011 Spreads	08/29/11	10/12/11
Spread 5	08/29/11	10/12/11
Spread 7	08/29/11	10/12/11
Complete T&E Species Exclusion Windows & HDD Crossings	09/15/11	12/15/11
Spread 4	09/15/11	12/15/11
Spread 6	09/15/11	12/15/11
Spread 8	09/15/11	12/15/11
2012 Construction	05/16/12	10/12/12
Spread 4	05/16/12	10/12/12
Spread 6	05/16/12	10/12/12
Spread 8	05/16/12	10/12/12
Final Clean Up 2012 Spreads	10/13/12	11/30/12
Spread 4	10/13/12	11/30/12
Spread 6	10/13/12	11/30/12
Spread 8	10/13/12	11/30/12

- 2-2. Please provide the total number of open cuts across public gravel and the total across public paved roads.



Keystone does not anticipate the open cutting of any public gravel or paved road. Site visits confirm that successful road bores should be achievable at all public roads. Private roads will likely be crossed by open cutting.

- 2-3. Please provide the total estimated cost of the road restoration for all public road open cuts and the total estimated cost for road restoration of all public paved road open cuts.

This is not applicable, as Keystone will not open-cut any public roads.

- 2-4. What is the average width of an open cut across a road? (Not road width but length of road disturbed by the open cut.)

Again, Keystone does not anticipate open cutting of any public roads. Open cutting of private roads is a function of the pipe diameter. For the 36-inch Keystone XL project, it is anticipated that the length of disturbance along the private road would be 12 feet.

- 2-5. SCDL 49-41B-38 requires an indemnity bond for damage to roads and bridges. Propose an equitable amount for said bond and provide the basis for determining that amount.

In the Keystone Pipeline proceeding, the Commission adopted an indemnity bond amount based on 10 percent of the value of construction in South Dakota for each year of construction, as recommended in Witness Muehhausen's testimony and report. For the Keystone XL project, the total construction costs for South Dakota are approximately \$312,000,000. Accordingly, using the Commission's Keystone approach, Keystone suggests a \$15,600,000 indemnity bond each for 2011 and 2012.

- 2-6. Provide an estimate of the number of miles of gravel or stone surfaced roads that may require grading and/or replenishment of the surface materials due to deterioration from pipeline construction traffic.

The total estimated number of miles of gravel or stone surfaced roads that will be utilized during construction is approximately 600 miles. Based on experience from a previous project in North Dakota, approximately 50% or 300 miles of the roads may require grading and/or replenishment of the surface materials due to deterioration from pipeline construction traffic.

- 2-7. Provide an estimate of the cost of the grading and replenishment in the previous question.

An estimate of the cost of the grading and replenishment in question 2-6 is in the range of \$3,168,000 to \$3,326,400