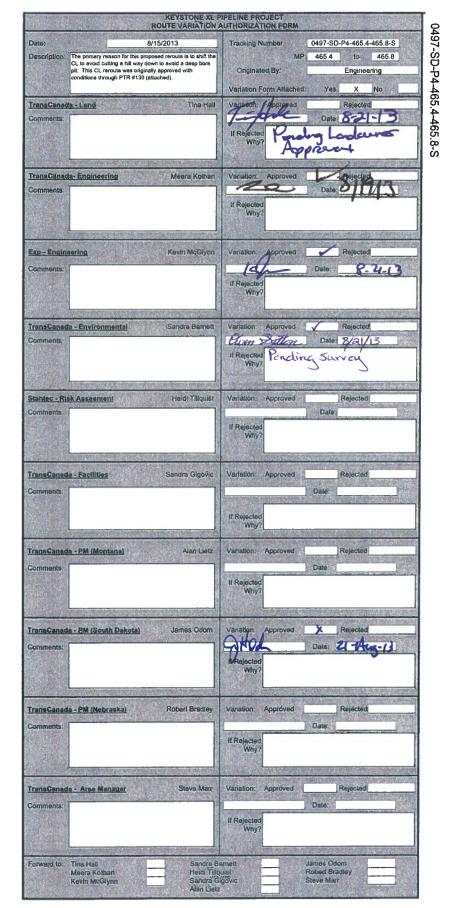
			XL PIPELINE PROJE			
ARIATION TYPE:	Refinement:	Reroute:	X	Footprint		Design:
	Centerline: X	Pump Station:		Valve Site:		CAR:
		i unp otation.	·	valve olie.		
OCATION:	Sketch:	Atta	ached	Pictures	N/A	
State:	SD Cou	inty: Haakon		Quad Map:	N/A	
Township:	003N Rai	nge: 022E	]	Aerial Map	See attached ma	p sheet
Section:	021, 028, 027	Centerline:	6/11/2013	MP	465.41	to <u>465.78</u>
REASON FOR ROU	TE VARIATION (Please	include reason for route	e variation):			
approved with conditi	or this proposed reroute ons through PTR #130 ( n proposed by Engineerii	attached).				CL reroute was originally civil survey).
	RIATION (Please describ	a route veriation in date	-11).			
	•		,	s straight south	east for ~1.875 ft.	, rejoining the current CL
	reroute essentially straig			o ou aigint oo aa		
ML-SD-HK-01170.00 ML-SD-HK-01190.00						
This RV has been civ	<b>CTS</b> (Please include any ril surveyed, but a section /.					additional requiring
This RV has been civ environmental survey	il surveyed, but a section	n of the new reroute is c		ts of environme	ntal survey, thus	
This RV has been civ environmental survey Is there an increase/c	il surveyed, but a section	n of the new reroute is c			ntal survey, thus	additional requiring
This RV has been civ environmental survey Is there an increase/c	il surveyed, but a section	n of the new reroute is c		ts of environme	ntal survey, thus	
This RV has been civ environmental survey s there an increase/c f yes, please list:	il surveyed, but a section	n of the new reroute is o		ts of environme	ntal survey, thus	
This RV has been civ environmental survey Is there an increase/o If yes, please list:	il surveyed, but a section /. decrease in the number of posts incurred or saved fro	n of the new reroute is o	outside the current limi	ts of environme	ntal survey, thus	NoX
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4 LAND / TransCanada	Tina Hall		
a) Is a new landowner affected by the proposed variation?	Yes		No X
b) Is the affected landowner/tract a possible condemnation?	Yes		No X
c) Does proposed route variation impact Tribal Lands?	Yes		No X
d) Does proposed route variation impact any Federal/State Land			No X
-If yes, name type (i.e. USFWS, BLM, etc.):	101		
		×	No
e) Is proposed realignment outside the easement/workspace?	Yes		No
f) Is realignment proposed to satisfy landowner request?	Yes		No <u>X</u>
-If yes, name of landowner(s)/track number(s):			
g) Has all the evaluation criteria been examined/provided for this sp	ecific discipline? Yes	X	No
If no, please explain why:			
5 ENGINEERING/CONSTRUCTION - TransCanada	Meera Kothari		
a) Maximum deviation perpendicular to proposed alignment:		194	
b) Does variation (CL) (including workspaces) falls within 500 ft	. MDEQ Corridor? Yes	N/A	No N/A
c) Has the centerline been staked for construction?	Yes		No <u>X</u>
d) Does route variation affect HDD crossing alignment?	Yes		No <u>X</u>
e) Is realignment proposed for engineering/construction reasons?	Yes	X	No
f) Will the route variation require the relocation of a pump station?	Yes		No X
g) Has all the evaluation criteria been examined/provided for this sp	ecific discipline? Yes	X	No
If no, please explain why:			
6 ENVIRONMENTAL / TransCanada	Sandra Barnett		
a) Has the corridor been environmentally surveyed?	Yes	X	No
b) Has the proposed variation been environmentally surveyed?	Yes		No X
c) Does proposed route variation impact Sage Grouse areas?	Yes		No X
d) Does route variation impact ABB areas?	Yes		No X
e) Was variation proposed to satisfy environmental issues?	Yes		No X
f) Was realignment proposed to satisfy agency request?	Yes		No X
-If yes, name of agency(s):		,	
-If yes, name of agency(s): g) Environmental features:			
	Subtracted (-)		
g) Environmental features:	Subtracted (-)		
g) Environmental features:	Subtracted (-)		
g) Environmental features:			
g) Environmental features: Added (+):			
g) Environmental features: Added (+): Wetland ID # for newly impacted wetlands			
g) Environmental features: Added (+): Wetland ID # for newly impacted wetlands h) Has all the evaluation criteria been examined/provided for this sp			
g) Environmental features: Added (+): Wetland ID # for newly impacted wetlands h) Has all the evaluation criteria been examined/provided for this sp			 No
g) Environmental features: Added (+): Wetland ID # for newly impacted wetlands h) Has all the evaluation criteria been examined/provided for this sp			 No
g) Environmental features: Added (+): Wetland ID # for newly impacted wetlands h) Has all the evaluation criteria been examined/provided for this sp If no, please explain why:	ecific discipline? Yes	X	No X
<ul> <li>g) Environmental features:</li> <li>Added (+):</li> <li>Wetland ID # for newly impacted wetlands</li> <li>h) Has all the evaluation criteria been examined/provided for this sp If no, please explain why:</li> <li>7</li> <li>ENGINEERING / FACILITIES AND HYDRAULICS (if applicable)</li> </ul>	ecific discipline? Yes		
<ul> <li>g) Environmental features:</li> <li>Added (+):</li> <li>Wetland ID # for newly impacted wetlands</li> <li>h) Has all the evaluation criteria been examined/provided for this sp If no, please explain why:</li> <li>7</li> <li>ENGINEERING / FACILITIES AND HYDRAULICS (if applicable) a) Will the route variation require the relocation of a pump station?</li> </ul>	scific discipline? Yes	x	 NoX
<ul> <li>g) Environmental features:</li> <li>Added (+):</li> <li>Wetland ID # for newly impacted wetlands</li> <li>h) Has all the evaluation criteria been examined/provided for this sp</li> <li>If no, please explain why:</li> </ul> 7 ENGINEERING / FACILITIES AND HYDRAULICS (if applicable) <ul> <li>a) Will the route variation require the relocation of a pump station?</li> <li>b) Will route variation impact hydraulics?</li> </ul>	secific discipline? Yes Sandra Gigovic Yes Yes Yes		No X No X
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<ul> <li>g) Environmental features:</li> <li>Added (+):</li> <li>Wetland ID # for newly impacted wetlands</li> <li>h) Has all the evaluation criteria been examined/provided for this sp</li> <li>If no, please explain why:</li> <li>7 </li> <li>FNGINEERING / FACILITIES AND HYDRAULICS (if applicable) <ul> <li>a) Will the route variation require the relocation of a pump station?</li> <li>b) Will route variation impact hydraulics?</li> <li>c) Are additional valves required at HCA's or water crossing?</li> <li>d) Has all the evaluation criteria been examined/provided for this sp</li> <li>If no, please explain why:</li> </ul> </li> <li>8 <ul> <li>STAKEHOLDER RELATIONS / TCPL (if applicable)</li> <li>a) Does the variation require follow-up with specific stakeholder groups for the spec</li></ul></li></ul>	scific discipline? Yes Sandra Gigovic Yes Yes Yes Secific discipline? Yes Bud Andersen Yes Ups? Yes		No X No X No X No X No X No X
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g) Environmental features:          Added (+):         Wetland ID # for newly impacted wetlands         h) Has all the evaluation criteria been examined/provided for this sp         If no, please explain why:         If         Base explain why:         If         Added (+):         If no, please explain why:         If         If no, please explain why:         If         If no, please explain why:         If         Base explain why:         If no, please explain why:         If no, please explain why:         If no, please explain why:         Base explain why:         If no, please specify issue type (as it aligns to stakeholder group of the variation proposed to satisfy stakeholder request?         If yes, please specify issue type (as it aligns to stakeholder database d) Has all the evaluation criteria been examined/provided for this sp if no, please explain why:	secific discipline? Yes Sandra Gigovic Sandra Gigovic Yes Yes Yes Yes Bud Andersen Yes ips? Yes		No X No X No X No X No X No X No X No X
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0497-SD-P4-465.4-465.8-S

#### **KEYSTONE XL PIPELINE PROJECT**

1



Document Control Number: KXL10-00006-01-AA-180 (Form 2)

## **Ysela Love**

From:	Brad Smith < brad_smith@transcanada.com>
Sent:	Wednesday, August 28, 2013 6:28 PM
То:	Ysela Love; Mary Katherine Golding
Subject:	Fw: RV 0496-01 & 0497-01

Is this RV absolutely necessary?

Brad Smith Project Engineer Keystone Pipeline Project TransCanada t: 713.693.6407 | m: 832.301.1338 2700 Post Oak Blvd., Suite 400 Houston, TX 77056

----- Original Message -----From: Jones, Craig [mailto:Craig.Jones@universalpegasus.com] Sent: Wednesday, August 28, 2013 04:54 PM To: Brad Smith Subject: RV 0496-01 & 0497-01

### FYI

Met with L/O (Nelson) today to discuss RV's on his land. We staked out line of site, reviewed with L/O and made our case. L/O has rejected 0496-01 in favor of original line due to erosion concerns but has accepted 0497-01 as proposed.

Thanks

Craig

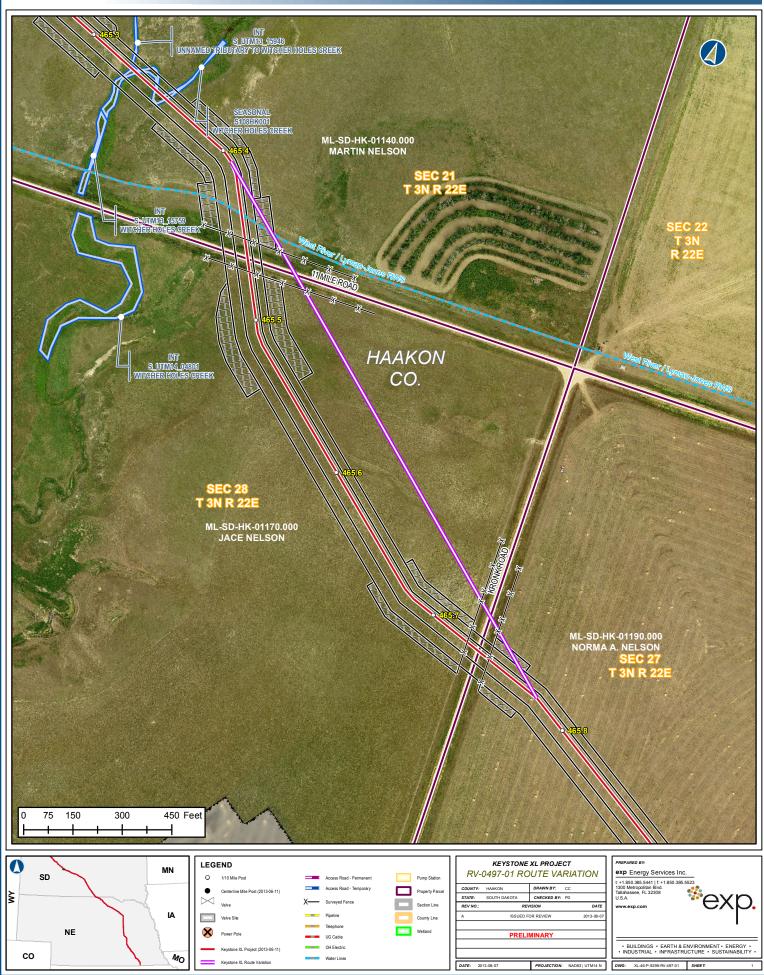
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TransCanada

RV-0497-01 PROPOSED ROUTE VARIATION 2009-2011 PICTOMETRY/2011 NAIP IMAGERY

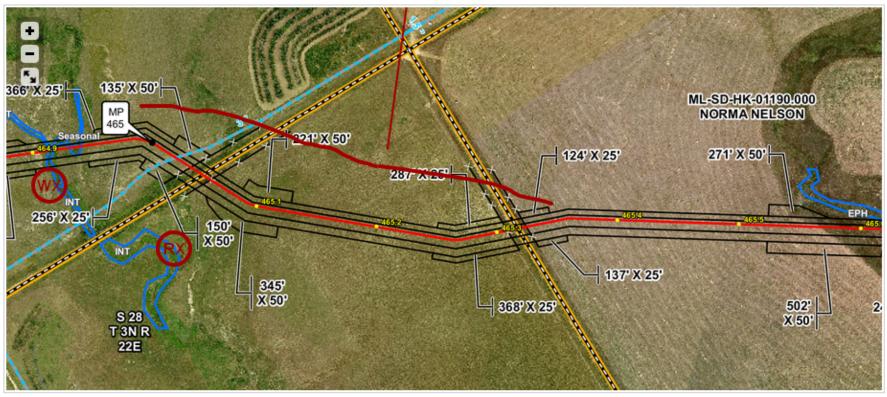




# **Change Variance Request**

PROJ	ECT NAME:	Keystone Pipeline Gulf Coast Project				
CONTRACTOR SPREAD:		MPS	PROJECT NO:	25472		
CONTRACT TITLE:			PTR #:	25472-KXL-CVR-MPS-00130		
SUBJECT:		SD-CL-47-RX				
INITIATOR:		Ploederl Benjamin (MPS Construe LLC)	ctors SOURCE (CRMP, Clause, Drawing #):	SD Map Book CL		
DATE CREATED: REQUIRED RESPONSE DATE: TRACT NO.: DOCUMENT STATUS VARIANCE FROM:		06-Nov-2012	SPREAD/LOCATION (MILEPOST):	MP465.11		
		01-Dec-2012	LANDOWNER:			
			TYPE OF CHANGE	Major		
		Approve with Conditions	ALIGNMENT SHEET/STATION NUMBER	135		
		Other OTHER:				
JUST	IFICATION	Craig Jones was looking into a po (see recon report) The north side of the road has a to keep from having to deep of a	waterline 25' off the fence line and a	hill that will need to be cut way dowr		
		(see recon report) Survey Type	Survey Results/Explanati	on Additional Survey		
$\boxtimes$	Cost/Schedule Impact			N		
	Civil Survey					
X	Cultural Survey					
X	T & E Survey					
	Wetlands Survey					
FINA	L DISPOSITION		ng results of additional environmental oproval. Landowner will need to exect			
	L DISPOSITION	reroute. Tentative landowner ap	pproval. Landowner will need to execu			
DOCI		reroute. Tentative landowner ap reroute when a sketch is issued.	pproval. Landowner will need to execu			
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DOCI APPR CVR -	UMENTS ATTACHED ROVALS Stag	reroute. Tentative landowner ap reroute when a sketch is issued. 25472-KXL-CVR-MPS-00130.pdf ge Koth	f Reviewer Name	Review Date		
DOCI APPR CVR -	UMENTS ATTACHED ROVALS Stag	reroute. Tentative landowner ap reroute when a sketch is issued. 25472-KXL-CVR-MPS-00130.pdf ge Kott	f Reviewer Name hari, Meera (TRANSCAN)	Review Date 12 Mar 2013		

Mp 465.1 11 mile rd, the north side of rd has a water line 25' off the fence and a hill that will need to be cut way down to keep from having such a deep bore pit. Not a good place for a road crossing , Craig Jones said he had turned in a reroute for this place last March . He was going to check on its status.



# Sheet 135