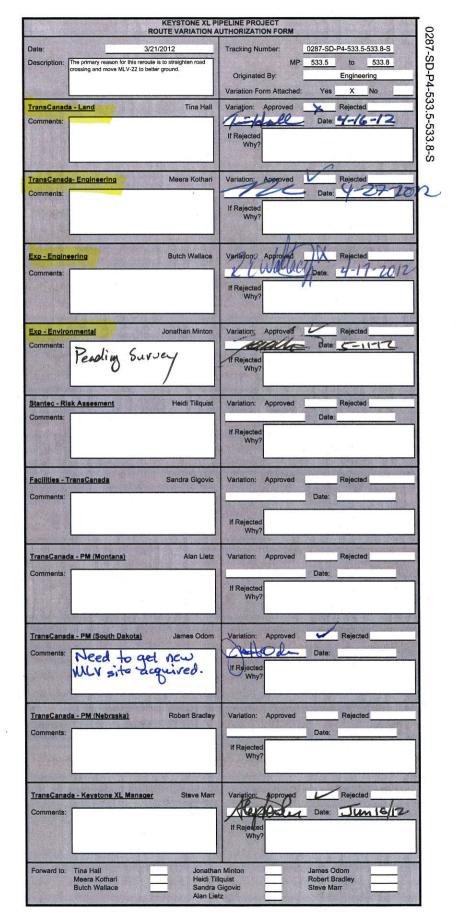
			XL PIPELINE PROJEC			
ARIATION TYPE: Refine	ement:	Reroute:	X	Footprint:	X	Design:
Cent	terline: X	Pump Station:	_	Valve Site:	X	CAR: X
	Sketch:			Pictures: se	e attached	
State: SD		Lyman		Quad Map: N		
Township: 104		79W			ee attached map	sheet
Section: 27, 2		Centerline:	3/14/2012	MP:	533.53	to 533.79
REASON FOR ROUTE VAR				round		
he reroute has been proposi	-	-	-			
ne reroute has been propos						
ETAIL ROUTE VARIATION	I (Please describe route	e variation in detail)):			
Route variation starts near MI				irection for ~750 ft.	Then the reroute t	urns east towards the
urrent CL and continues in th	hat direction for ~604 ft	to rejoin the CL ne	ear MP 533.8.			
· · · · · · · · · · · · · · · · · · ·			-	-	etc.):	
lo New Landowners are imp	acted by this route varia		-	-	etc.):	_
No New Landowners are impa NL-SD-LY-10160.000 (Thoma	acted by this route varia as Lands, Inc)	ation. Three tracts	are impacted by reroute	-	etc.):	
lo New Landowners are imp /IL-SD-LY-10160.000 (Thoma /IL-SD-LY-10145.000 and MI	acted by this route varia as Lands, Inc) L-SD-LY-10170.000 (bo	ation. Three tracts	are impacted by rerout	-	etc.):	
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lo New Landowners are impa ML-SD-LY-10160.000 (Thoma ML-SD-LY-10145.000 and MI Route Variation impact the re	acted by this route varia as Lands, Inc) L-SD-LY-10170.000 (bo location of MLV-22 and	ation. Three tracts oth tracts: Steven & VAR-22 to better	are impacted by rerout	-	etc.):	
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Document Control Number: KXL10-00006-01-AA-180 (Form 1)

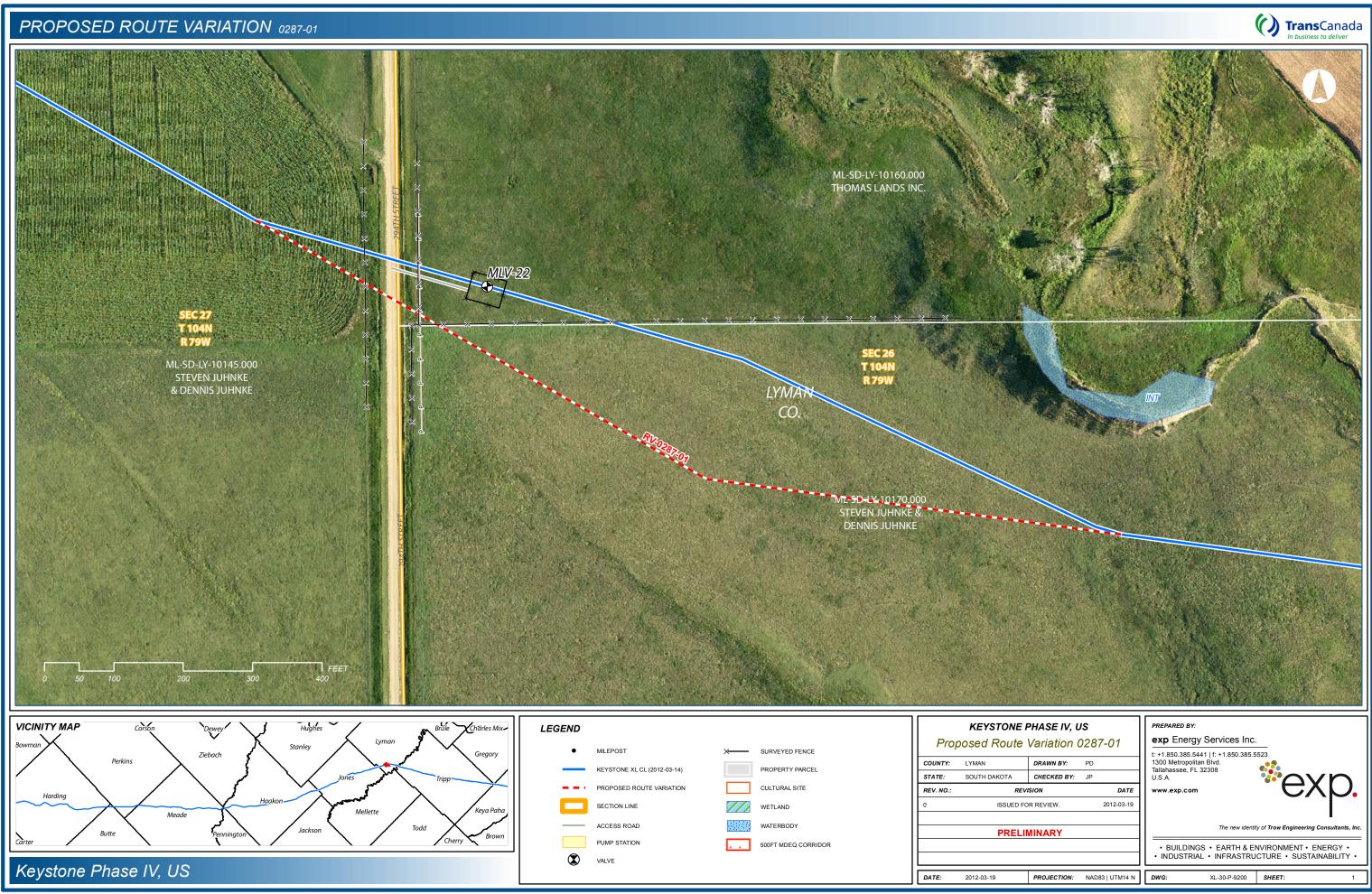
4 LAND / TransCanada	Tina Hall		
a) Is a new landowner affected by the proposed variation?	Ye	29	No X
b) is the affected landowner/tract a possible condemnation?	Ye		No X
c) Does proposed route variation impact Tribal Lands?	Yé		No X
d) Does proposed route variation impact any Federal/State Li	ands' Ye		No <u>X</u>
-If yes, name type (i.e. USFWS, BLM, etc.):		_	_
e) Is proposed realignment outside the easement/workspace?	Ye	es <u>X</u>	No
f) Is realignment proposed to satisfy landowner request?	Ye	es	No <u>X</u>
-If yes, name of landowner(s)/track number(s)	:		
			_
g) Has all the evaluation criteria been examined/provided for this	specific discipline? Ye	29	No
If no, please explain why:			
5 ENGINEERING/CONSTRUCTION - TransCanada	Meera Kothari		
a) Maximum deviation perpendicular to proposed alignment:		<u>178</u> ft.	
b) Does variation (CL) (including workspaces) falls within 50) ft. MDEQ Corridor? Ye	es N/A	No
c) Has the centerline been staked for construction?	Ye	es	No X
d) Does route variation affect HDD crossing alignment?	Ye	es	No X
e) Is realignment proposed for engineering/construction reasons?			No
	Yé		
f) Will the route variation require the relocation of a pump station?			
g) Has all the evaluation criteria been examined/provided for this	specific discipline? Ye	es	No
If no, please explain why:			
6 ENVIRONMENTAL / exp	Jonathan Minton		
a) Has the corridor been environmentally surveyed?	Ye	es X	No
b) Has the proposed variation been environmentally surveyed?	Ye		No X
c) Does proposed route variation impact Sage Grouse areas			No X
d) Does route variation impact ABB areas?	Ye		No <u>X</u>
e) Was variation proposed to satisfy environmental issues?	Ye	es	No X
f) Was realignment proposed to satisfy agency request?	Ye	es	No <u>X</u>
-If yes, name of agency(s):			
g) Environmental features:			
Added (+):	Subtracted (-	-):	
Wetland ID # for newly impacted wetland	:		
· · · · · · · · · · · · · · · · · · ·			
h) Has all the evaluation criteria been examined/provided for this		es	No
h) Has all the evaluation criteria been examined/provided for this		es	No
		es	No
h) Has all the evaluation criteria been examined/provided for this If no, please explain why:	specific discipline? Ye	25	No
h) Has all the evaluation criteria been examined/provided for this If no, please explain why: 7 ENGINEERING / FACILITIES AND HYDRAULICS (if applicable)	specific discipline? Ye		
h) Has all the evaluation criteria been examined/provided for this If no, please explain why: 7 ENGINEERING / FACILITIES AND HYDRAULICS (if applicable) a) Will the route variation require the relocation of a pump station	specific discipline? Ye Sandra Gigovic Ye Ye	25	No X
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h) Has all the evaluation criteria been examined/provided for this If no, please explain why: 7 ENGINEERING / FACILITIES AND HYDRAULICS (if applicable) a) Will the route variation require the relocation of a pump station	specific discipline? Ye Sandra Gigovic Ye Ye	95	No X
h) Has all the evaluation criteria been examined/provided for this If no, please explain why: 7 ENGINEERING / FACILITIES AND HYDRAULICS (if applicable) a) Will the route variation require the relocation of a pump station b) Will route variation impact hydraulics?	specific discipline? Ye Sandra Gigovic ? Ye Ye Ye	25 25 25	No X
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0287-SD-P4-533.5-533.8-S



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

KEYSTONE XL PIPELINE PROJECT ROUTE VARIATION AUTHORIZATION FORM					
Date: Description:	3/21/2012 The primary reason for this reroute is to straighten roa crossing and move MLV-22 to better ground.	Tracking Number: 0287-SD-P4-533.5-533.8-S O MP: 533.5 to 533.8 Originated By: Engineering 1 Variation Form Attached: Yes X No			
TransCanad	la - Land Tina I	Tracking Number: 0287-SD-P4-533.5-533.8-S MP: 533.5 to 533.8 Originated By: Engineering Variation Form Attached: Yes X No Hall Variation: Approved Rejected If Rejected Why?			
TransCanad Comments:	la- Engineering Meera Kot	Athari Variation: Approved Rejected Date: If Rejected Why?			
Exp - Engine Comments:	eering Butch Wall	llace Variation: Approved Rejected Date: If Rejected Why?			
Exp - Enviro Comments:	onmental Jonathan Mir	inton Variation: Approved Rejected Date: If Rejected Why?			
Stantec - Ris Comments:	sk Assesment Heidi Tillq	quist Variation: Approved Rejected If Rejected Date: If Rejected			
Facilities - T Comments:	TransCanada Sandra Gigo	govic Variation: Approved Rejected Date: If Rejected Why?			
TransCanad	la - PM (Montana) Alan L	Lietz Variation: Approved Rejected Date: If Rejected			
TransCanad	la - PM (South Dakota) James Oc	dom Variation: Approved Rejected If Rejected Why?			
TransCanad	la - PM (Nebraska) Robert Brad	adley Variation: Approved Rejected Date: If Rejected Why?			
TransCanad	la - Keystone XL Manager Steve M	Marr Variation: Approved Rejected Date: If Rejected Why?			
Forward to:	Meera Kothari Hei Butch Wallace San	athan Minton James Odom			





RV-0287-01 - Looking Southeast at minute 05:04.037 03/14/2012 CL - Blue line Reroute - Red Line



RV-0287-01 - Looking Southeast at minute 05:06.205 03/14/2012 CL - Blue line Reroute - Red Line



RV-0287-01 - Looking Northwest at minute 04:52.592 03/14/2012 CL - Blue line Reroute - Red Line

