

**2021 Maintenance Capital Reconciliation**  
**Posted March 15, 2022**  
(\$ in thousands)

	Actual 2021	Per Updated Projection December 2021 1/	Increase/ (Decrease)
<b>Operations</b>			
Pipeline Assessments	\$ 65,416	\$ 60,390	\$ 5,026
Compression Replacement	59,749	62,516	(2,767)
LNG Replacement	1,529	2,641	(1,112)
Underground Storage Integrity	-	-	-
Vintage Pipeline Replacement	162,822	158,065	4,757
<b>Total Asset Modernization</b>	<b>289,516</b>	<b>283,612</b>	<b>5,904</b>
Building/Facility - Field	11,771	12,447	(676)
Pipeline Integrity	40,260	38,147	2,113
<i>NEB46001 Auburn BL Abandonment</i>	4,960	4,705	255
Pipeline-Shallow/Exposed Pipe	23,966	23,797	169
Measurement	14,404	15,812	(1,408)
Automation/Controls	20,668	20,113	555
<i>Beatrice Automation</i>	177	135	42
<i>Clifton Controls Upgrade 1, 2, 3 and 4</i>	6,165	5,623	542
<i>Carlton Controls Upgrade Phase 1</i>	6,520	6,776	(256)
Pipeline - Relocation	1,165	1,341	(176)
Compressor Mods	16,183	17,131	(948)
<i>Spraberry Header Piping Modifications</i>	1,345	1,291	54
Underground/LNG Storage	10,400	11,003	(603)
Measurement-Heaters	6,591	6,853	(262)
Valve Installation/Replacement	8,783	8,274	509
Corrosion Control	9,073	10,158	(1,085)
<i>M532B MP 0.603 Pipe Replacement</i>	44	42	2
Odorization	1,301	1,076	225
Pipeline Safety Act HCA	15,462	14,122	1,340
<i>MNB75601-24"-Replace MP 1.1-2.7 Willmar</i>	2,605	1,799	806
Unit Exchange	1,858	1,892	(34)
Systems Development	4,600	5,309	(709)
Special Projects	8,331	8,541	(210)
Retirements	8,594	9,493	(899)
Risk-ESD	3,620	3,858	(238)
Trans/Mob Wrk Eqp	3,467	3,678	(211)
Information Technology	7,985	13,511	(5,526)
<i>Maximo Implementation</i>	2,979	3,967	(988)
Other	19,416	27,010	(7,594)
<b>Total Other Maintenance Capital</b>	<b>237,898</b>	<b>253,566</b>	<b>(15,668)</b>
<b>Total Maintenance Capital</b>	<b>\$ 527,414</b>	<b>\$ 537,178</b>	<b>\$ (9,764)</b>
Maintenance Capital Target 2/	369,000	369,000	
<b>Variance - Increase/(Decrease)</b>	<b>\$ 158,414</b>	<b>\$ 168,178</b>	

## Notes:

Items in italics are individual projects that are greater than \$5 million over the course of 2020 - 2023 and are included in the total for the project category.

1/ Per Updated Projection posted to Northern's website December 21, 2021.

2/ Per Exhibit D contained in the Stipulation and Agreement of Settlement Docket No. RP19-1353.