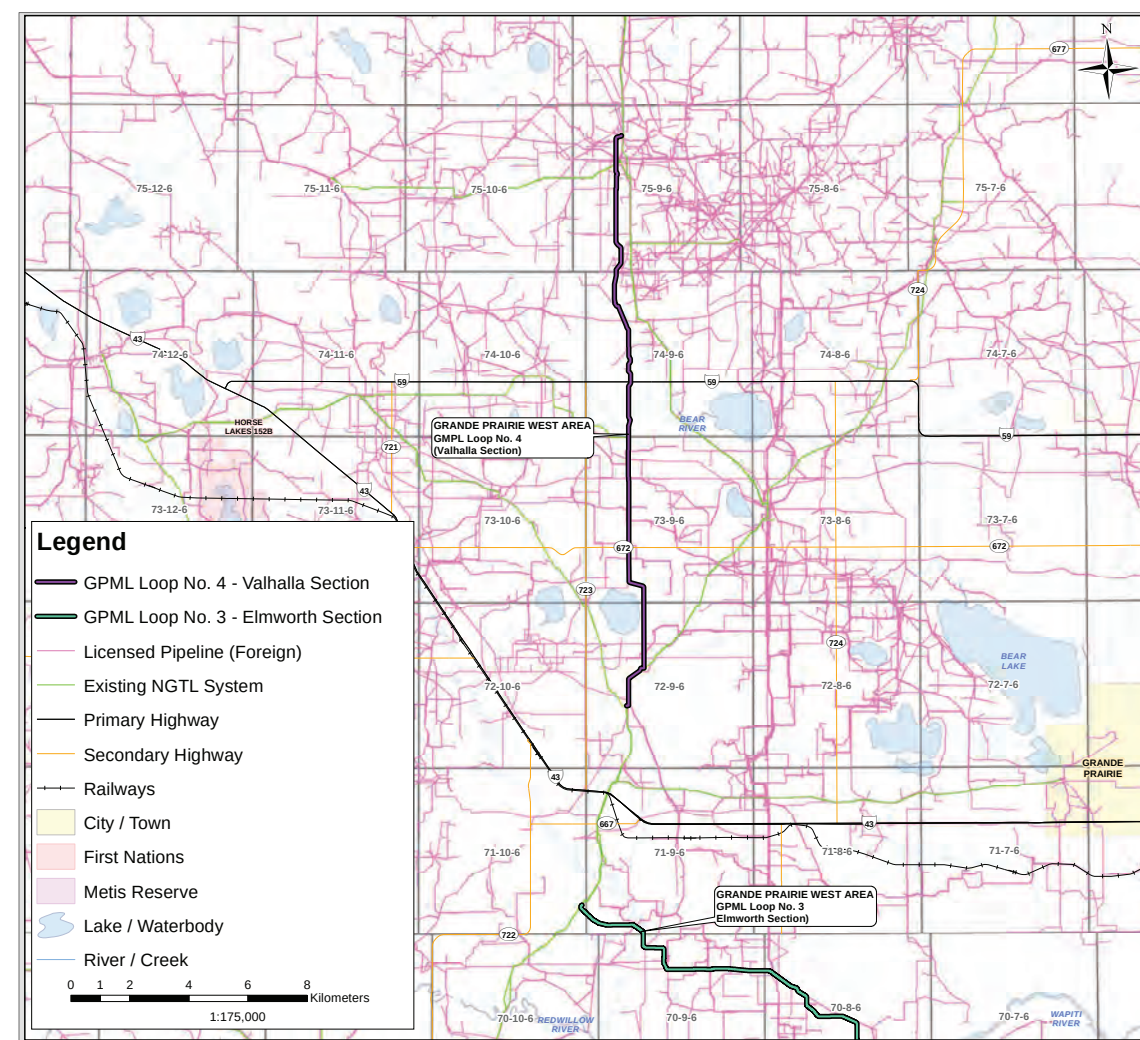
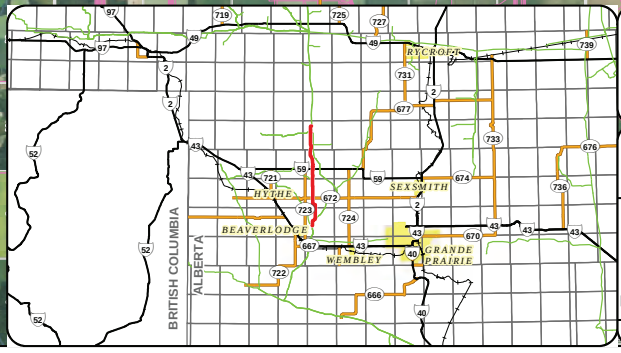
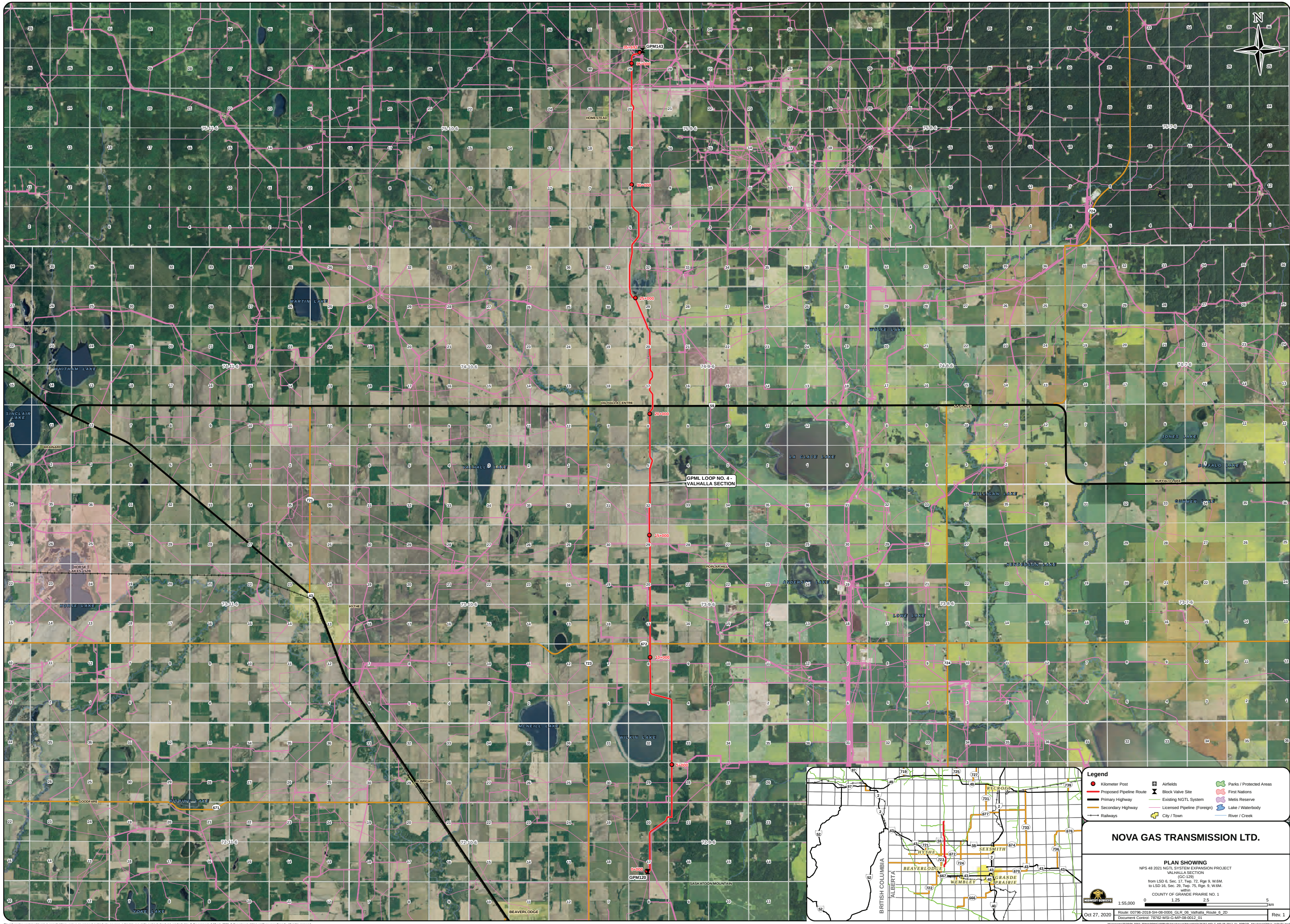




Plans and Profiles of: 2021 NGTL SYSTEM EXPANSION PROJECT

(Valhalla Section)
National Energy Board Certificate of Public Convenience and Necessity (GC-129)

NOVA GAS TRANSMISSION LTD.



Legend

- Kilometer Post
- Proposed Pipeline Route
- Primary Highway
- Secondary Highway
- Railways
- Airfields
- Block Valve Site
- Existing NGTL System
- Licensed Pipeline (Foreign)
- City / Town
- Parks / Protected Areas
- First Nations
- Metis Reserve
- Lake / Waterbody
- River / Creek

NOVA GAS TRANSMISSION LTD.

PLAN SHOWING
NPS 48 2021 NGTL SYSTEM EXPANSION PROJECT
VALHALLA SECTION
(GC-129)
from LSD 6, Sec. 17, Twp. 72, Rge. 9, W.6M.
to LSD 16, Sec. 29, Twp. 75, Rge. 9, W.6M.
W.6M.
COUNTY OF GRANDE PRAIRIE NO. 1

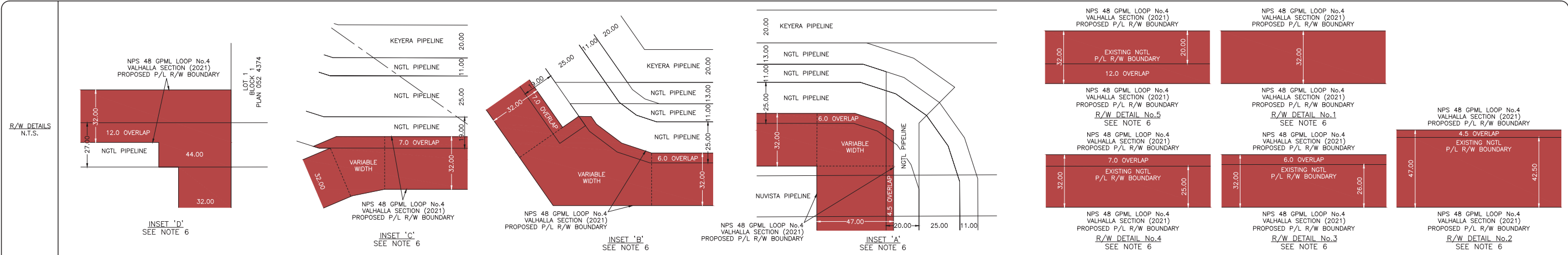
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Oct 27, 2020

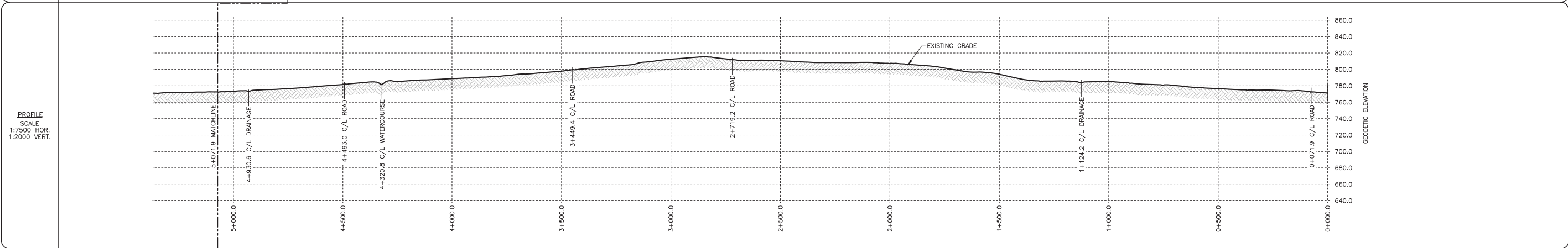
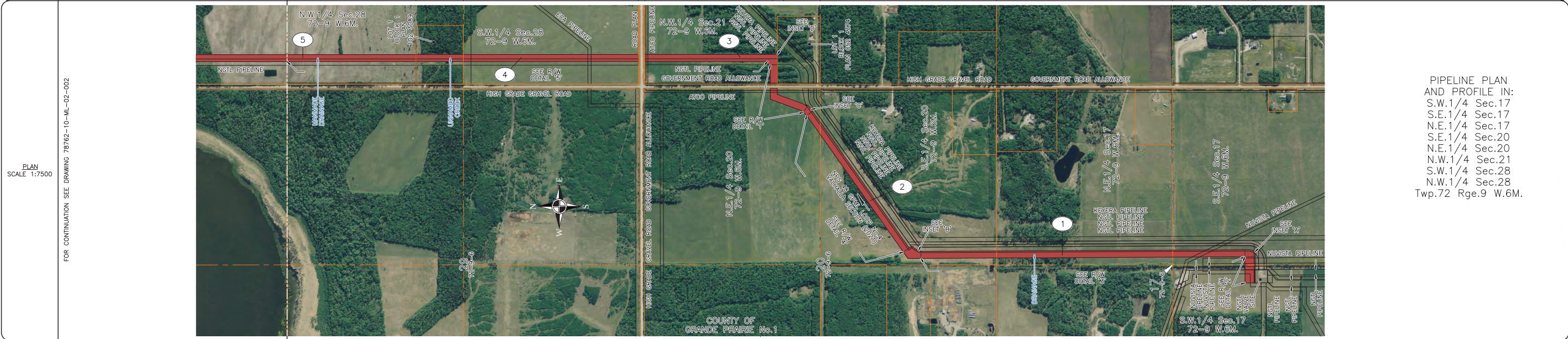
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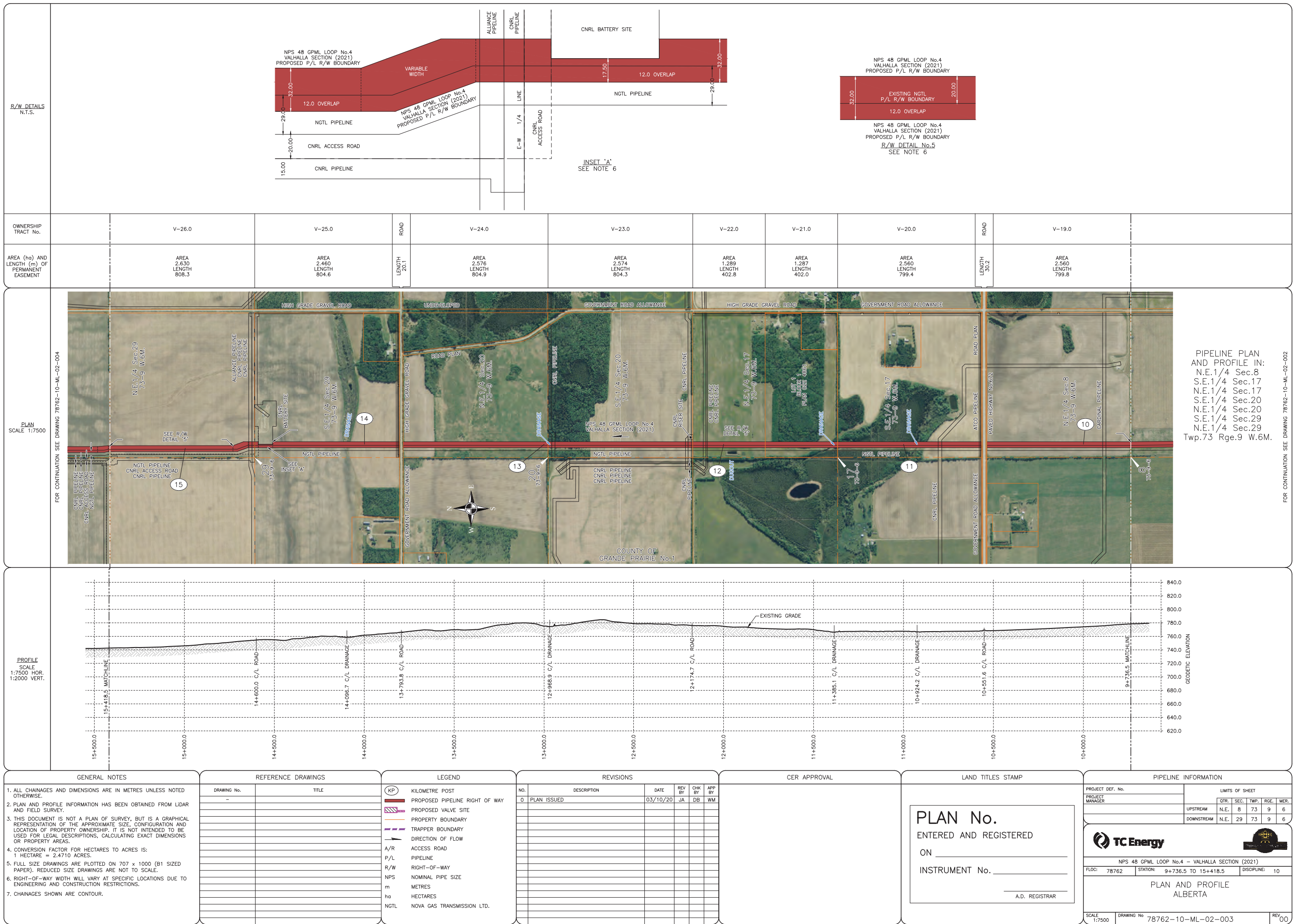
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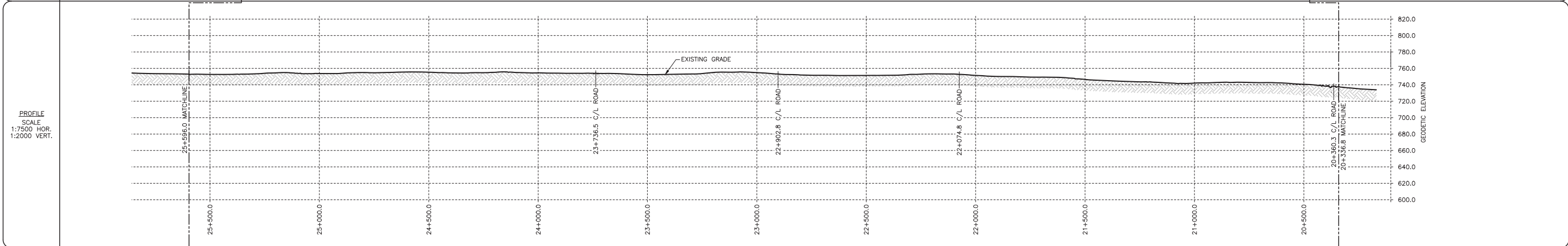
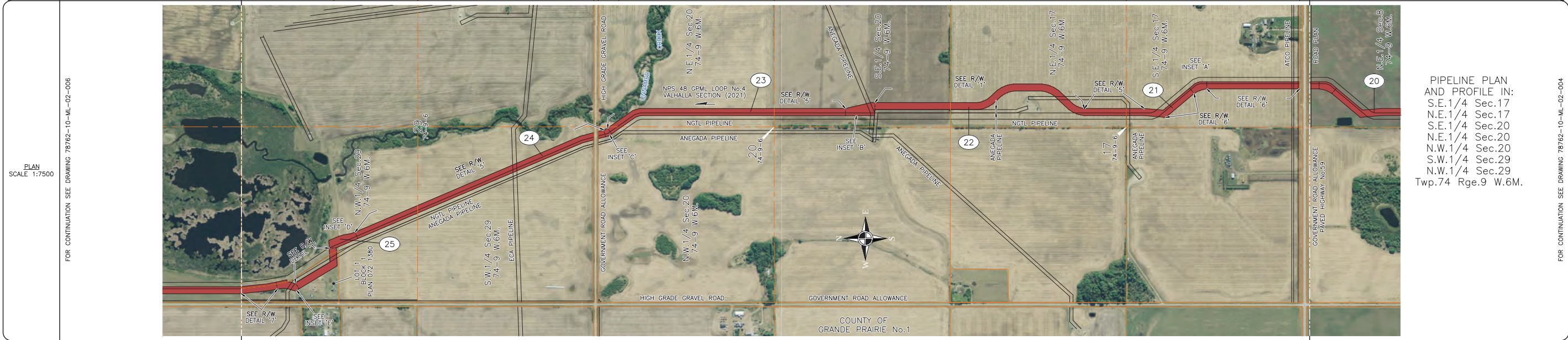
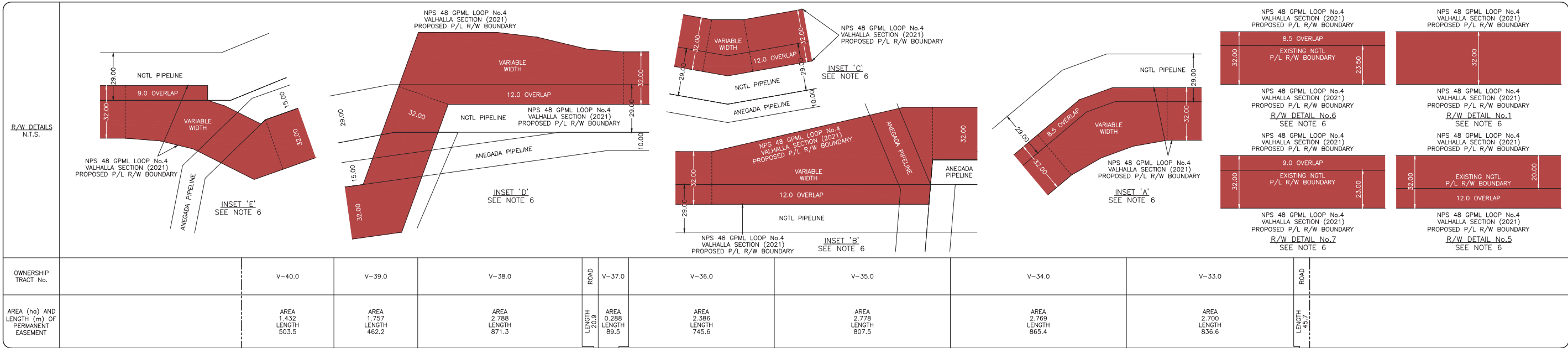


OWNERSHIP TRACT No.	V-10.0	V-9.0	V-8.0	ROAD	V-7.0	ROAD	V-6.0	V-5.0	V-4.0	V-3.0	V-2.0	V-1.0
AREA (ha) AND LENGTH (m) OF PERMANENT EASEMENT	AREA 1.883 LENGTH 568.7	AREA 0.691 LENGTH 216.0	AREA 2.558 LENGTH 799.4	LENGTH 30.0	AREA 2.284 LENGTH 702.5	LENGTH 20.1	AREA 0.985 LENGTH 304.7	AREA 3.592 LENGTH 1100.3	AREA 2.574 LENGTH 804.3	AREA 1.367 LENGTH 401.9	AREA 0.359 LENGTH 82.6	AREA 0.026 LENGTH 0.0



GENERAL NOTES		REFERENCE DRAWINGS		LEGEND		REVISIONS					CER APPROVAL		LAND TITLES STAMP		PIPELINE INFORMATION							
1. ALL CHAINAGES AND DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.		DRAWING No.	TITLE	KP	KILOMETRE POST	NO.	DESCRIPTION		DATE	REV BY	CHK BY	APP BY			LIMITS OF SHEET		PROJECT DEF. No.					
							0 PLAN ISSUED										03/10/20		JA DB WM		PROJECT MANAGER	
2. PLAN AND PROFILE INFORMATION HAS BEEN OBTAINED FROM LIDAR AND FIELD SURVEY.							1 UPDATE RIGHT OF WAY			10/21/20	JT	CB	WM			DOWNSTREAM		S.W. 17 72 9 6		N.W. 28 72 9 6		
3. THIS DOCUMENT IS NOT A PLAN OF SURVEY, BUT IS A GRAPHICAL REPRESENTATION OF THE APPROXIMATE SIZE, CONFIGURATION AND LOCATION OF PROPERTY OWNERSHIP. IT IS NOT INTENDED TO BE USED FOR LEGAL DESCRIPTIONS, CALCULATING EXACT DIMENSIONS OR PROPERTY AREAS.																						
4. CONVERSION FACTOR FOR HECTARES TO ACRES IS: 1 HECTARE = 2.4710 ACRES.																						
5. FULL SIZE DRAWINGS ARE PLOTTED ON 707 x 1000 (B1 SIZED PAPER). REDUCED SIZE DRAWINGS ARE NOT TO SCALE.																						
6. RIGHT-OF-WAY WIDTH WILL VARY AT SPECIFIC LOCATIONS DUE TO ENGINEERING AND CONSTRUCTION RESTRICTIONS.																						
7. CHAINAGES SHOWN ARE CONTOUR.																						





GENERAL NOTES		REFERENCE DRAWINGS		LEGEND		REVISIONS		CER APPROVAL		LAND TITLES STAMP		PIPELINE INFORMATION	
1. ALL CHAINAGES AND DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.		DRAWING No.		TITLE		No.						PROJECT DEF. No.	
2. PLAN AND PROFILE INFORMATION HAS BEEN OBTAINED FROM LIDAR AND FIELD SURVEY.		-				0		PLAN ISSUED		ENTERED AND REGISTERED		LIMITS OF SHEET	
3. THIS DOCUMENT IS NOT A PLAN OF SURVEY, BUT IS A GRAPHICAL REPRESENTATION OF THE APPROXIMATE SIZE, CONFIGURATION AND LOCATION OF PROPERTY OWNERSHIP. IT IS NOT INTENDED TO BE USED FOR LEGAL DESCRIPTIONS, CALCULATING EXACT DIMENSIONS OR PROPERTY AREAS.										ON _____		QTR. SEC. TWP. RGE. MER.	
4. CONVERSION FACTOR FOR HECTARES TO ACRES IS: 1 HECTARE = 2.4710 ACRES.										INSTRUMENT No. _____		UPSTREAM S.E. 17 74 9 6	
5. FULL SIZE DRAWINGS ARE PLOTTED ON 707 x 1000 (B1 SIZED PAPER). REDUCED SIZE DRAWINGS ARE NOT TO SCALE.										A.D. REGISTRAR		DOWNSTREAM N.W. 29 74 9 6	
6. RIGHT-OF-WAY WIDTH WILL VARY AT SPECIFIC LOCATIONS DUE TO ENGINEERING AND CONSTRUCTION RESTRICTIONS.												NPS 48 GPML LOOP No.4 - VALHALLA SECTION (2021)	
7. CHAINAGES SHOWN ARE CONTOUR.												FLOC: 78762 STATION: 20+336.8 TO 25+596.0 DISCIPLINE: 10	
												PLAN AND PROFILE ALBERTA	
												SCALE 1:7500 DRAWING No. 78762-10-ML-02-005 REV 00	

NOVA Gas Transmission Ltd.

**2021 NGTL System Expansion Project
(Valhalla Section)**

Book of Reference

October 2020

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
V-1.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SW 17-072-09 W6M (PLAN 882 2182)	NOVA CORPORATION OF ALBERTA. C/O NOVA GAS TRANSMISSION LTD.	N/A	0.0	47.00	0.026
V-2.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SW 17-072-09 W6M (EXCEPTING OUT PLAN 094 0873)	MAYNARD ALFRED HOTTE AND MARLENE JUNE HOTTE	N/A	82.6	47.00	0.359
V-3.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 17-072-09 W6M	MIKE MORRIS AND BARBARA MORRIS	N/A	401.9	47.00, 32.00 & Variable Width	1.367
V-4.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NE 17-072-09 W6M (EXCEPTING OUT PLAN 142 3607)	BRENT CAMERON KNICKLE AND KIMBERLEY DAWN KNICKLE	N/A	804.3	32.00	2.574
V-5.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 20-072-09 W6M (EXCEPTING OUT PLAN 162 2429)	SY L MACK AND KAREN MACK	BRENT KNICKLE	1100.3	32.00 & Variable Width	3.592
V-6.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 20-072-09 W6M	ERIC KJETIL BOE AND JEANNETTE M BOE	N/A	304.7	32.00 & Variable Width	0.985
ROAD-1.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.1	0.00	0.000
V-7.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 21-072-09 W6M (EXCEPTING OUT PLAN 052 4374)	TERRAL DWAIN HAGMAN AND SHERRY DIANE HAGMAN	BRENT KNICKLE	702.5	32.00 & 44.00	2.284
ROAD-2.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	30.0	0.00	0.000
V-8.0	COUNTY OF GRANDE PRAIRIE NO. 1	SW 28-072-09 W6M	ERIC KJETIL BOE AND JEANNETTE M BOE	MARK BADER	799.4	32.00	2.558
V-9.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 28-072-09 W6M (PLAN 102 3089 BLOCK 1, LOT 1)	S.E.S. TAYLOR CONSTRUCTION LTD. PER: JOSHUA PHILLIP TAYLOR AND MONICA SUE TAYLOR	N/A	216.0	32.00	0.691
V-10.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 28-072-09 W6M (EXCEPTING OUT PLAN 102 3089)	RICKARD LAND VENTURES LTD. PER DON RICKARD	MARK BADER	588.7	32.00	1.883

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
V-11.0	COUNTY OF GRANDE PRAIRIE NO. 1	SW 33-072-09 W6M	RICKARD LAND VENTURES LTD. PER DON RICKARD	MARK BADER	804.3	32.00	2.574
V-12.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 33-072-09 W6M (PLAN 992 0713, LOT 1)	NOVA GAS TRANSMISSION LTD.	N/A	85.4	32.00	0.274
V-13.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 33-072-09 W6M (EXCEPTING OUT PLAN 992 0713)	RICKARD LAND VENTURES LTD. PER DON RICKARD	MARK BADER	718.7	32.00	2.299
ROAD-3.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.1	0.00	0.000
V-14.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SW 04-073-09 W6M (EXCEPTING OUT PLAN 072 7280)	MICHAEL TOEWS & CINDY TOEWS (AS TO AN UNDIVIDED 1/2 INTEREST), CORLAN GRAINS LTD. (AS TO AN UNDIVIDED 1/2 INTEREST) PER: CHELAN TOEWS AND COREY TOEWS	N/A	602.6	32.00	1.928
V-15.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SW 04-073-09 W6M (PLAN 072 7280, BLOCK 1, LOT 1)	MICHAEL TOEWS & CINDY TOEWS (AS TO AN UNDIVIDED 1/2 INTEREST), CORLAN GRAINS LTD. (AS TO AN UNDIVIDED 1/2 INTEREST) PER: CHELAN TOEWS AND COREY TOEWS	N/A	201.3	32.00	0.645
V-16.0	COUNTY OF GRANDE PRAIRIE NO. 1	NW 04-073-09 W6M	JOHN MOUTRAY AND MERVIN CASSITY (EXECUTORS FOR JACOB JACOBUS ROBERTUS DOL)	ADA RAE DOL, JOHN JAMES MOUTRAY	257.4	32.00	0.824
ROAD-4.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.8	0.00	0.000
V-17.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 05-073-09 W6M	JOHN MOUTRAY AND PATRICIA MOUTRAY	N/A	1152.8	32.00 & 23.74 &Variable Width	3.726
V-18.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 08-073-09 W6M	JOHN MOUTRAY AND PATRICIA MOUTRAY	N/A	804.5	32.00	2.575

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
V-19.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 08-073-09 W6M	JACK JANZEN AND EVELYN KATHERINE SIEBERT	STEPHEN SIEBERT	799.8	32.00	2.560
ROAD-5.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	30.2	0.00	0.000
V-20.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 17-073-09 W6M (EXCEPTING OUT PLAN 122 3709)	JACK HERBERT JANZEN AND CHERYL JANZEN	KEVIN MOODIE	799.4	32.00	2.560
V-21.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NE 17-073-09 W6M (PLAN 022 4861, BLOCK 1, LOT 1 EXCEPTING OUT PLAN 112 1175)	STEPHANIE NICOLE ROBB AND YVONNE CHRISTINE DUPONT	N/A	402.0	32.00	1.287
V-22.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NE 17-073-09 W6M (EXCEPTING OUT PLAN 022 4861)	PETER FEHR JANZEN AND LISA MARIE JANZEN	N/A	402.8	32.00	1.289
V-23.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 20-073-09 W6M	TREVOR LOBERG AND CLAIRE LOBERG	MIKE TOEWS AND CORY TOEWS	804.3	32.00	2.574
V-24.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 20-073-09 W6M	HUTTERIAN BRETHREN CHURCH OF GRANDVIEW. PER: LEVI J. HOFER, ELIAS A. HOFER AND JACOB E. HOFER	N/A	804.9	32.00	2.576
ROAD-6.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.1	0.00	0.000
V-25.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 29-073-09 W6M (EXCEPTING OUT PLAN 092 1839)	DEREK VAVREK AND KARA NADINE VAVREK	GV COLONY FARMING CO. LTD.	804.6	32.00 & 17.50	2.460
V-26.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 29-073-09 W6M	KARA NADINE VAVREK	GV COLONY FARMING CO. LTD.	808.3	32.00 & Variable Width	2.630

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
V-27.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 32-073-09 W6M	JESSE STEPHEN MOE	GV COLONY FARMING CO. LTD.	804.6	32.00 & Variable Width	2.590
V-28.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 32-073-09 W6M	RYAN KEVIN MOE	GV COLONY FARMING CO. LTD.	807.3	32.00 & Variable Width	2.587
ROAD-7.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.2	0.00	0.000
V-29.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 05-074-09 W6M	ARON HANSON AND CODY HANSON	N/A	810.7	32.00 & Variable Width	2.597
V-30.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 05-074-09 W6M	HOWARD TORKELSON	MERLE TORKELSON	839.3	32.00 & Variable Width	2.696
V-31.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 08-074-09 W6M	HANSON SEED FARM LTD. PER: TROY HANSON, JANET HANSON AND A. SERLE HANSON	N/A	804.5	32.00	2.575
V-32.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NE 08-074-09 W6M (EXCEPTING OUT PLAN 062 4817)	TROY NATHAN HANSON	N/A	836.8	32.00 & Variable Width	2.688

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
ROAD-8.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	45.7	0.00	0.000
V-33.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 17-074-09 W6M	DEL FRIESEN AND LORETTA FRIESEN	N/A	836.6	32.00 & Variable Width	2.700
V-34.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 17-074-09 W6M	DEL FRIESEN AND LORETTA FRIESEN	N/A	865.4	32.00	2.769
V-35.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 20-074-09 W6M	DARREL GUNDERSON, NATALIE GUNDERSON, NIELS SKAKSEN AND SHIRLEY JEAN SKAKSEN	MORRIS TOFTELAND	807.5	32.00 & Variable Width	2.778
V-36.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NE 20-074-09 W6M (EXCEPTING OUT PLAN 072 9347)	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	745.6	32.00	2.386
V-37.0	COUNTY OF GRANDE PRAIRIE NO. 1	NW 20-074-09 W6M	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	89.5	32.00 & Variable Width	0.288
ROAD-9.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.9	0.00	0.000
V-38.0	COUNTY OF GRANDE PRAIRIE NO. 1	SW 29-074-09 W6M	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	871.3	32.00	2.788
V-39.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 29-074-09 W6M (EXCEPTING OUT PLAN 072 1380)	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	462.2	32.00 & Variable Width	1.757
V-40.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN NW 29-074-09 W6M (PLAN 072 1380, BLOCK 1, LOT 1)	DAKOTA MOORE	N/A	503.5	32.00 & Variable Width	1.432

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
V-41.0	COUNTY OF GRANDE PRAIRIE NO. 1	SW 32-074-09 W6M	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	804.8	32.00	2.575
V-42.0	COUNTY OF GRANDE PRAIRIE NO. 1	NW 32-074-09 W6M	R & A HARPE HOLDINGS LTD. PER: LOTTIE ANNE HARPE AND RICHARD ALEXANDER HARPE	N/A	804.2	32.00	2.573
ROAD-10.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	30.2	0.00	0.000
V-43.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 05-075-09 W6M	LORNE ISAAC AND ELAINE ISAAC	N/A	889.2	32.00 & Variable Width	2.832
V-44.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 05-075-09 W6M	ERIC MARVIN VATNE AND LAUREEN MARIE VATNE	N/A	896.9	32.00 & Variable Width	2.893
V-45.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 08-075-09 W6M	DENNIS NORDHAGEN, AND NORMAN NORDHAGEN, LILLIAN NORDHAGEN	N/A	825.5	32.00 & Variable Width	2.664
V-46.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 08-075-09 W6M	OBERT ERIVIN GLEASON	ARON HANSON	803.3	32.00	2.571

MSI Tract Number	Municipality	Land Description	Landowner(s)	Land User(s)	Length (m)	Width (m)	Area (ha)
ROAD-11.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.1	0.00	0.000
V-47.0	COUNTY OF GRANDE PRAIRIE NO. 1	SE 17-075-09 W6M	NORMAN NORDHAGEN, LILLIAN NORDHAGEN AND CHRISTINE NORDHAGEN	DENNIS NORDHAGEN	805.7	32.00	2.579
V-48.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 17-075-09 W6M	NORMAN NORDHAGEN, LILLIAN NORDHAGEN AND CHRISTINE NORDHAGEN	DENNIS NORDHAGEN	816.1	32.00 & Variable Width	2.615
V-49.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 20-075-09 W6M	NORMAN NORDHAGEN, LILLIAN NORDHAGEN AND MARIANNE KOBELKA	DENNIS NORDHAGEN	827.6	32.00	2.650
V-50.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 20-075-09 W6M	NORMAN NORDHAGEN, LILLIAN NORDHAGEN AND MARIANNE KOBELKA	DENNIS NORDHAGEN	826.6	32.00	2.645
ROAD-12.0	COUNTY OF GRANDE PRAIRIE NO. 1	SURVEYED ROAD ALLOWANCE	COUNTY OF GRANDE PRAIRIE NO. 1	N/A	20.1	0.00	0.000
V-51.0	COUNTY OF GRANDE PRAIRIE NO. 1	PTN SE 29-075-09 W6M	JAMES SCOTT CUNNINGHAM	N/A	805.3	32.00	2.578
V-52.0	COUNTY OF GRANDE PRAIRIE NO. 1	NE 29-075-09 W6M	RICHARD NORMAN CUNNINGHAM	N/A	1134.8	32.00	3.739