

ALASKA LNG PROJECT	DOCKET NO. CP17-____-000 RESOURCE REPORT NO. 3 APPENDIX B – ALASKA LNG PROJECT VEGETATION MAPPING	DOC No: USAI-PE-SRREG-00- 000003-000 DATE: APRIL 14, 2017 REVISION: 0
	PUBLIC	

## **APPENDIX B      ALASKA LNG PROJECT VEGETATION MAPPING**

The following maps are included within this appendix (provided under separate cover).

- B1      Vegetation Resources, Mainline Rev C2 Route, Topographical Mapping
- B1      Vegetation Resources, Point Thomson Rev C Route, Topographical Mapping
- B2      Vegetation Resources, Mainline Rev C2 Route, Aerial Mapping
- B2      Vegetation Resources, Point Thomson Rev C Route, Aerial Mapping
- B3      Vegetation Resources, Mainline Rev C2 Route, Off ROW Facilities and Access Roads  
Topographical Mapping
- B3      Vegetation Resources, Point Thomson Rev C Route, Off ROW Facilities and Access Roads  
Topographical Mapping
- B4      Vegetation Resources, Mainline Rev C2 Route, Off ROW Facilities and Access Roads Aerial  
Mapping
- B4      Vegetation Resources, Point Thomson Rev C Route, Off ROW Facilities and Access Roads  
Aerial Mapping

ALASKA LNG PROJECT	DOCKET NO. CP17-___-000 RESOURCE REPORT NO. 3 APPENDIX B PART 1 OF 10	DOC NO: USAKE-PT-SRREG-00- 000006-000 APRIL 14, 2017 REVISION: 0
	PUBLIC	

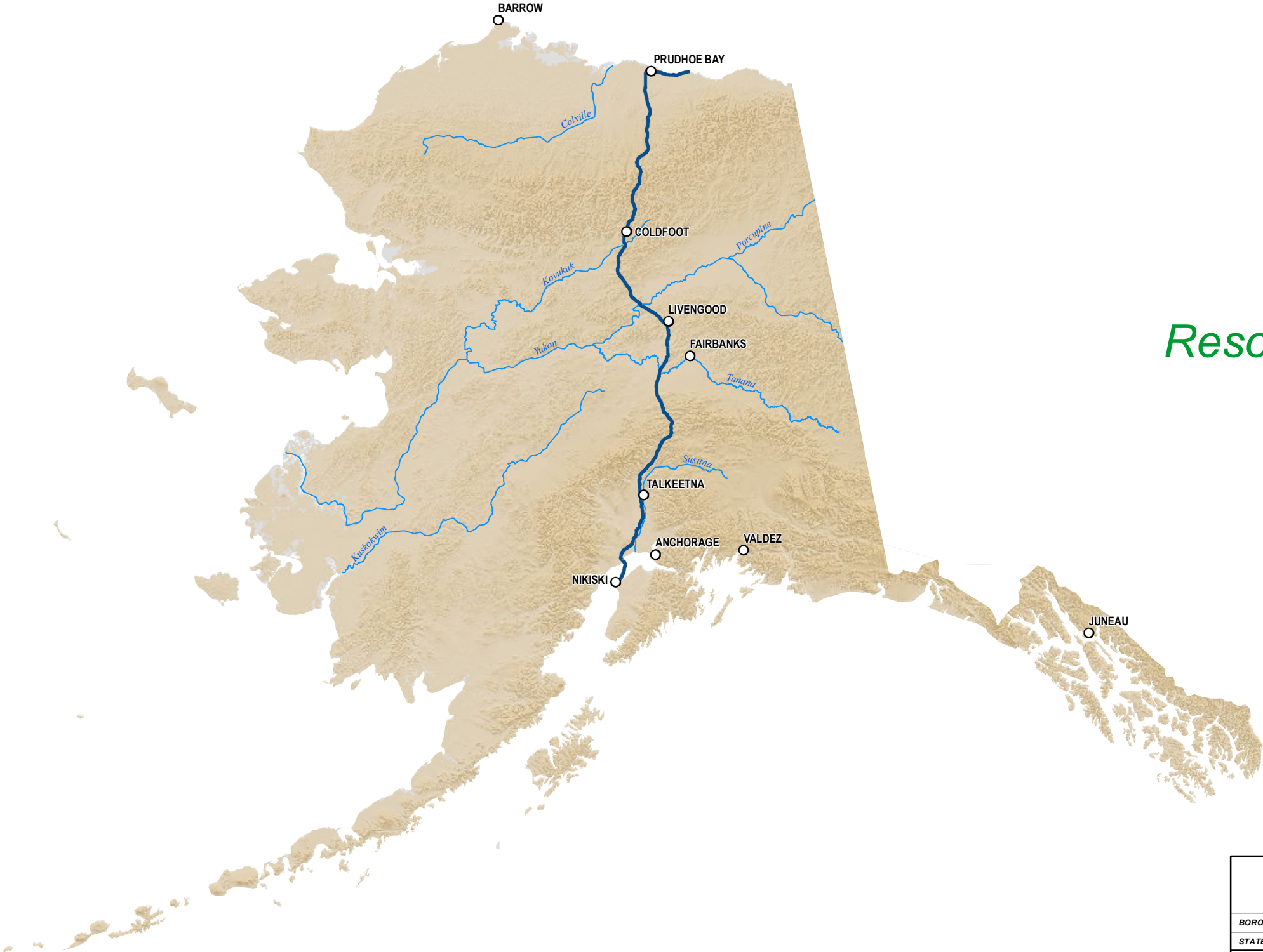
**Part 1 of 10 of Appendix B of Resource Report No. 3**



# Alaska LNG Project

## *Vegetation Resources Mainline Rev C2 Route*

## *Resource Report 3, Appendix B1 Topographical Mapping*

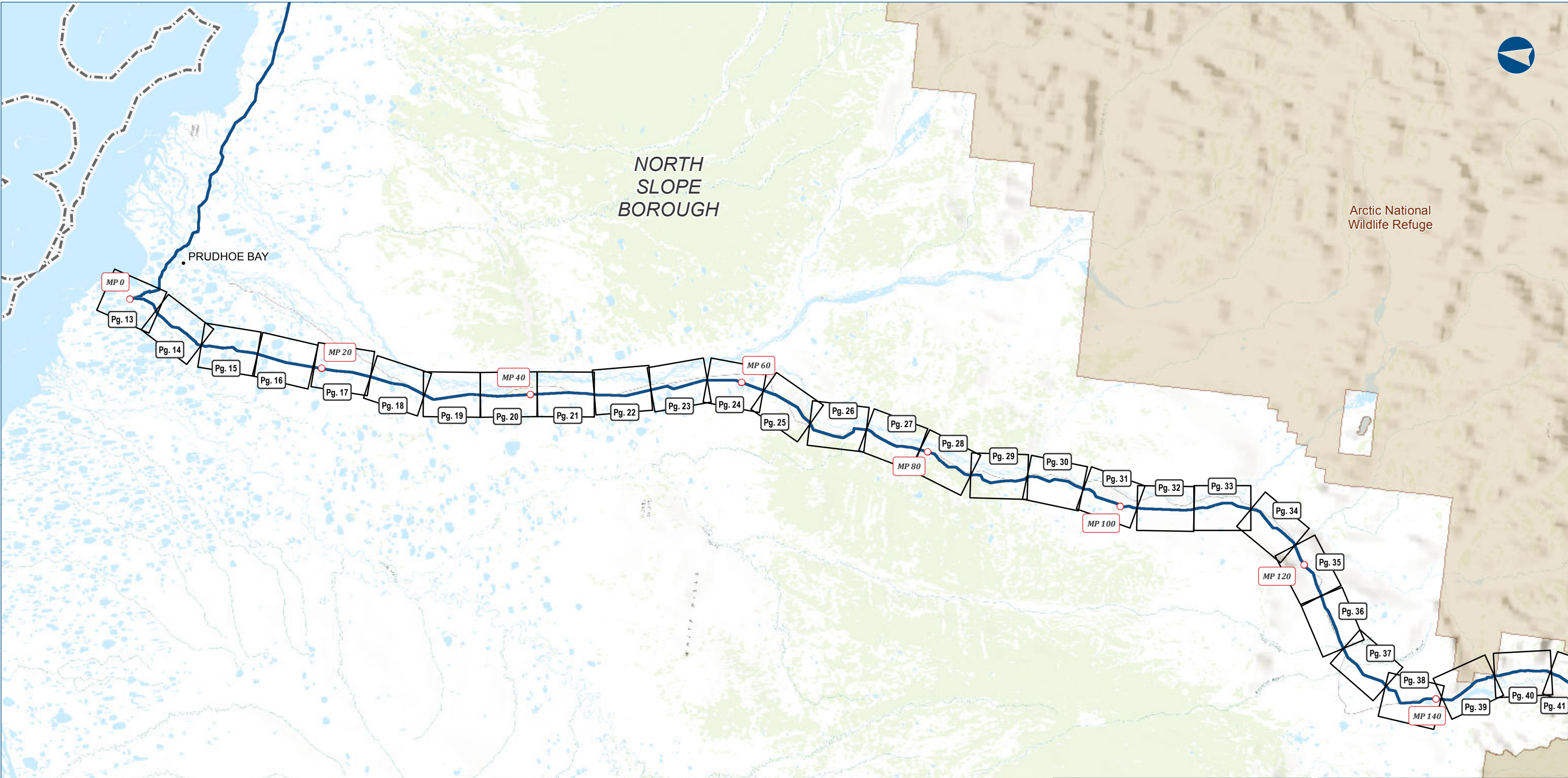


Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-21	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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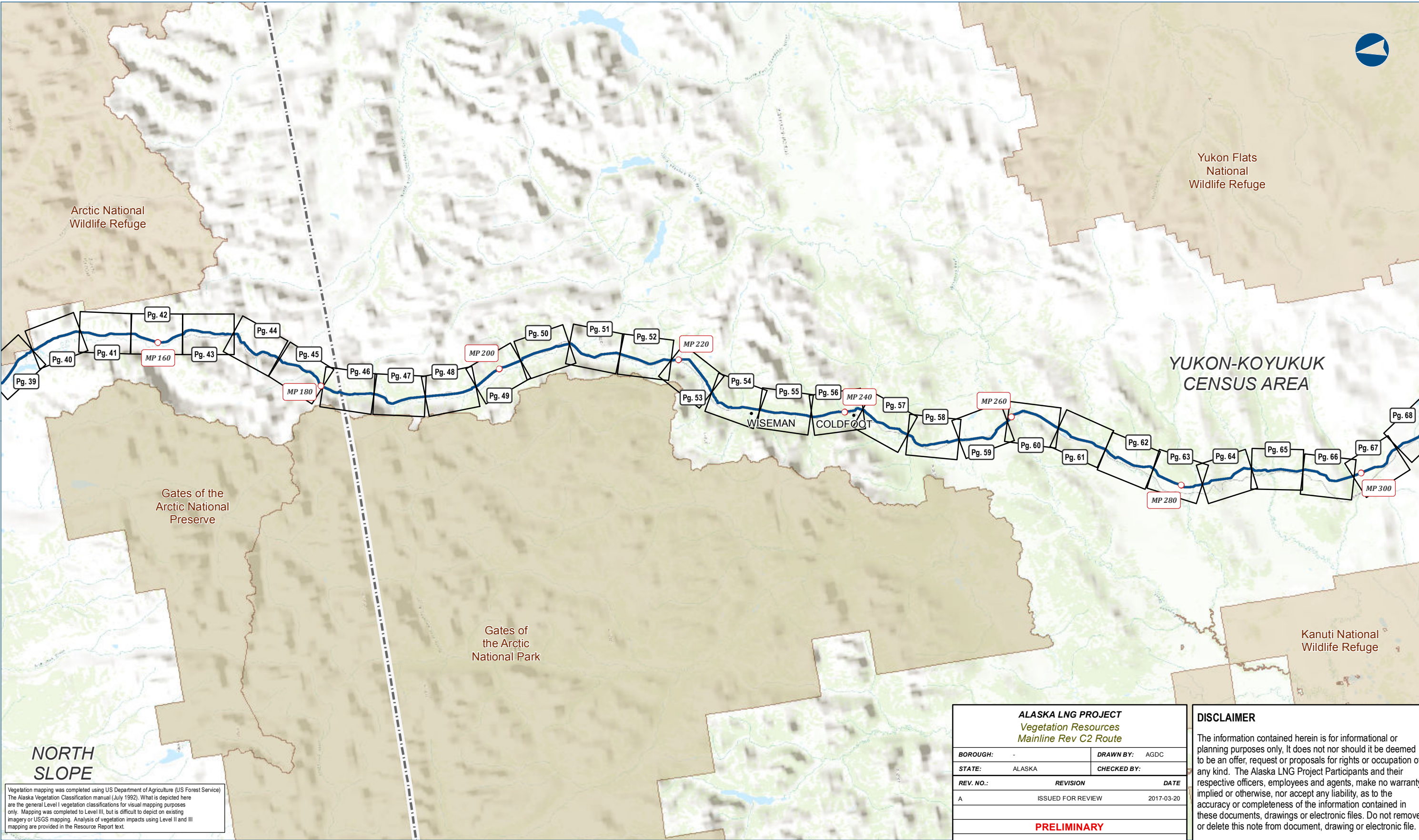
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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-20
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-20	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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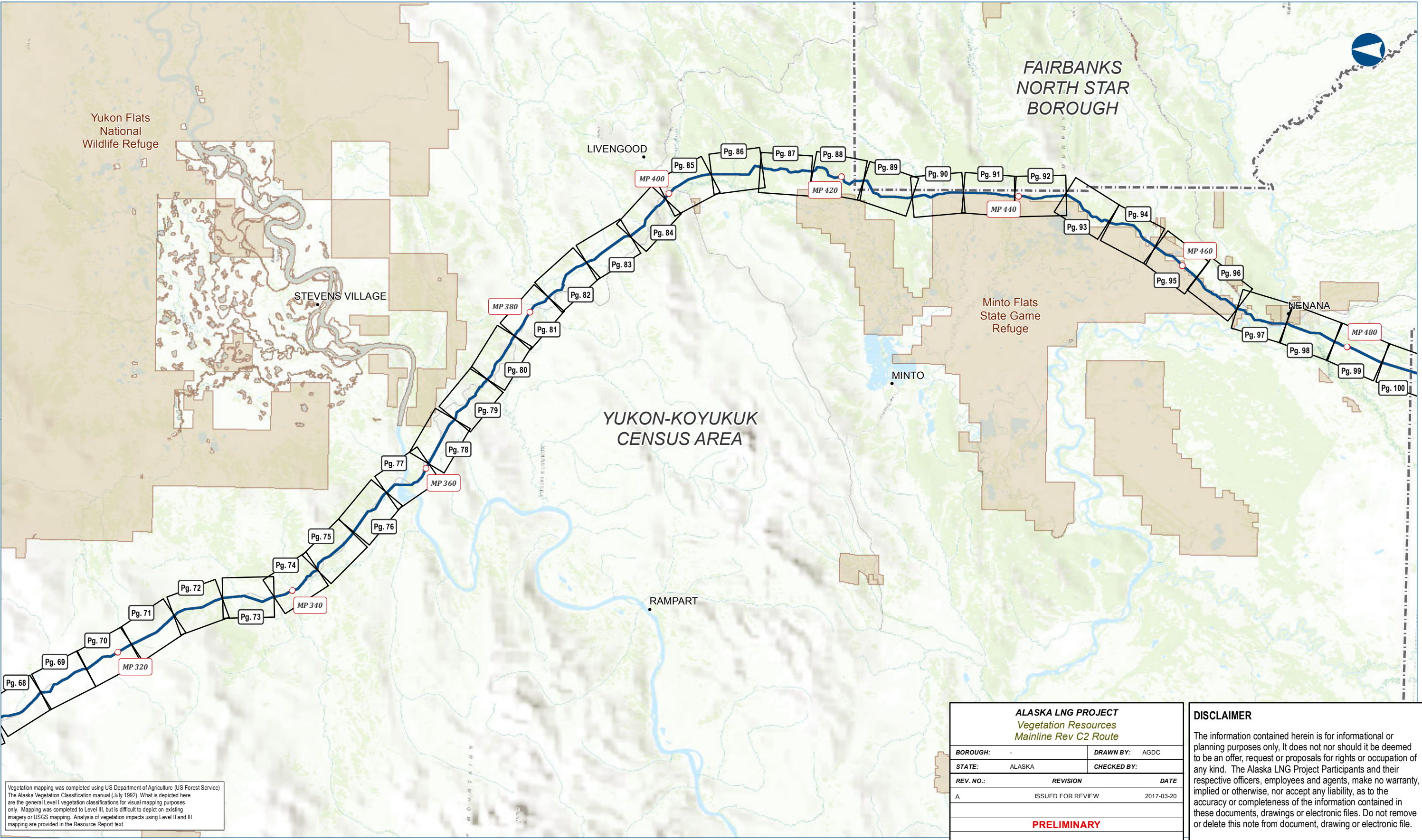


ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
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REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-20
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-20	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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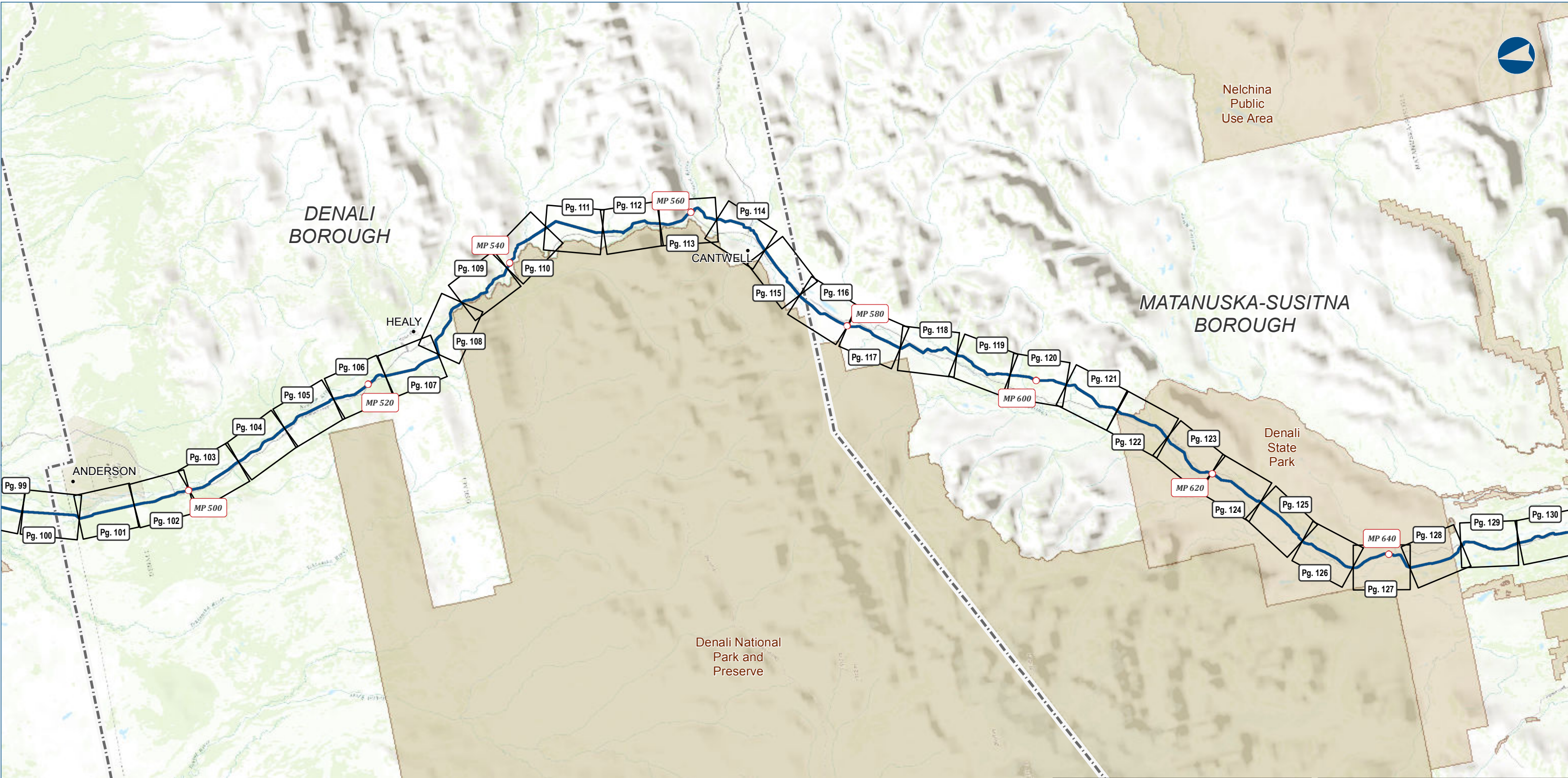


ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-20
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-20	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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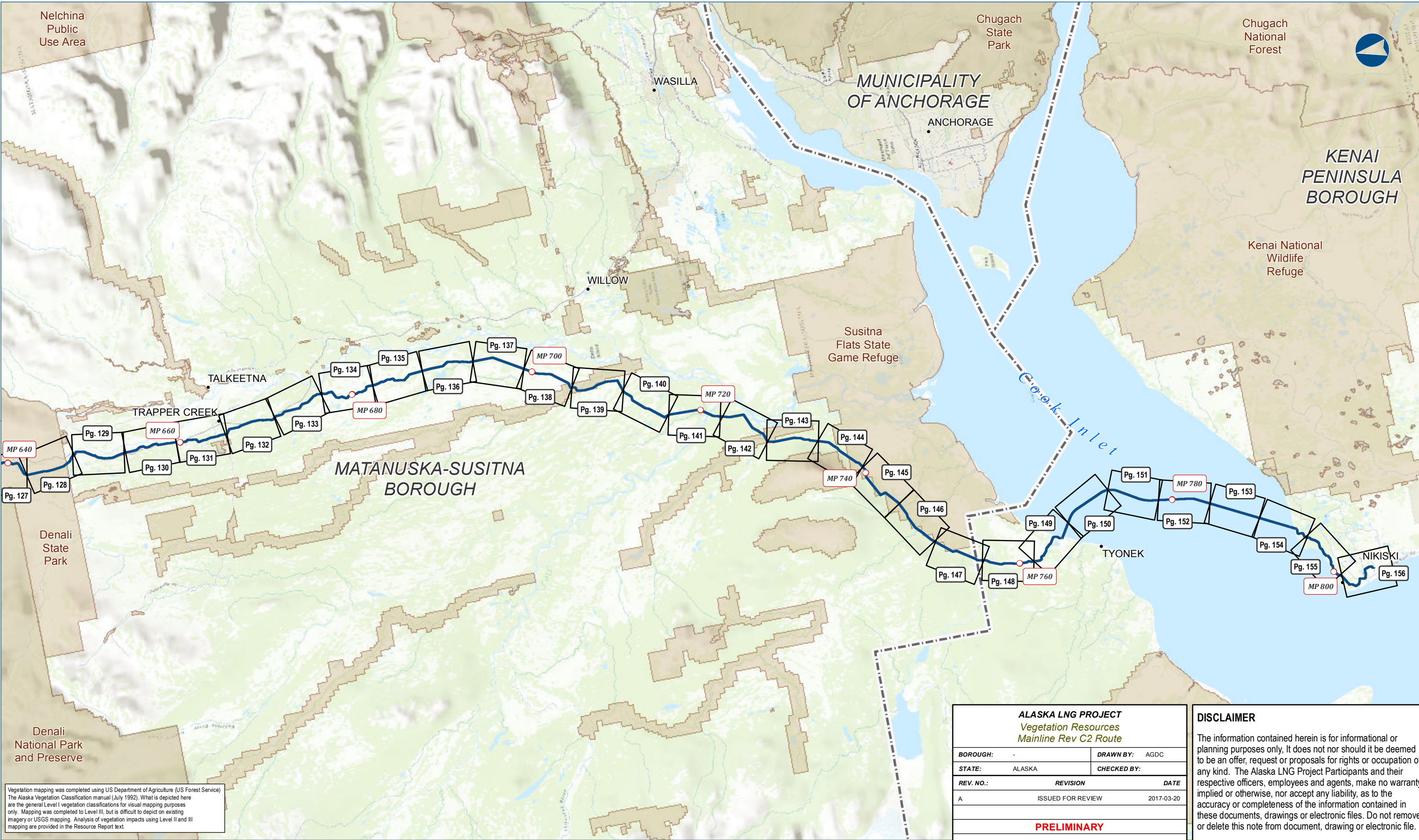
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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-20
PRELIMINARY		
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DATE: 2017-03-20	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR3_APPENDIX_B_1_2_MAINLINE_INDEX_REV_C2_CL

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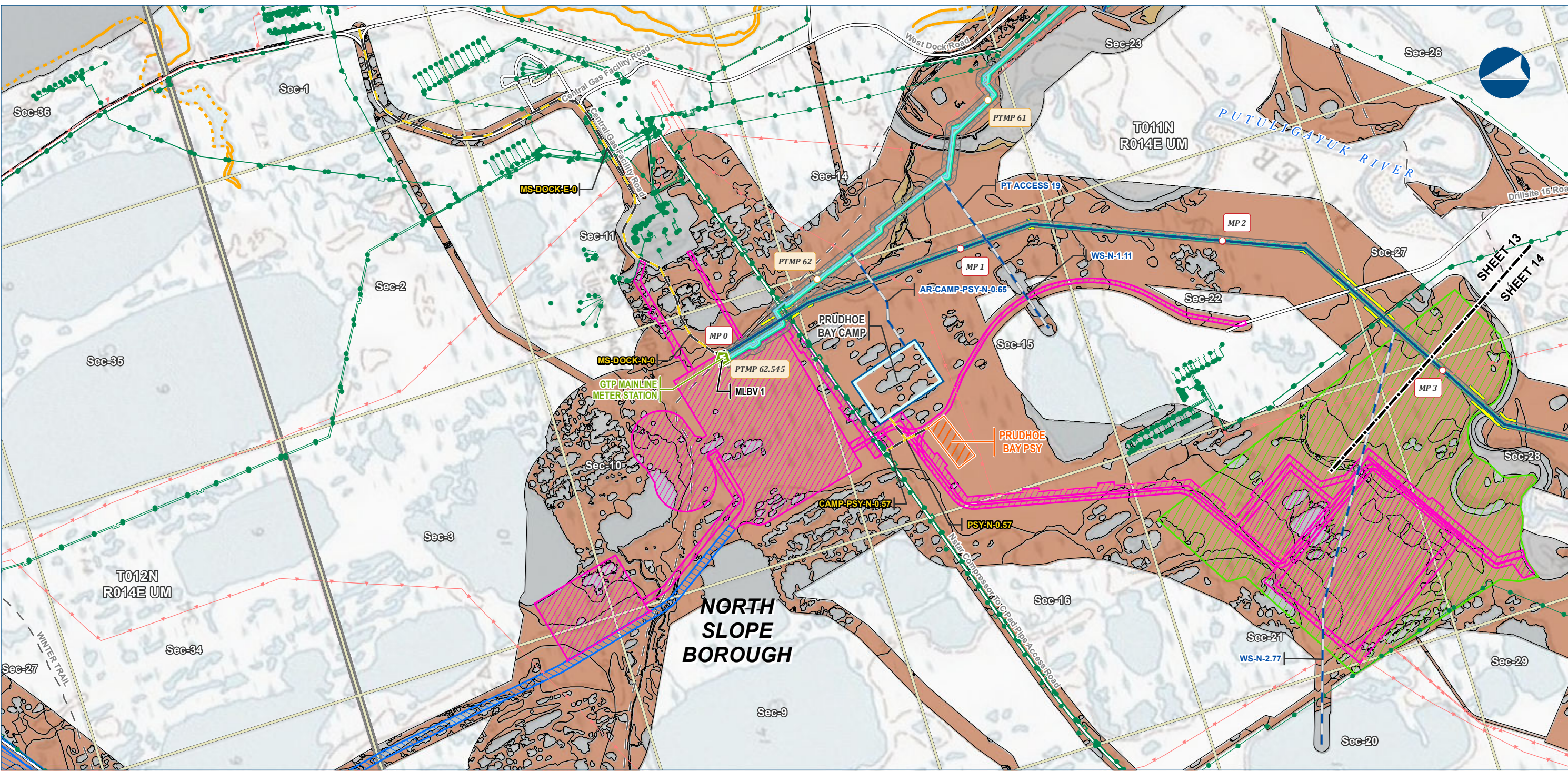


ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
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STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-20
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-20	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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**Legend**

**GTP**

- GTP Footprint - Permanent
- GTP Footprint - Construction
- GTP Mine/Reservoir Study Area

**PIPELINE**

- Alaska LNG Rev C2 Route
- Point Thomson Transmission Line
- Access Road - Gravel
- Access Road - Ice
- Ice Pad Access Road

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Existing Pipeline
- Overhead Powerline
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation
- Continuous Salt Marsh Vegetation
- Patchy Salt Marsh Vegetation

**Meter Station**

- Meter Station
- Mainline Blockvalve

**PERMANENT ROW**

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

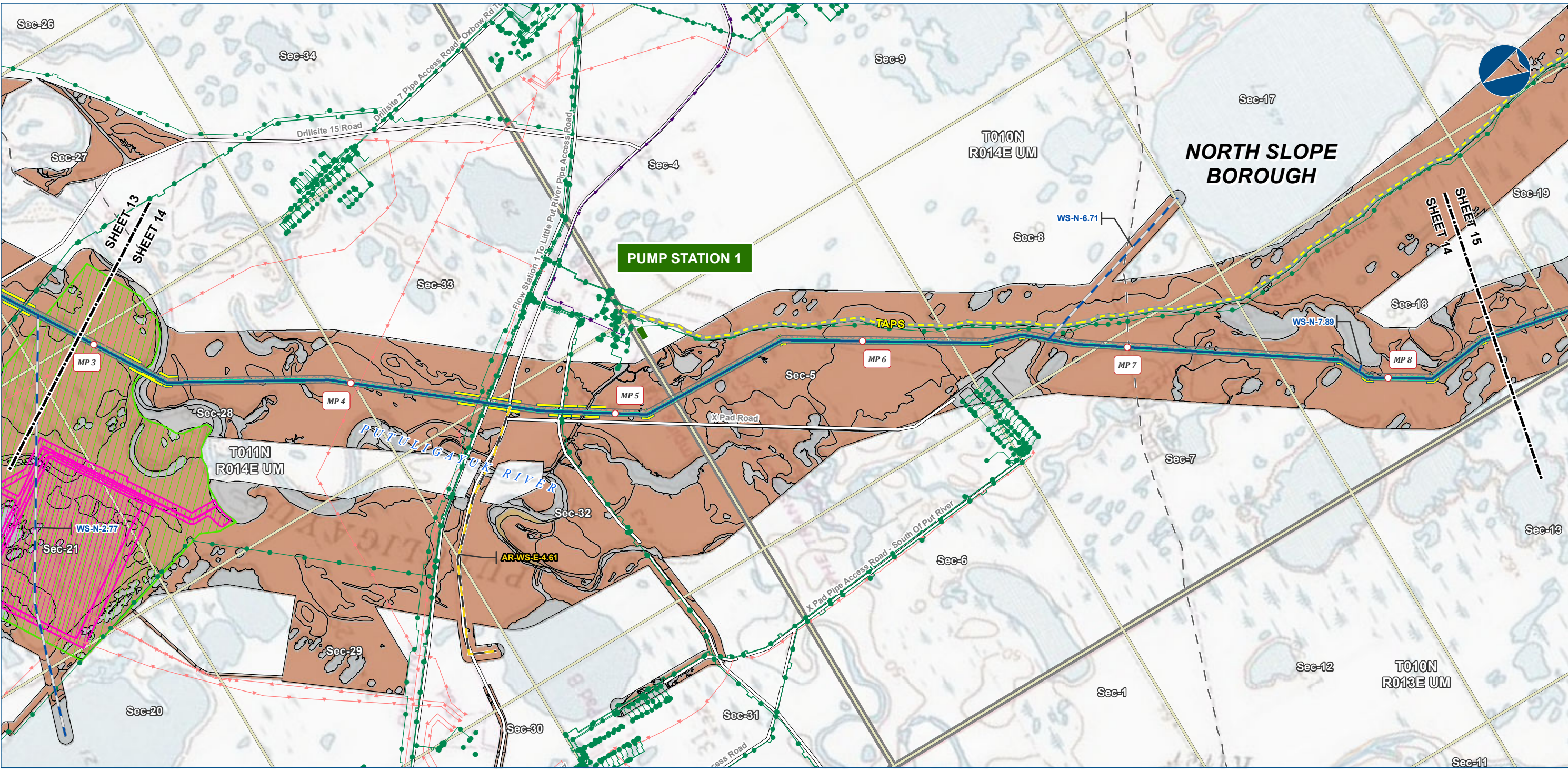
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REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-30
PRELIMINARY		
1:24,000		
DATE: 2017-03-30	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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Alaska LNG Project

**Legend**

**GTP**

- GTP Footprint - Permanent
- GTP Mine/Reservoir Study Area

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

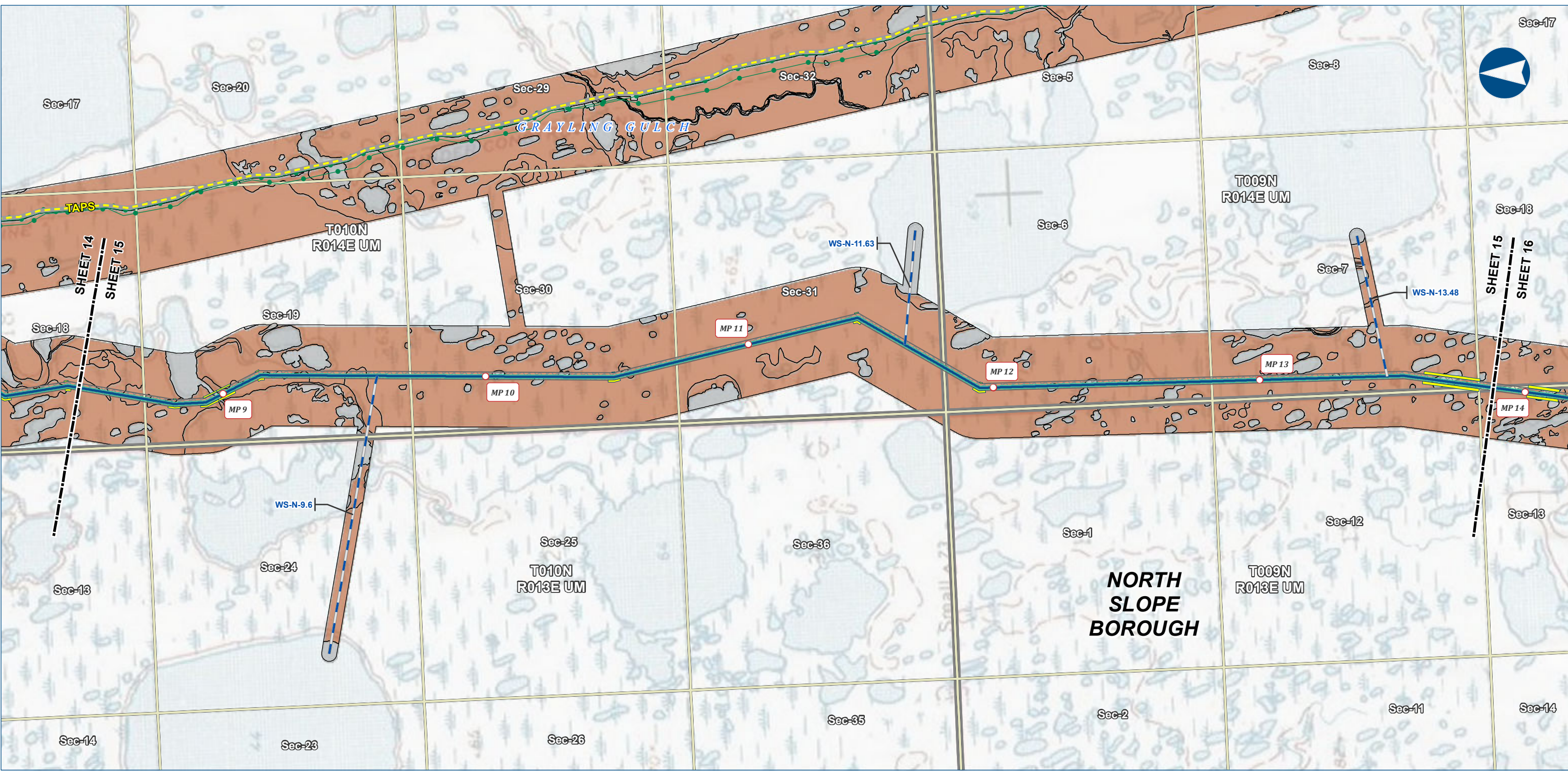
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SHEET: 14





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Ice

**PERMANENT ROW**

- Permanent ROW
- Construction ROW
- ATWS

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- III - Herbaceous
- No Vegetation

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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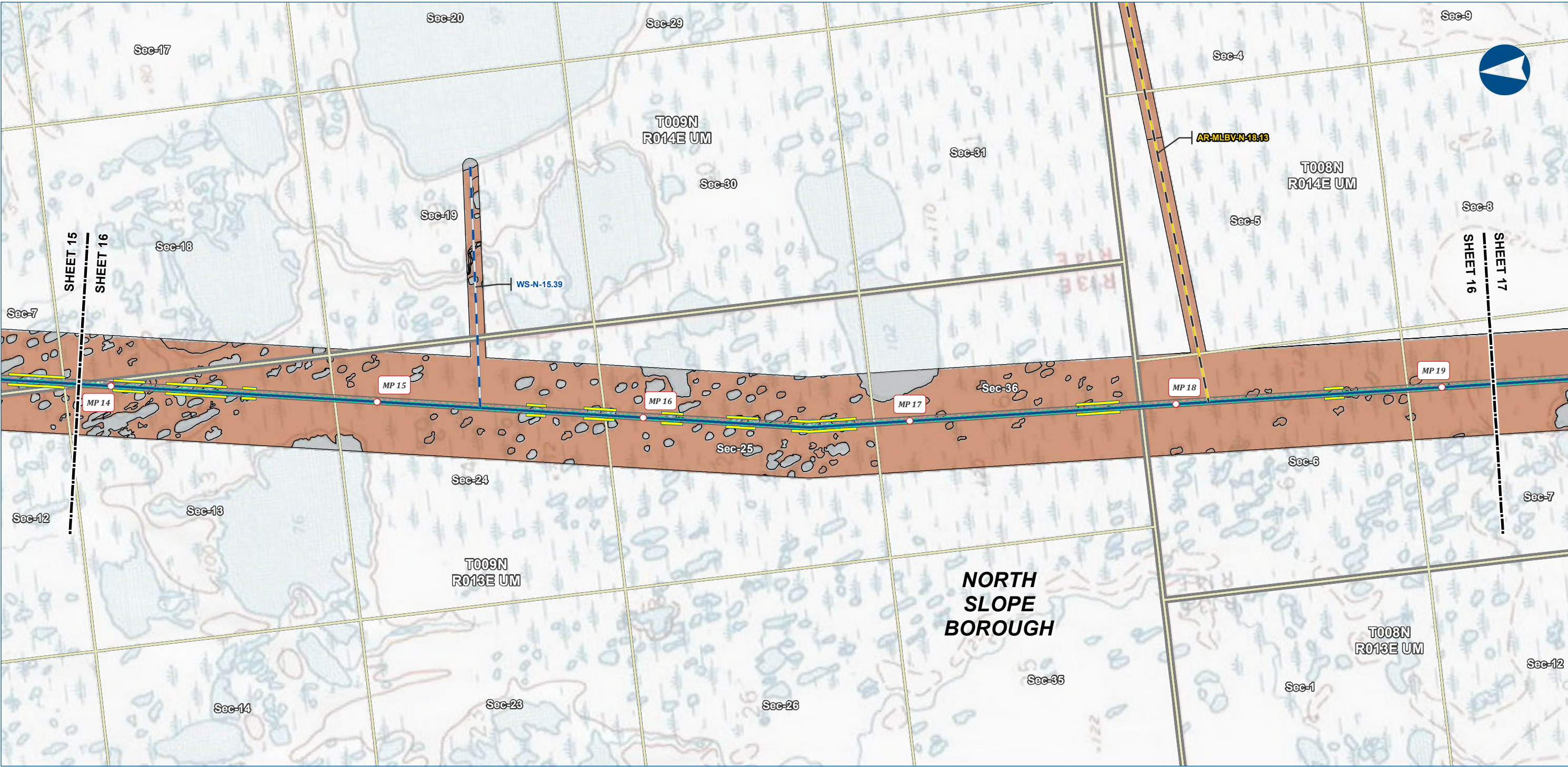
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 15





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Permanent ROW
- Construction ROW
- Existing Roads
- Section
- Township
- ATWS

**VEGETATION**

**Viereck Level 1**

- III - Herbaceous
- No Vegetation

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
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0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

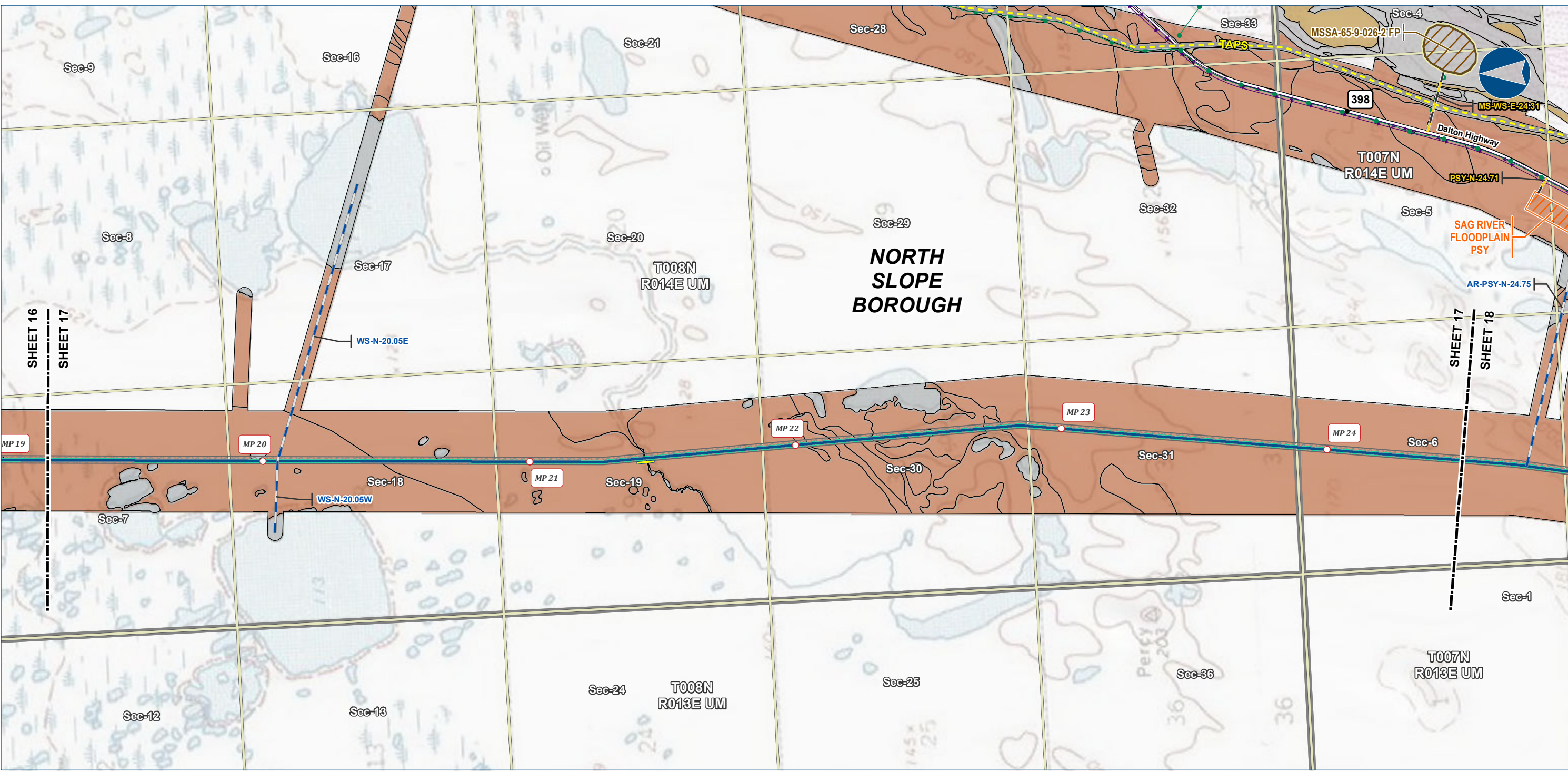
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 16





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

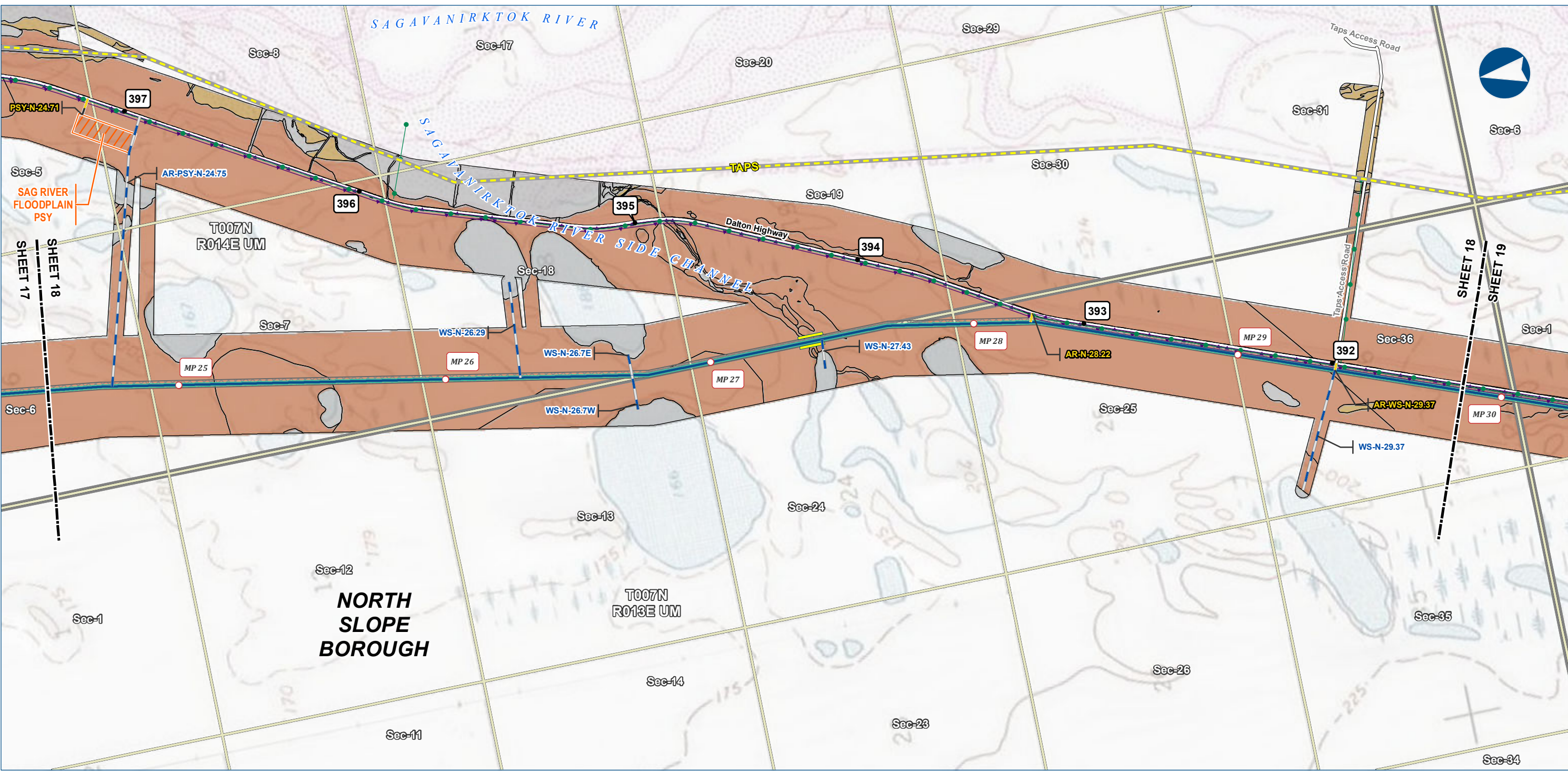
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 17





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)

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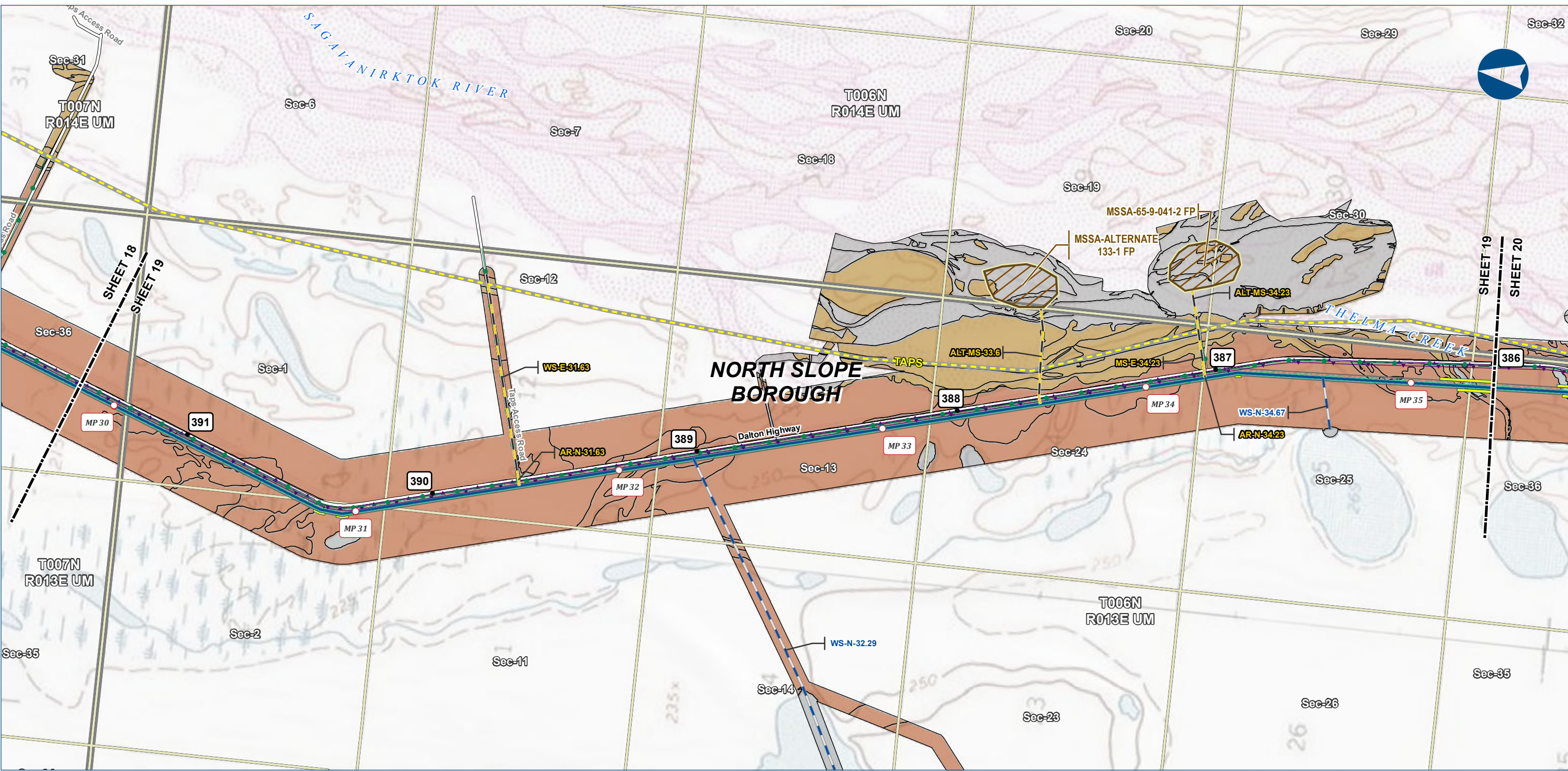
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REV. NO.:	REVISION	DATE
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PRELIMINARY		
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DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

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BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

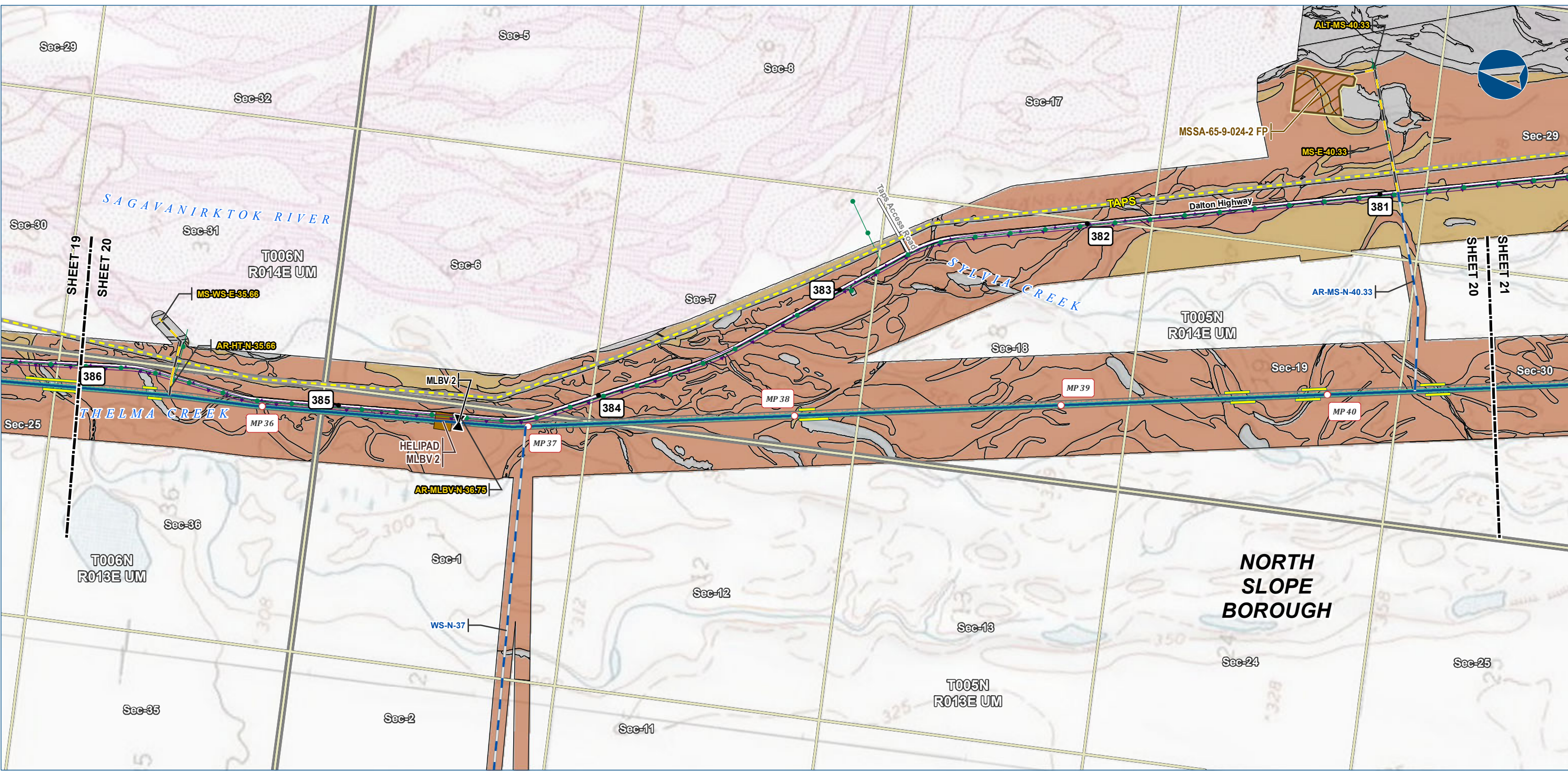
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 19





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**PERMANENT ROW**

- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

**Other Features**

- Helipad
- Helipad

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STATE:	ALASKA	CHECKED BY:
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A	ISSUED FOR REVIEW	2017-03-21
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0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

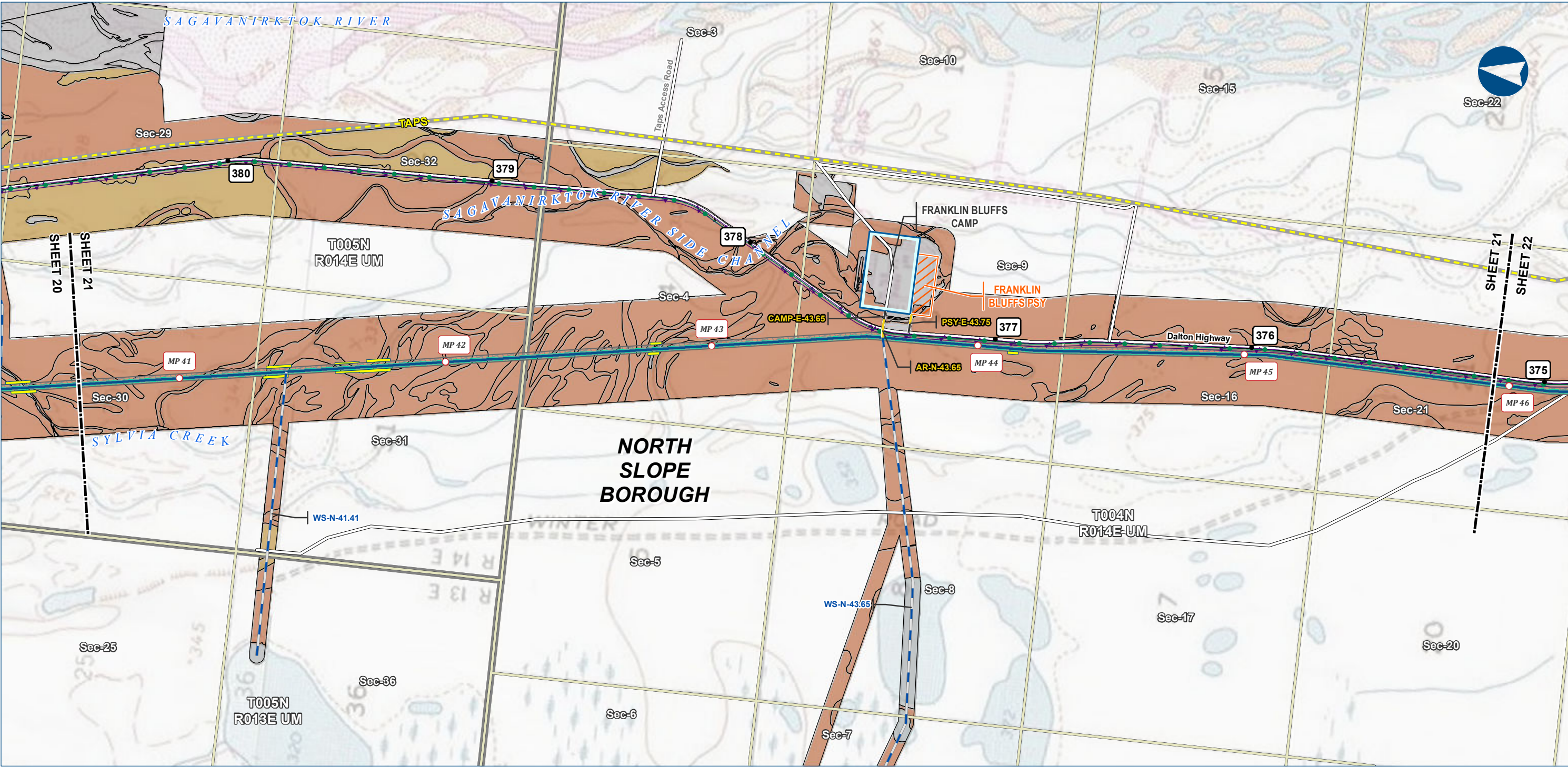
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 20





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)

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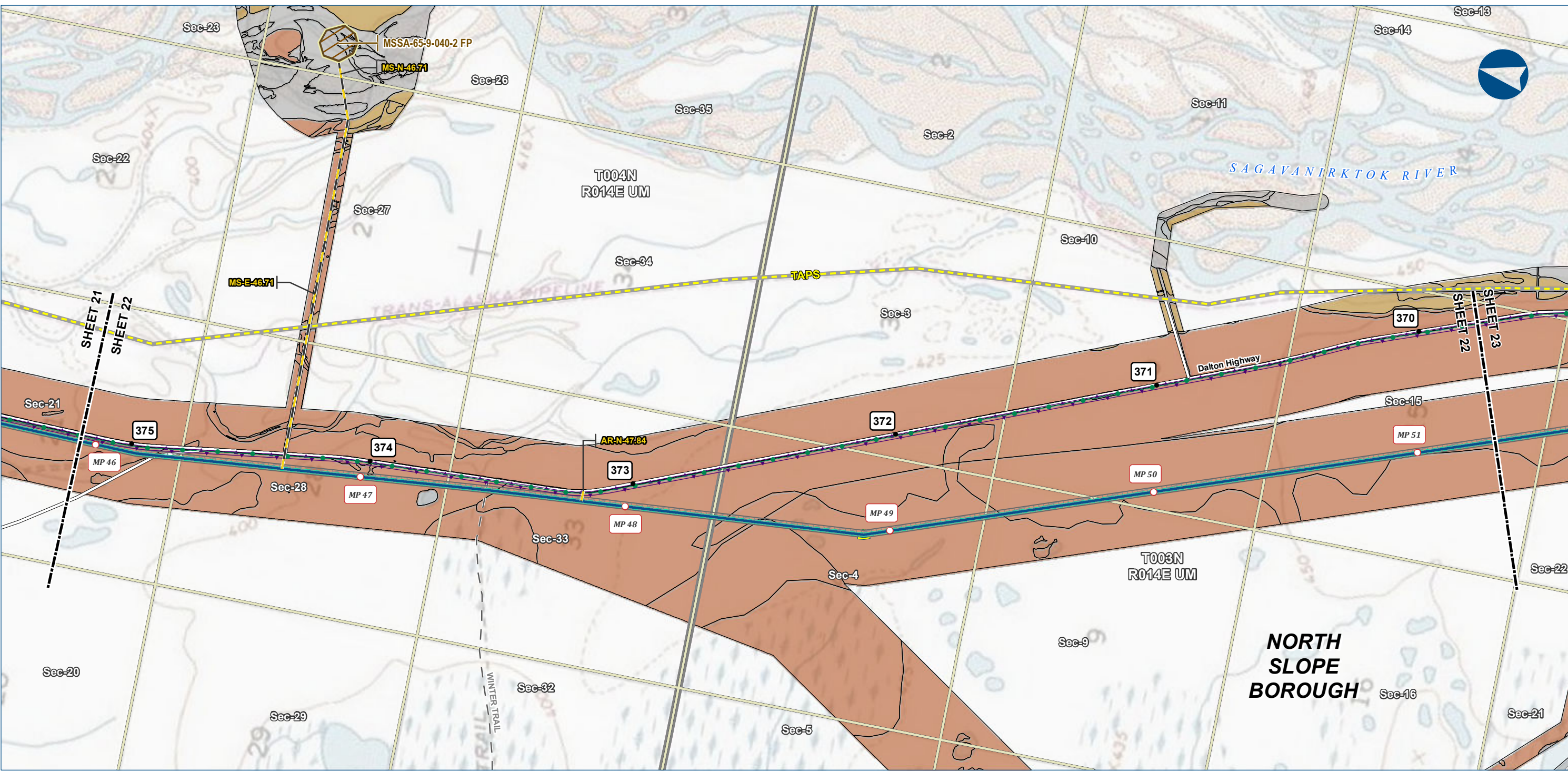
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BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
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REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 21





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**PERMANENT ROW**

- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

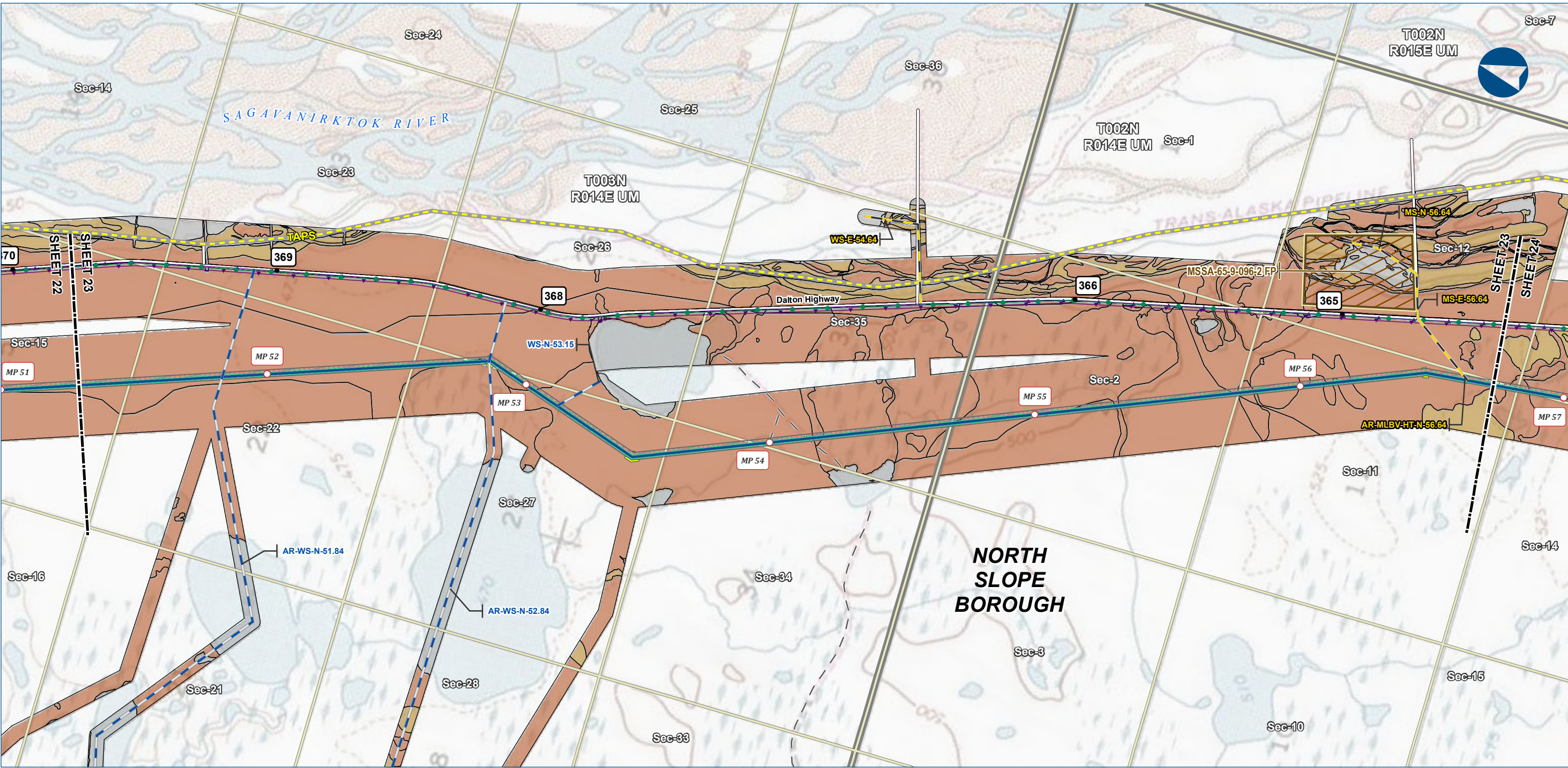
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 22





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**PERMANENT ROW**

- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

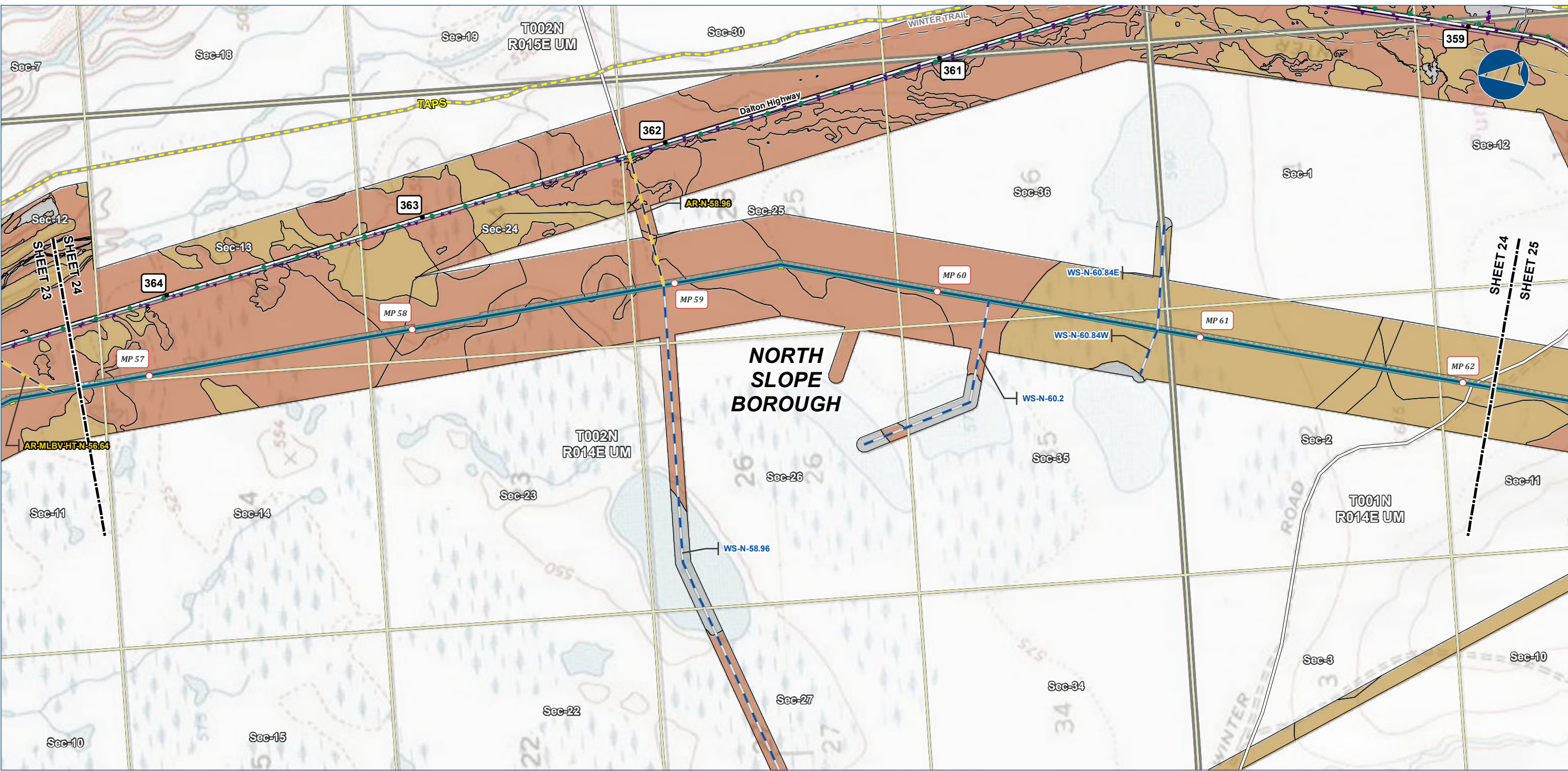
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 23





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

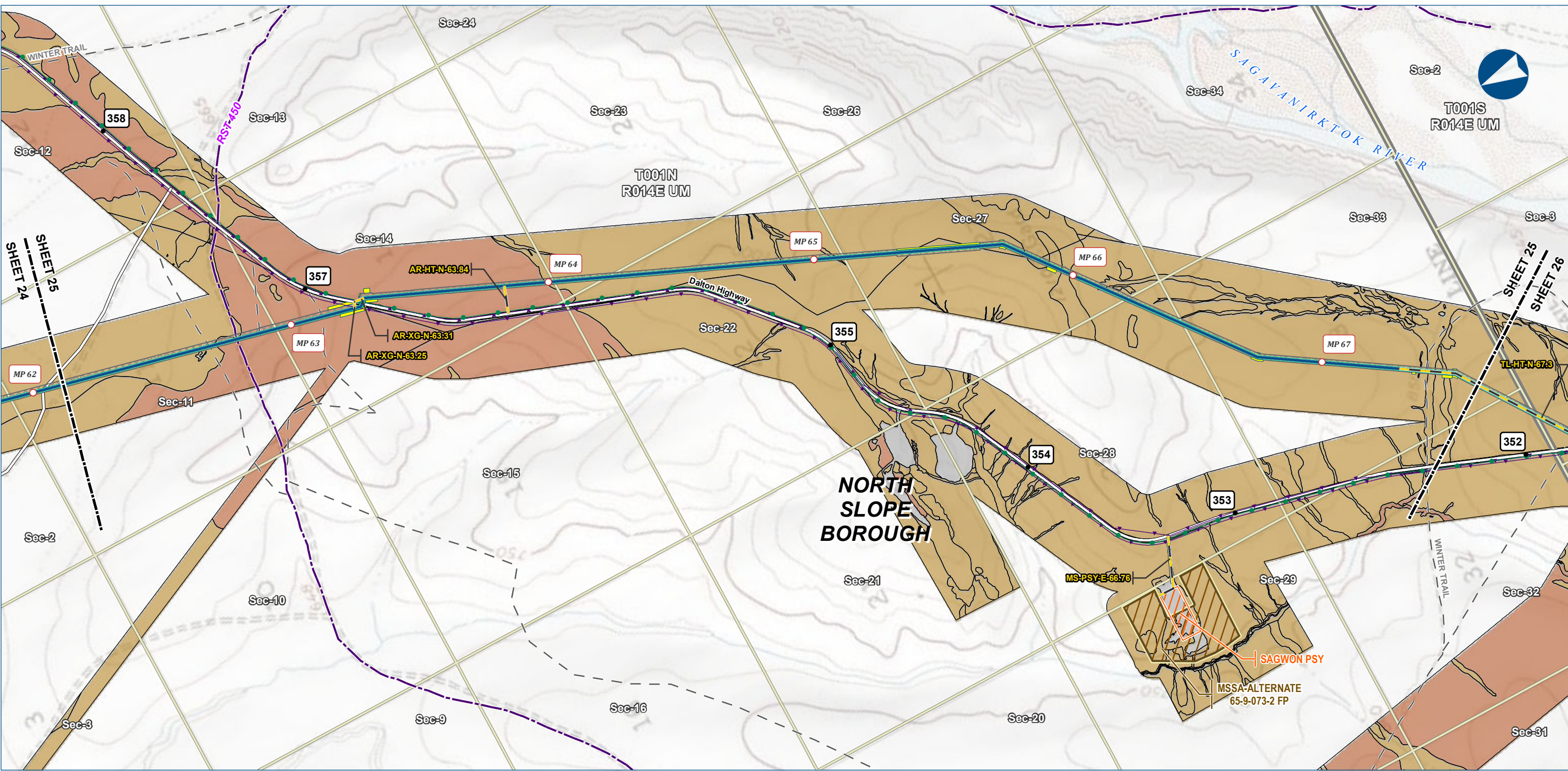
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 24





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

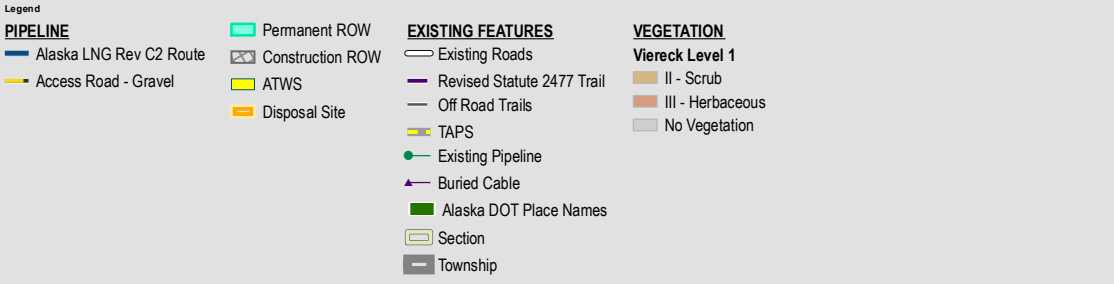
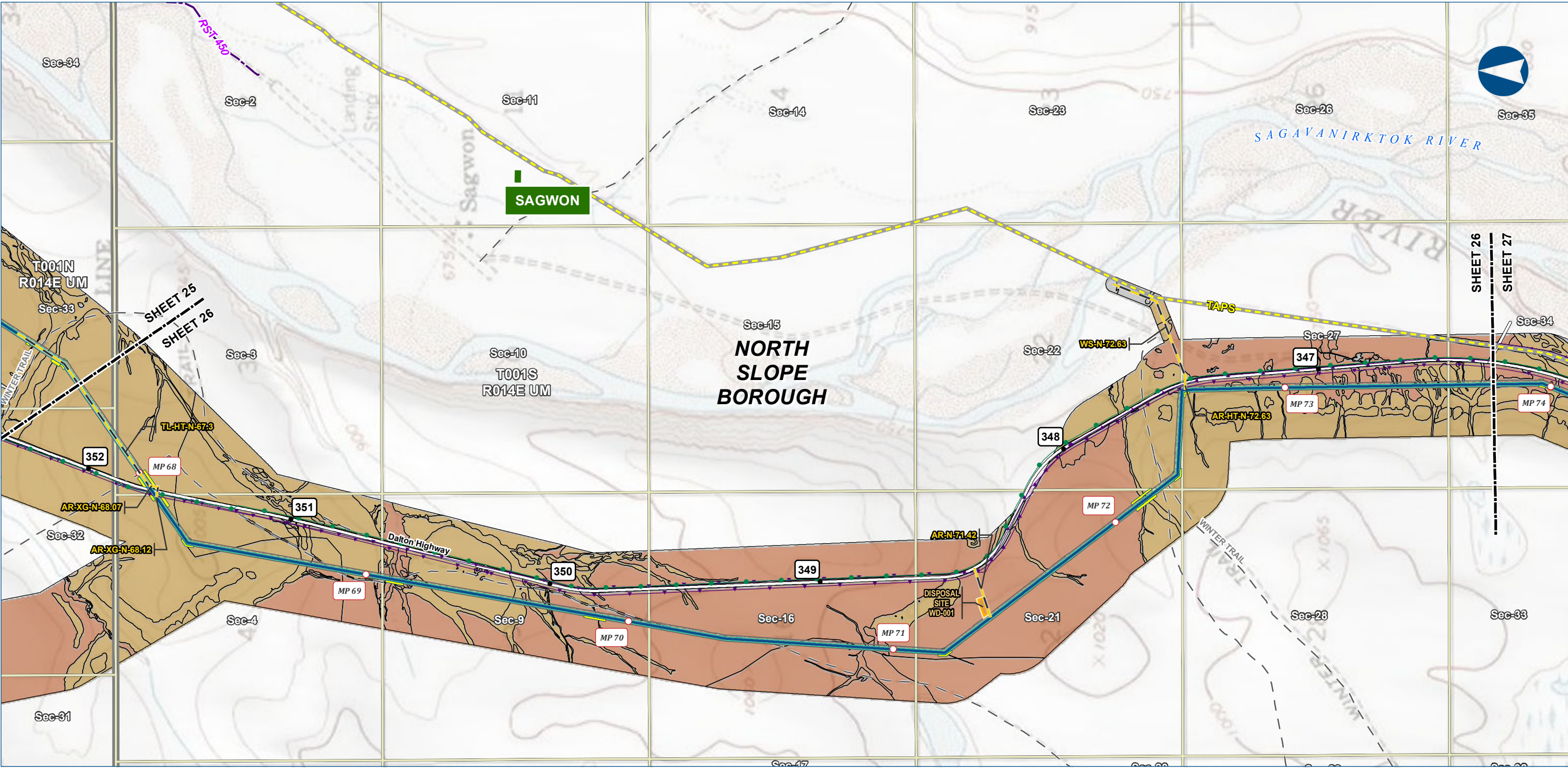
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 25

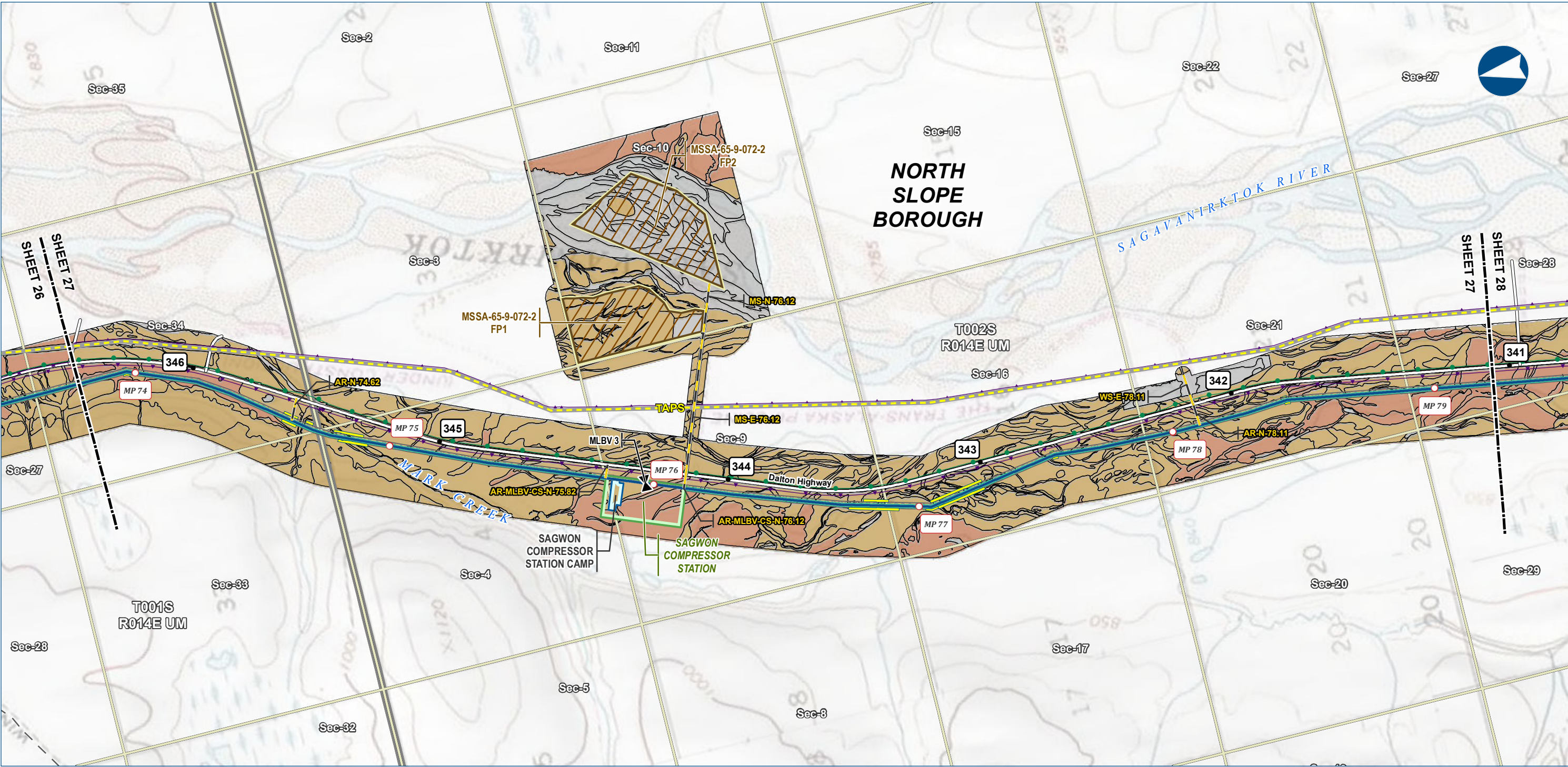




ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR3_APPENDIX_B1_MAINLINE_TOPO_REV_C2_CL SHEET: 26





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

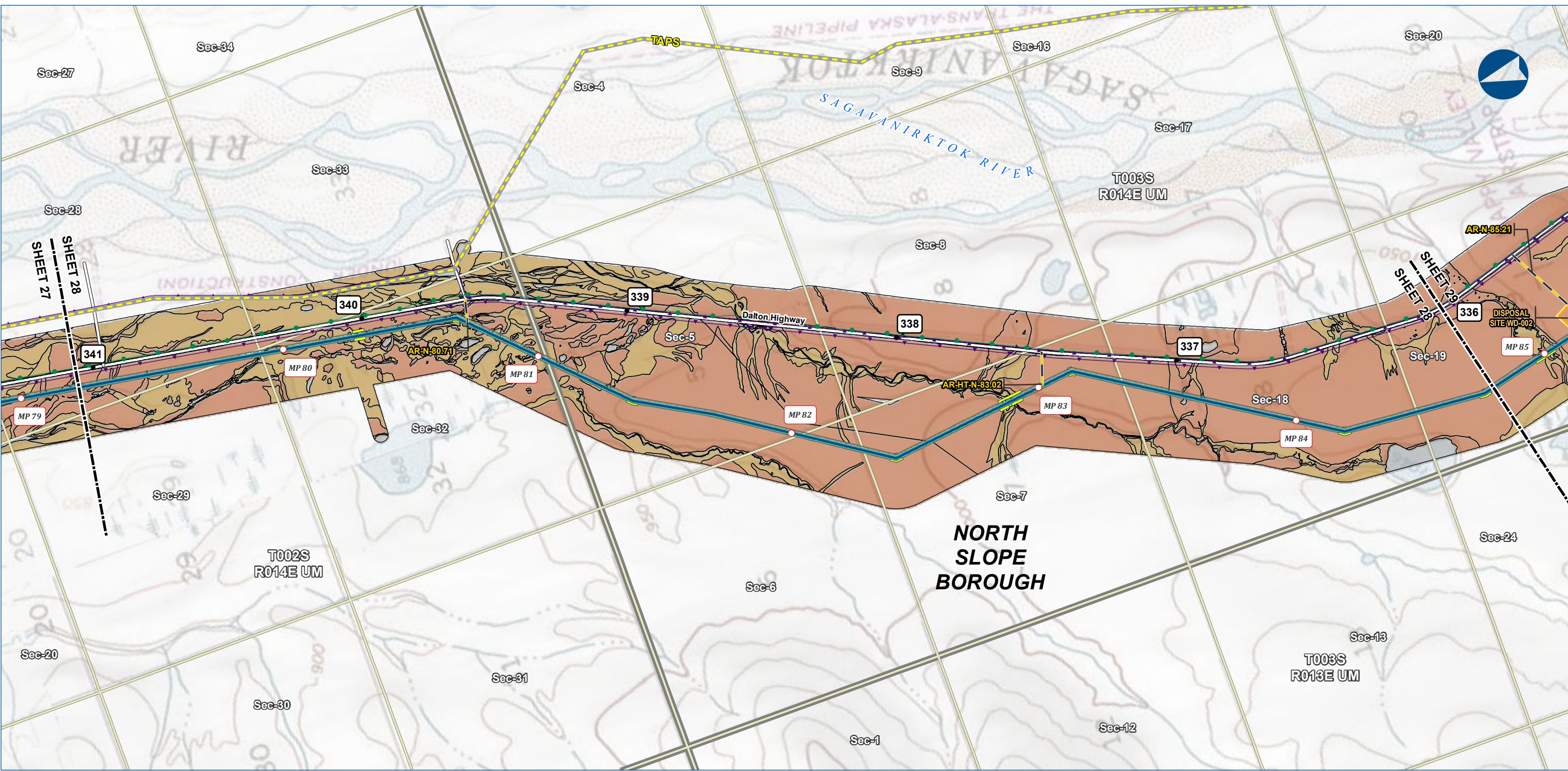
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 27





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

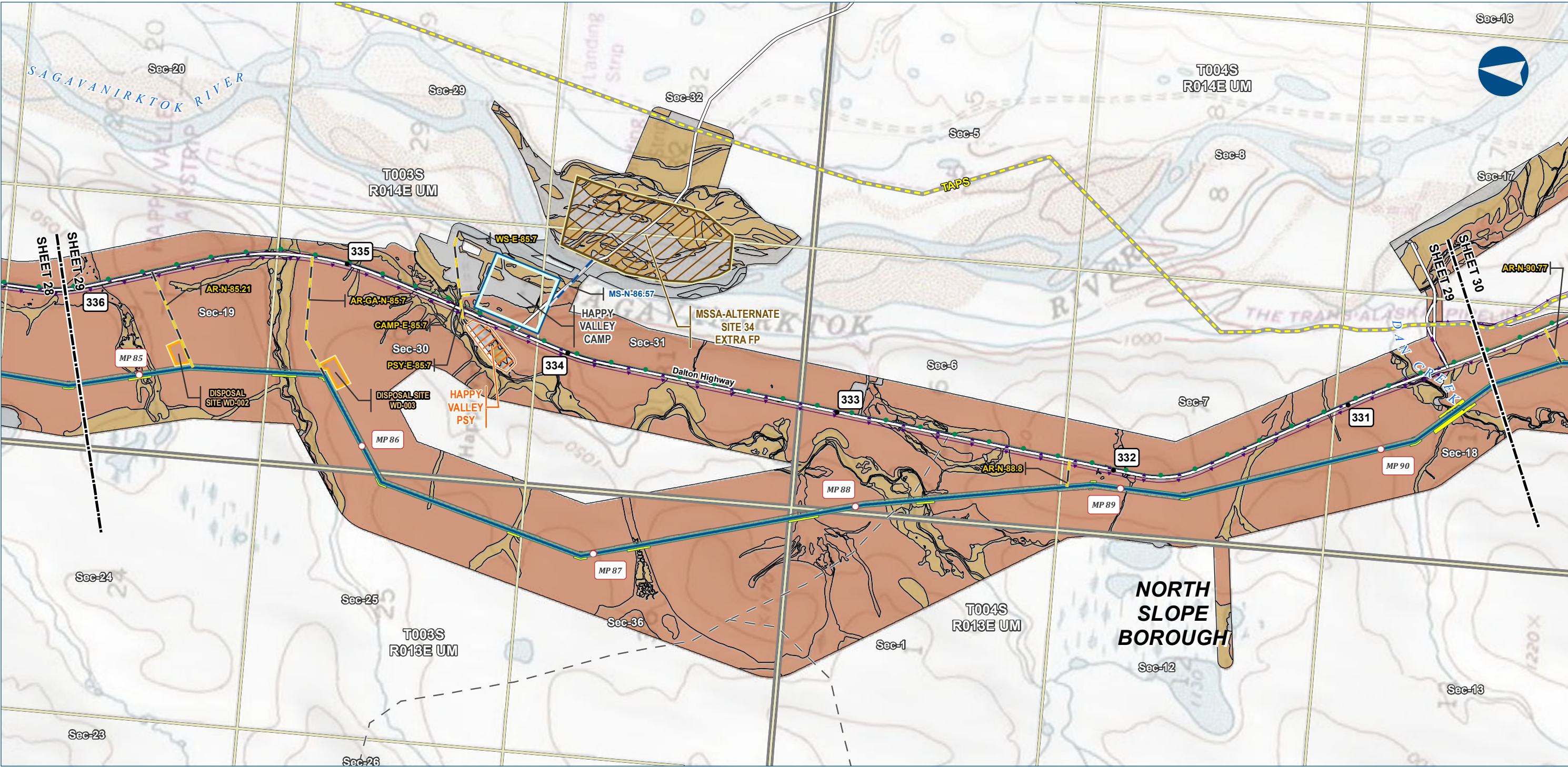
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 28





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Access Road - Ice

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
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A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
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0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

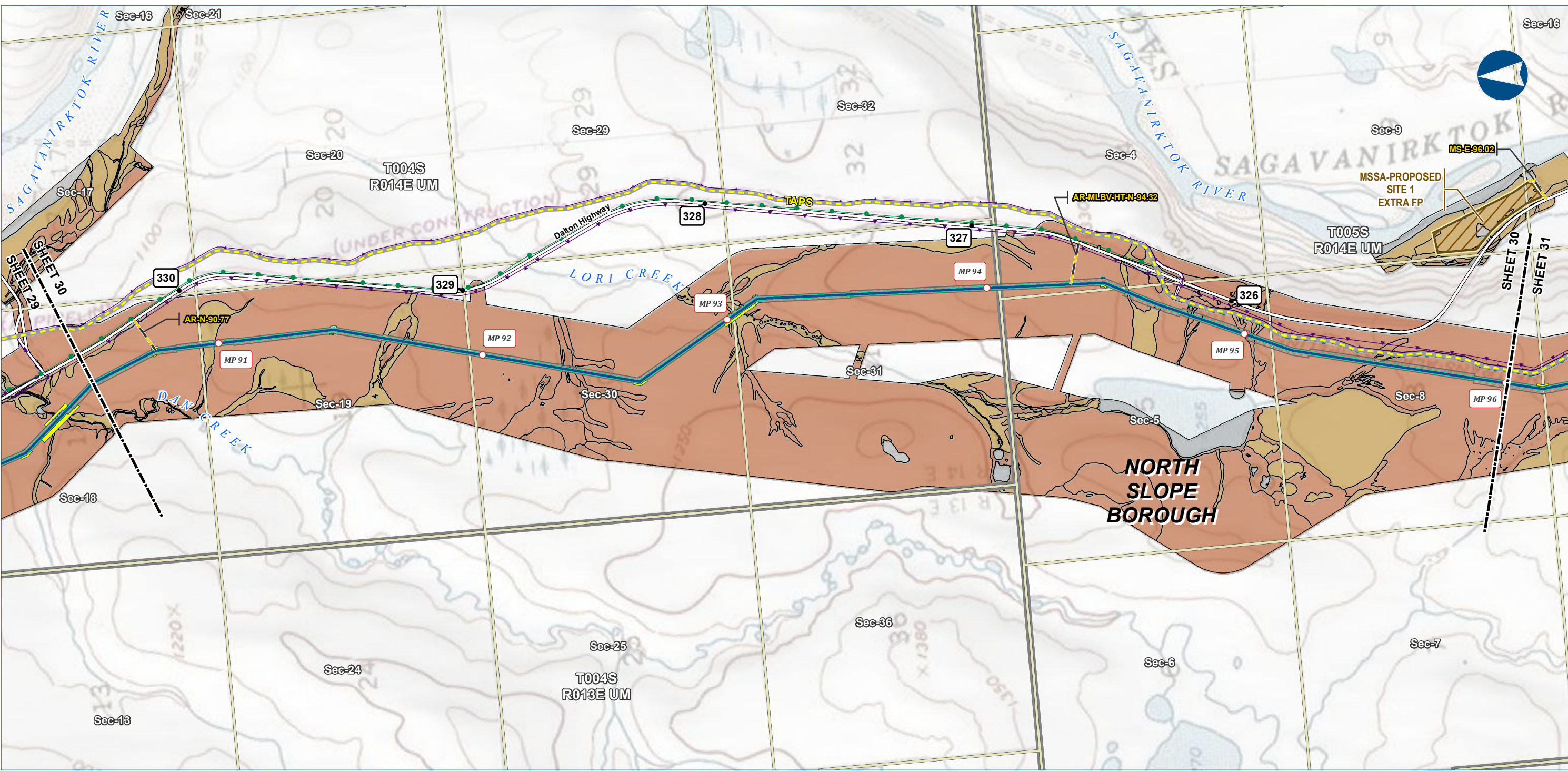
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 29





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Legend Items:**

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

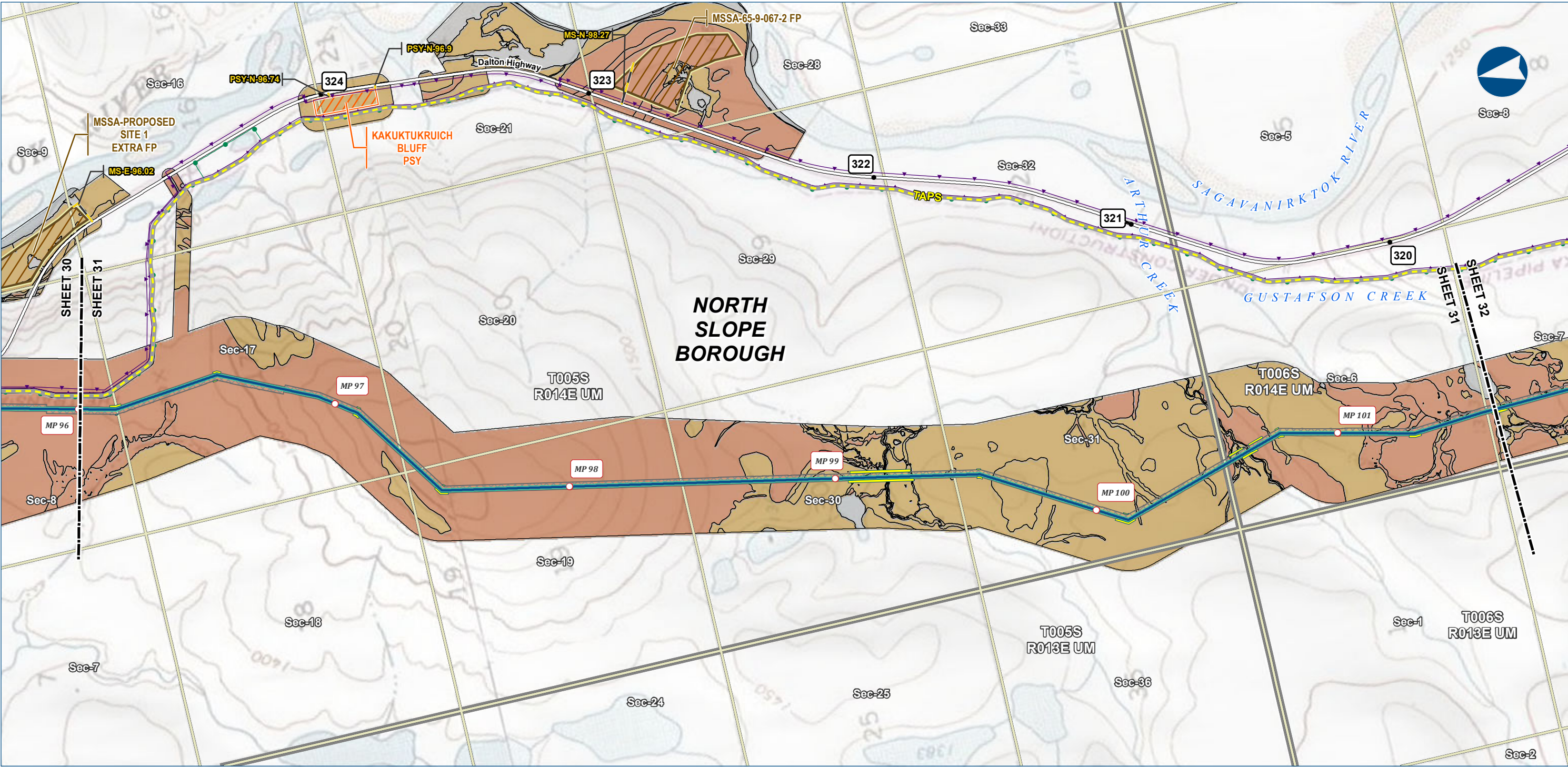
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SHEET: 30





Alaska LNG Project

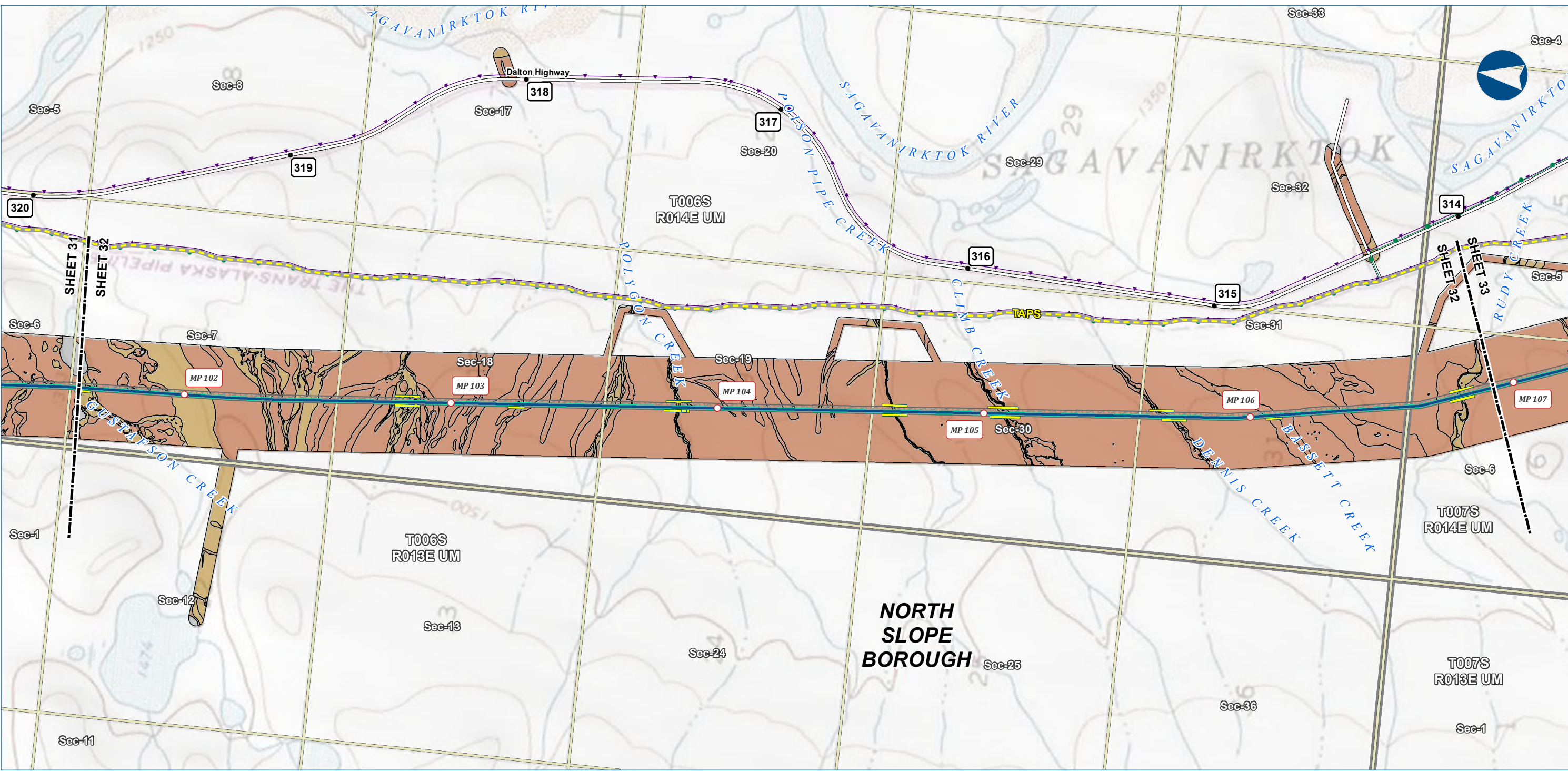
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Existing Roads
  - TAPS
  - Existing Pipeline
  - Buried Cable
  - Section
  - Township
- VEGETATION**
- Viereck Level 1**
- II - Scrub
  - III - Herbaceous
  - No Vegetation
- Other Features:**
- Permanent ROW
  - Construction ROW
  - ATWS
  - Pipe Storage Yard (PSY)
  - Material Site Study Area (MSSA)

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR3_APPENDIX_B1_MAINLINE_TOPO_REV_C2_CL	SHEET: 31





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**ROW**

- Permanent ROW
- Construction ROW
- ATWS

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

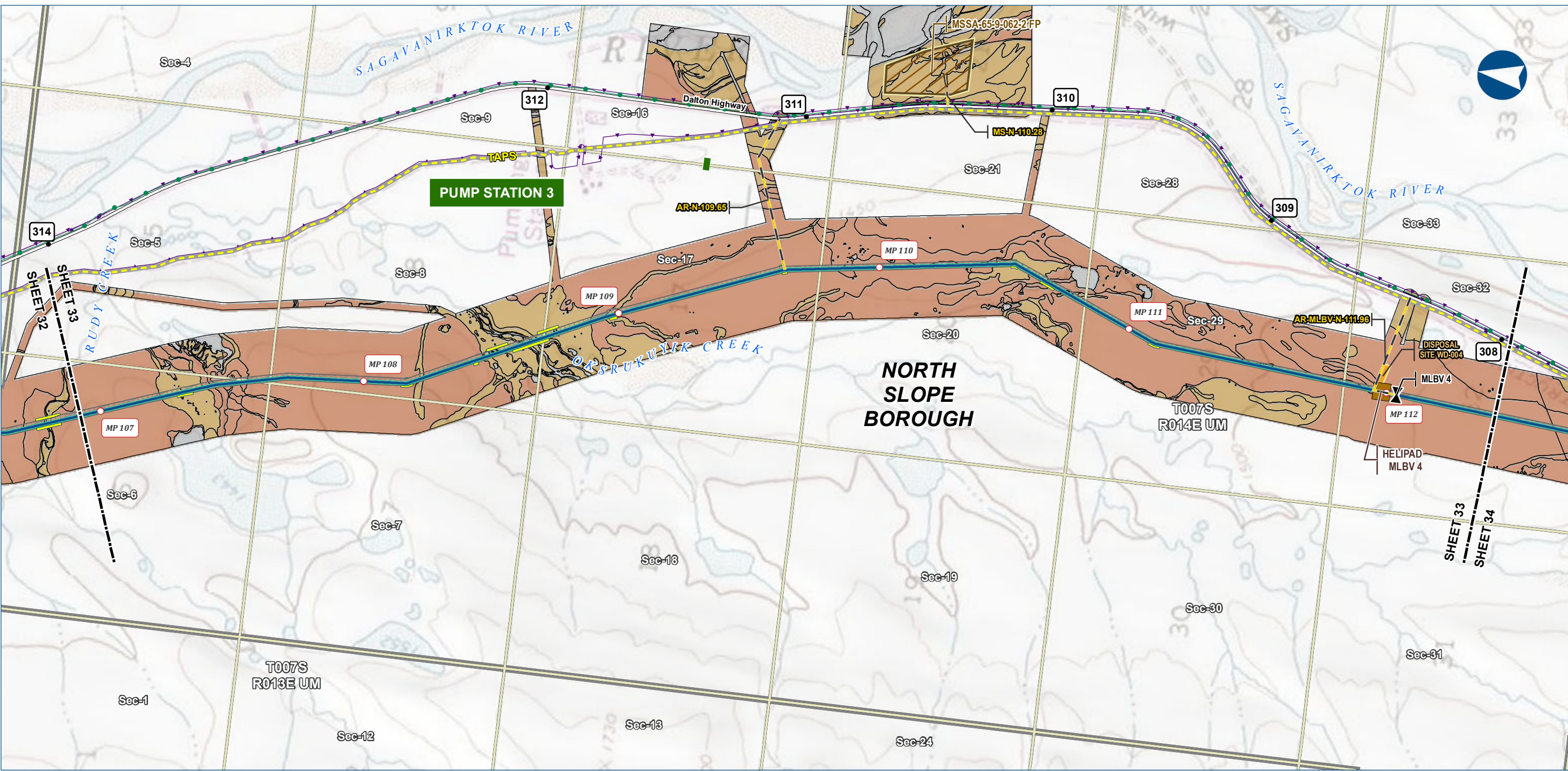
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 32





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

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BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

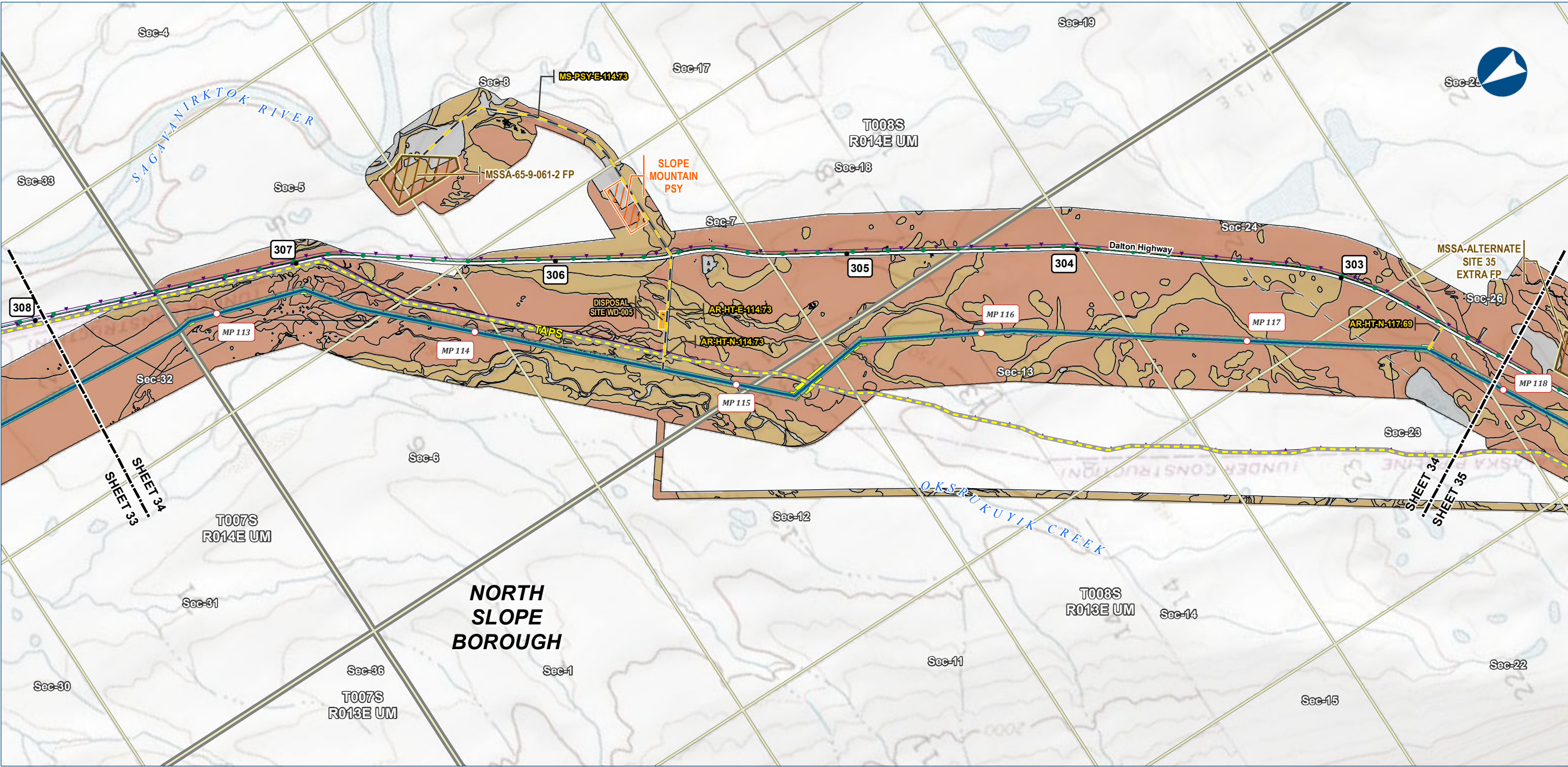
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 33





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

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ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

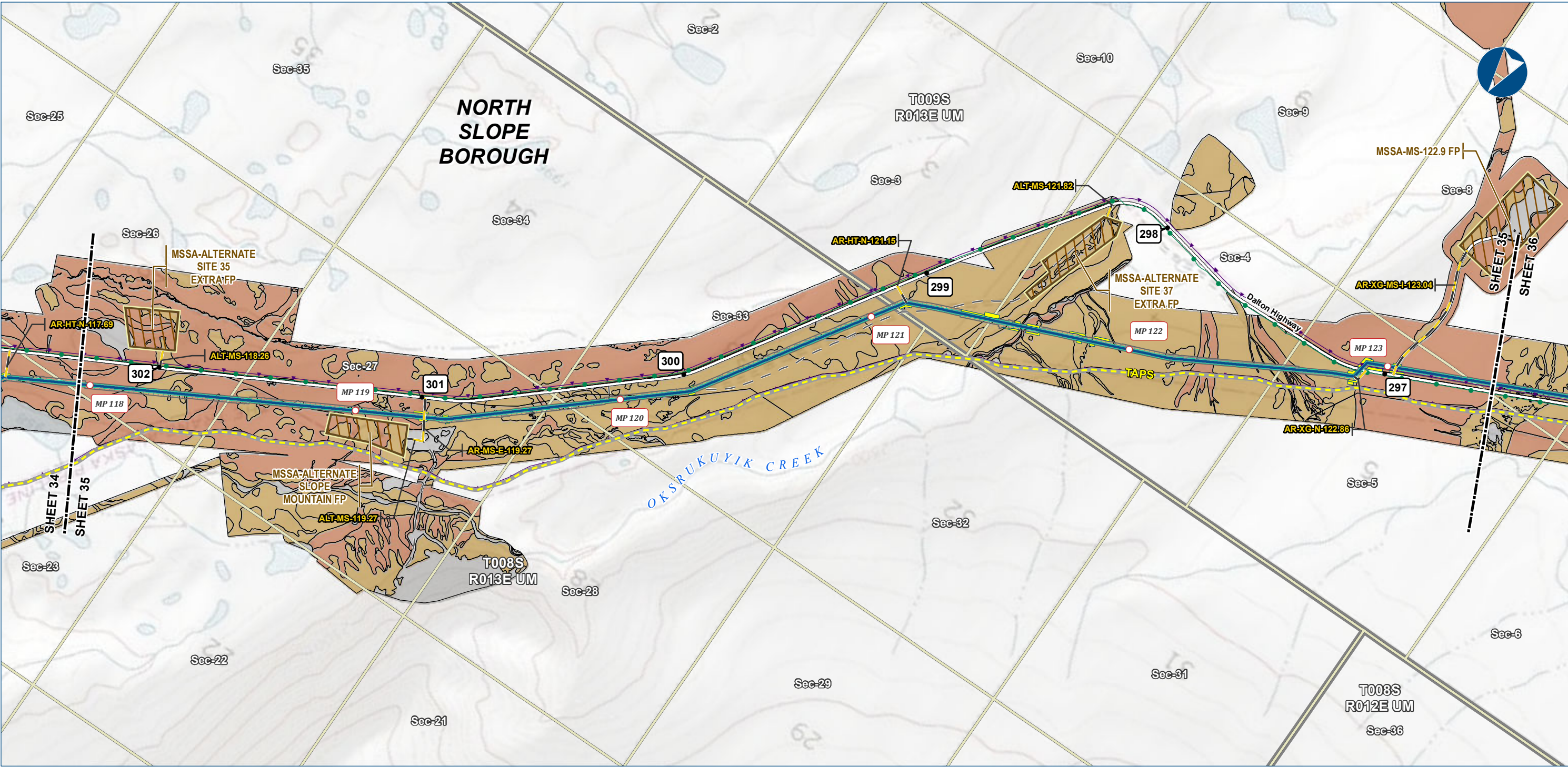
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 34





Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Existing Roads
  - Off Road Trails
  - TAPS
  - Existing Pipeline
  - Buried Cable
  - Section
  - Township

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

- VEGETATION**
- Viereck Level 1**
- II - Scrub
  - III - Herbaceous
  - No Vegetation

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

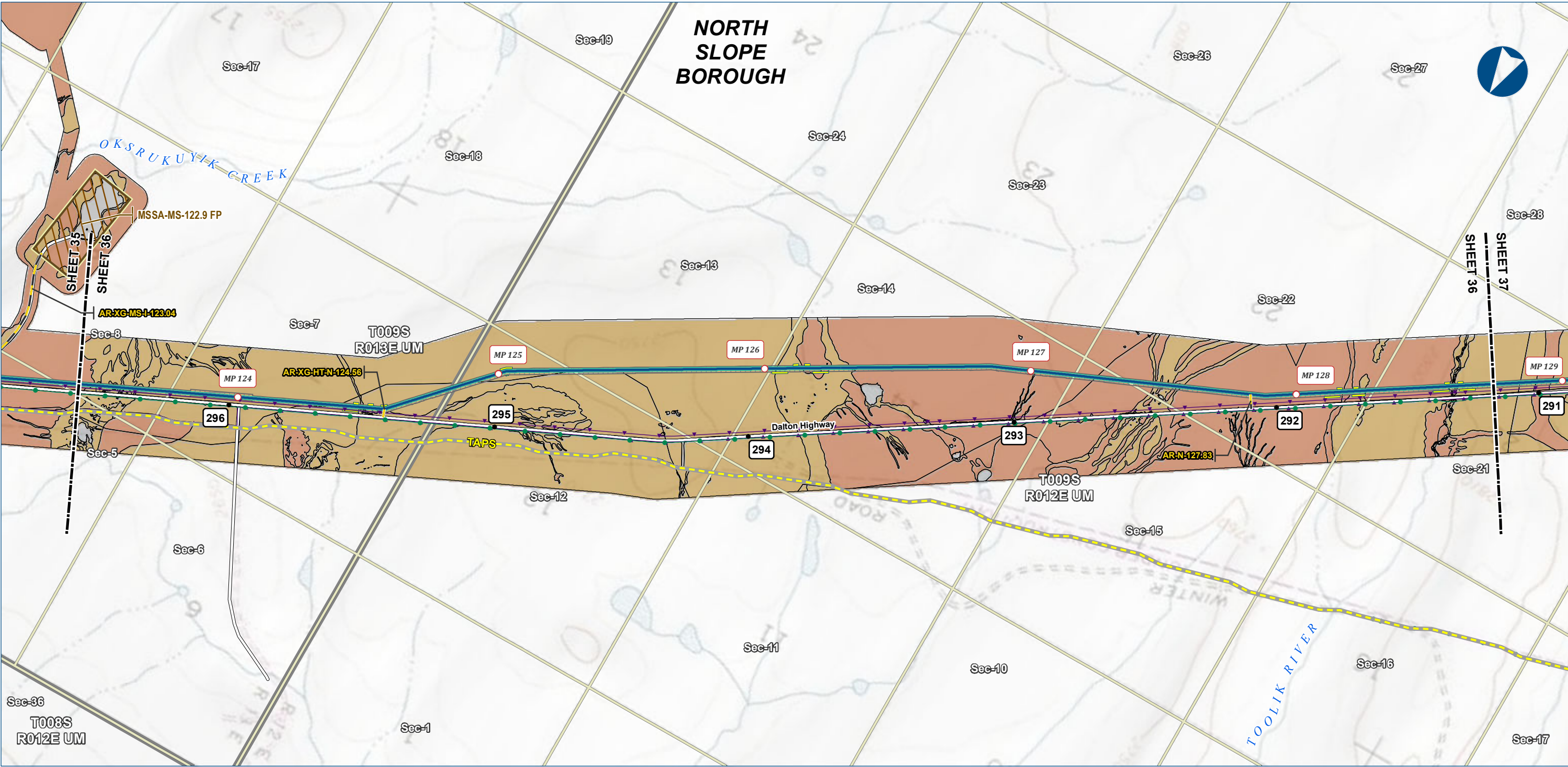
ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 35





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Legend Items:**

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

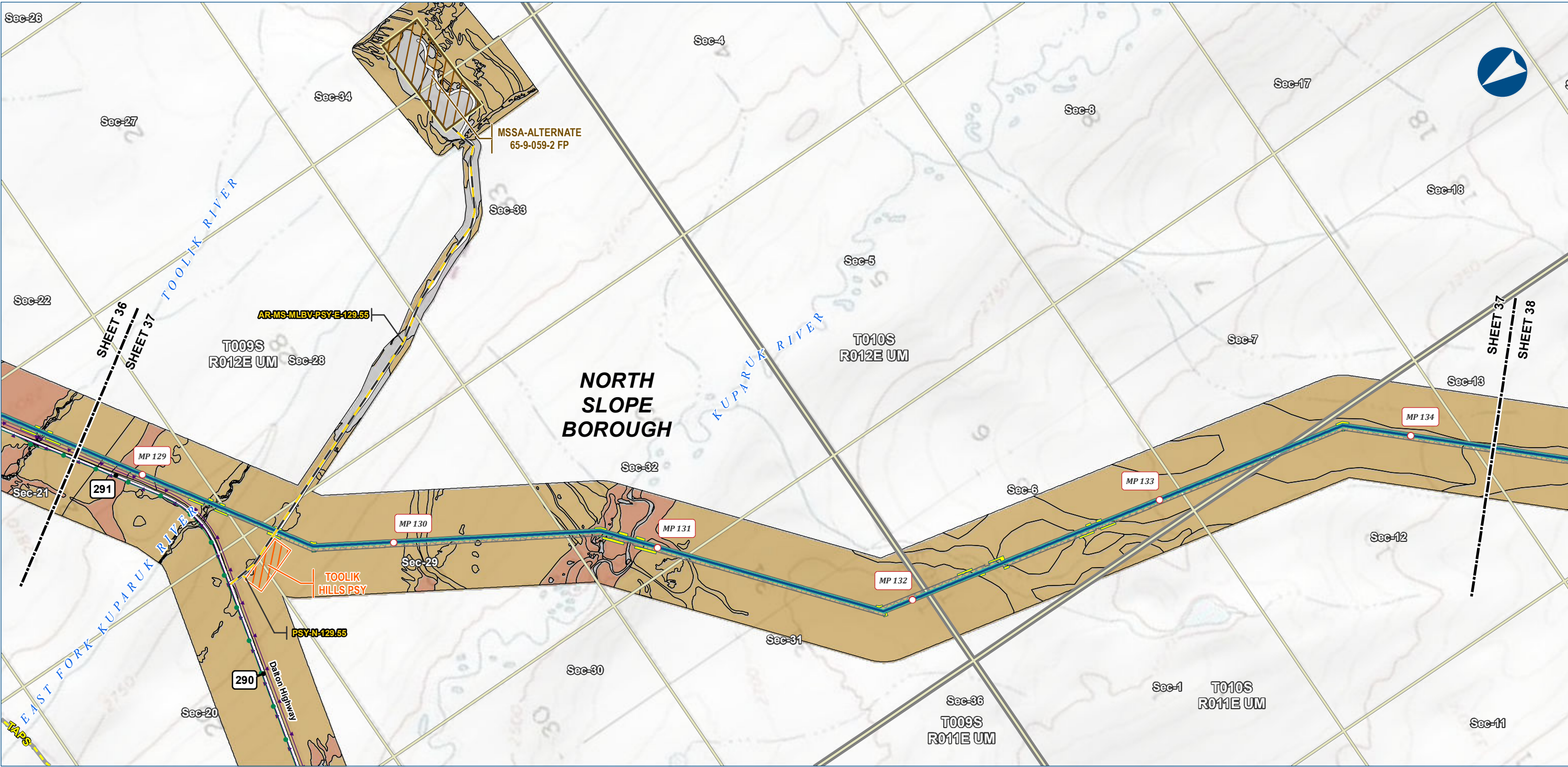
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 36





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

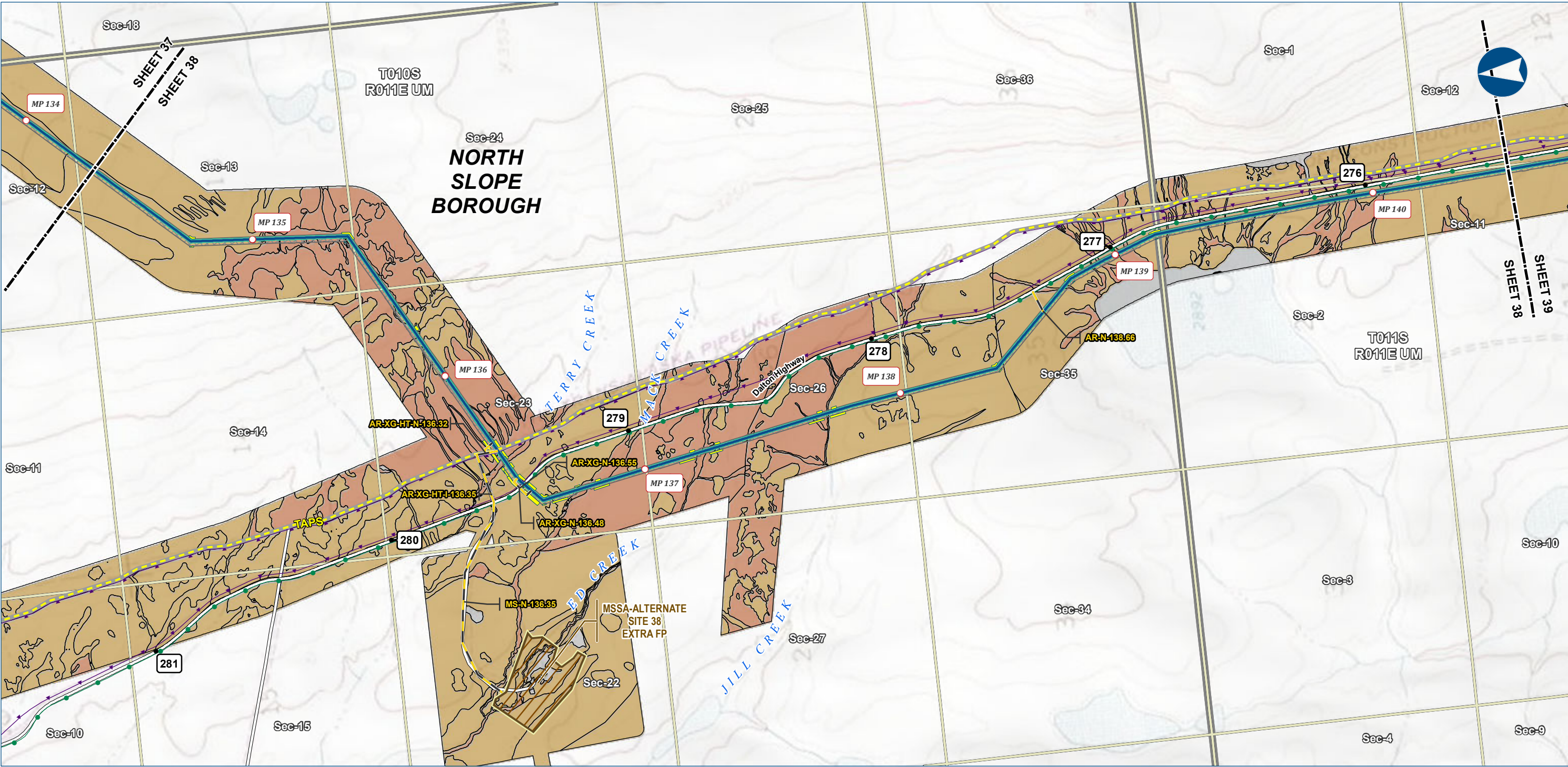
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 37





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

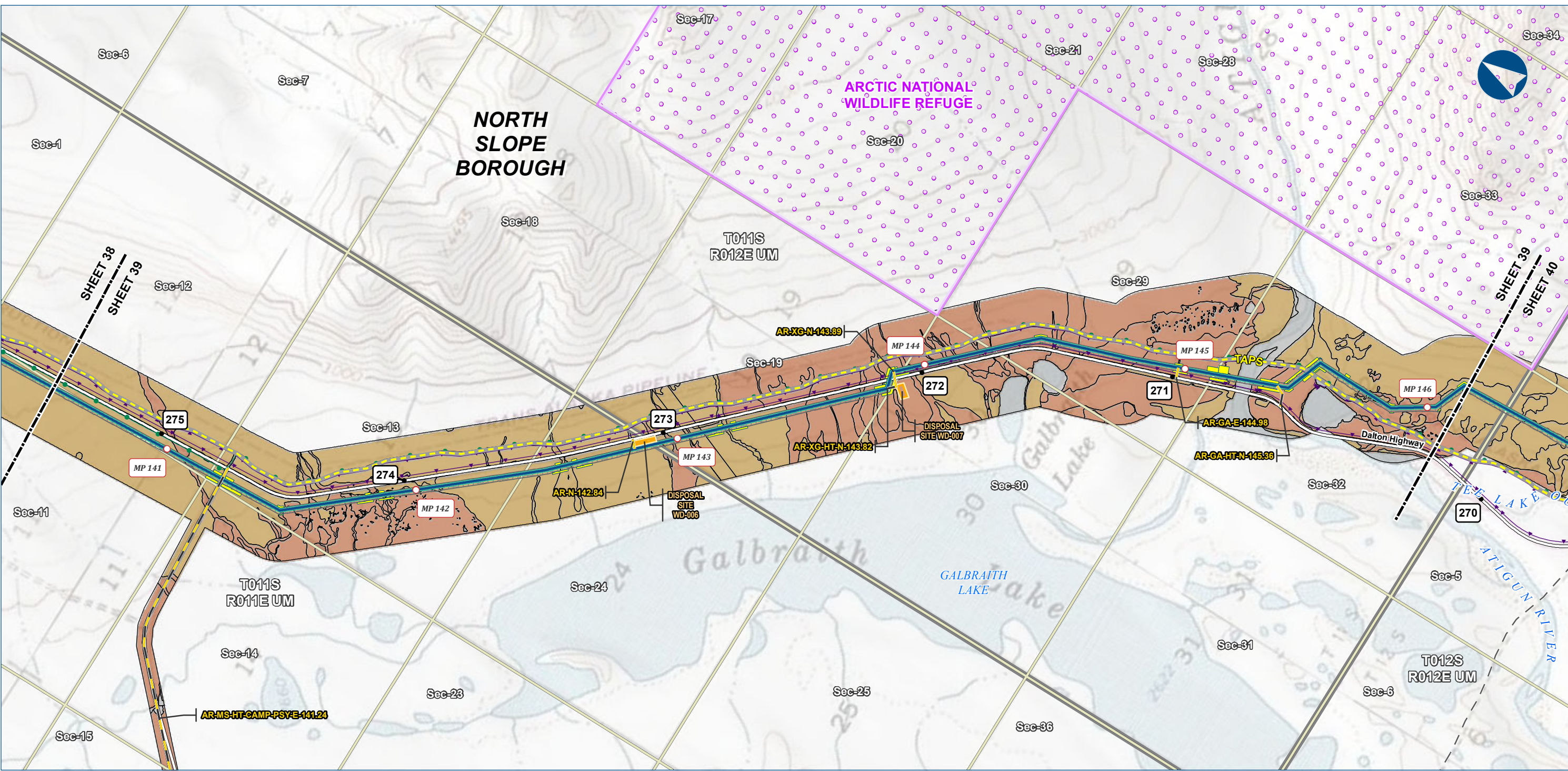
ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 38





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Conservation Lands
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Permanent ROW**

**Construction ROW**

**ATWS**

**Disposal Site**

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

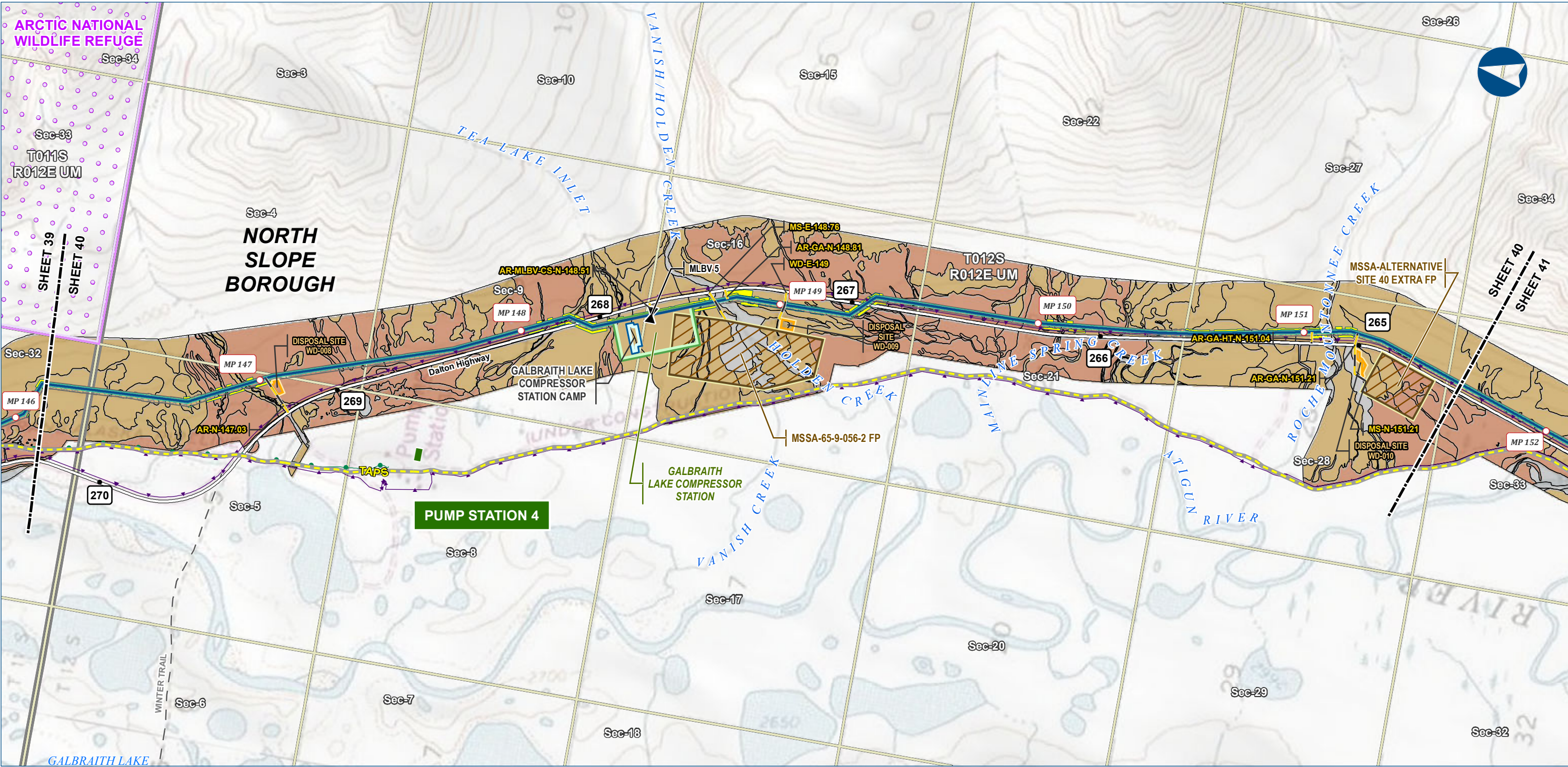
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 39





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Permanent ROW**

**Construction ROW**

**ATWS**

**Compressor Station**

**Camp**

**Disposal Site**

**Material Site Study Area (MSSA)**

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
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DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

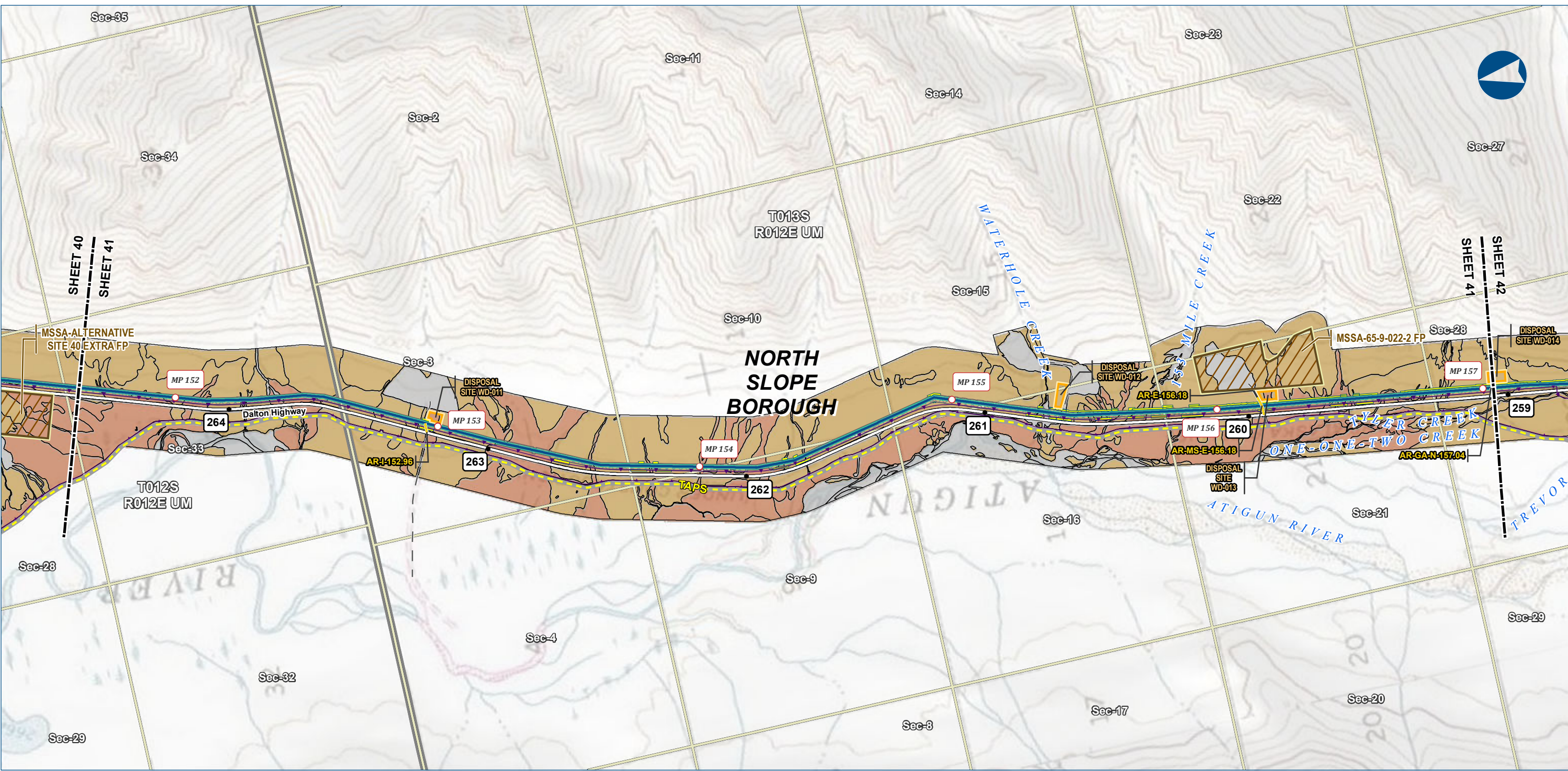
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 40





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

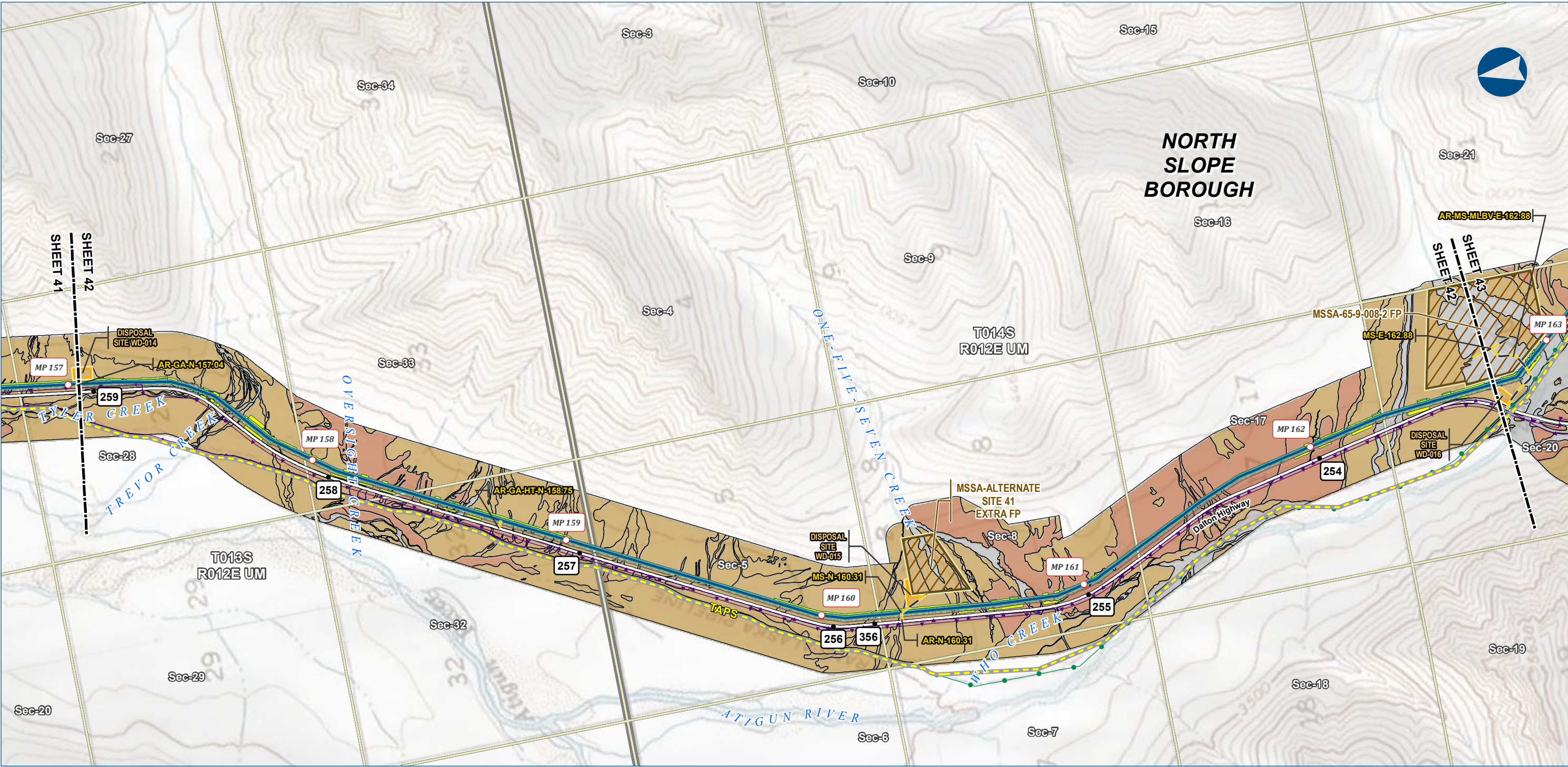
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 41





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Vioreck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

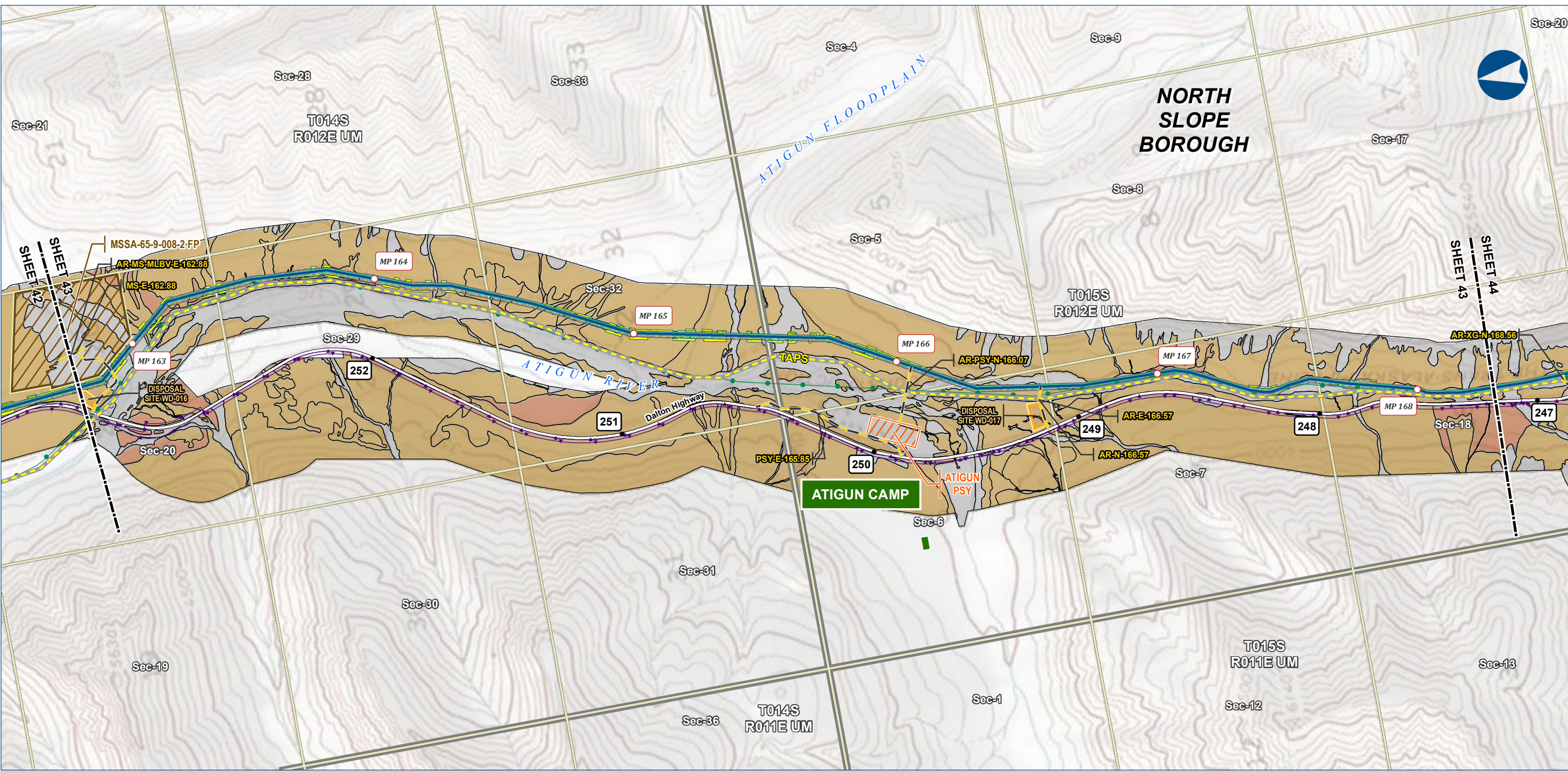
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 42





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Symbols:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

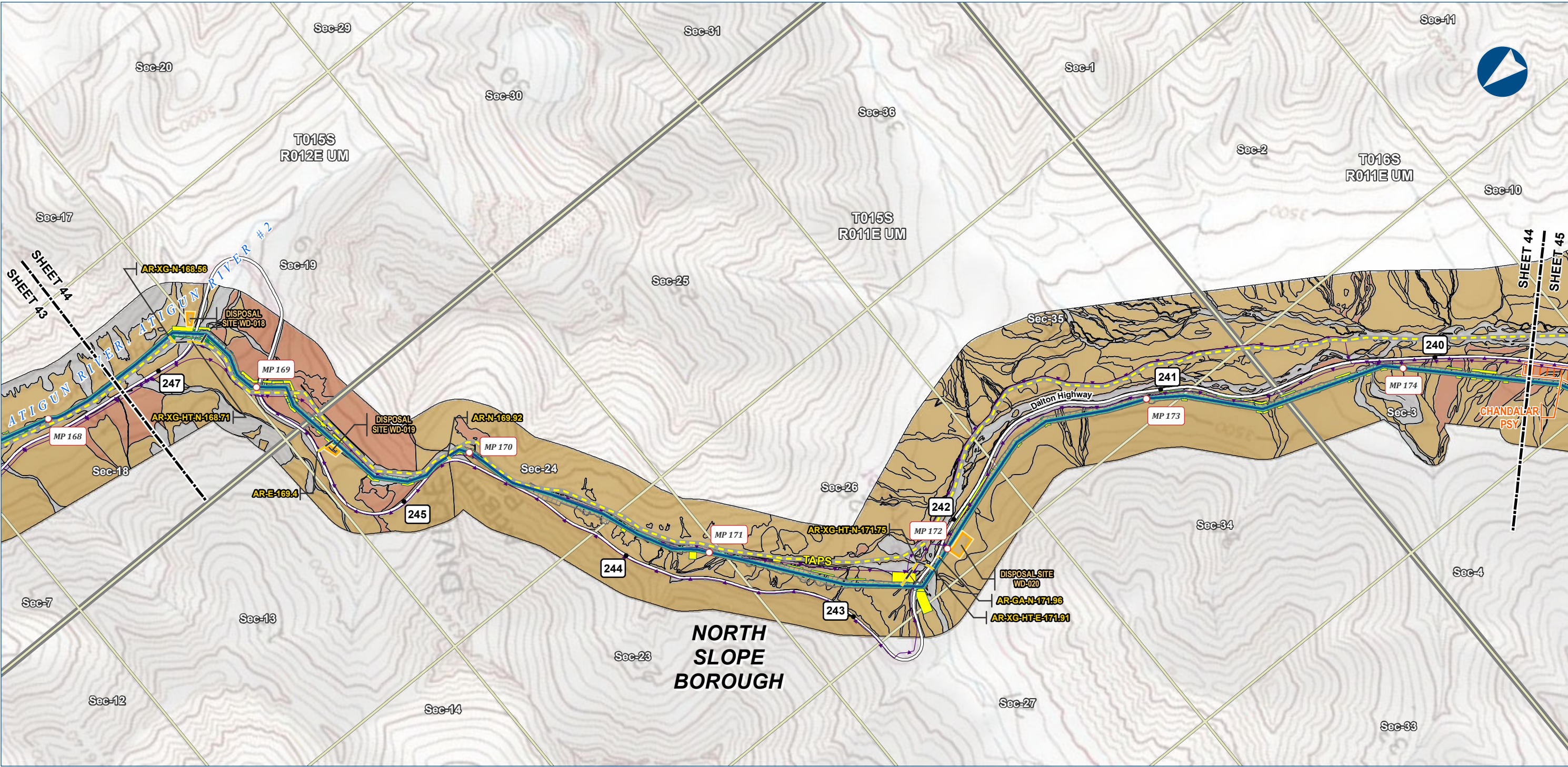
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 43





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Symbols:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

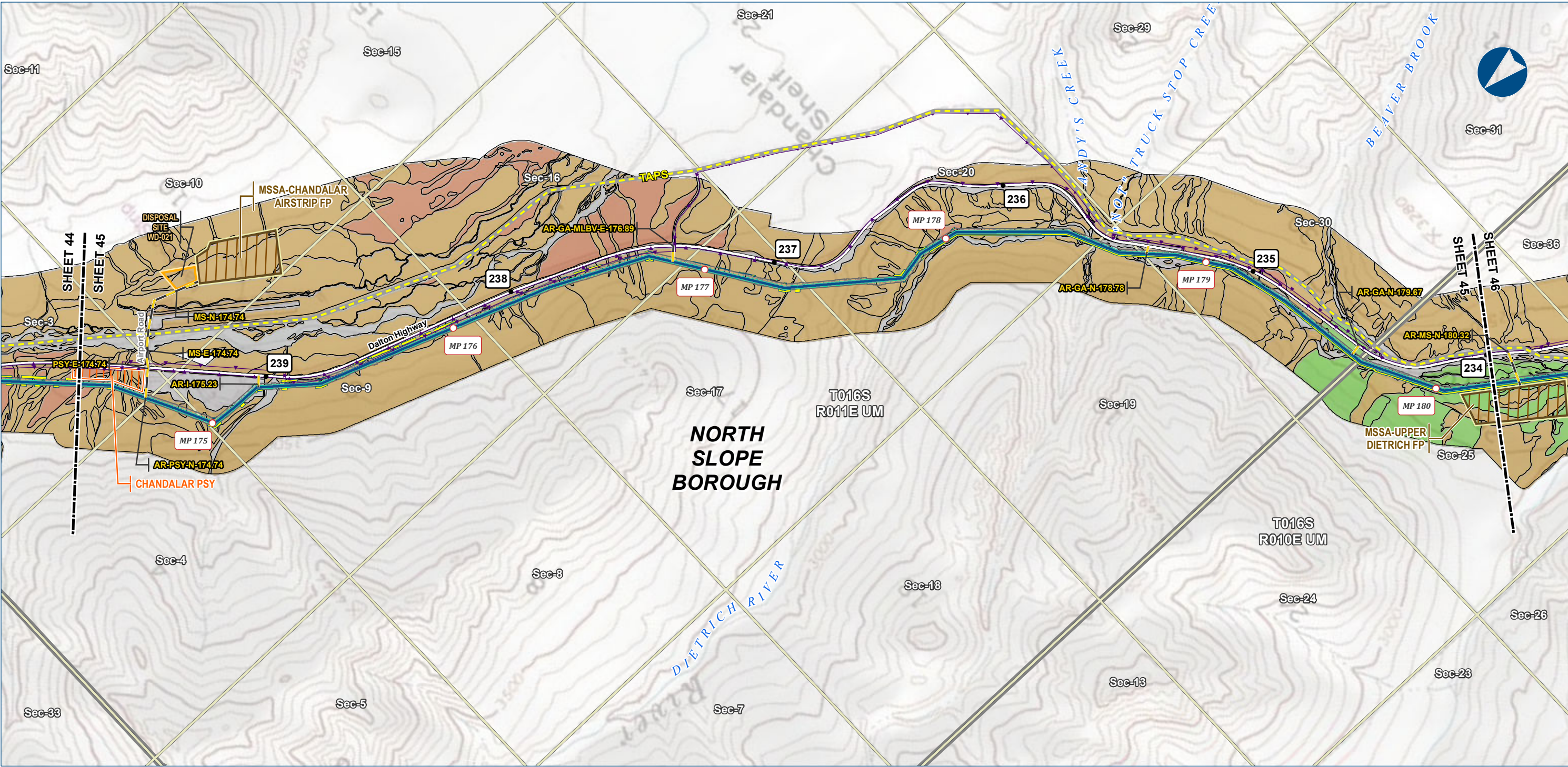
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 44





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

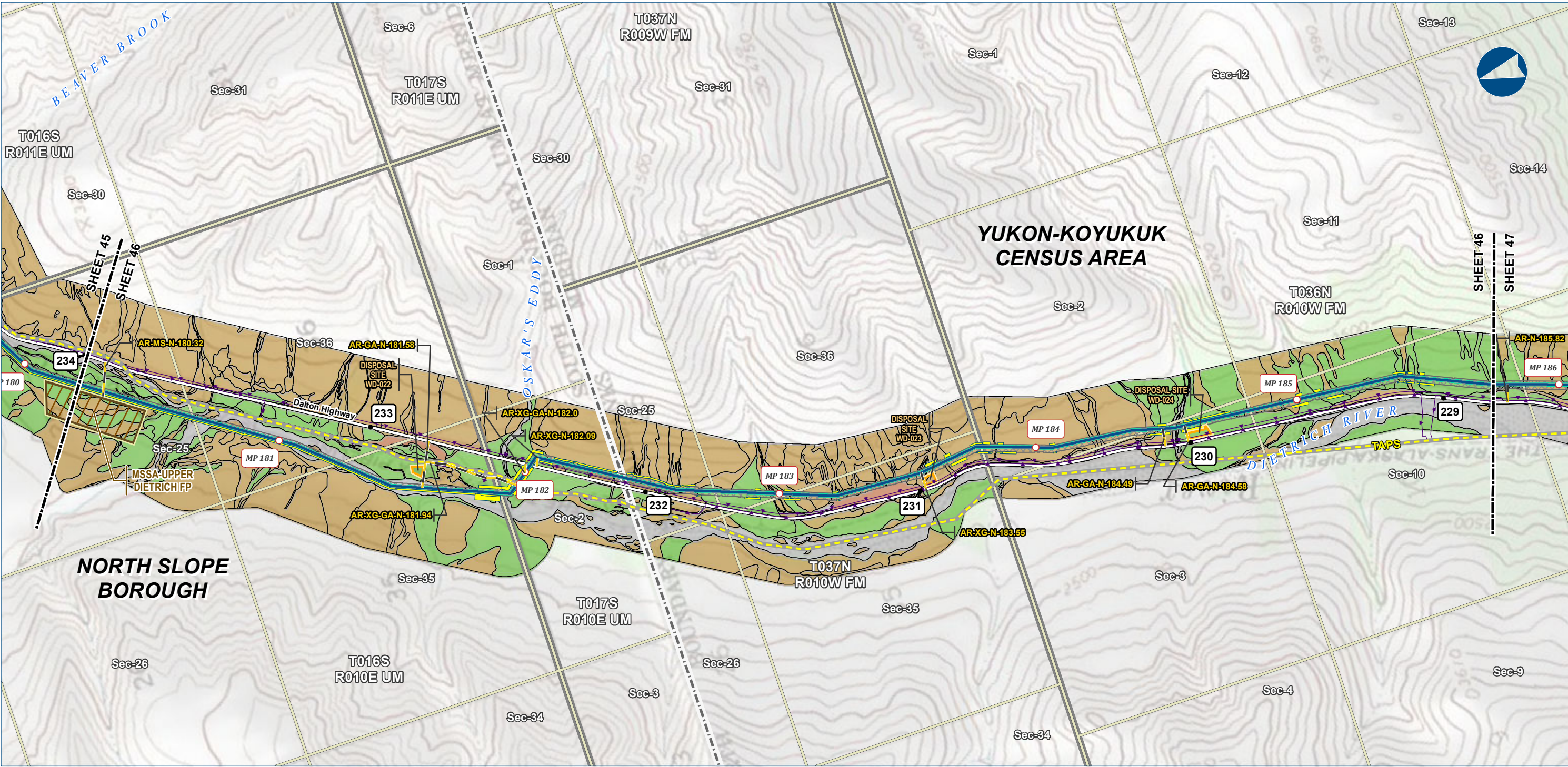
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 45





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Borough / Census Area
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

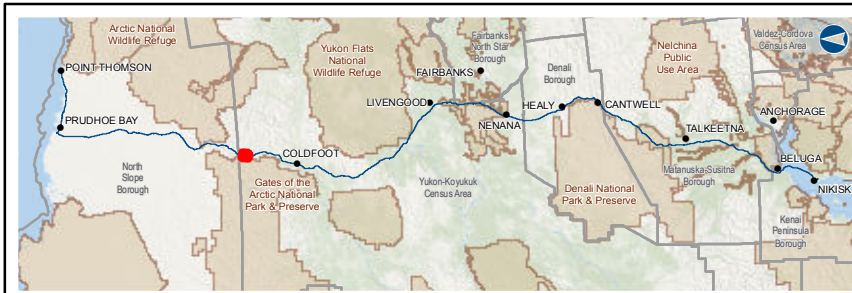
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 46





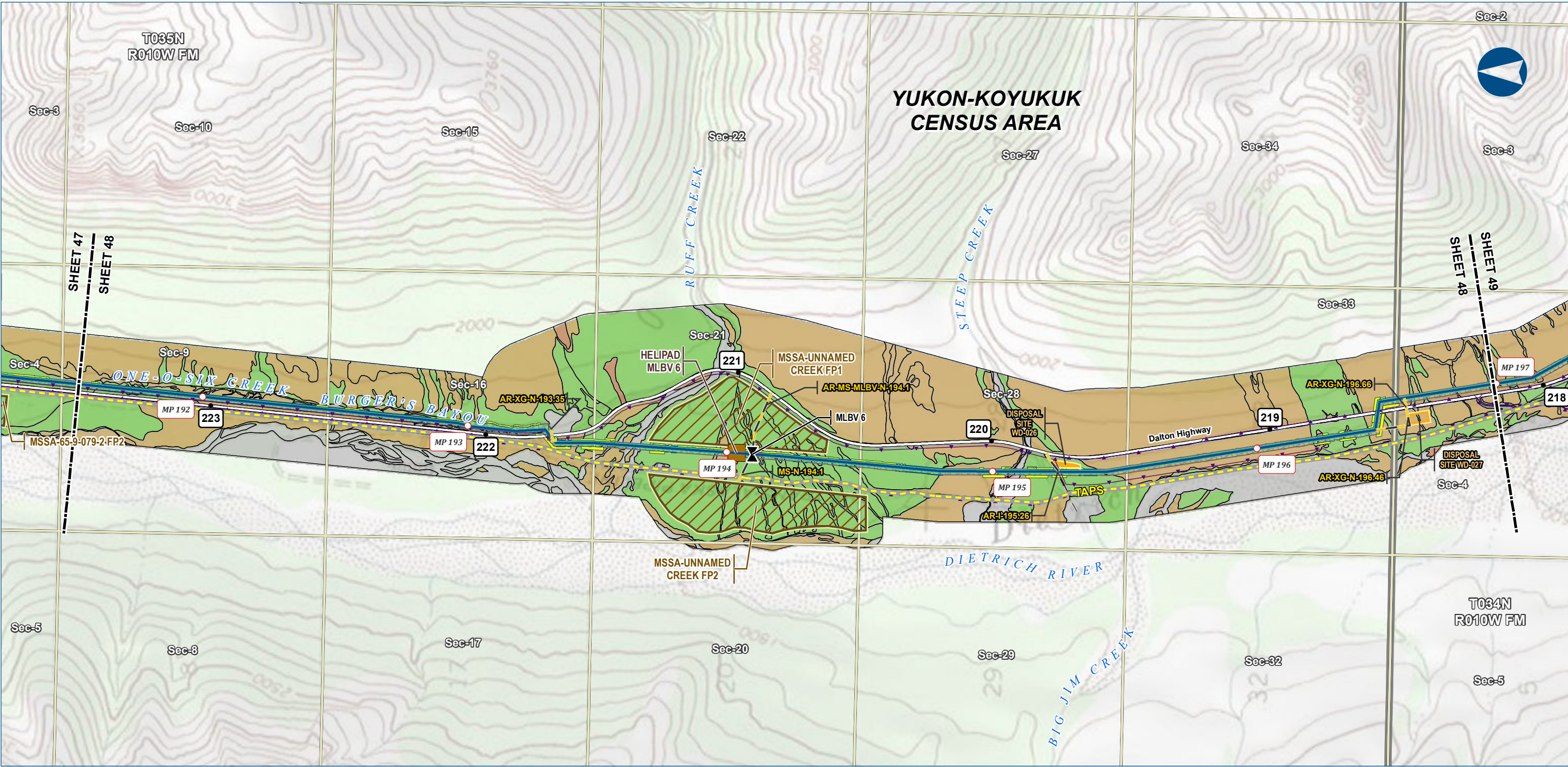
**Legend**

<b>PIPELINE</b>	Permanent ROW	<b>EXISTING FEATURES</b>	<b>VEGETATION</b>
Alaska LNG Rev C2 Route	Construction ROW	Existing Roads	<b>Viereck Level 1</b>
Access Road - Gravel	ATWS	Off Road Trails	I - Forest
	Pipe Storage Yard (PSY)	TAPS	II - Scrub
	Disposal Site	Buried Cable	III - Herbaceous
	Material Site Study Area (MSSA)	Section	No Vegetation
		Township	

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Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Symbols:**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

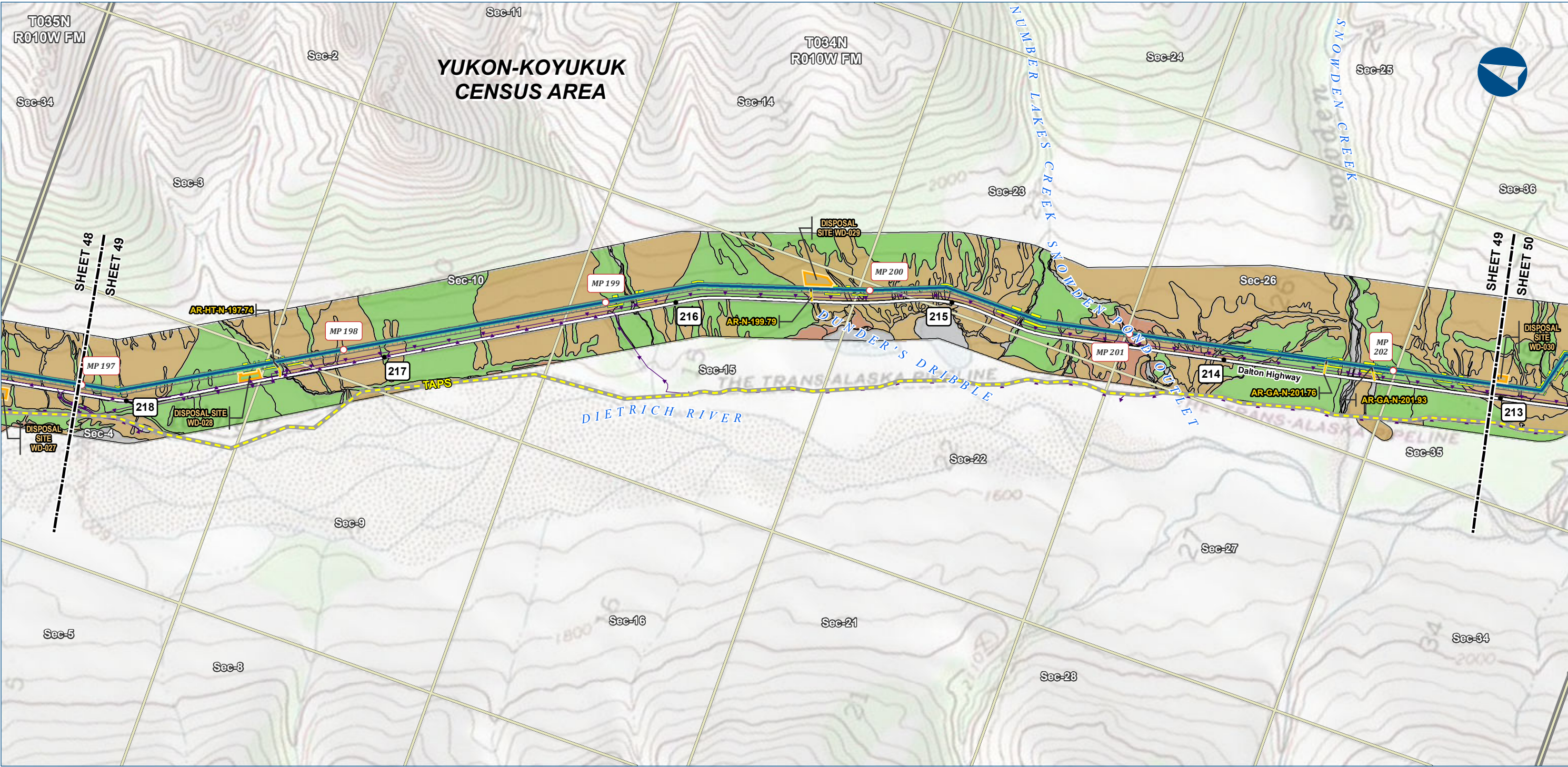
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 48





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Symbols:**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

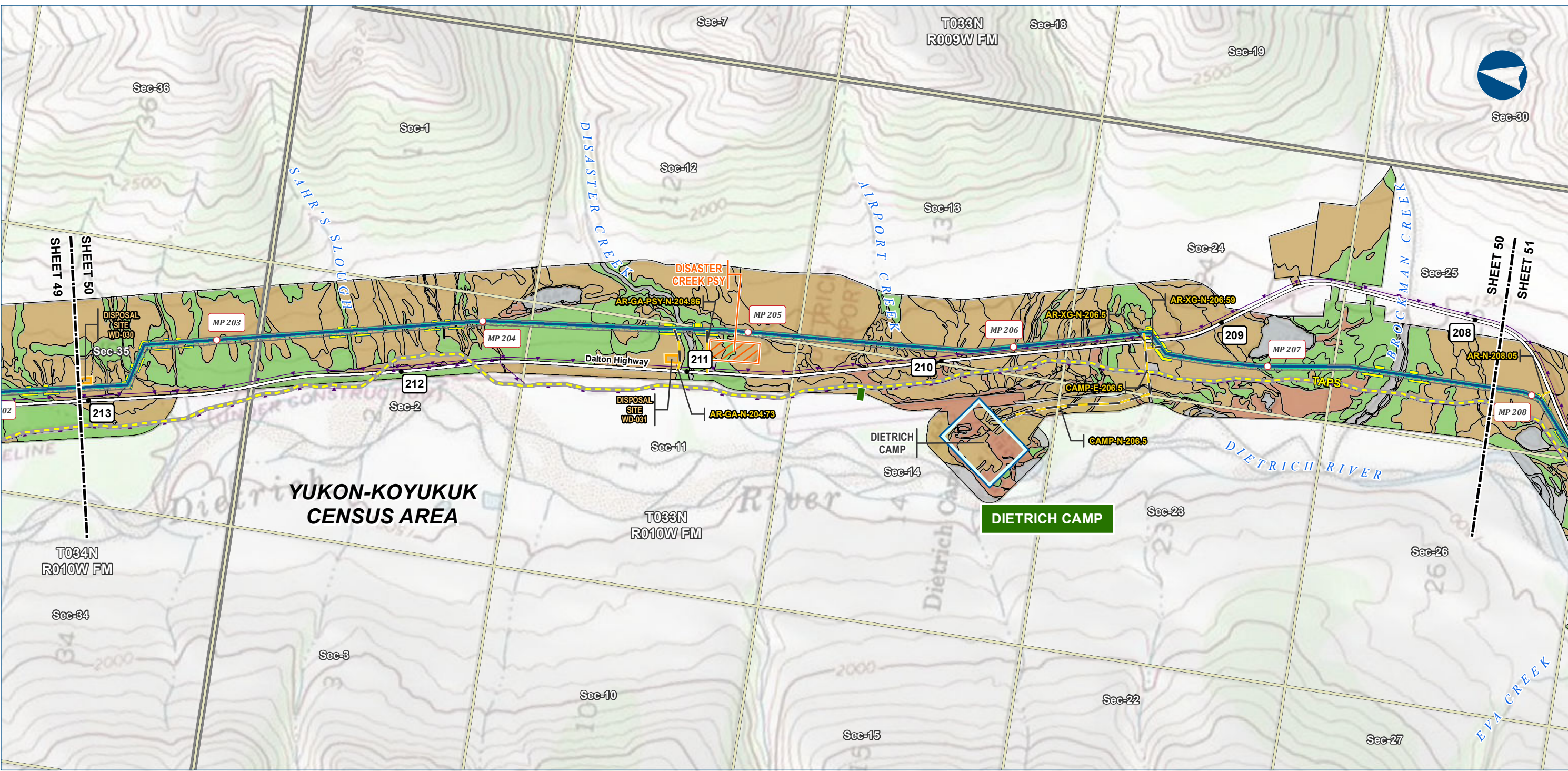
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 49





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Symbols:**

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

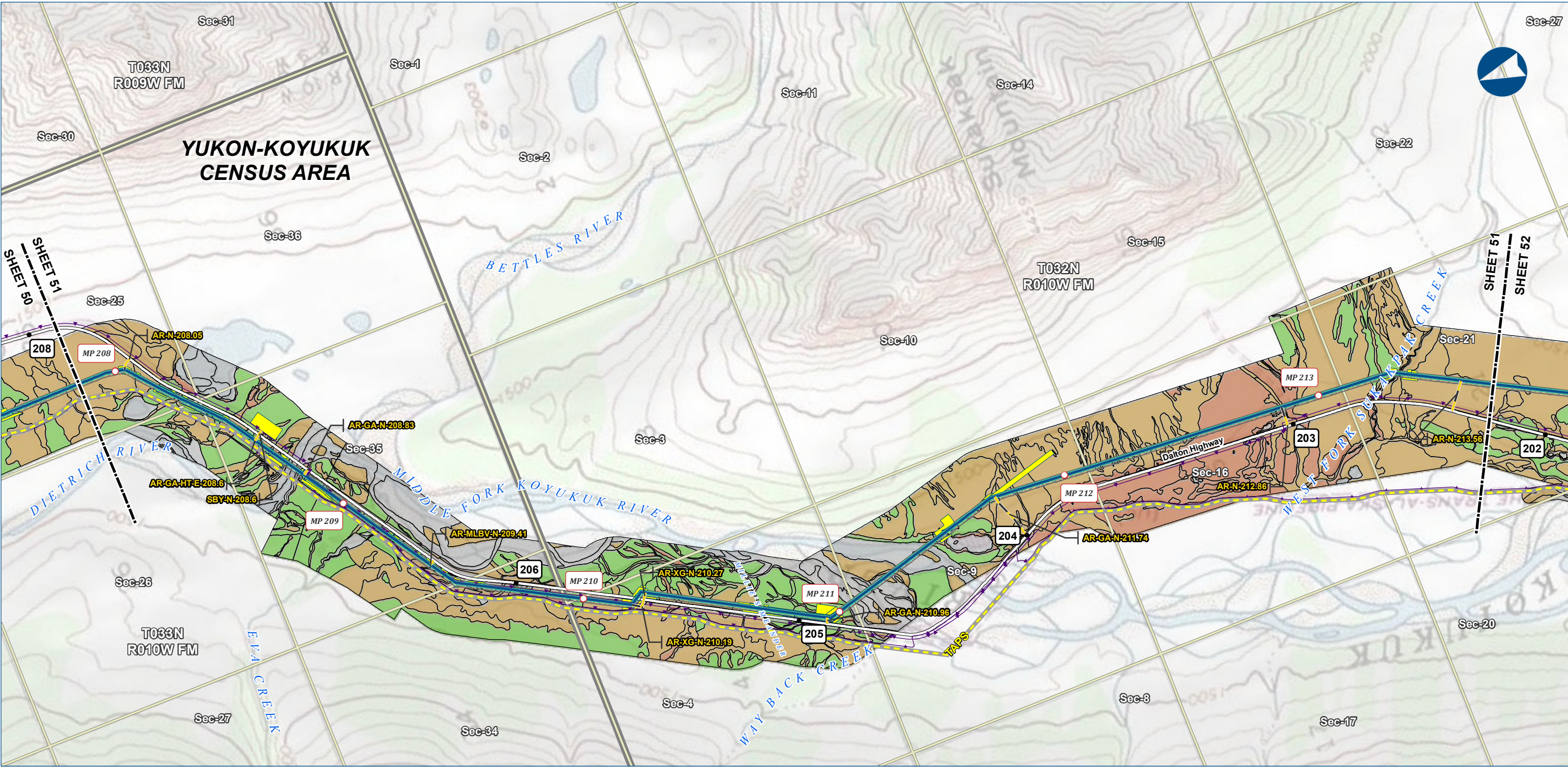
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 50





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**PERMANENT ROW**

- Construction ROW
- ATWS

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

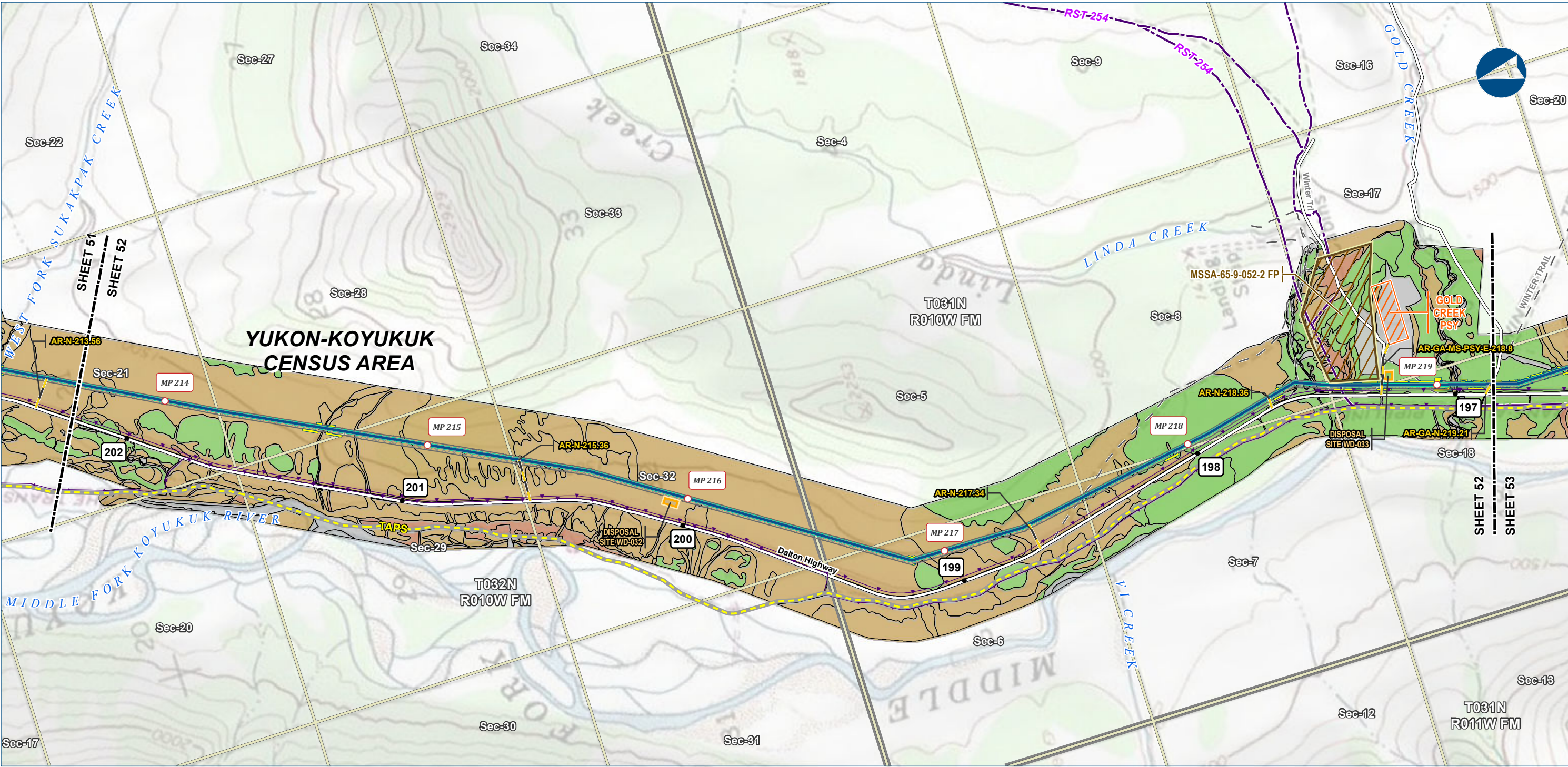
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SHEET: 51





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

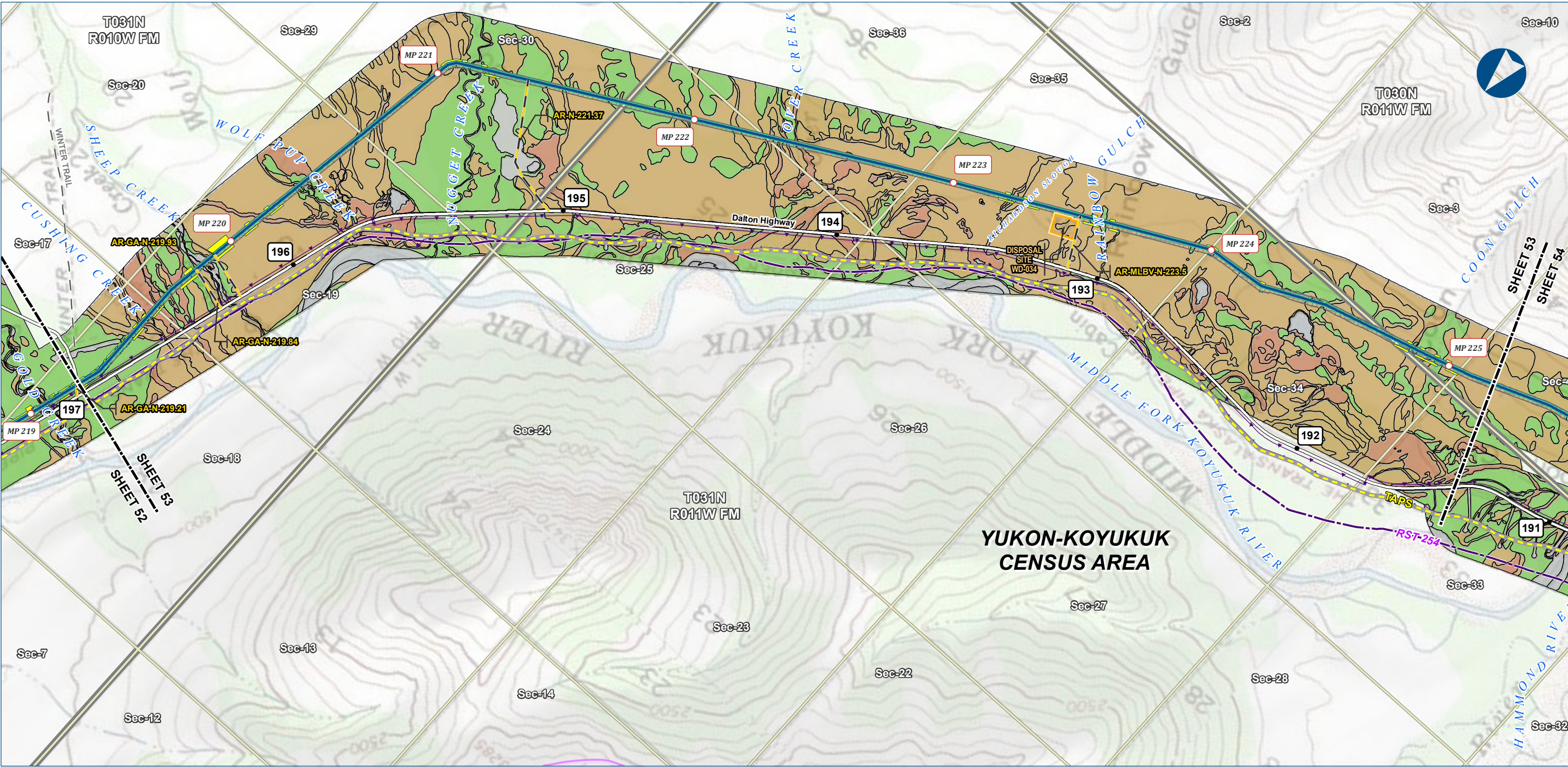
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 52





Alaska LNG Project

Legend		EXISTING FEATURES		VEGETATION	
PIPELINE	Alaska LNG Rev C2 Route	Permanent ROW	Existing Roads	Vioreck Level 1	
	Access Road - Gravel	Construction ROW	Revised Statute 2477 Trail	I - Forest	
		ATWS	Off Road Trails	II - Scrub	
		Disposal Site	TAPS	III - Herbaceous	
			Buried Cable	No Vegetation	
			Conservation Lands		
			Section		
			Township		

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR3_APPENDIX_B1_MAINLINE_TOPO_REV_C2_CL	SHEET: 53





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 54





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- TAPS
- Buried Cable
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features:**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

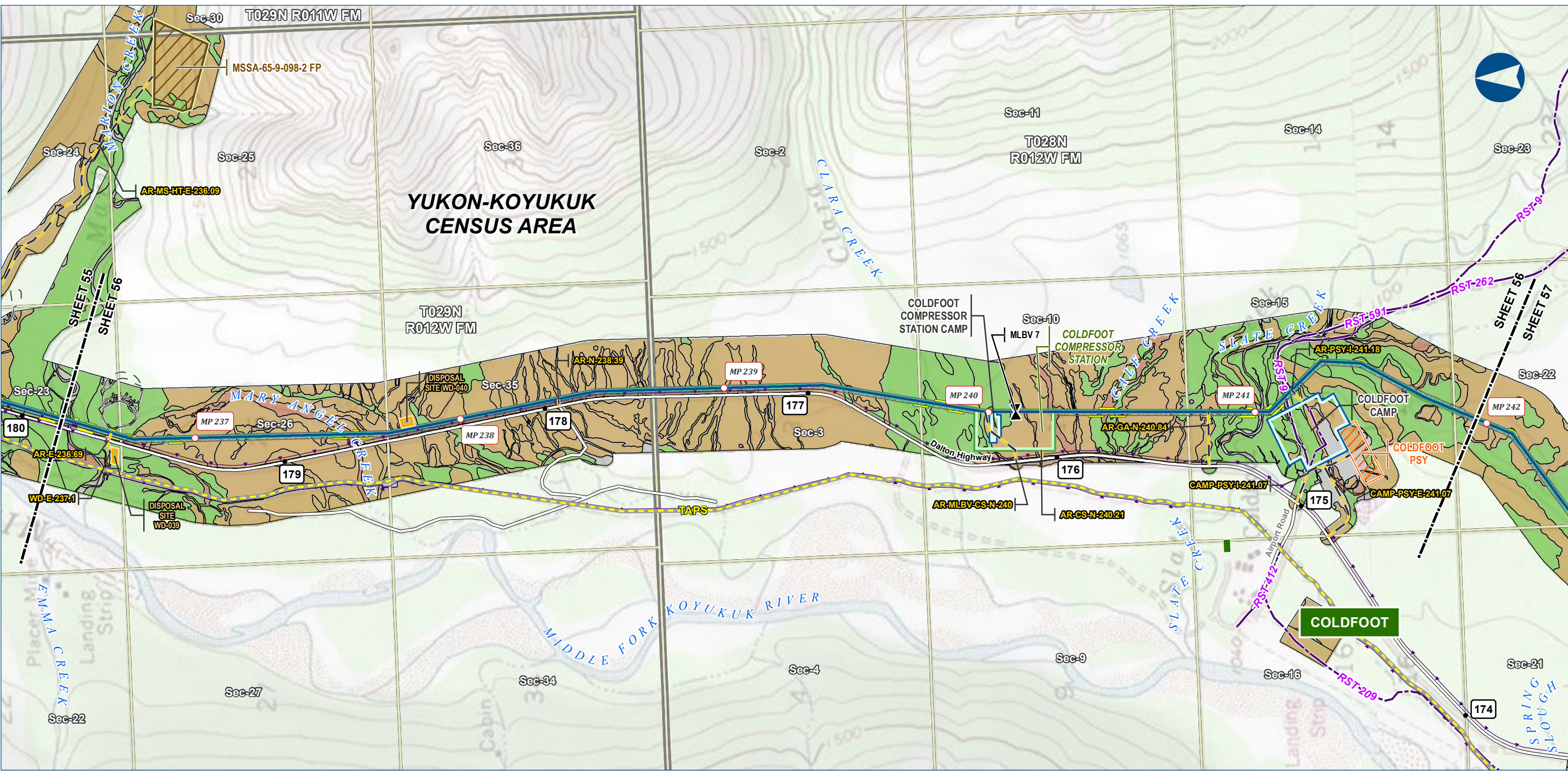
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DWG: RR3\_APPENDIX\_B1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 55





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel
- Mainline Blockvalve

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- TAPS
- Buried Cable
- Alaska DOT Place Names
- Section
- Township

**VEGETATION**

**Viereck Level 1**

- I - Forest
- II - Scrub
- III - Herbaceous
- No Vegetation

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

Vegetation mapping was completed using US Department of Agriculture (US Forest Service) The Alaska Vegetation Classification manual (July 1992). What is depicted here are the general Level I vegetation classifications for visual mapping purposes only. Mapping was completed to Level III, but is difficult to depict on existing imagery or USGS mapping. Analysis of vegetation impacts using Level II and III mapping are provided in the Resource Report text.

ALASKA LNG PROJECT Vegetation Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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