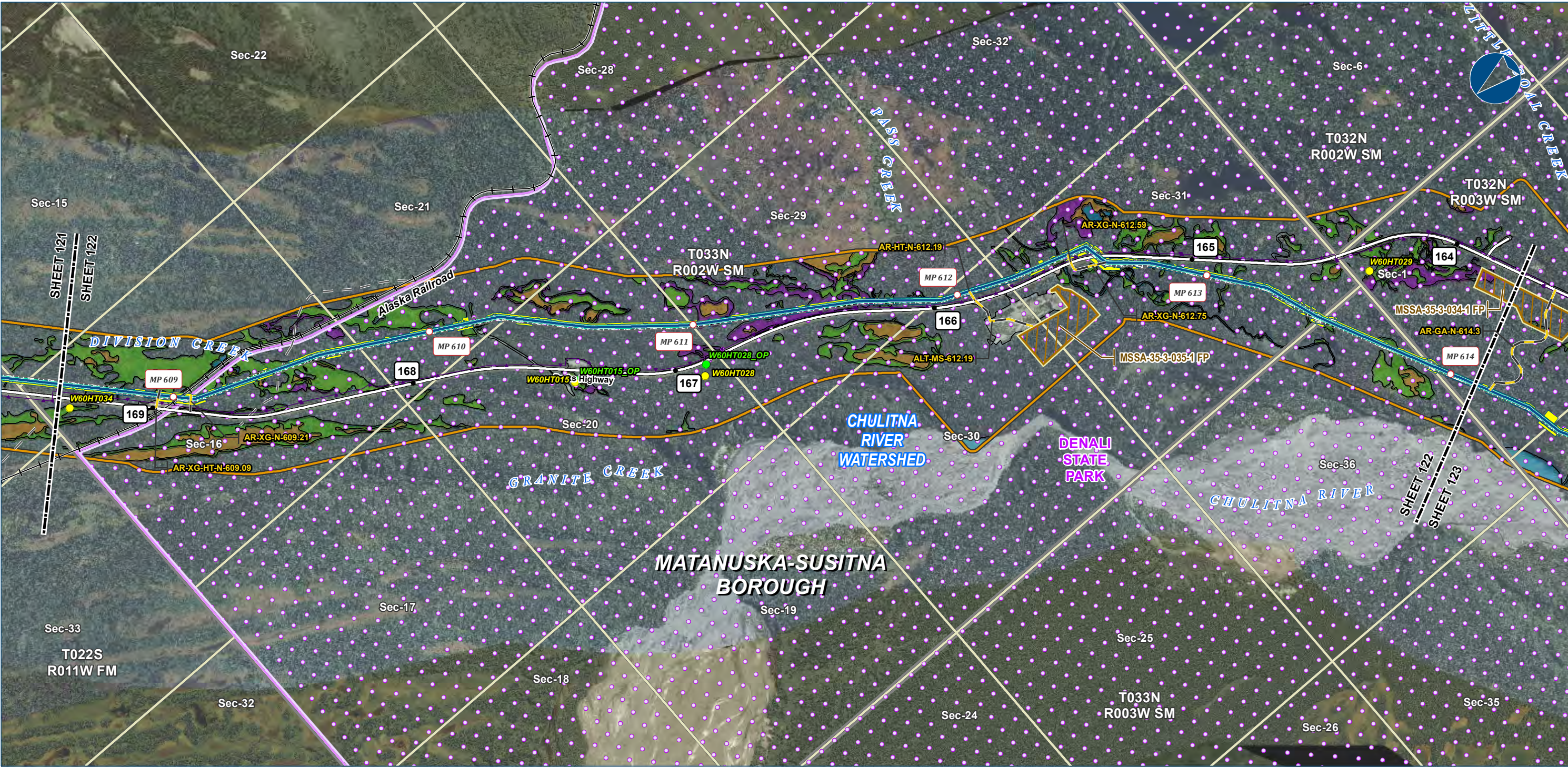


ALASKA LNG PROJECT	DOCKET No. CP17-____-000 RESOURCE REPORT No. 2 APPENDIX F PART 5 OF 6	Doc No: USAKE-PT-SRREG-00- 000006-000 APRIL 14, 2017 REVISION: 0
	PUBLIC	

**Part 5 of 6 of Appendix F of Resource Report No. 2**





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 122





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Buried Cable
- Conservation Lands
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000		
DATE:	2017-03-22	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 123





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Buried Cable
- Conservation Lands
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 124





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000		
DATE:	2017-03-22	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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SHEET: 125





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

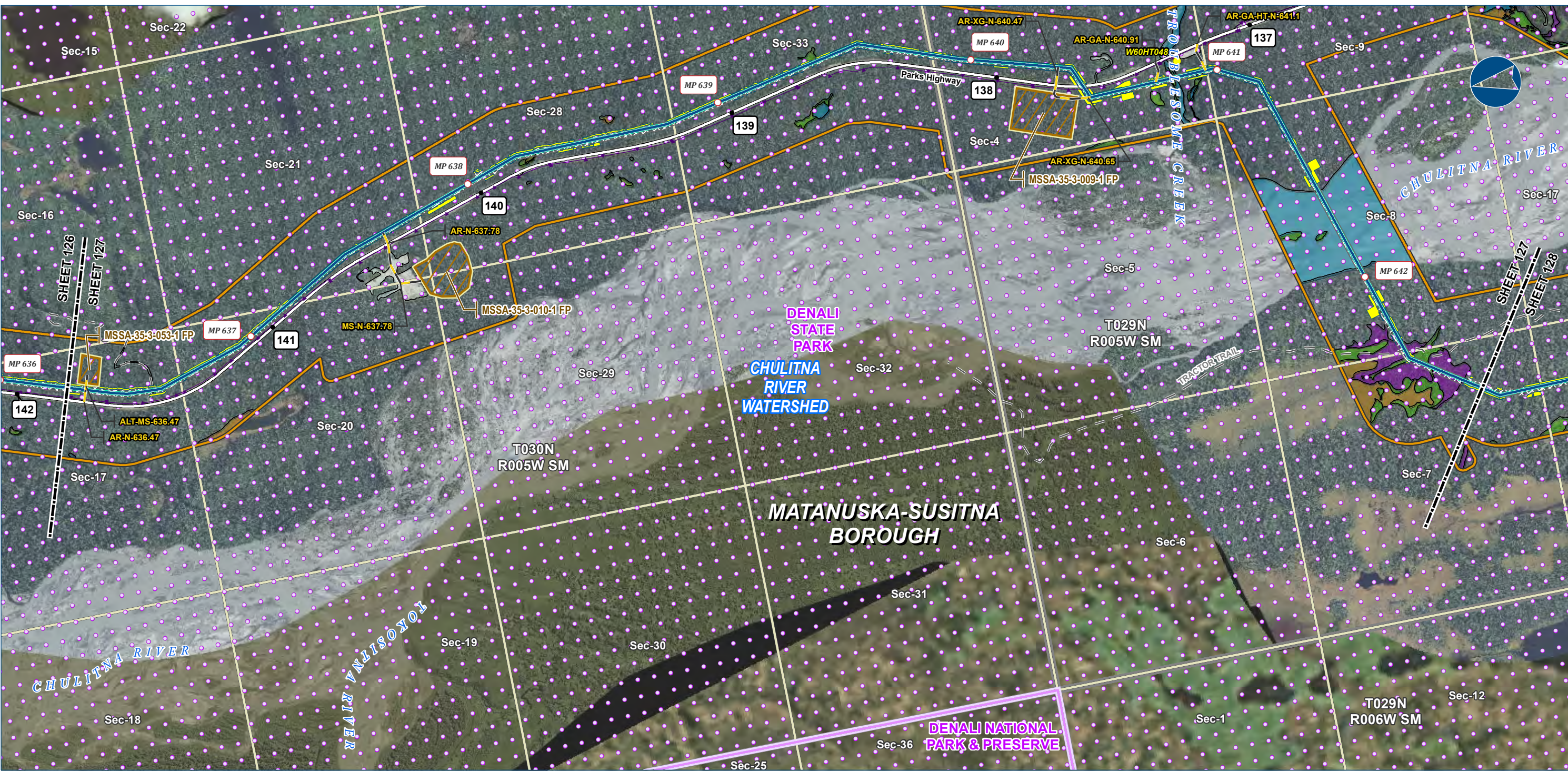
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 126





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location

**Material Site Study Area (MSSA)**

- MSSA-35-3-053-1 FP
- MSSA-35-3-010-1 FP

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

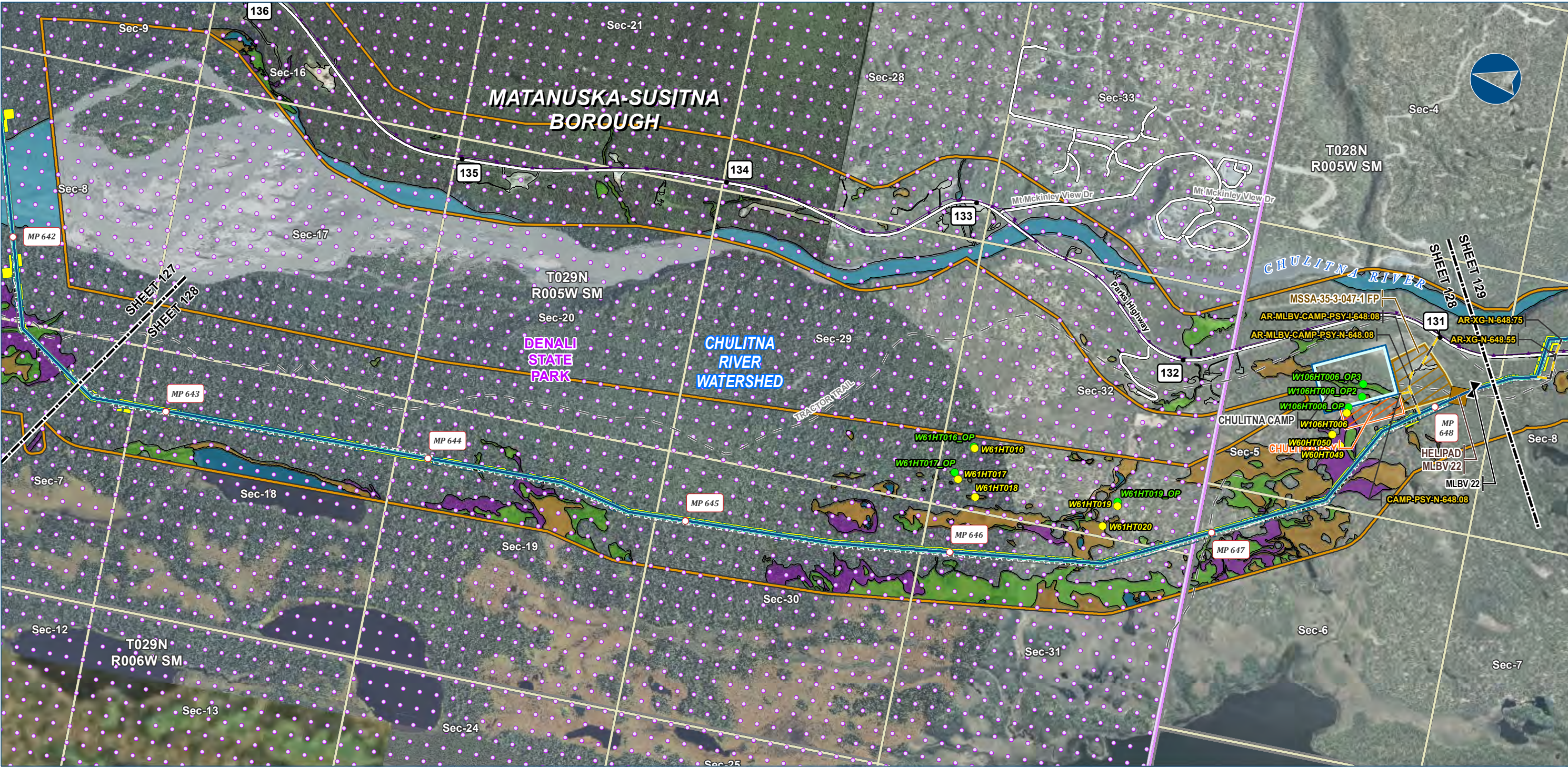
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 127





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000		
DATE:	2017-03-22	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 128





Legend			
<b>PIPELINE</b>			
	Alaska LNG Rev C2 Route		Permanent ROW
	Access Road - Gravel		Construction ROW
	Mainline Blockvalve		ATWS
	Helipad		Off ROW Camp
			Pipe Storage Yard (PSY)
			Disposal Site
			Material Site Study Area (MSSA)
<b>EXISTING FEATURES</b>			
	Existing Roads		Buried Cable
	Off Road Trails		Section
	Township		
			Wetland Mapping Extent
			Wetland Field Verification Location
			Wetland Field Observation Location
<b>Wetland Area (areas not colored are uplands)</b>			
			Open Water
			PEM
			PFO
			PSS

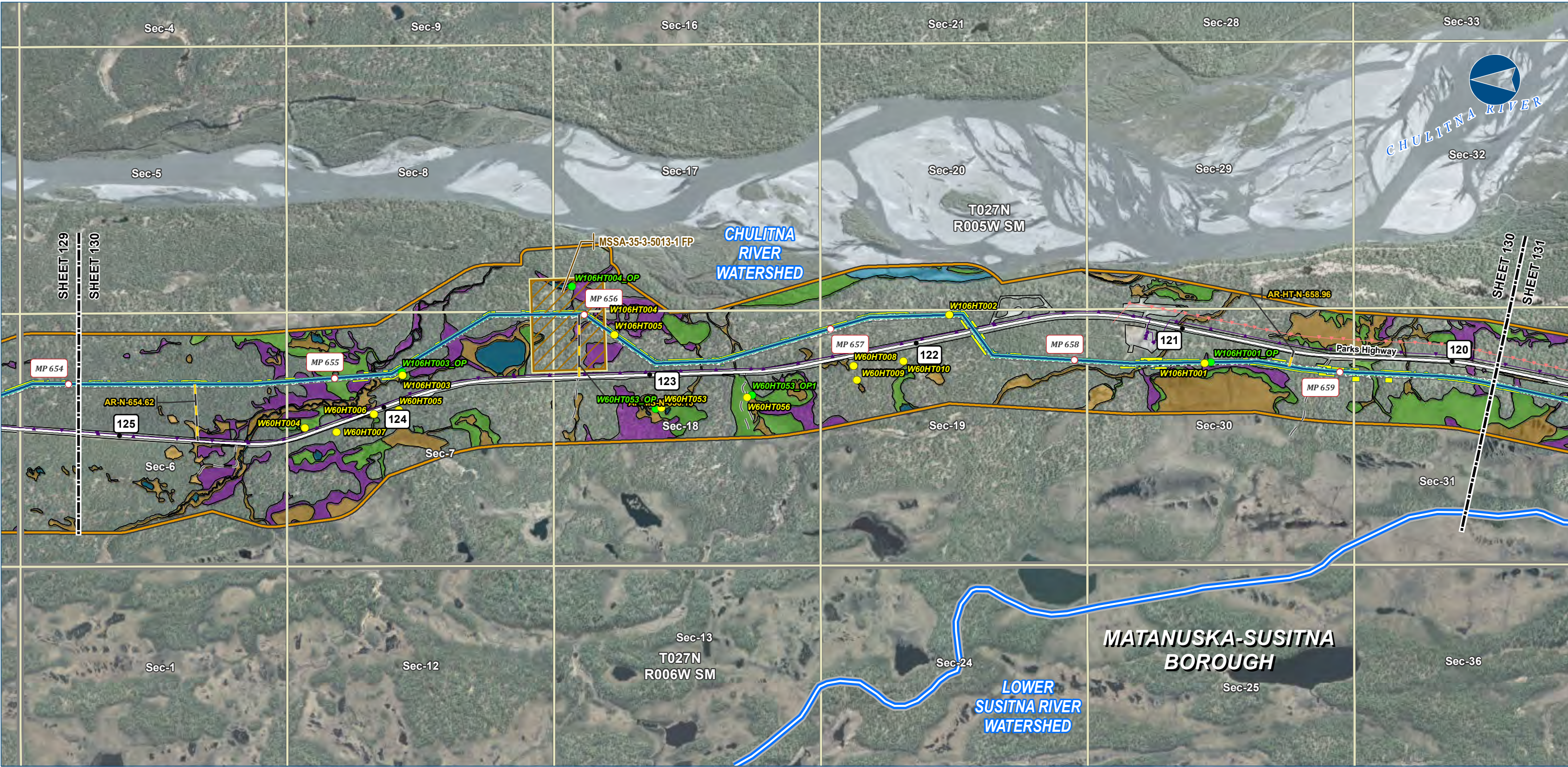
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**DWG:** RR2 APPENDIX F2 MAINLINE AERIAL REV C2 CL      **SHEET:** 129





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 130





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

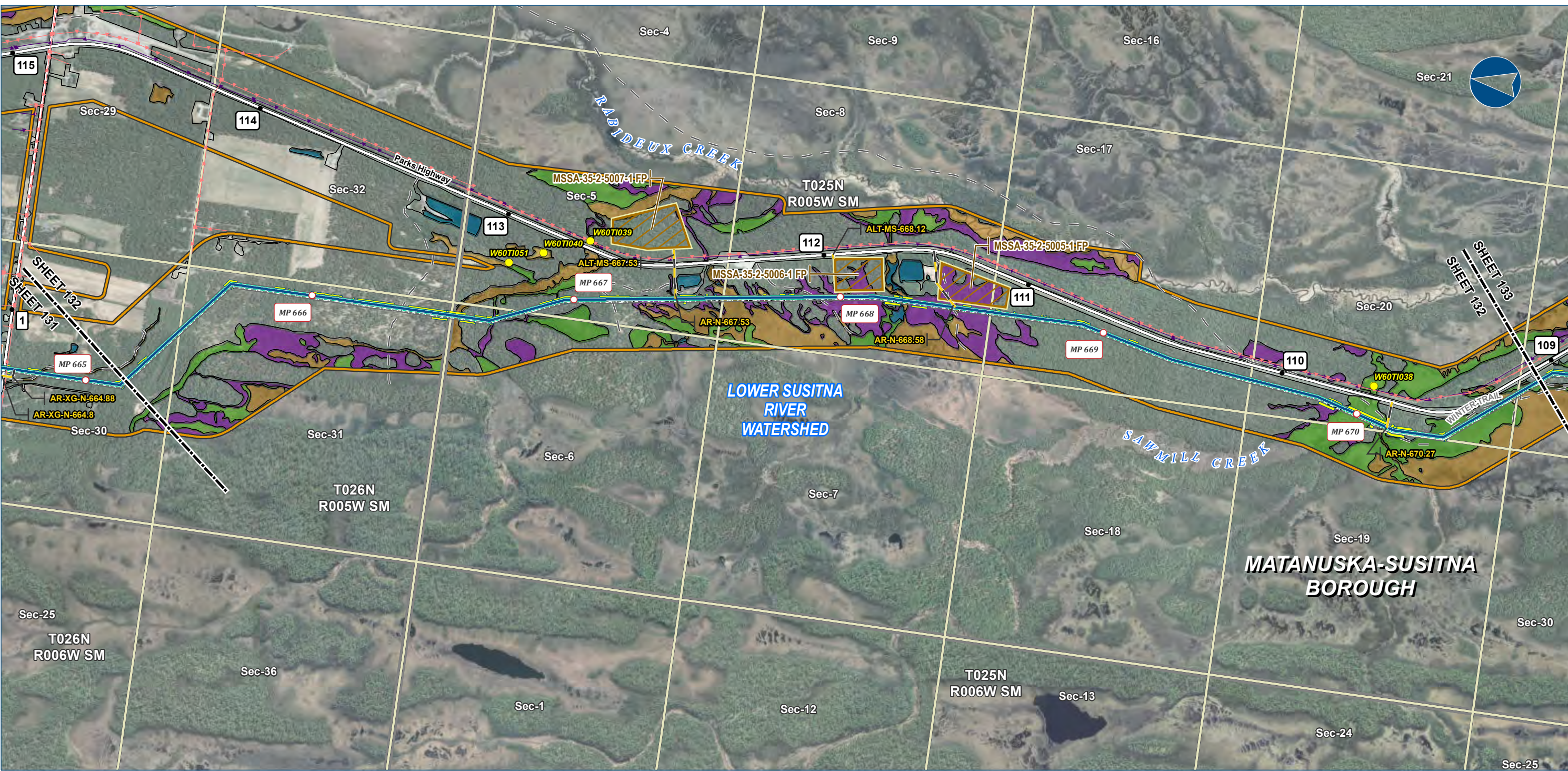
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-22
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-22	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 131





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

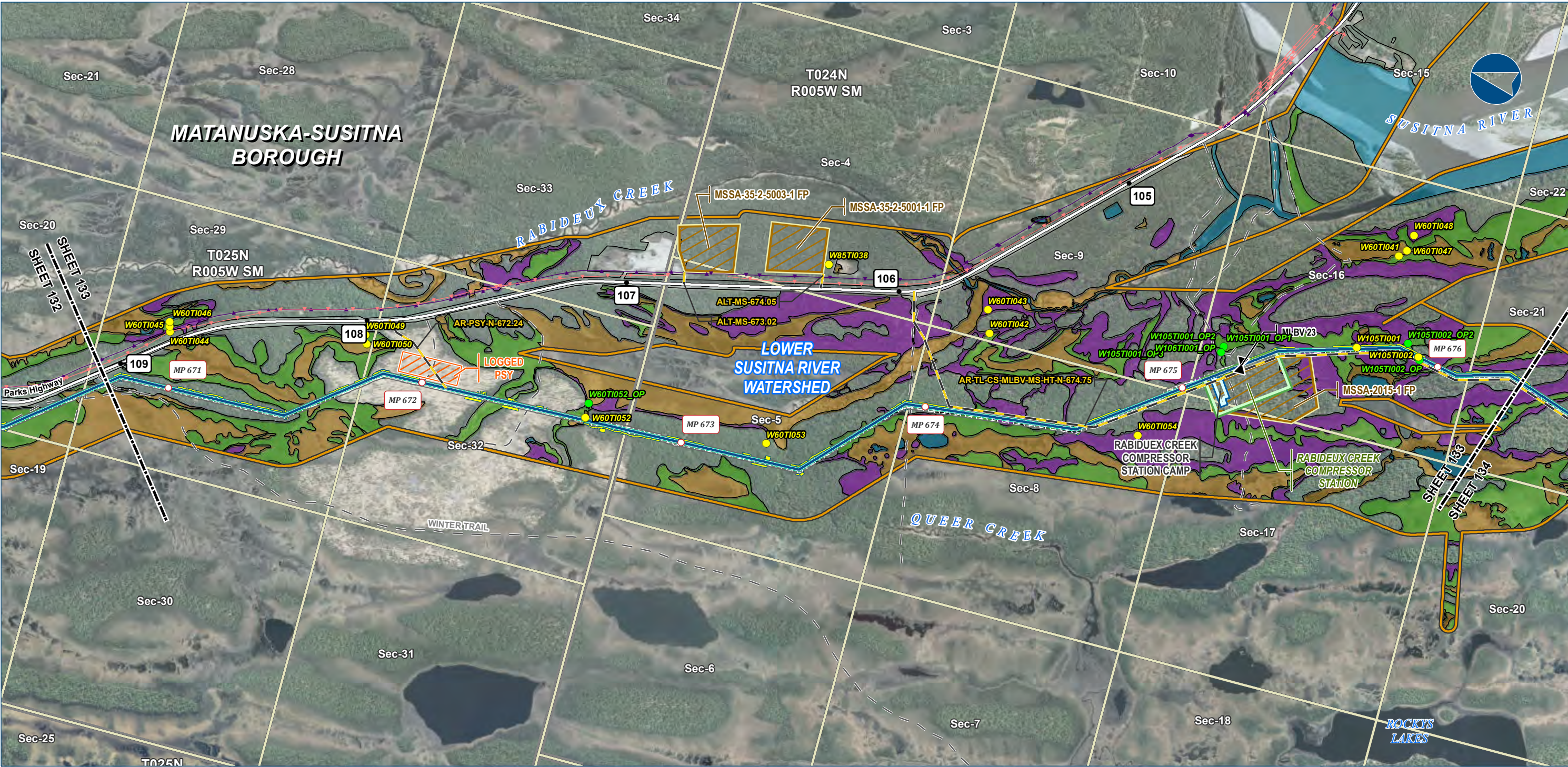
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 132





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

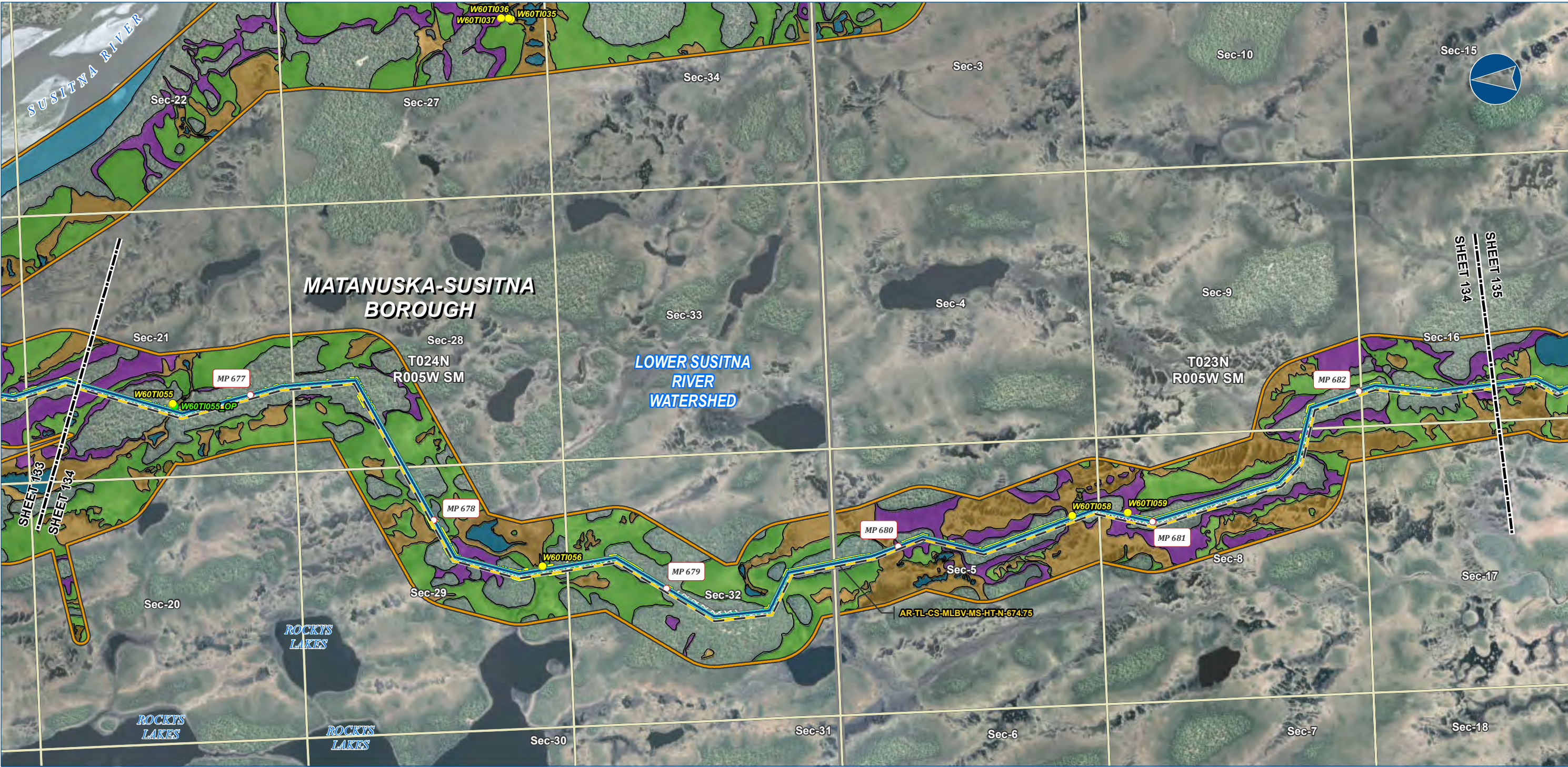
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 133





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

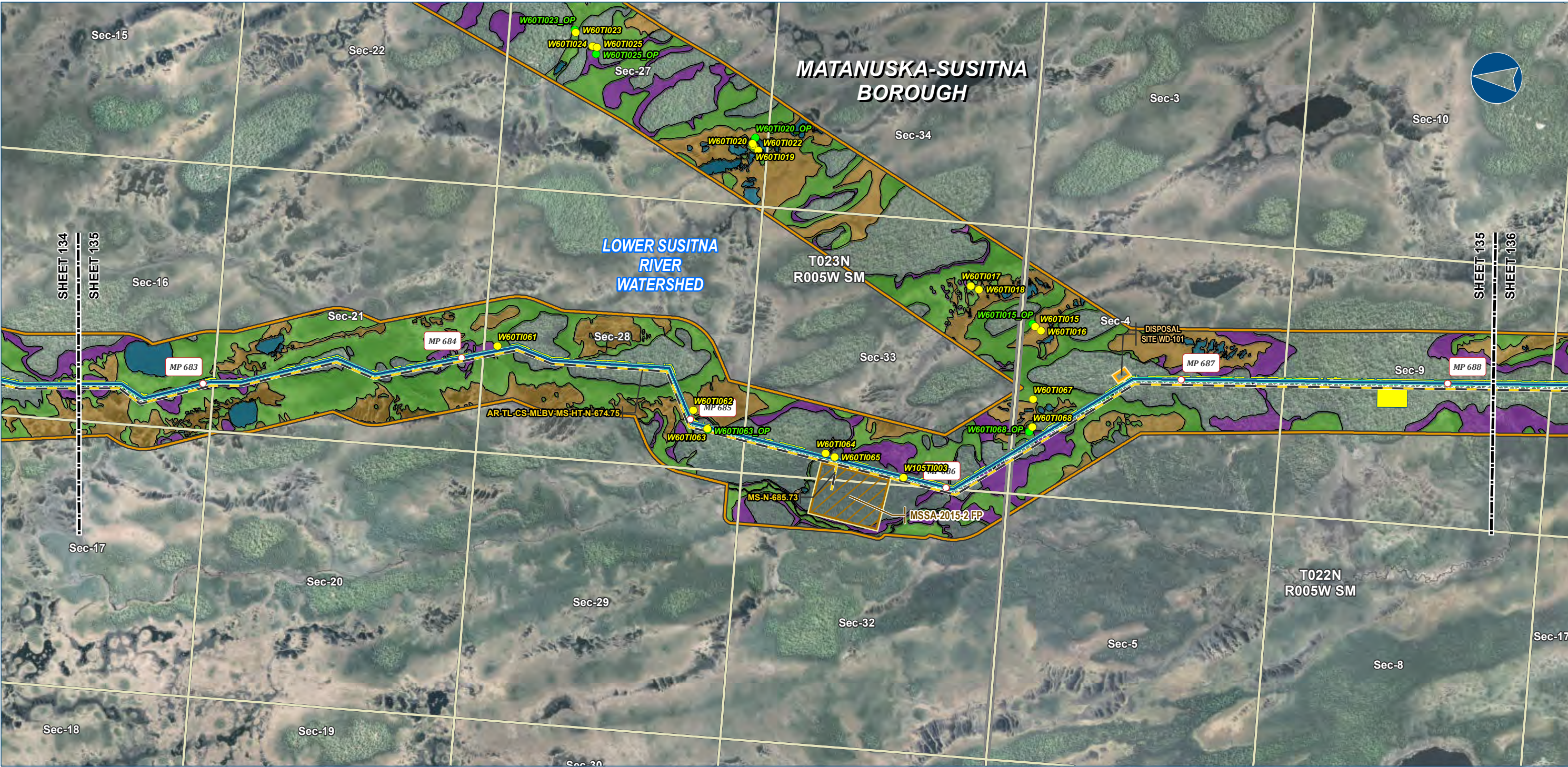
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
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1:24,000		
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 134





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

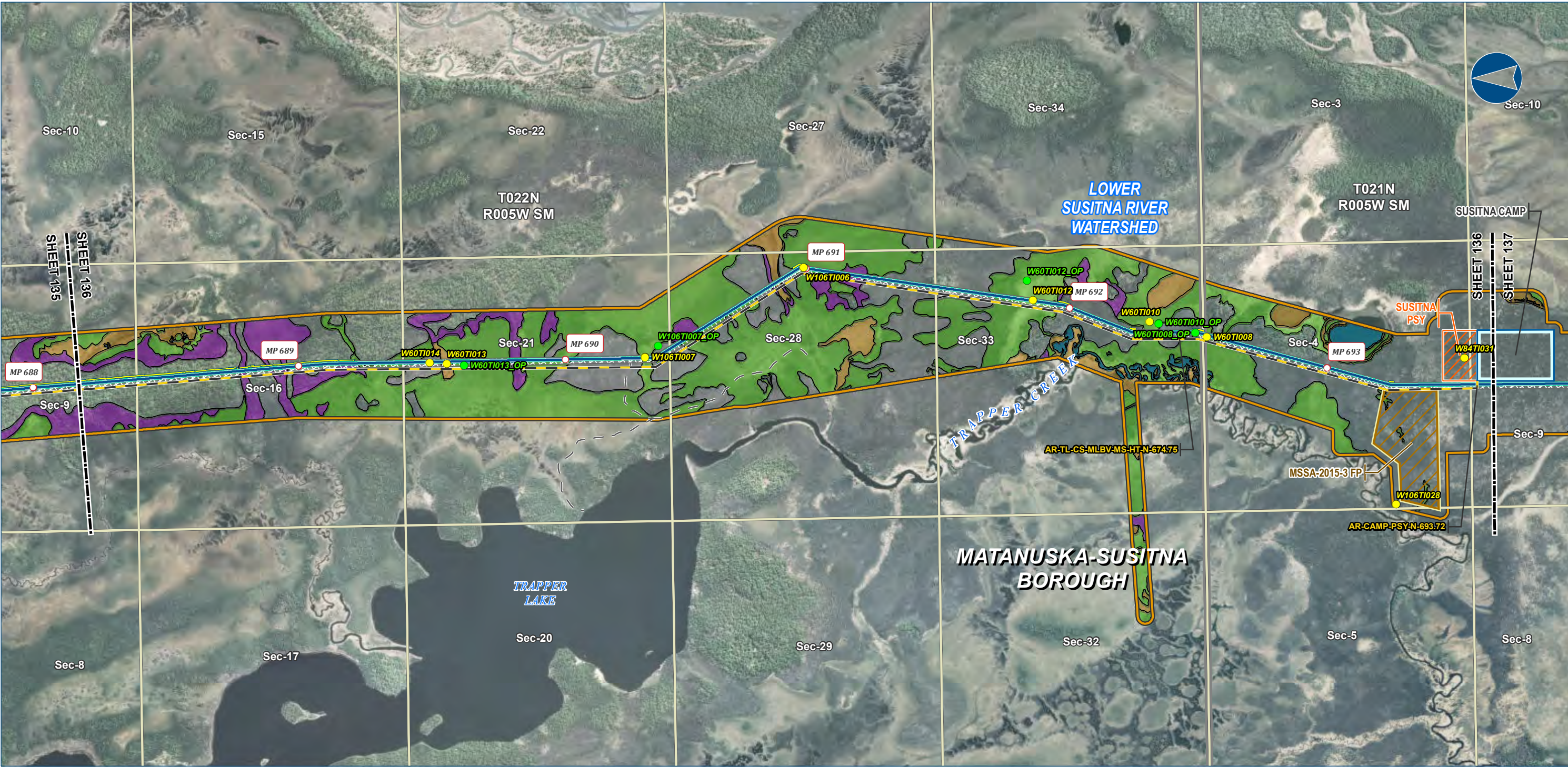
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
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1:24,000 0 1/4 1/2 Miles		
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Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 136





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Permanent ROW**

**Construction ROW**

**ATWS**

**Off ROW Camp**

**Pipe Storage Yard (PSY)**

**Material Site Study Area (MSSA)**

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

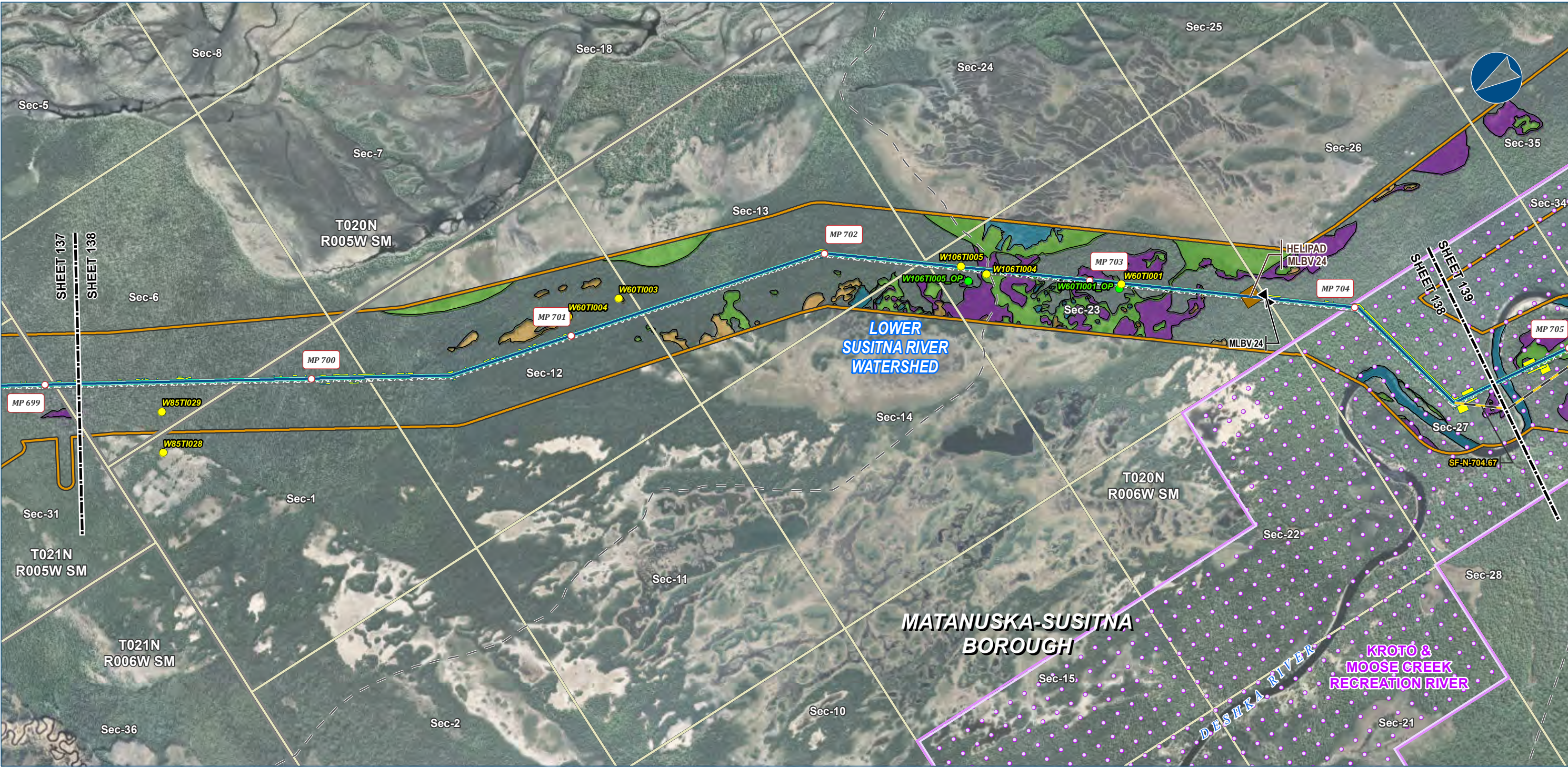
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 137





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**PERMANENT ROW**

- Permanent ROW
- Construction ROW
- ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

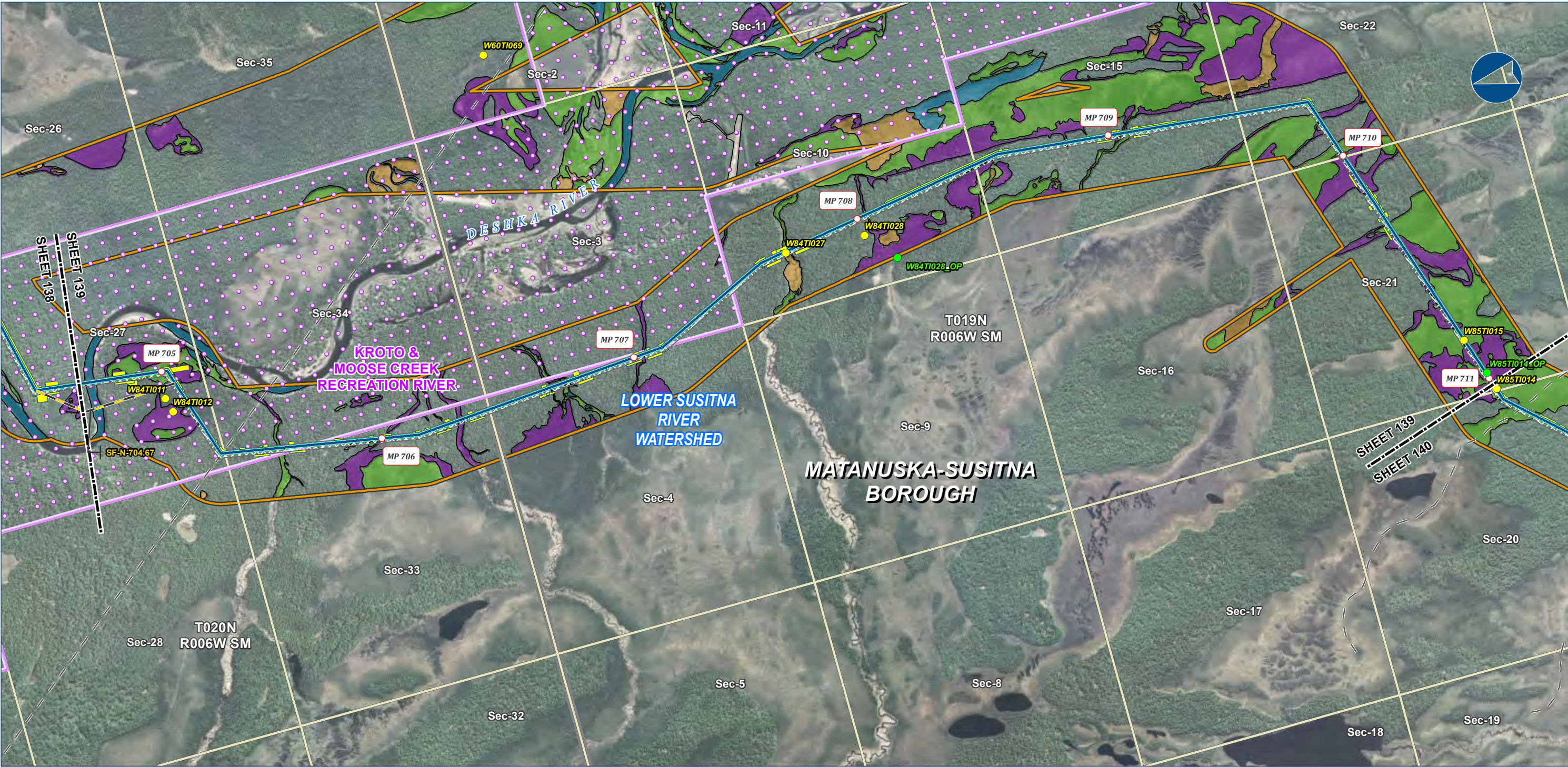
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 138





Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Permanent ROW
  - Construction ROW
  - Off Road Trails
  - Conservation Lands
  - Section
  - Township
- Wetland Mapping Extent**
- Wetland Field Verification Location
  - Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)**
- Open Water
  - PEM
  - PFO
  - PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

**ALASKA LNG PROJECT**  
**Wetland Resources**  
**Mainline Rev C2 Route**

BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY:	AGDC
STATE:	ALASKA	CHECKED BY:	
REV. NO.:	REVISION	DATE	
A	ISSUED FOR REVIEW	2017-03-23	

**PRELIMINARY**

1:24,000 0 1/4 1/2 Miles

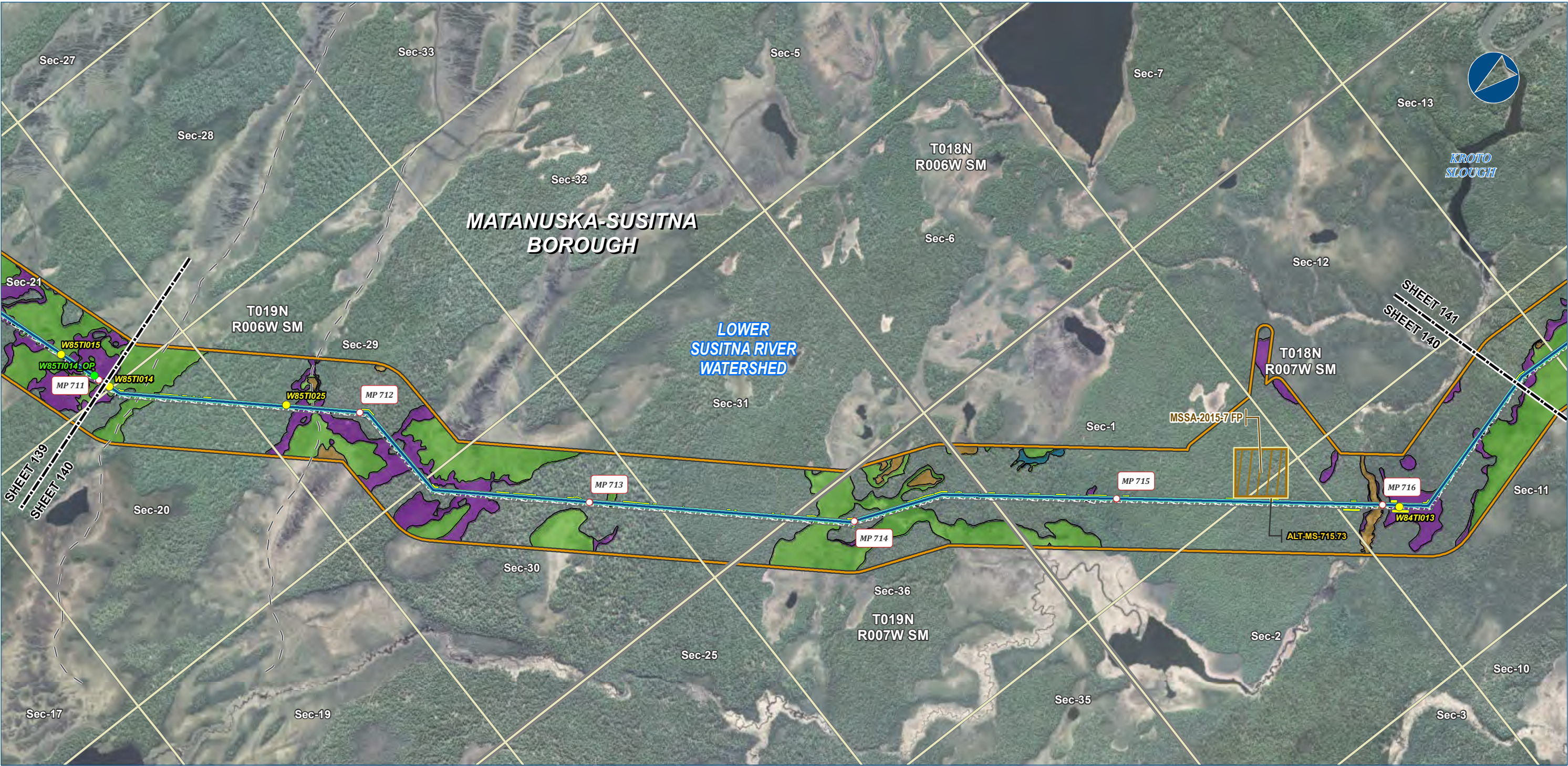
DATE: 2017-03-23 PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 139





Alaska LNG Project

- Legend**

**PIPELINE**

  - Alaska LNG Rev C2 Route
  - Access Road - Gravel

**EXISTING FEATURES**

  - Existing Roads
  - Off Road Trails
  - Section
  - Township

**Wetland Area (areas not colored are uplands)**

  - Open Water
  - PEM
  - PFO
  - PSS
- Wetland Mapping Extent**

  - Wetland Field Verification Location
  - Wetland Field Observation Location

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

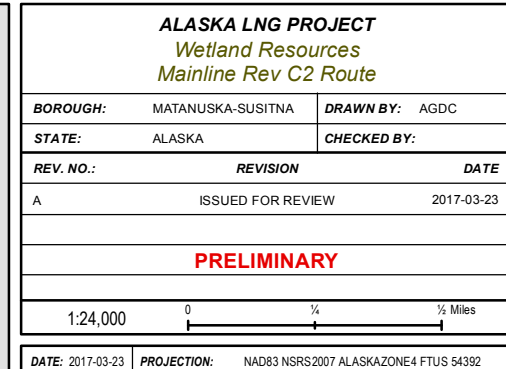
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 140



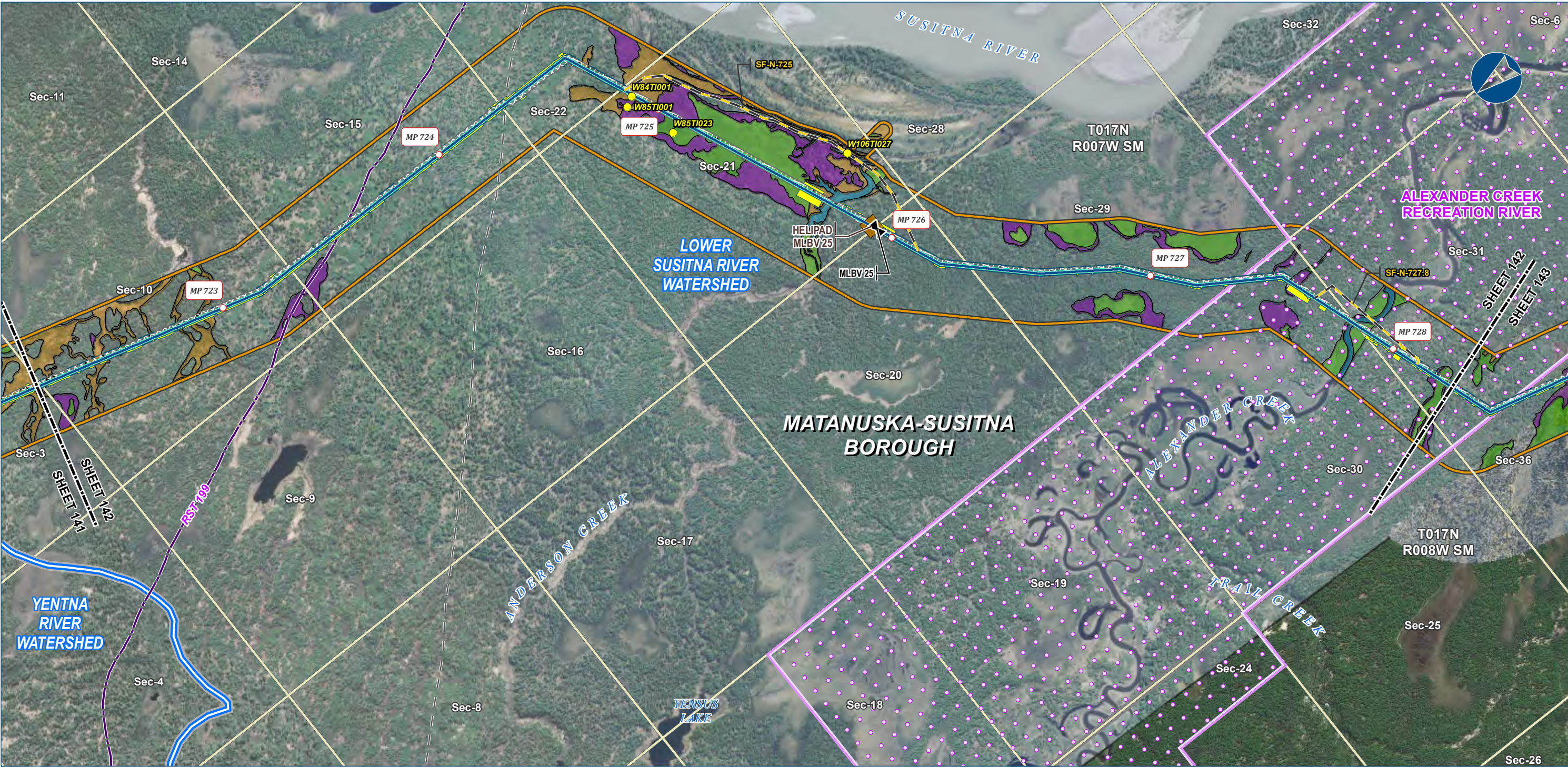


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<b>DWG:</b> RR2_APPENDIX_F2_MAINLINE_AERIAL_REV_C2_CL	<b>SHEET:</b> 141
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Alaska LNG Project

- Legend**

**PIPELINE**

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

  - Existing Roads
  - Revised Statute 2477 Trail
  - Off Road Trails
  - Conservation Lands
  - Section
  - Township
- Wetland Area (areas not colored are uplands)**

  - Open Water
  - PEM
  - PFO
  - PSS
- Wetland Mapping Extent**

  - Wetland Field Verification Location
  - Wetland Field Observation Location
  - Watershed Boundary
- Other Features**

  - Permanent ROW
  - Construction ROW
  - ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 142





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

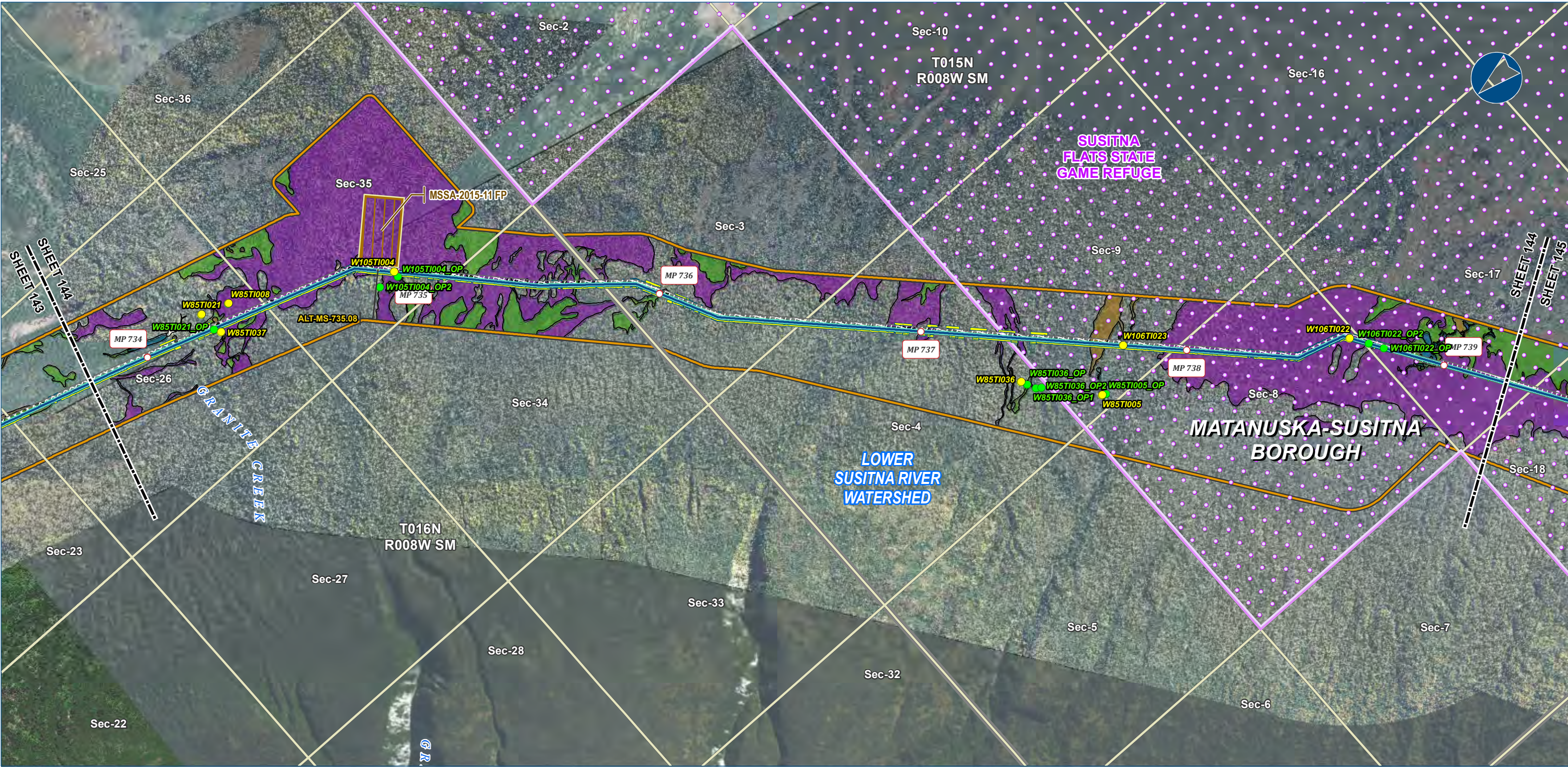
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 143





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Material Site Study Area (MSSA)**

- MSSA-2015-11 FP
- ALT-MS-735.08

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

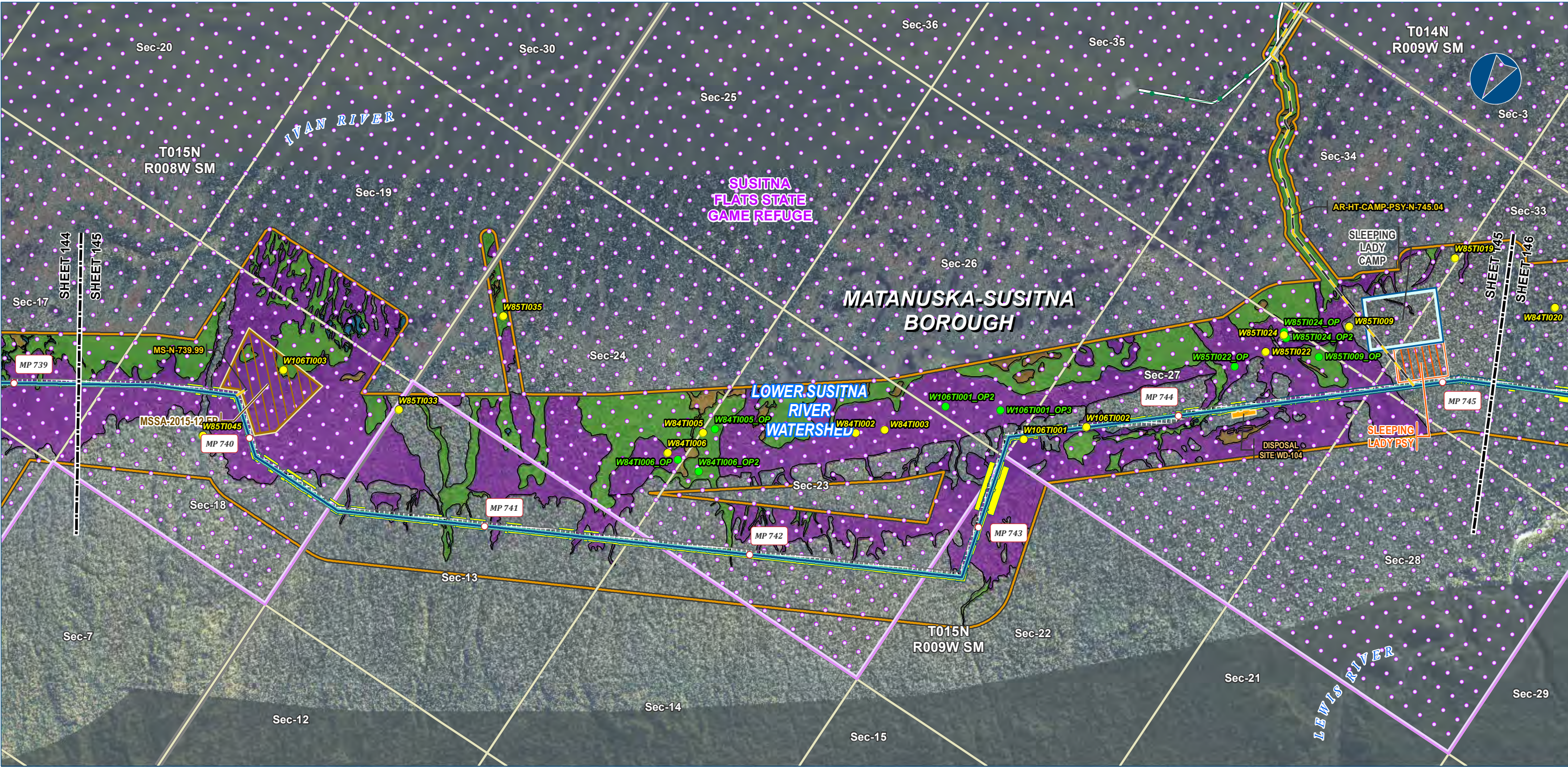
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 144





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Existing Pipeline
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

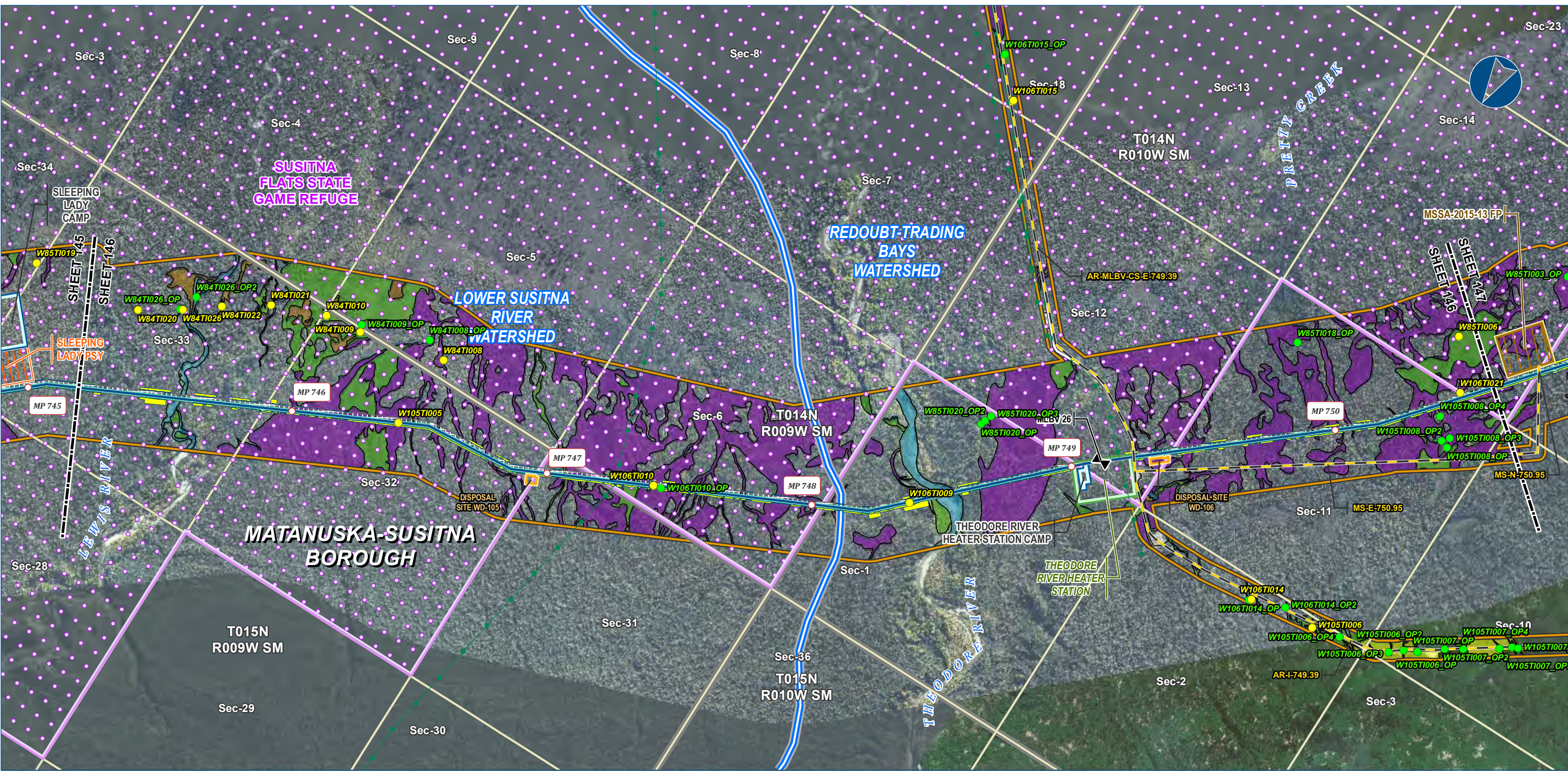
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION: NAD83 NRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 145





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Existing Pipeline
- Conservation Lands
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- N/A
- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

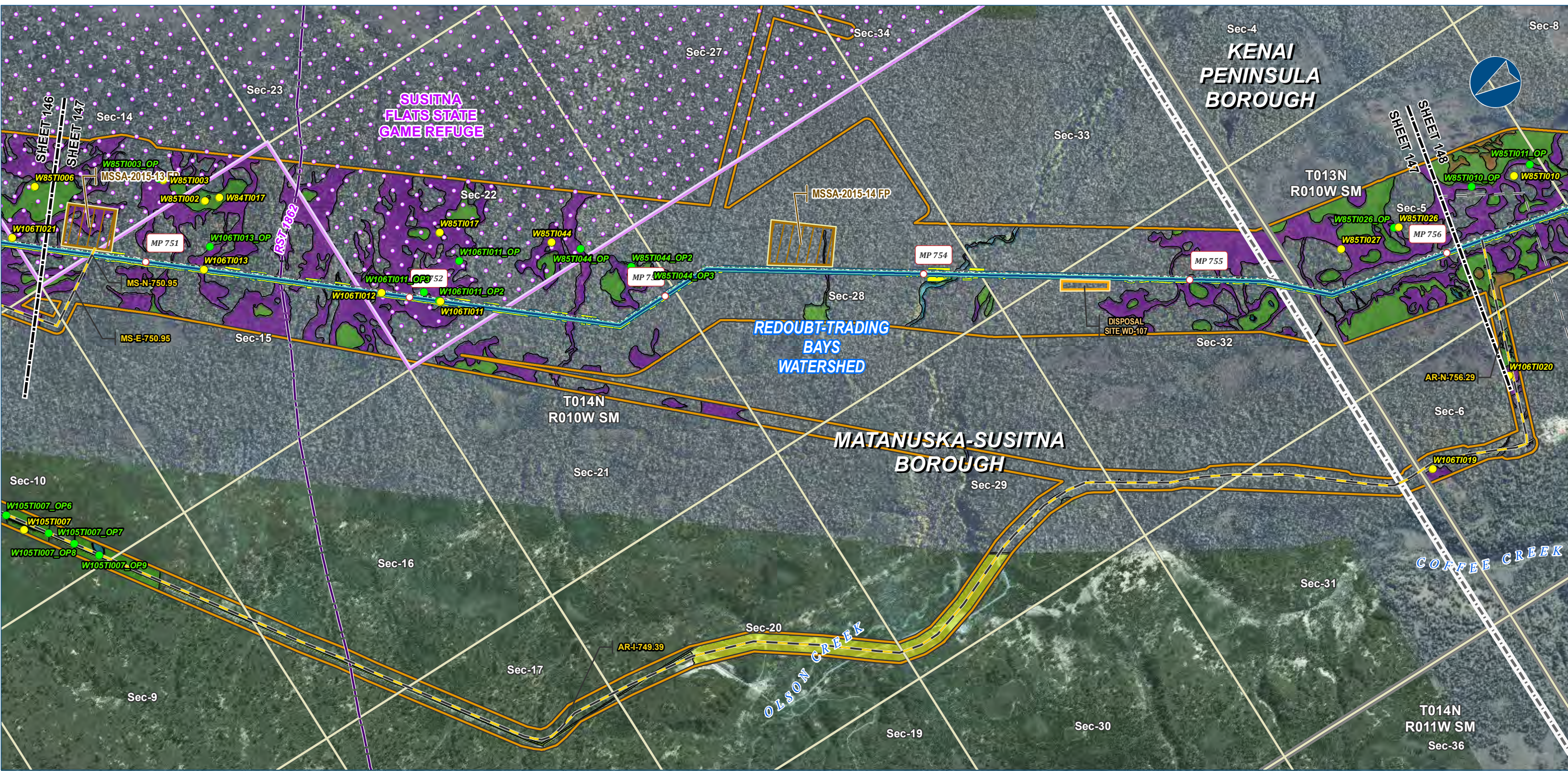
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 146





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Borough / Census Area
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- N/A
- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 147





Alaska LNG Project

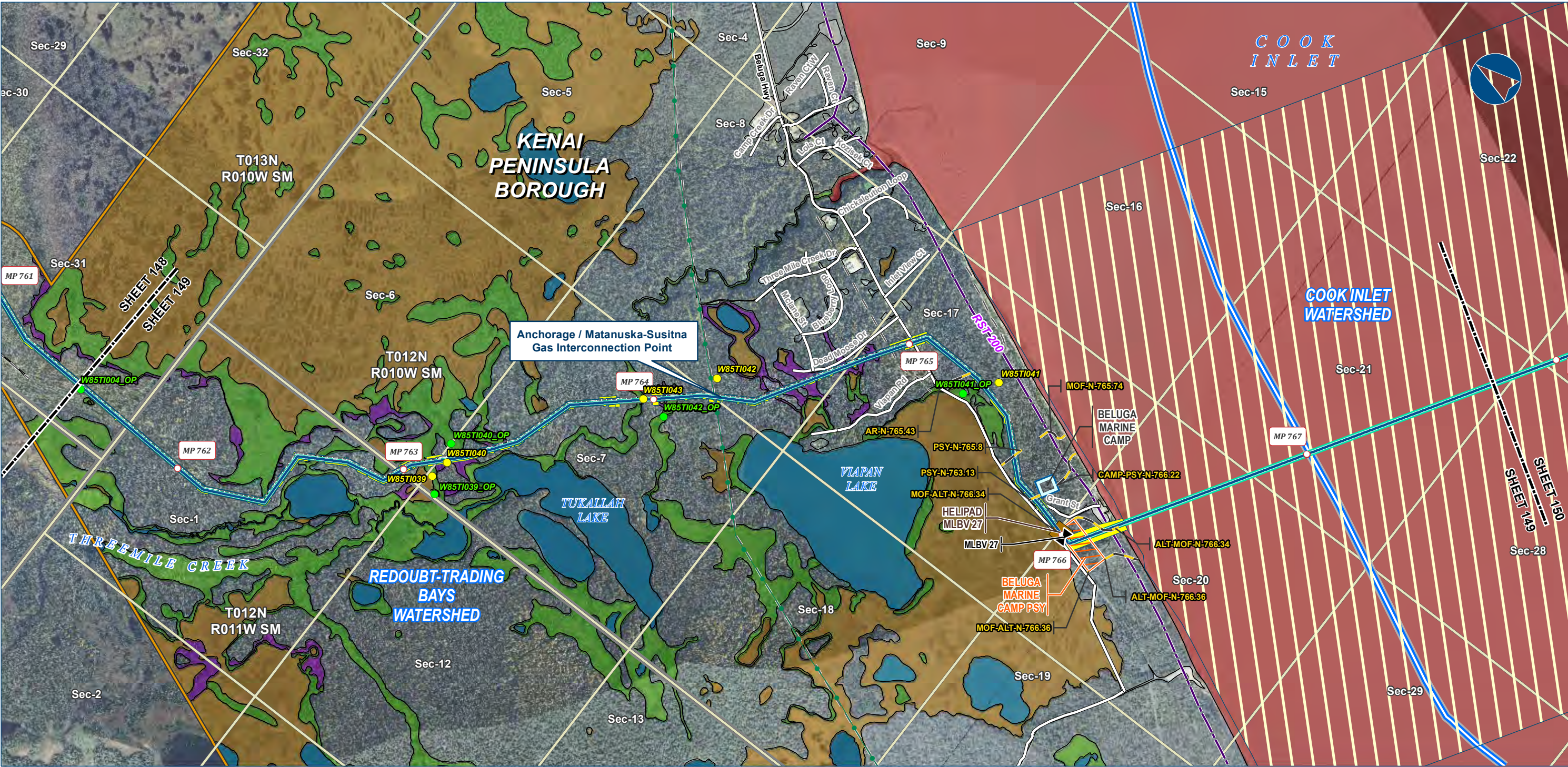
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Existing Roads
  - Off Road Trails
  - Section
  - Township
- Wetland Area (areas not colored are uplands)**
- Open Water
  - PEM
  - PFO
  - PSS
- Wetland Mapping Extent**
- Wetland Field Verification Location
  - Wetland Field Observation Location
- Other Features**
- Permanent ROW
  - Construction ROW
  - ATWS
  - Disposal Site
  - Material Site Study Area (MSSA)

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F2_MAINLINE_AERIAL_REV_C2_CL	SHEET: 148





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Lay Barge Anchor Spread Area
- Off ROW Camp
- Pipe Storage Yard (PSY)

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 149





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- Section
- Township

**Wetland Mapping Extent**

- Watershed Boundary
- Wetland Area (areas not colored are uplands)
- Marine

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Lay Barge Anchor Spread Area

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

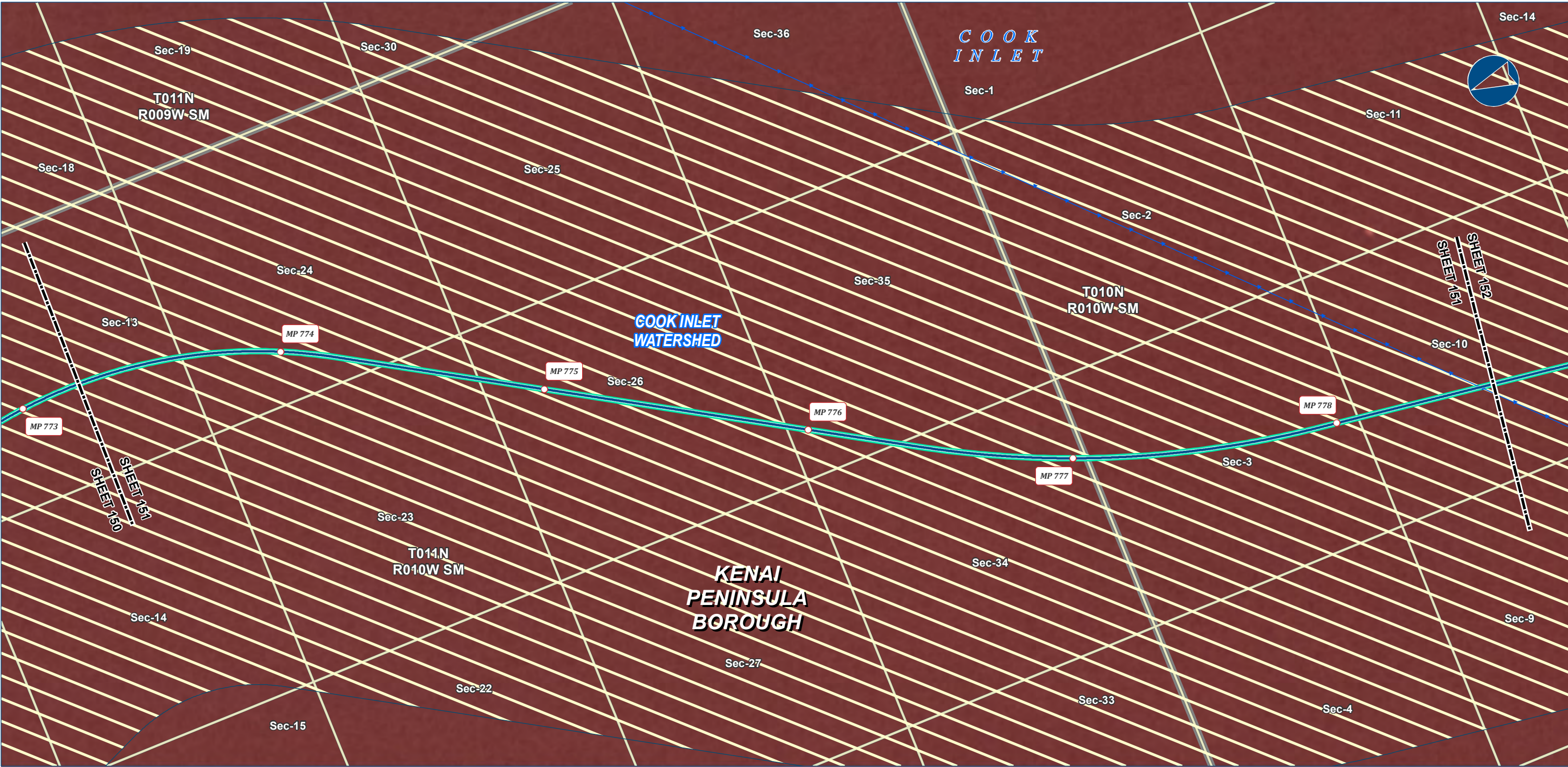
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 150





Alaska LNG Project

- Legend**

**PIPELINE**

  - Alaska LNG Rev C2 Route
- Permanent ROW
  - Construction ROW
  - ATWS
  - Lay Barge Anchor Spread Area
- EXISTING FEATURES**

  - Existing Roads
  - Submarine Cable
  - Section
  - Township
- Wetland Mapping Extent**

  - Wetland Area (areas not colored are uplands)
  - Marine

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

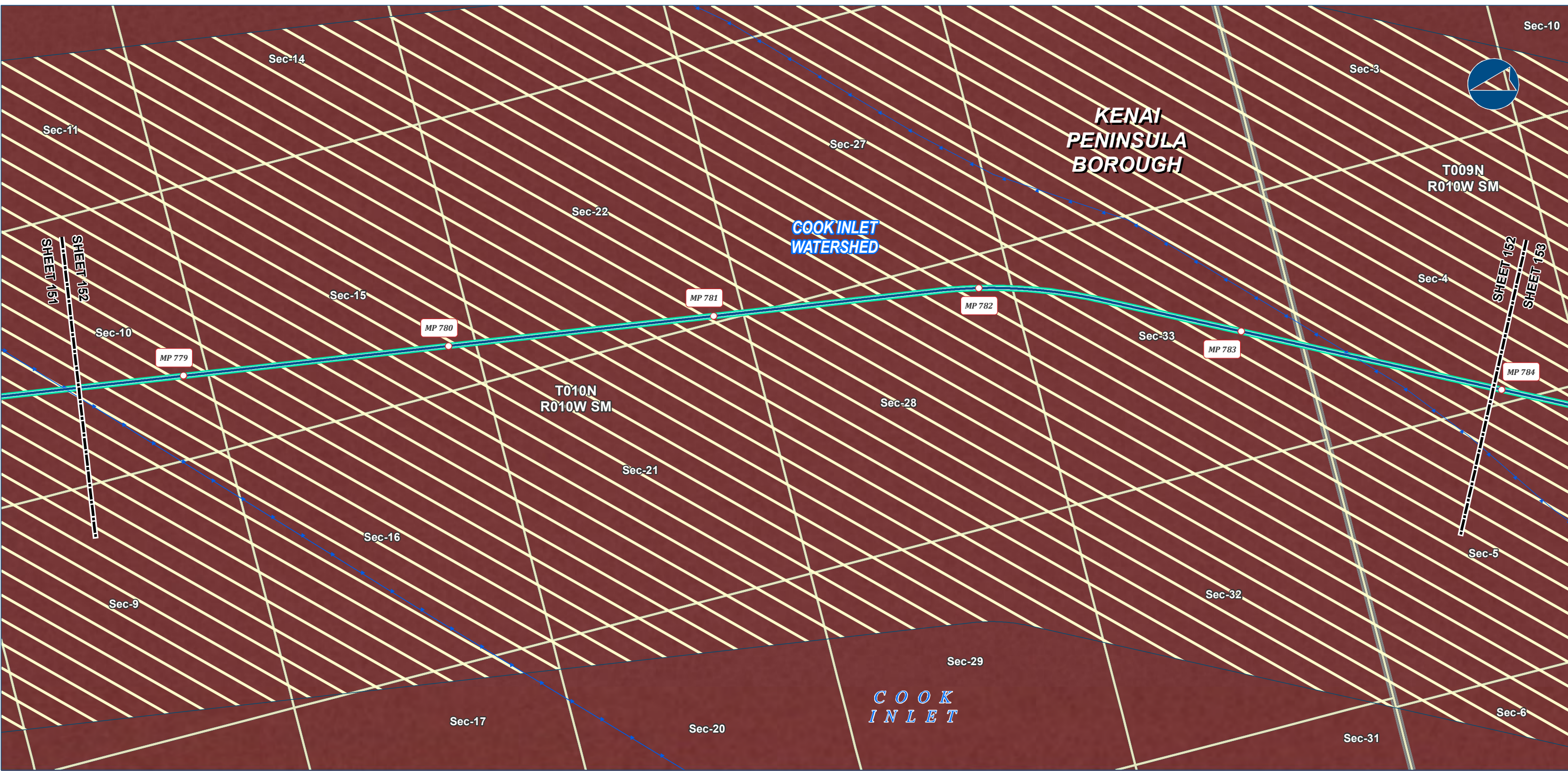
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 151





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- Submarine Cable
- Section
- Township

**Wetland Mapping Extent**

- Wetland Area (areas not colored are uplands)
- Marine

**Wetland Categories**

- Permanent ROW
- Construction ROW
- ATWS
- Lay Barge Anchor Spread Area

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

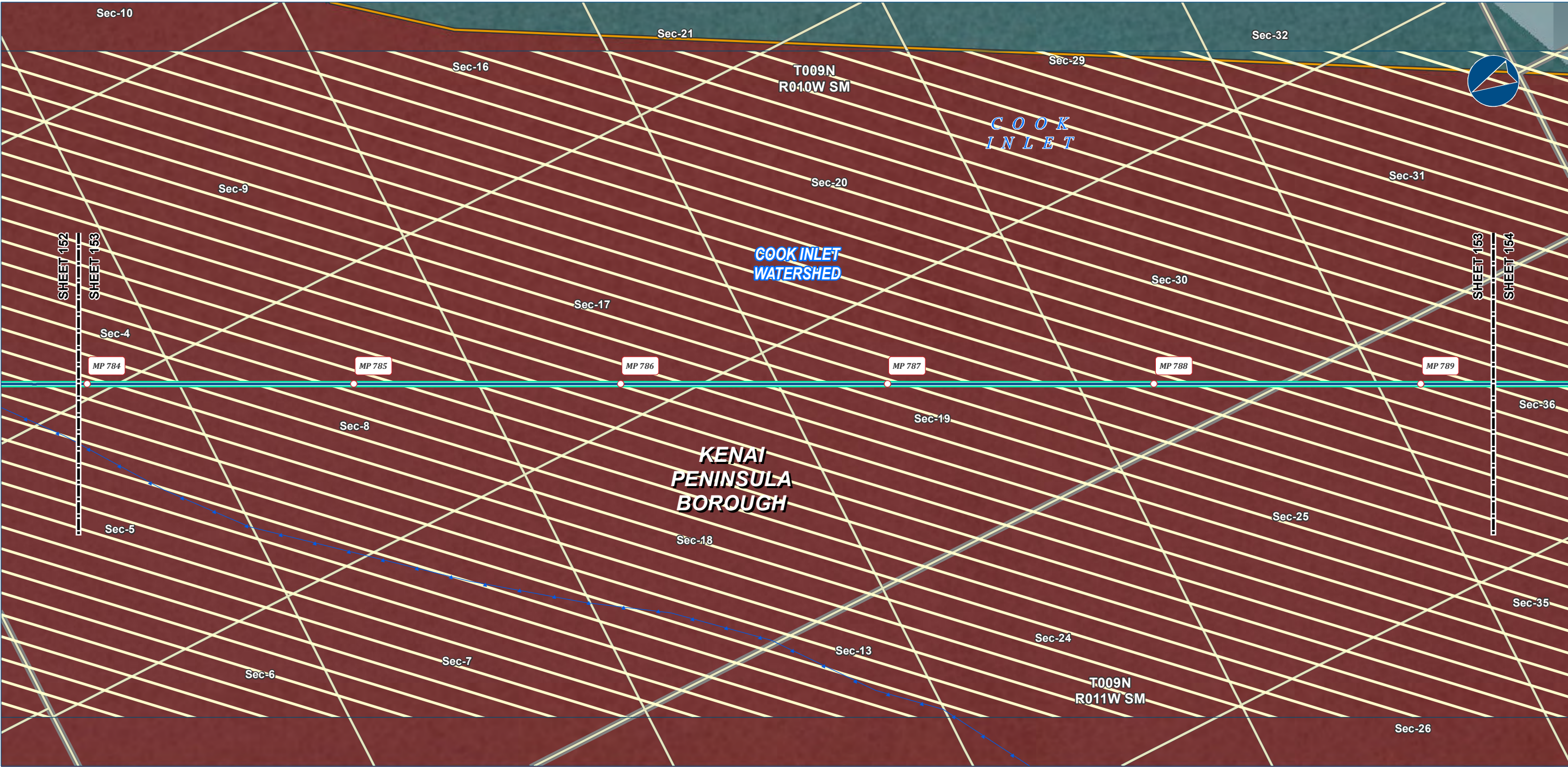
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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 152





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

- Permanent ROW
- Construction ROW
- ATWS
- Lay Barge Anchor Spread Area

**EXISTING FEATURES**

- Existing Roads
- Submarine Cable
- Section
- Township

- Wetland Mapping Extent
- Wetland Area (areas not colored are uplands)
- Marine

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

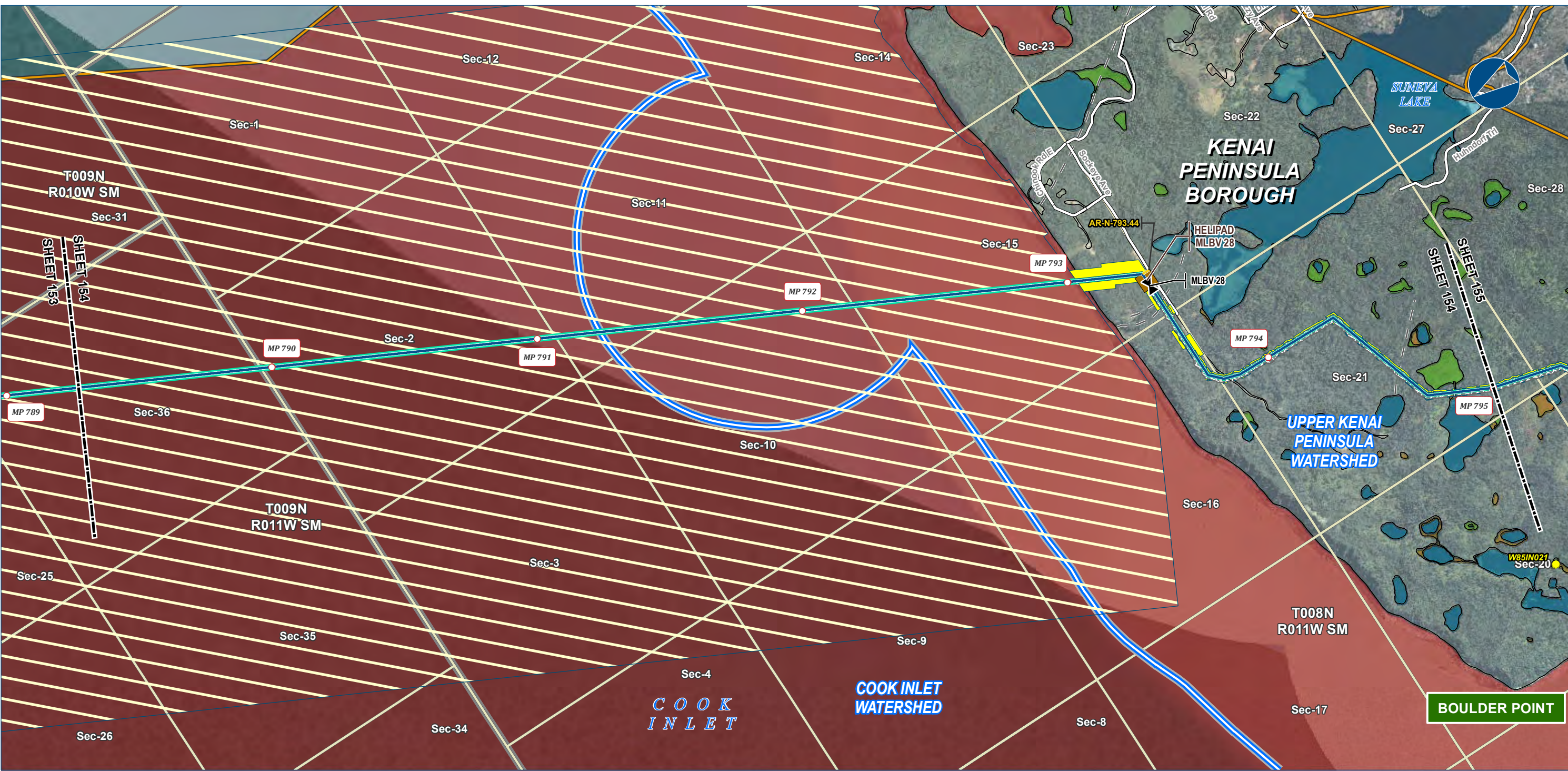
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL SHEET: 153





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Lay Barge Anchor Spread Area

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 154





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PFO
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 155





**Legend**

**LNG**

- Permanent
- Construction
- Temporary Construction Camp

**PIPELINE**

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

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PFO
- PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-23
PRELIMINARY		
1:24,000		
DATE: 2017-03-23	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_MAINLINE\_AERIAL\_REV\_C2\_CL

SHEET: 156



# Alaska LNG Project

## Wetland Resources Point Thomson Rev C Route

## Resource Report 2, Appendix F2 Aerial Mapping

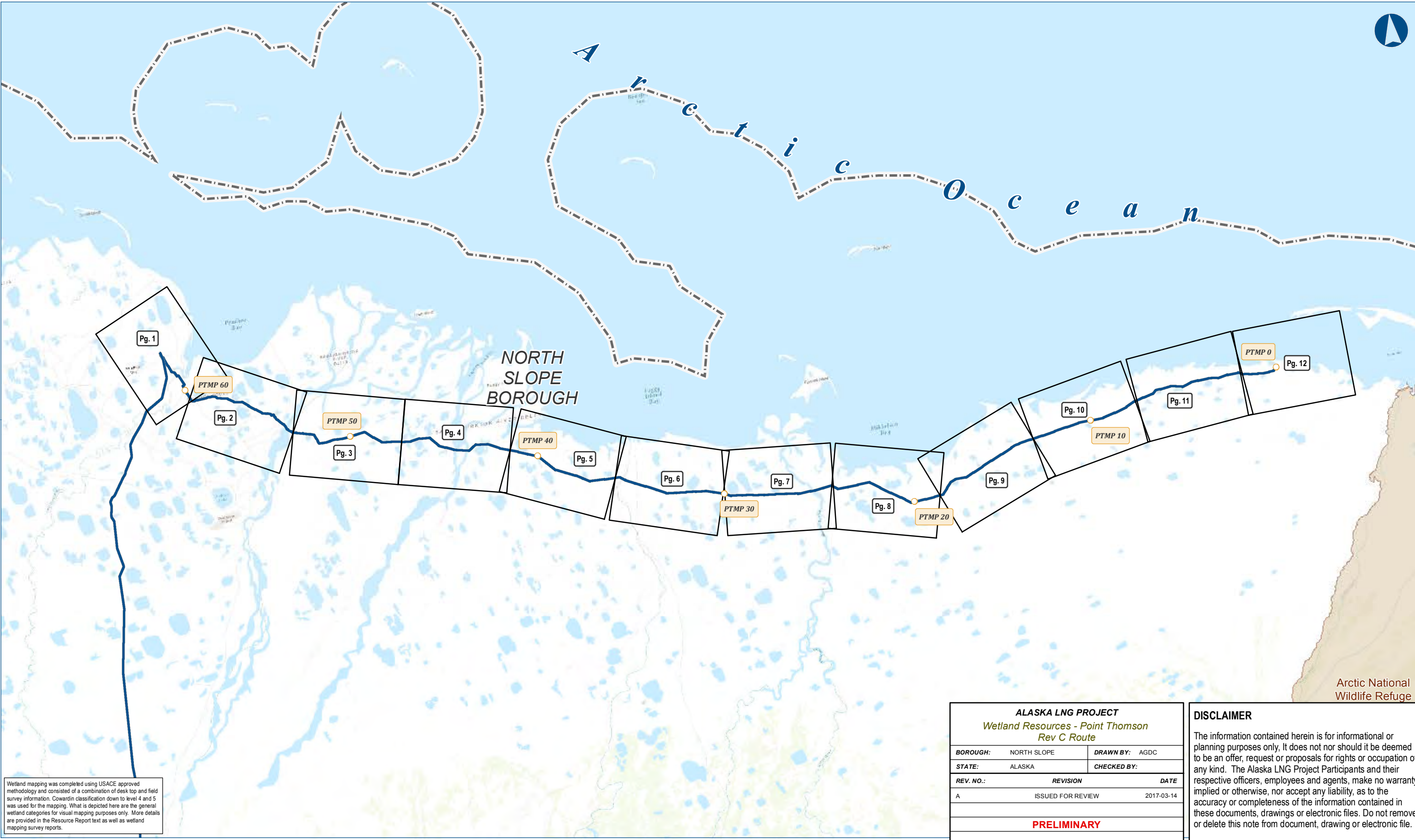


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ALASKA LNG PROJECT		
Wetland Resources		
Point Thomson Rev C Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-13
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-13	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F2_PTTL_AERIAL_REV_C_CL_COVER

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SHEET: COVER PAGE



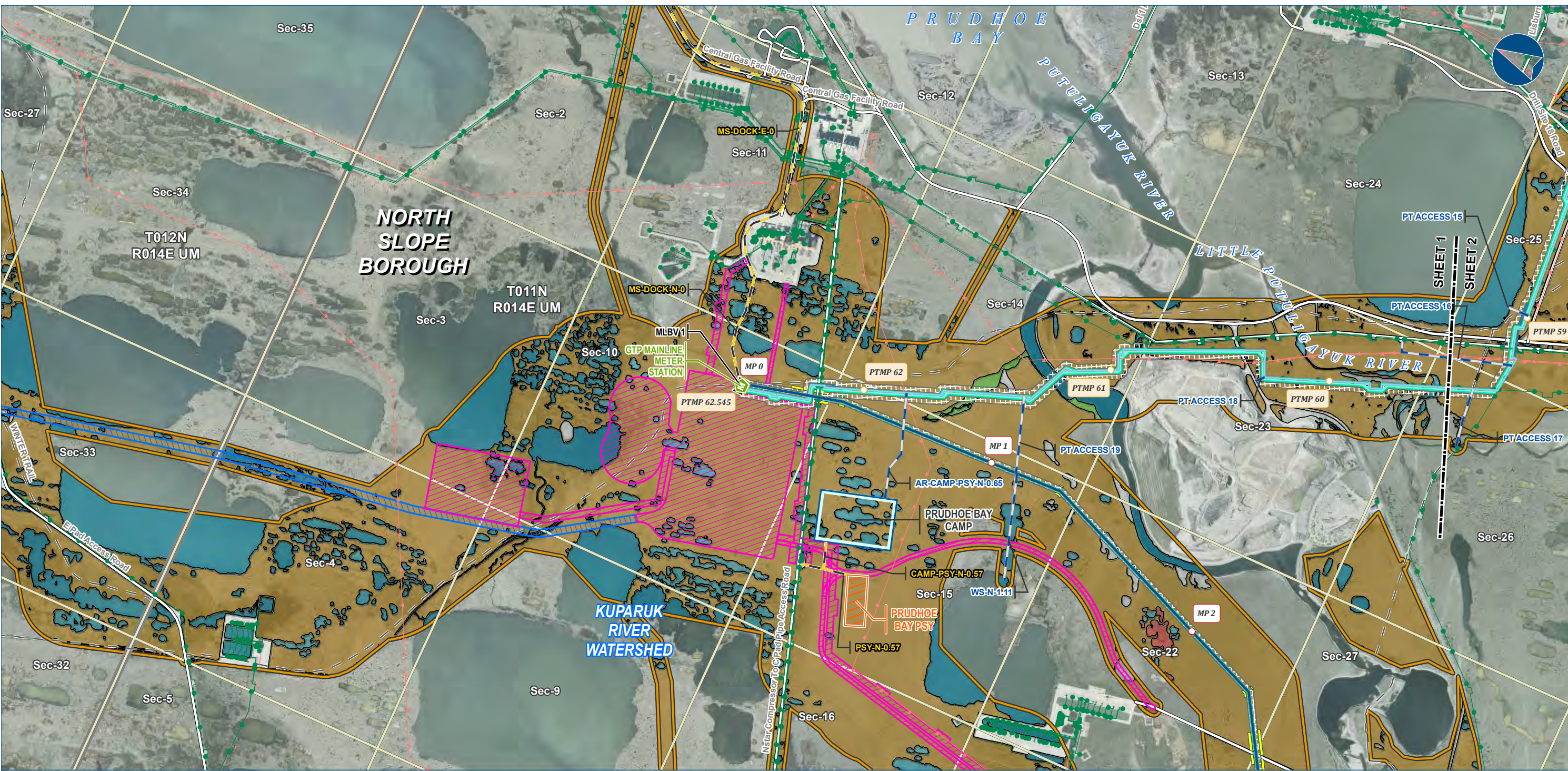


ALASKA LNG PROJECT		
Wetland Resources - Point Thomson Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
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DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_1_2_P TTL_INDEX_REV_C_CL

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**Legend**

**GTP**

- GTP Footprint - Permanent
- GTP Footprint - Construction

**PIPELINE**

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

**M** Meter Station

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PSS

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE: 2017-03-29	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 1





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Wetland Mapping Extent
- Watershed Boundary
- Open Water
- PEM

**Other Features**

- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS
- Camp
- Pipe Storage Yard (PSY)

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

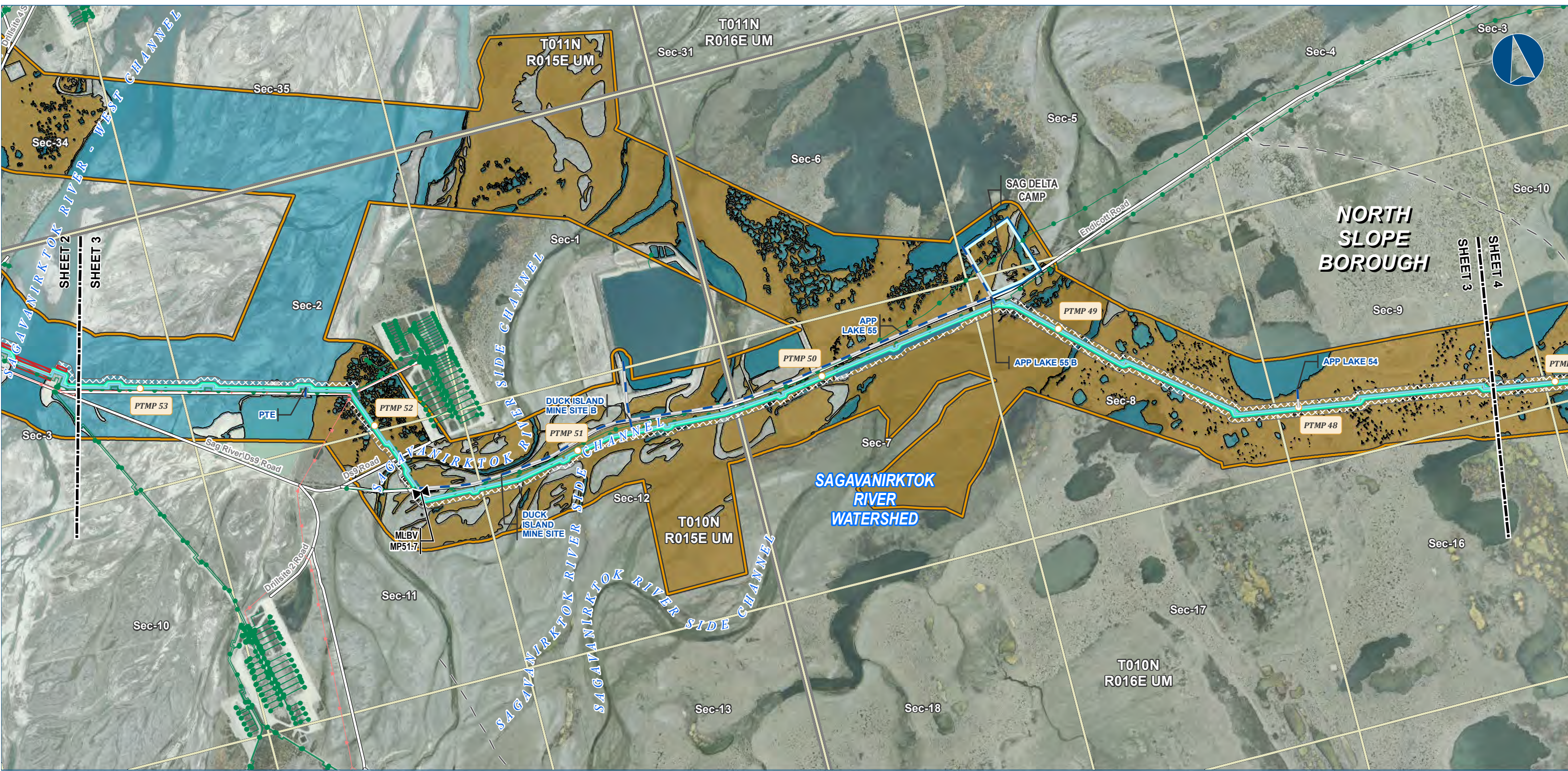
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 2





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM

**Other Features**

- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS
- Camp

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

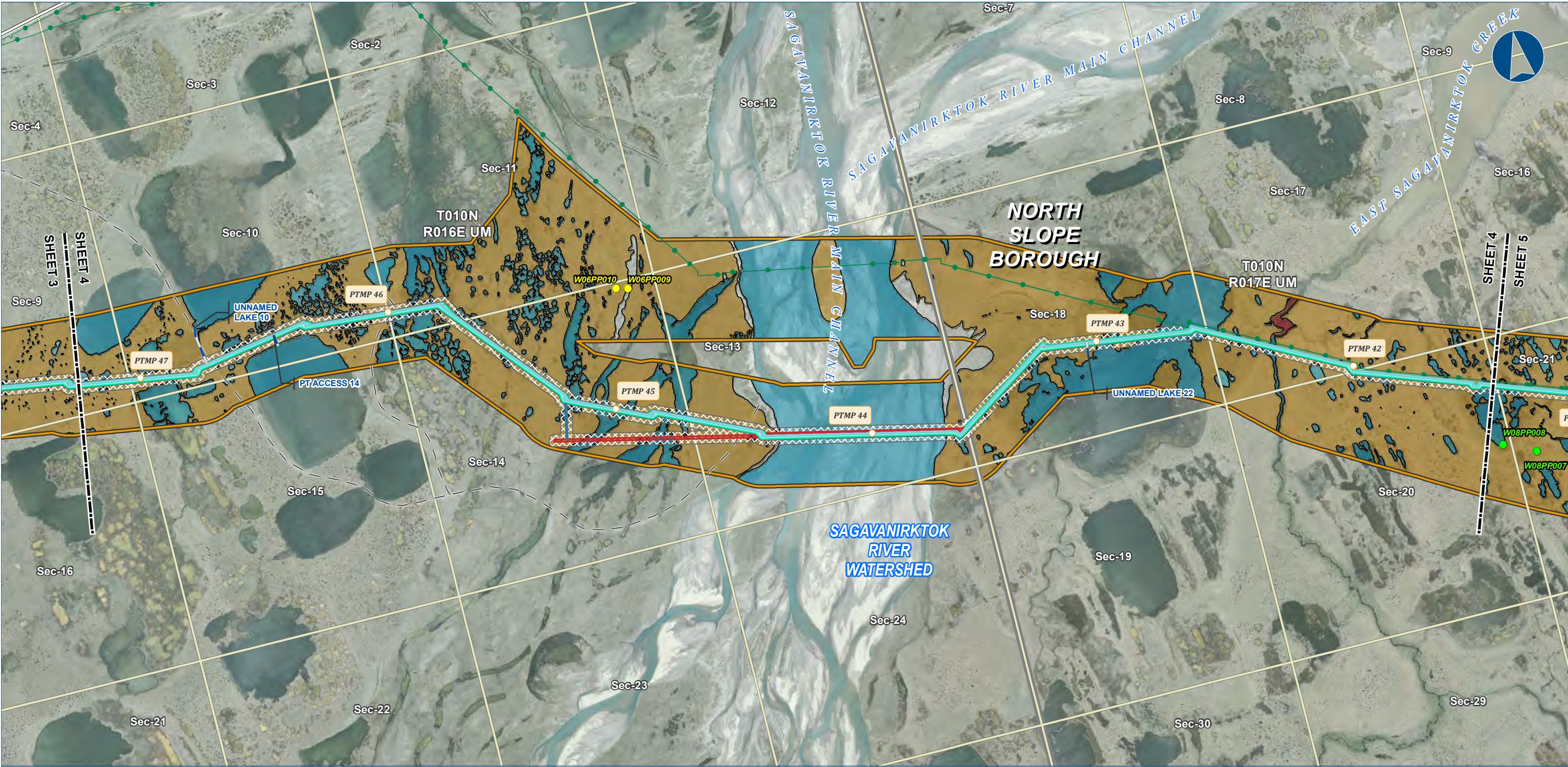
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 3





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**Other Features**

- Permanent ROW
- Construction ROW
- Road Crossing ATWS
- Stream Crossing ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 4





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

- Existing Roads
- Existing Pipeline
- Section
- Township

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
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DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

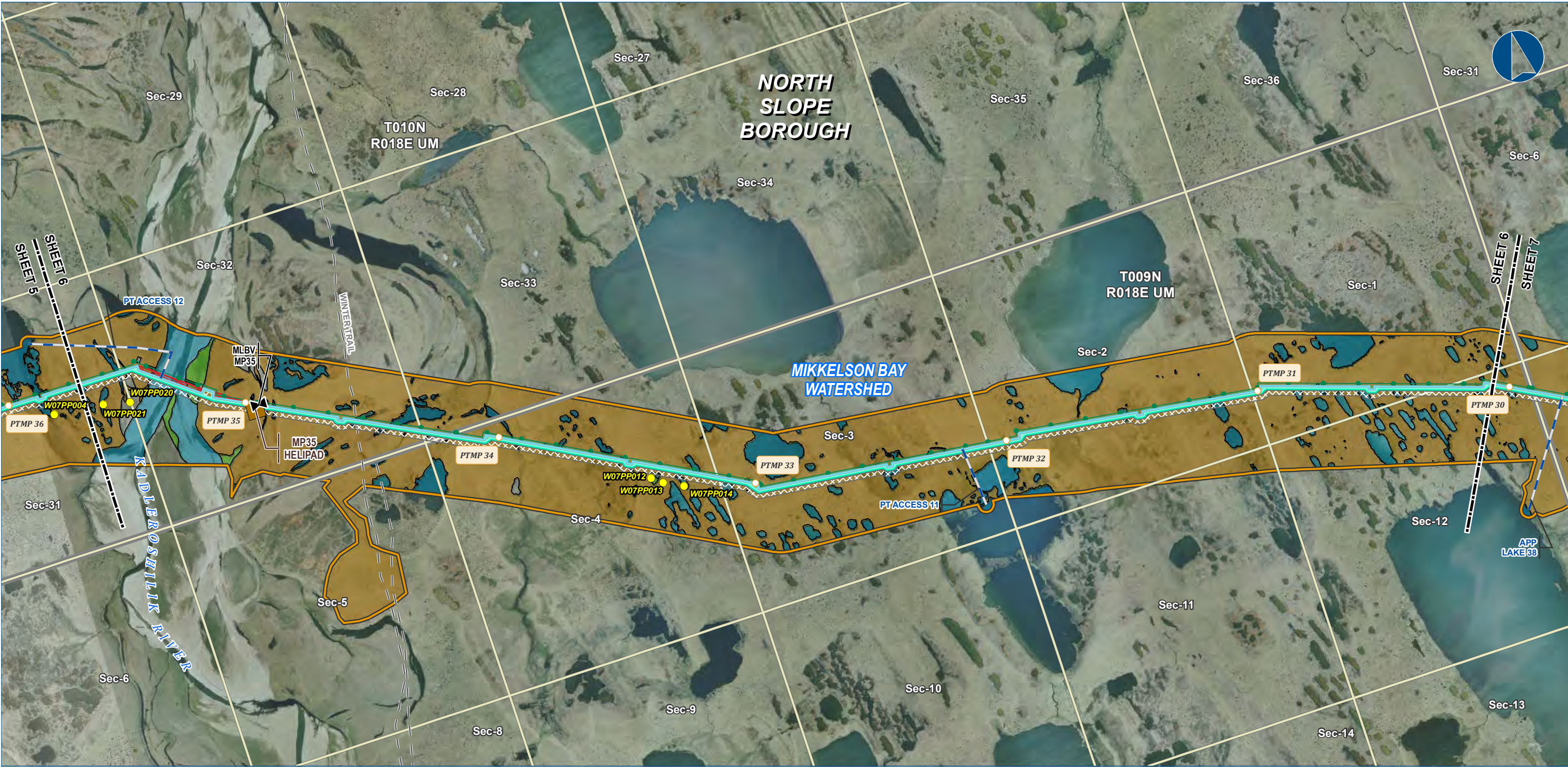
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 5





Alaska LNG Project

**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Wetland Mapping**

- Permanent ROW
- Construction ROW
- Stream Crossing ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE:	2017-03-29	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

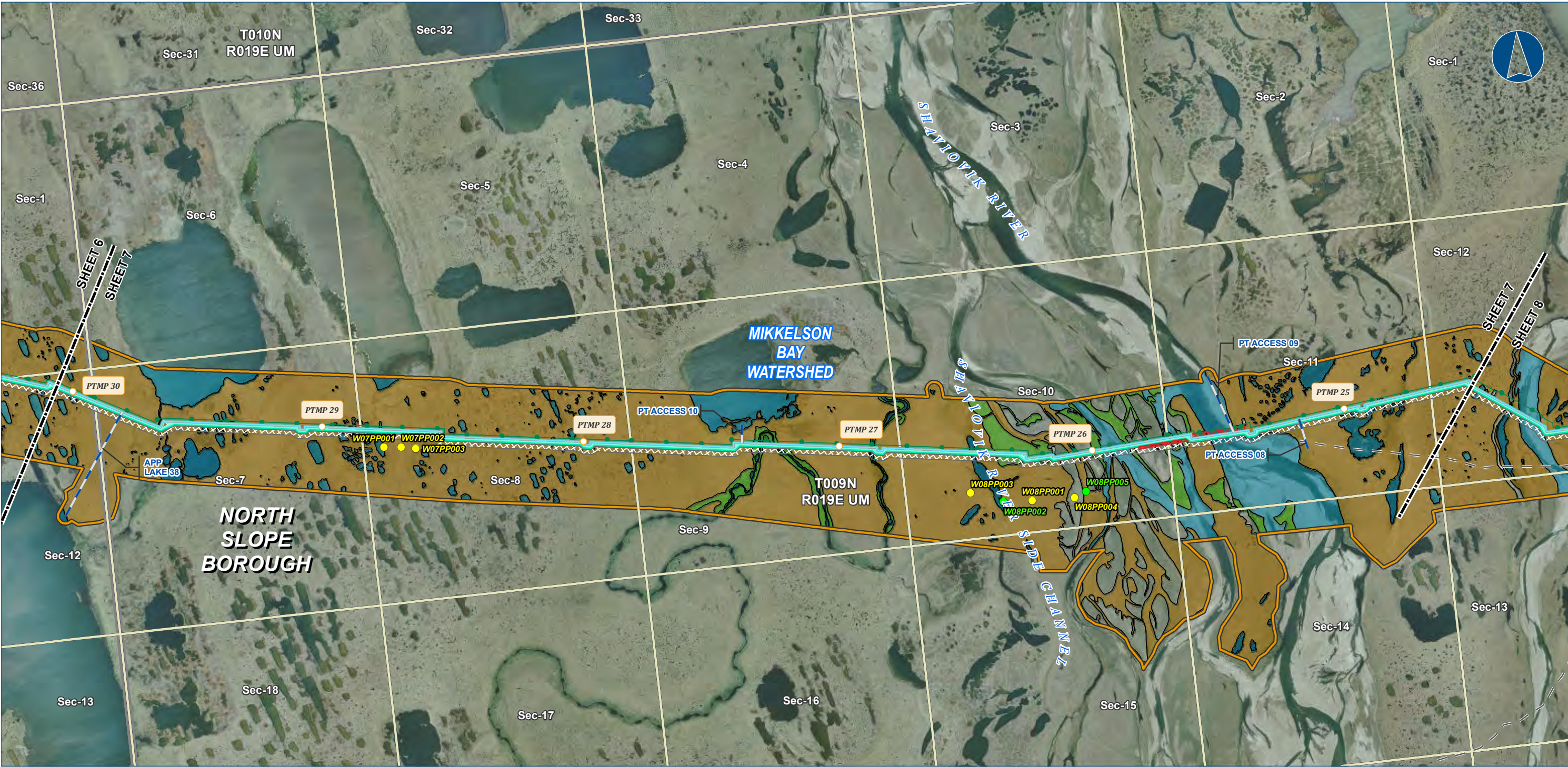
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 6





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 7





Alaska LNG Project

**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 8





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road
- Mainline Blockvalve

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

**Wetland Area (areas not colored are uplands)**

- Open Water
- PEM
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
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DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

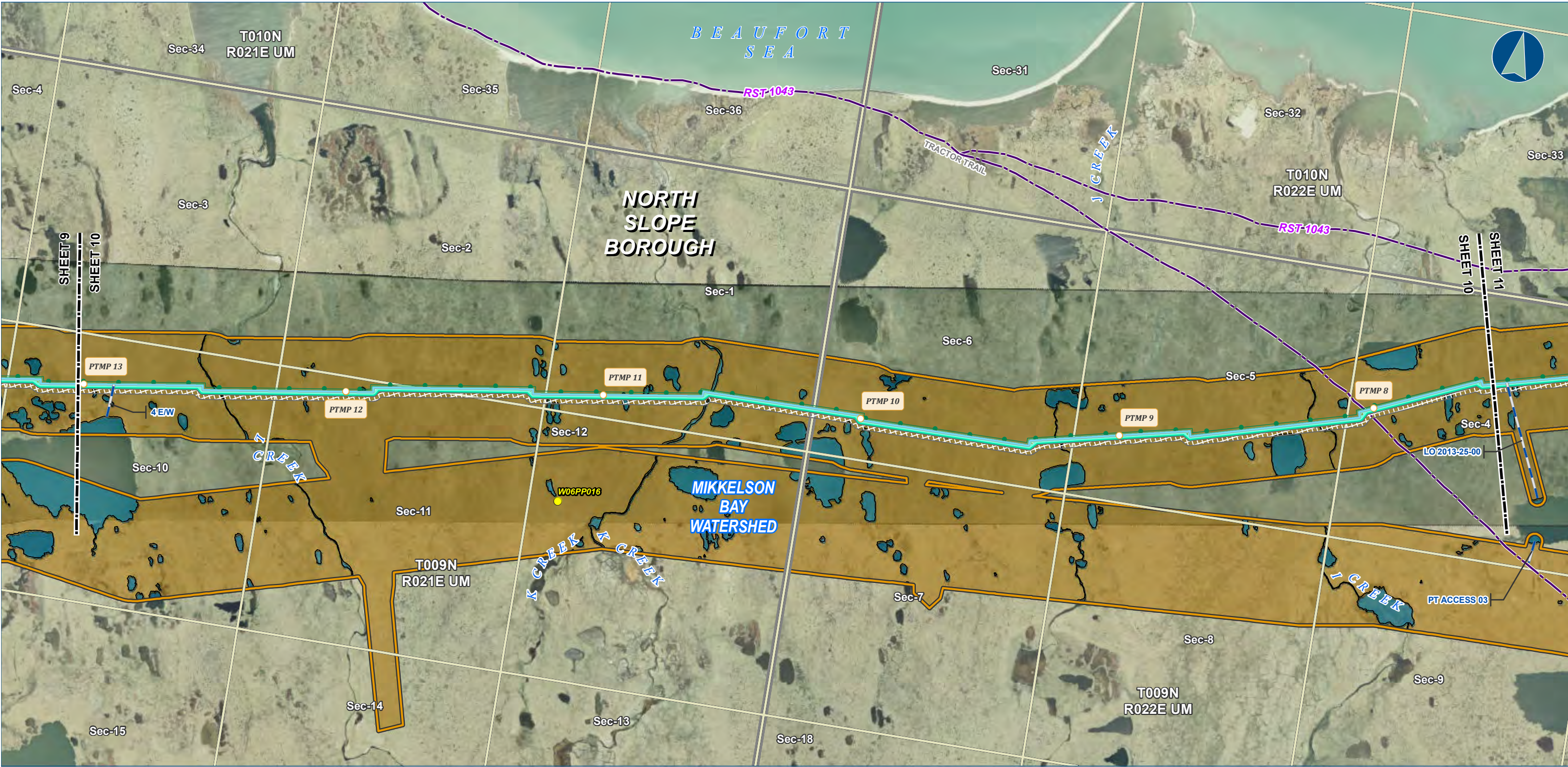
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 9





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM

**Other Features**

- Permanent ROW
- Construction ROW

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ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
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DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

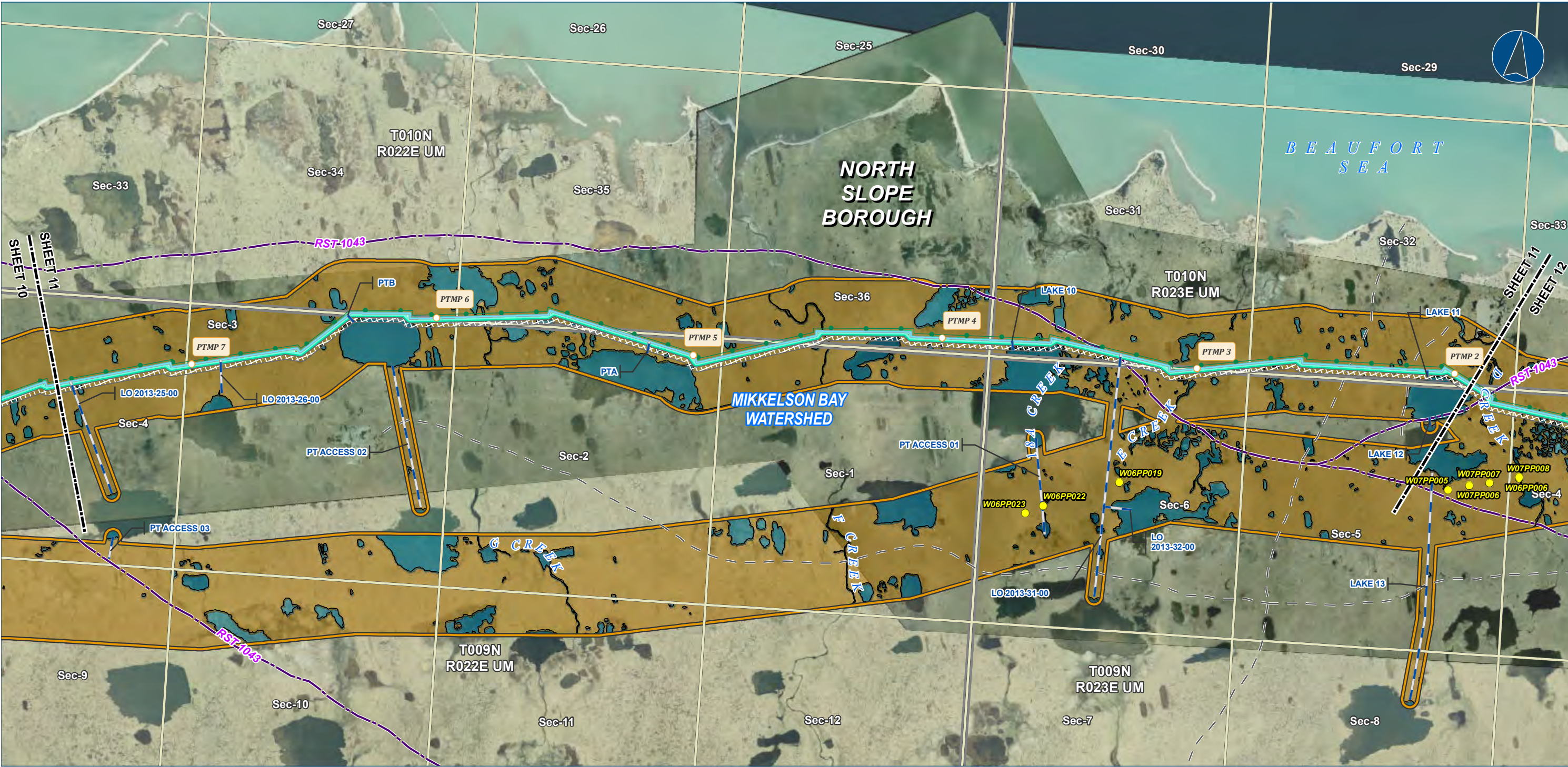
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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 10





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Wetland Mapping Extent
- Wetland Field Verification Location
- Open Water
- PEM

**Wetland Mapping**

- Permanent ROW
- Construction ROW

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ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-29	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

SHEET: 11





**Legend**

**PIPELINE**

- Point Thomson Transmission Line
- Ice Pad Access Road
- Meter Station

**EXISTING FEATURES**

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

**Wetland Area (areas not colored are uplands)**

- Marine
- Open Water
- PEM
- PSS

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Watershed Boundary

**Other Features**

- Permanent ROW
- Construction ROW

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources - Point Thomson		
Rev C Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE:	2017-03-29	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F2\_PTTL\_AERIAL\_REV\_C\_CL

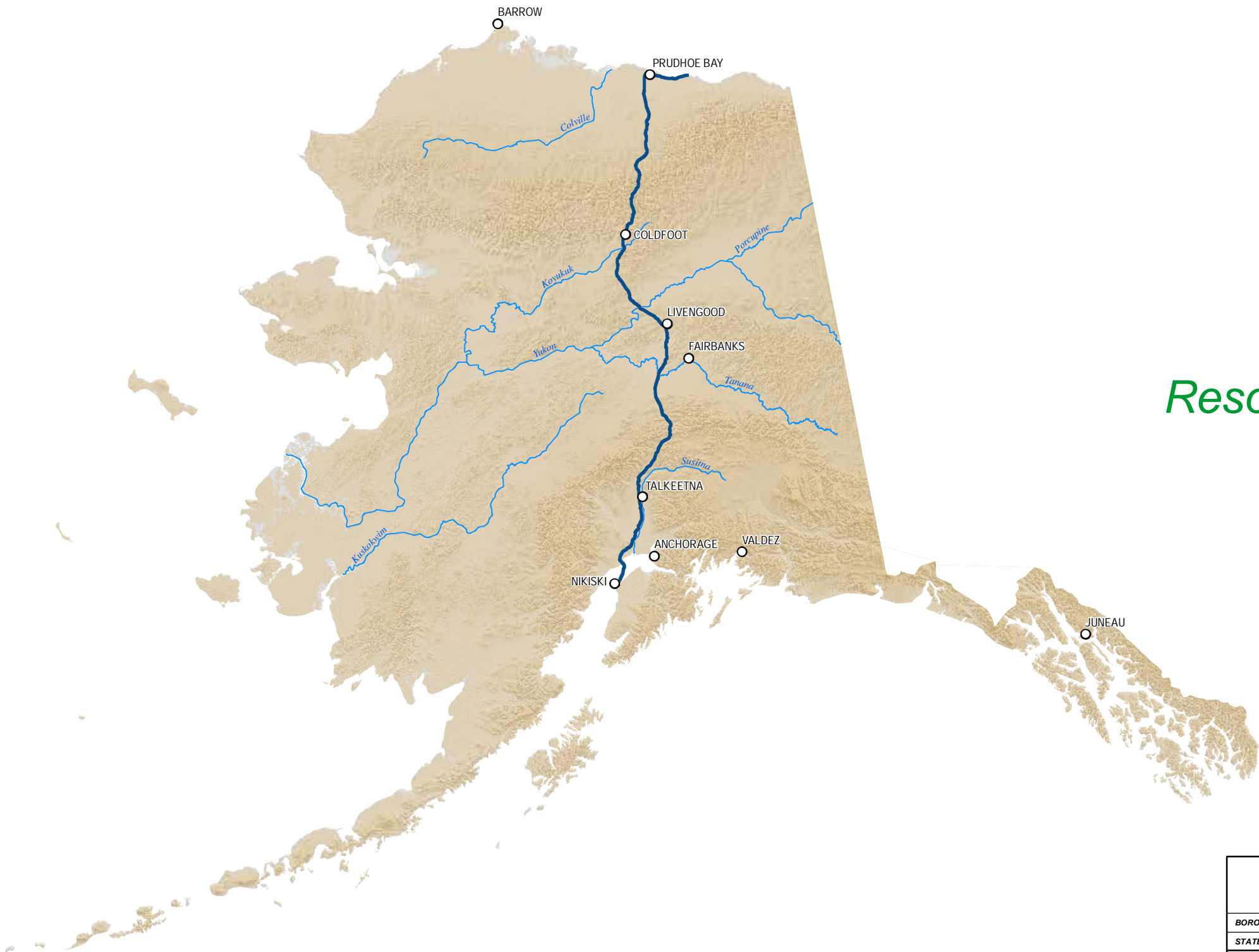
SHEET: 12



# Alaska LNG Project

Wetland Resources  
Mainline Rev C2 Route  
Off ROW Facilities &  
Access Roads

Resource Report 2, Appendix F3  
Topographical Mapping



Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

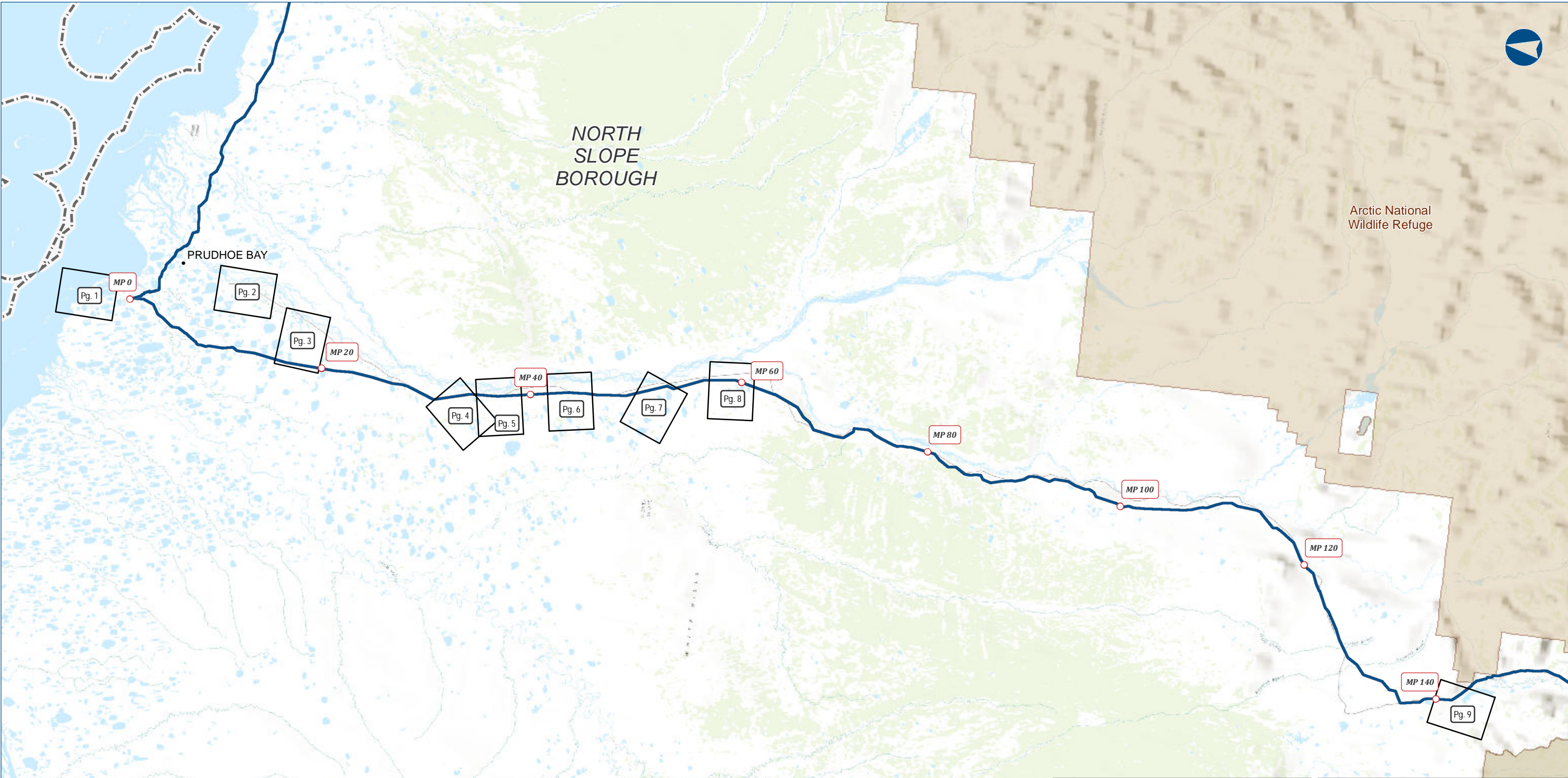
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-13
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-13	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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DATE: 2017-03-13    PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004    DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL\_COVER    SHEET: COVER PAGE





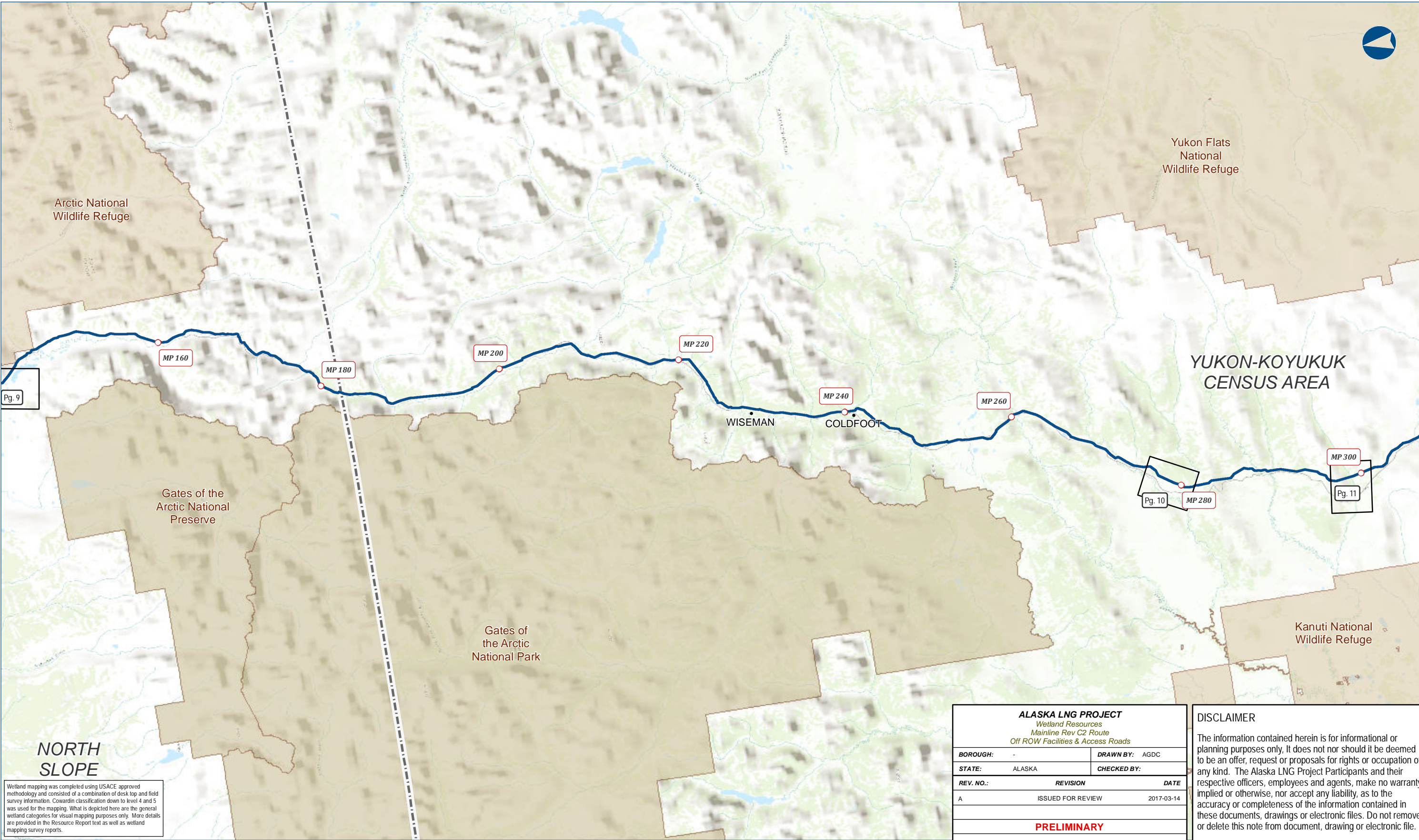
Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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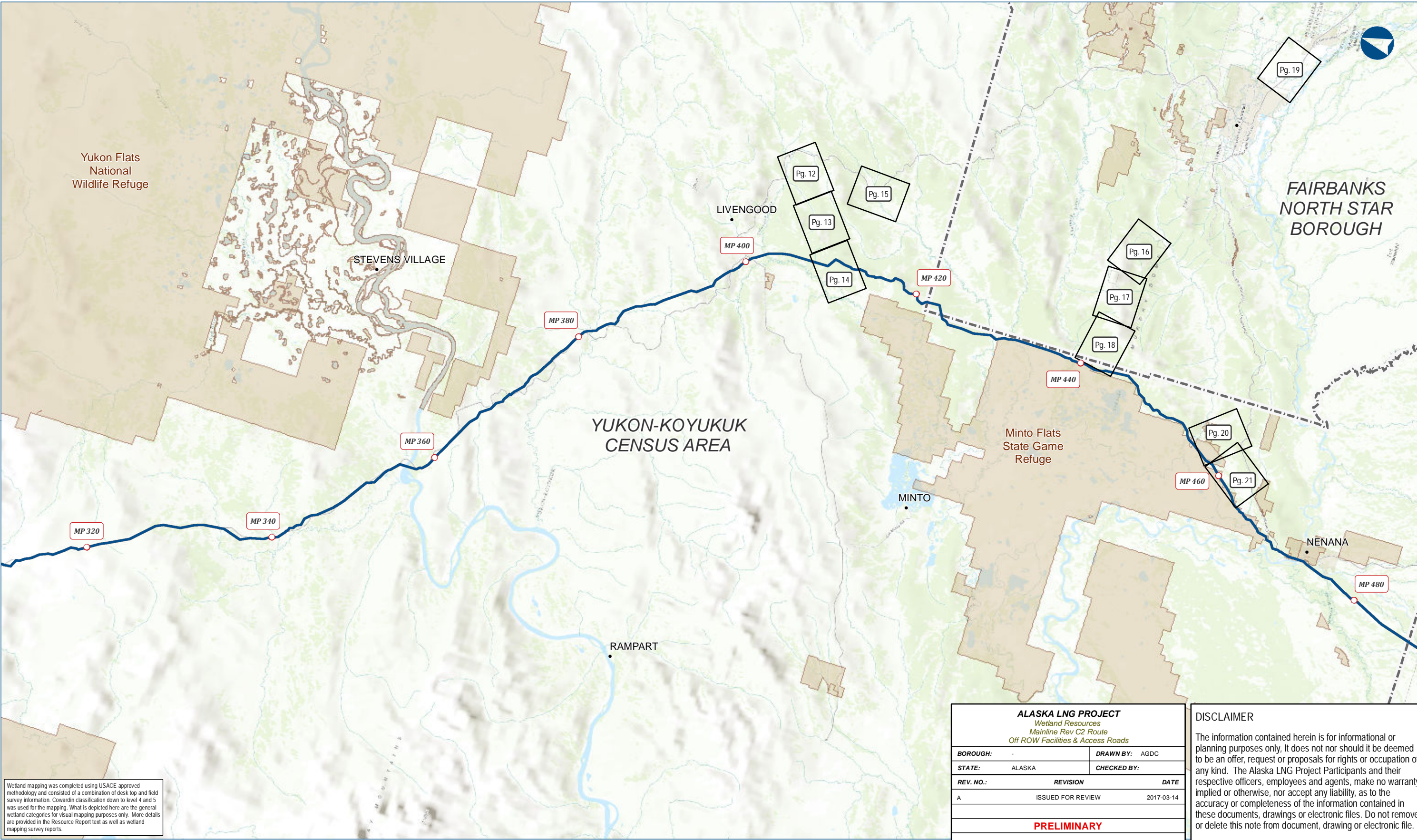


ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_3_4_ML_OFF_ROW_INDEX_REV_C2_CL SHEET: ML-OFF-INDEX

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_3_4_ML_OFF_ROW_INDEX_REV_C2_CL SHEET: ML-OFF-INDEX

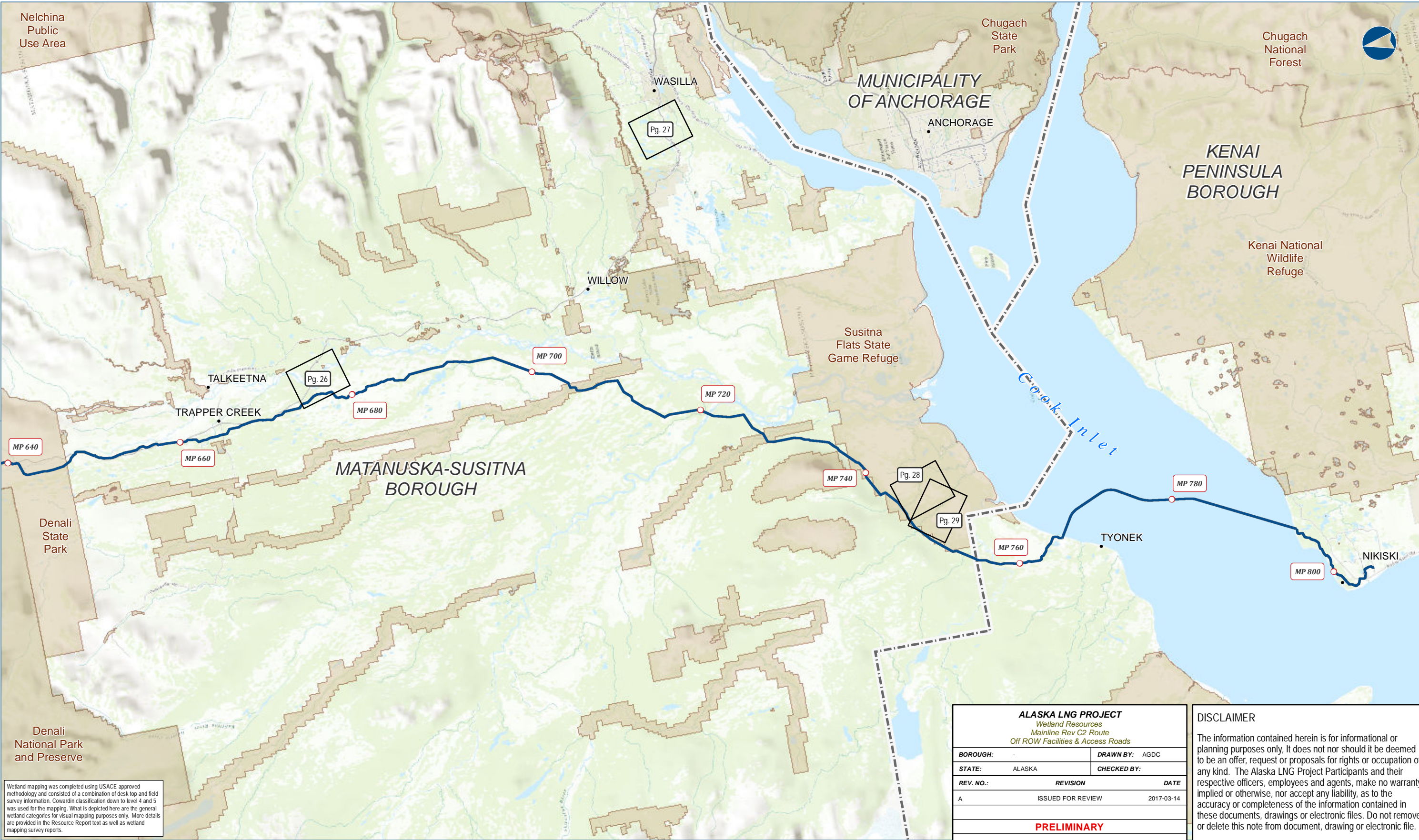
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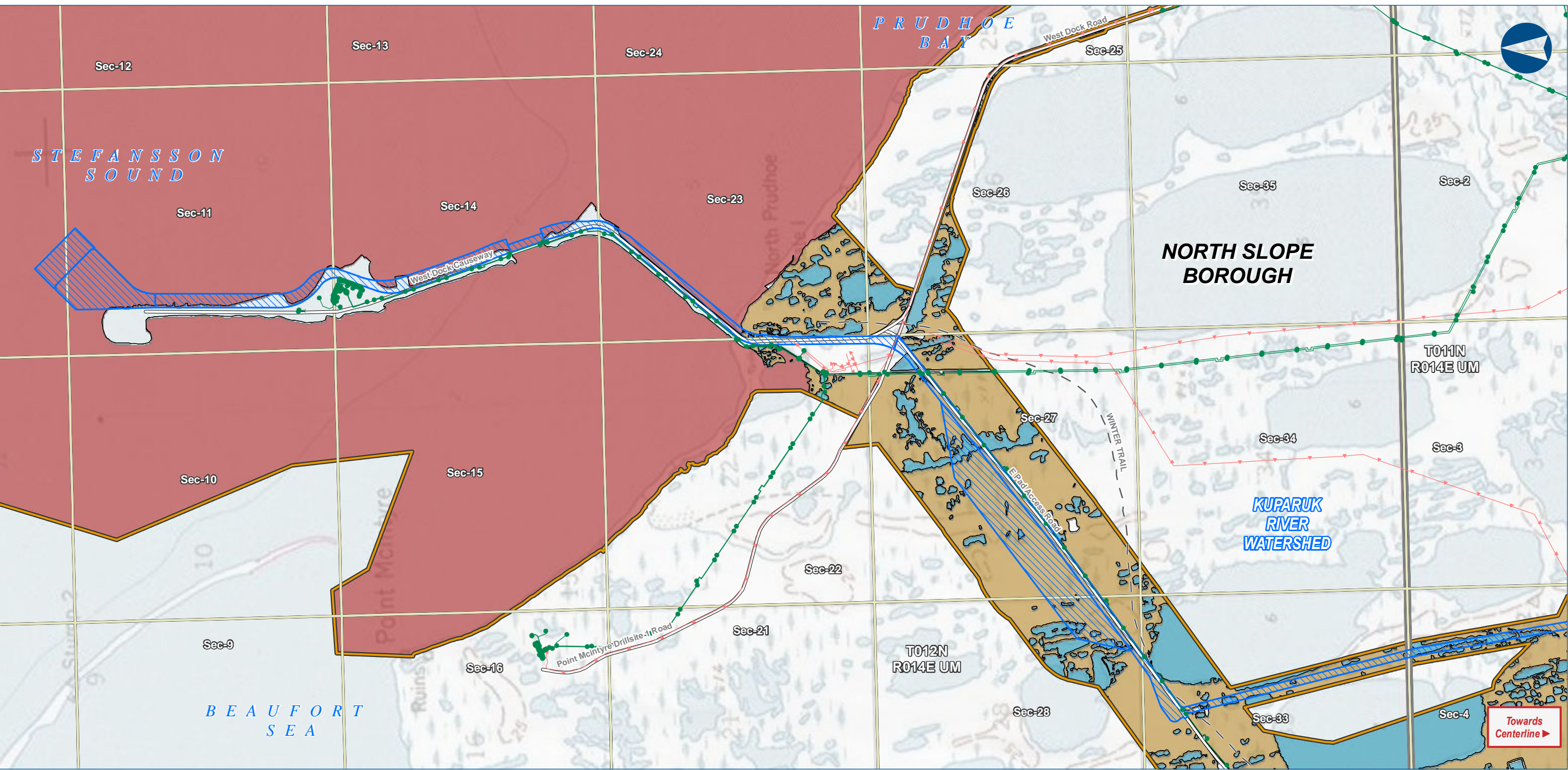


ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_3_4_ML_OFF_ROW_INDEX_REV_C2_CL SHEET: ML-OFF-INDEX

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Alaska LNG Project

**Legend**

**GTP**  
GTP Footprint - Construction  
**PIPELINE**  
Alaska LNG Rev C2 Route

**EXISTING FEATURES**  
Existing Roads  
Off Road Trails  
Existing Pipeline  
Overhead Powerline  
Section  
Township

**Wetland Mapping Extent**  
Wetland Area (areas not colored are uplands)  
Marine  
Open Water  
PEM

**Other Features**  
Permanent ROW  
Construction ROW  
ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

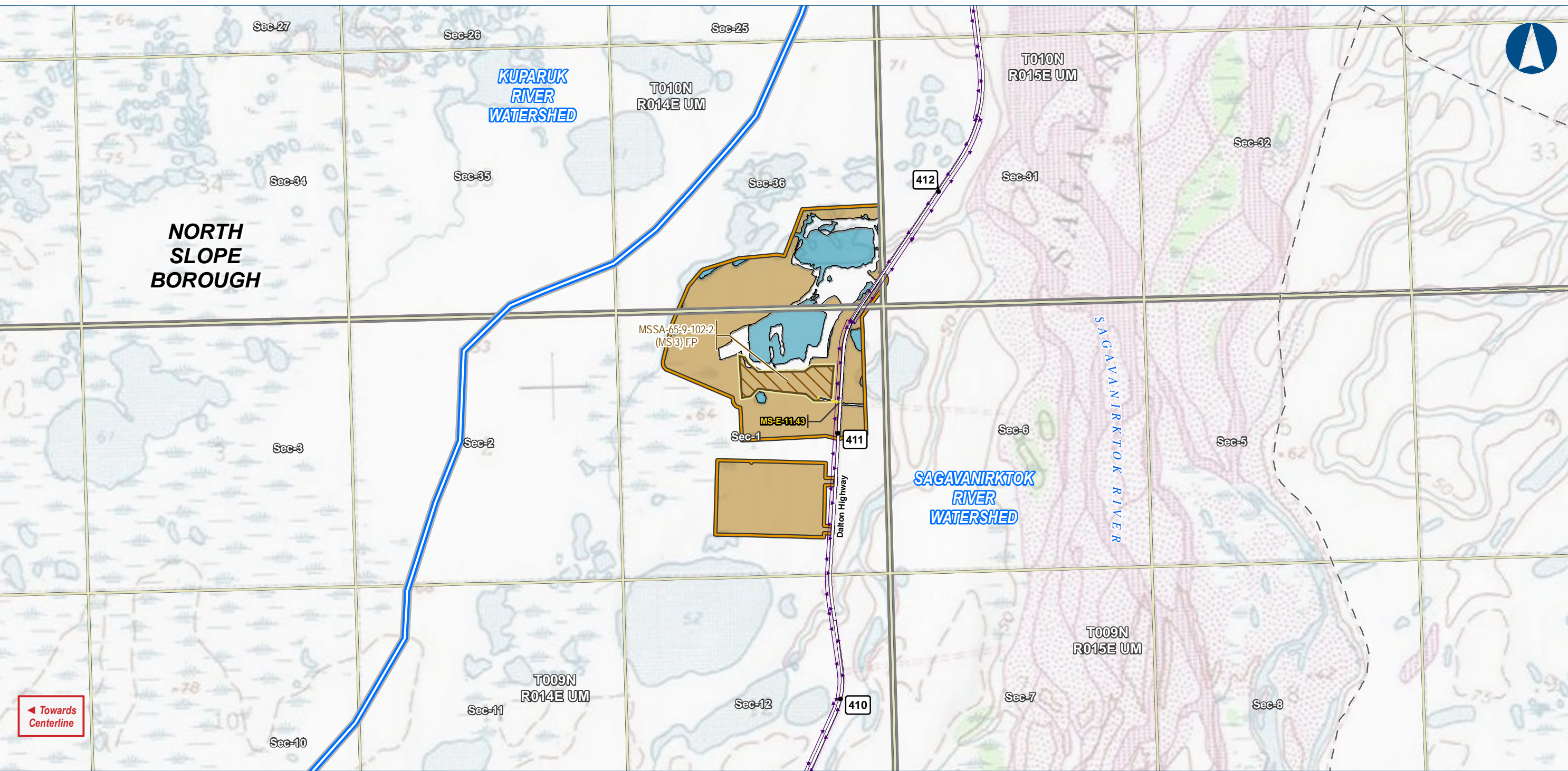
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 1





Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

Buried Cable

Section

Township

Wetland Mapping Extent

Watershed Boundary

Wetland Area (areas not colored are uplands)

Open Water

PEM

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

DISCLAIMER

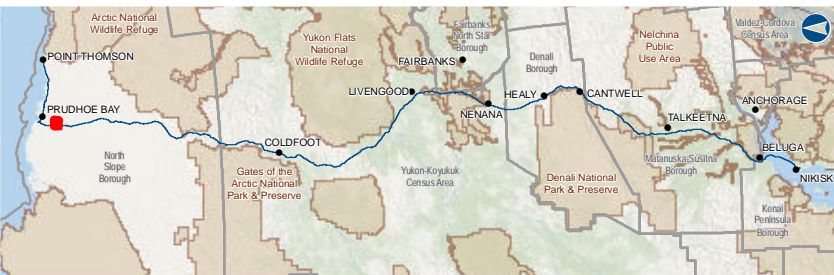
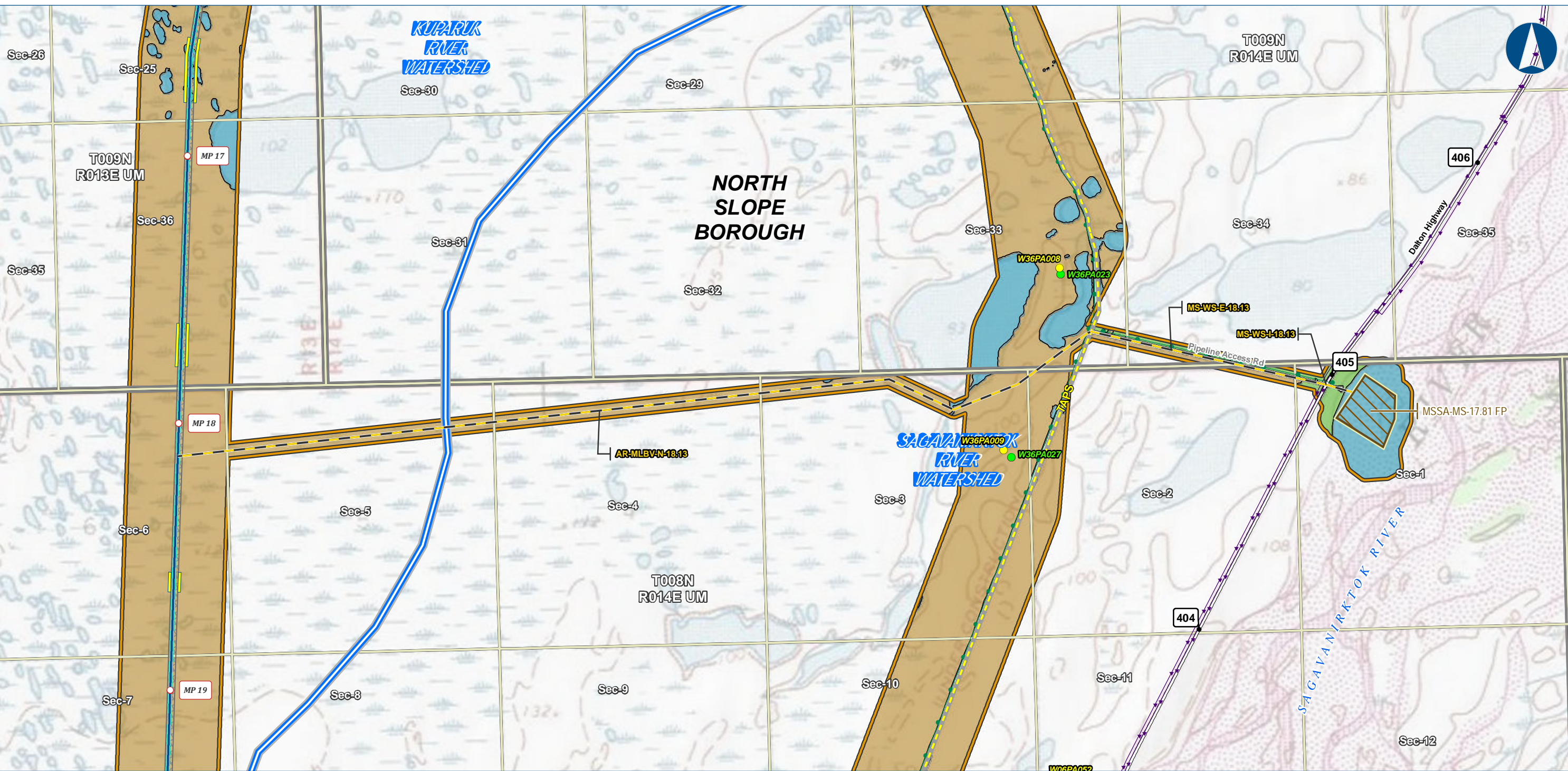
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 2

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**Legend**

**PIPELINE**

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

**EXISTING FEATURES**

Existing Roads

TAPS

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Wetland Area (areas not colored are uplands)

Open Water

PEM

PSS

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

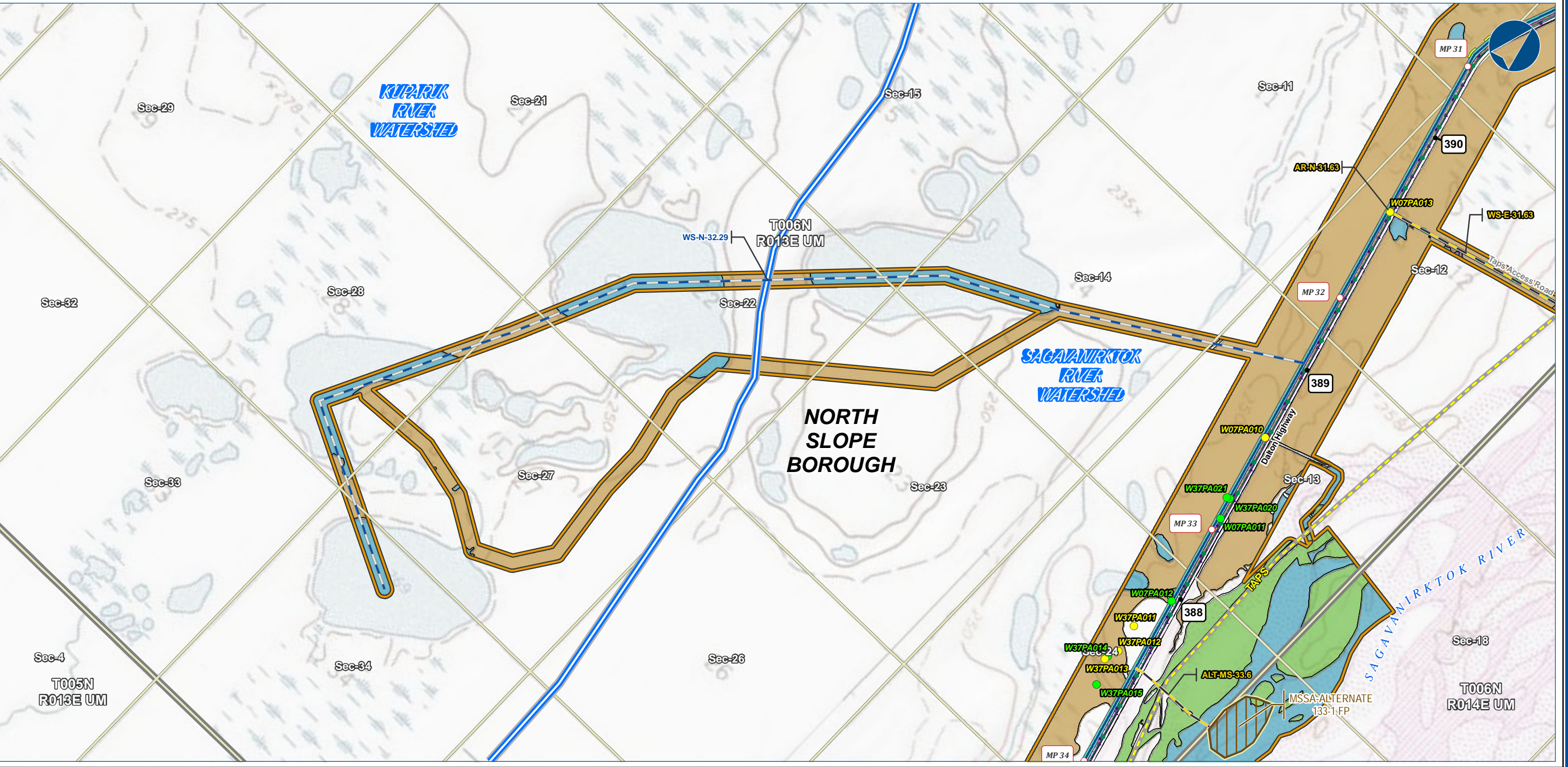
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 3





Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Access Road - Ice

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

TAPS

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Wetland Area (areas not colored are uplands)

Marine

Open Water

PEM

PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

DISCLAIMER

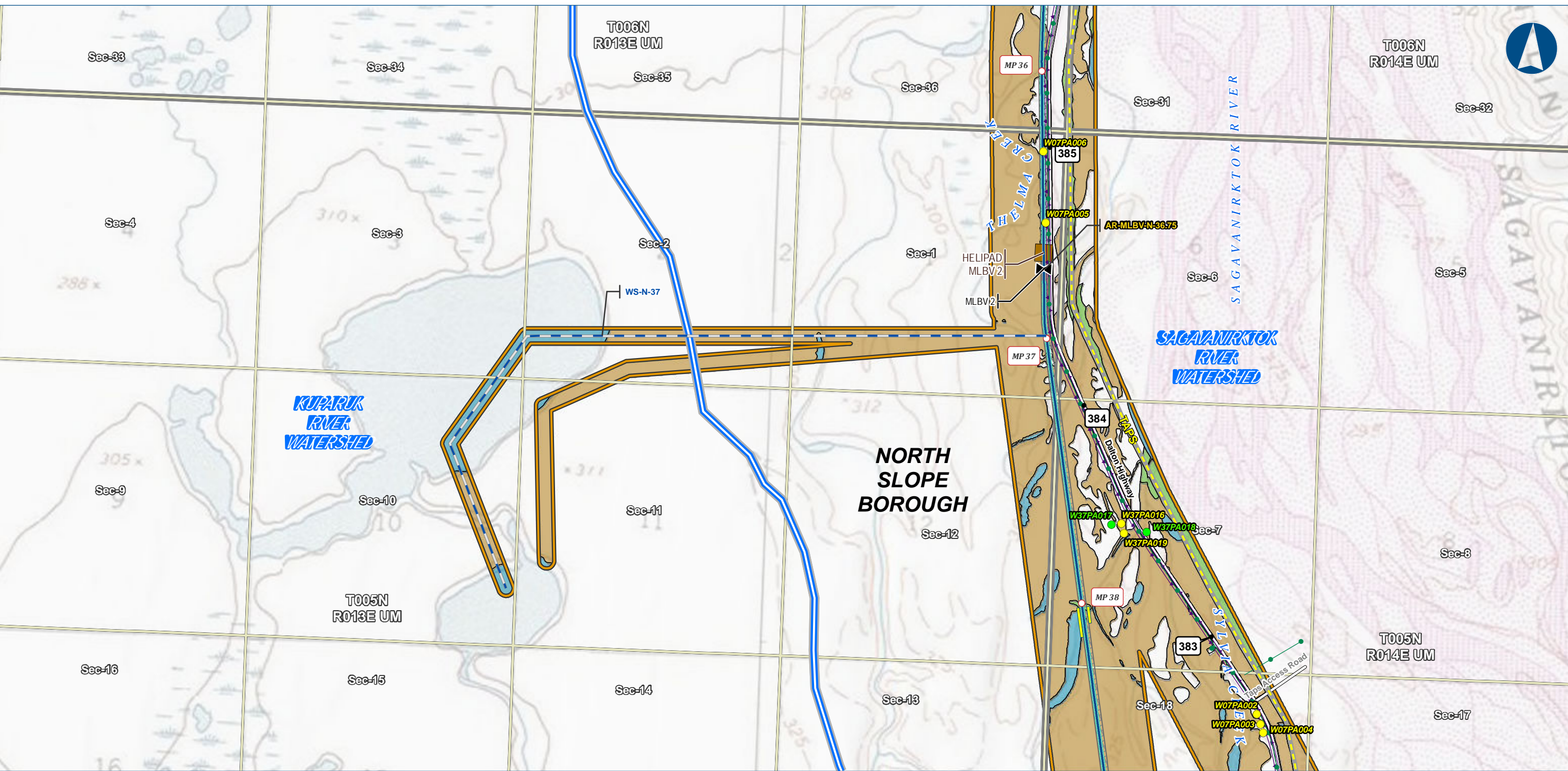
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 4

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Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Access Road - Ice

Mainline Blockvalve

Helipad

Permanent ROW

Construction ROW

ATWS

EXISTING FEATURES

Existing Roads

TAPS

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Wetland Area (areas not colored are uplands)

Open Water

PEM

PSS

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

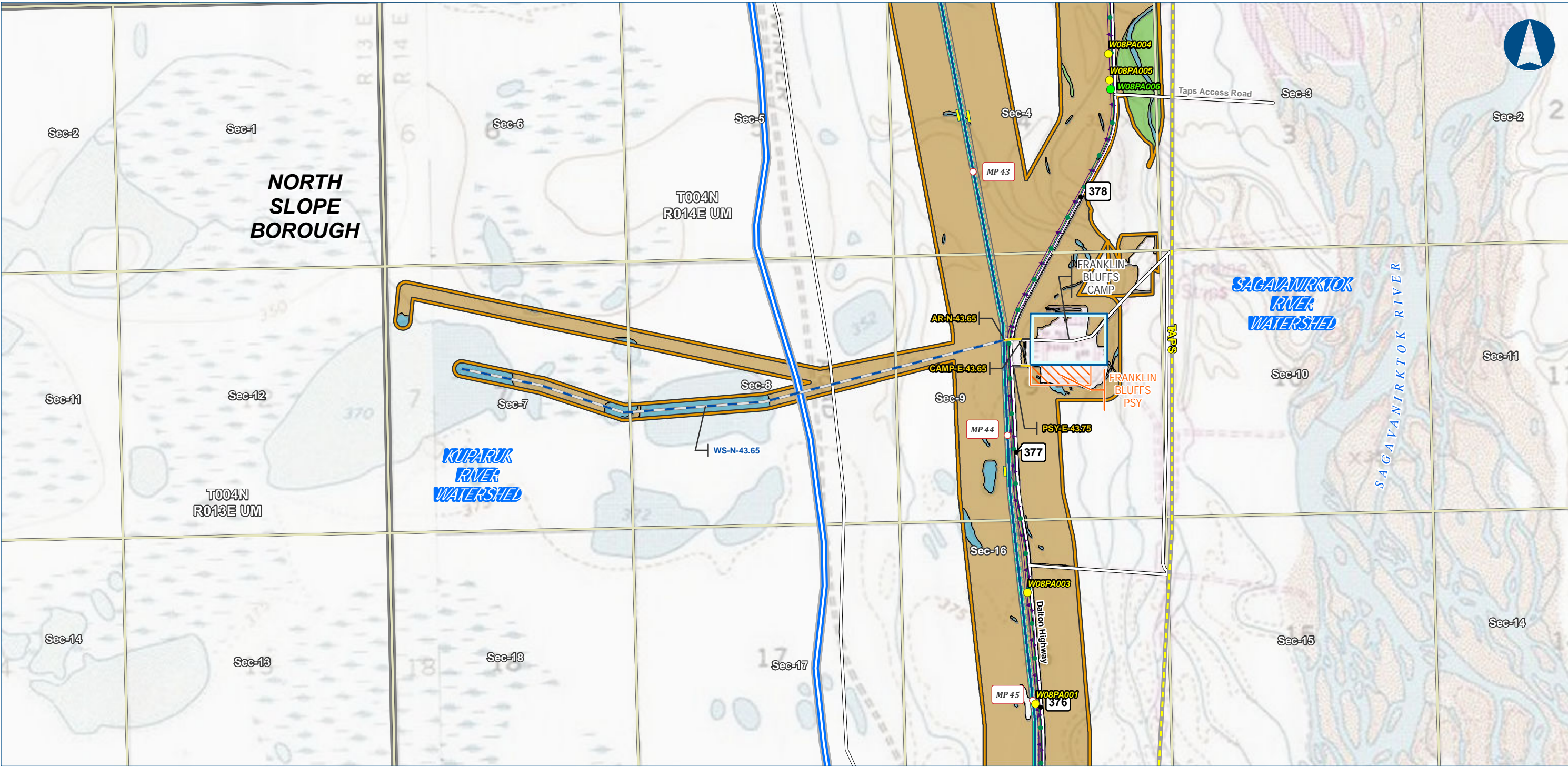
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 5

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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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

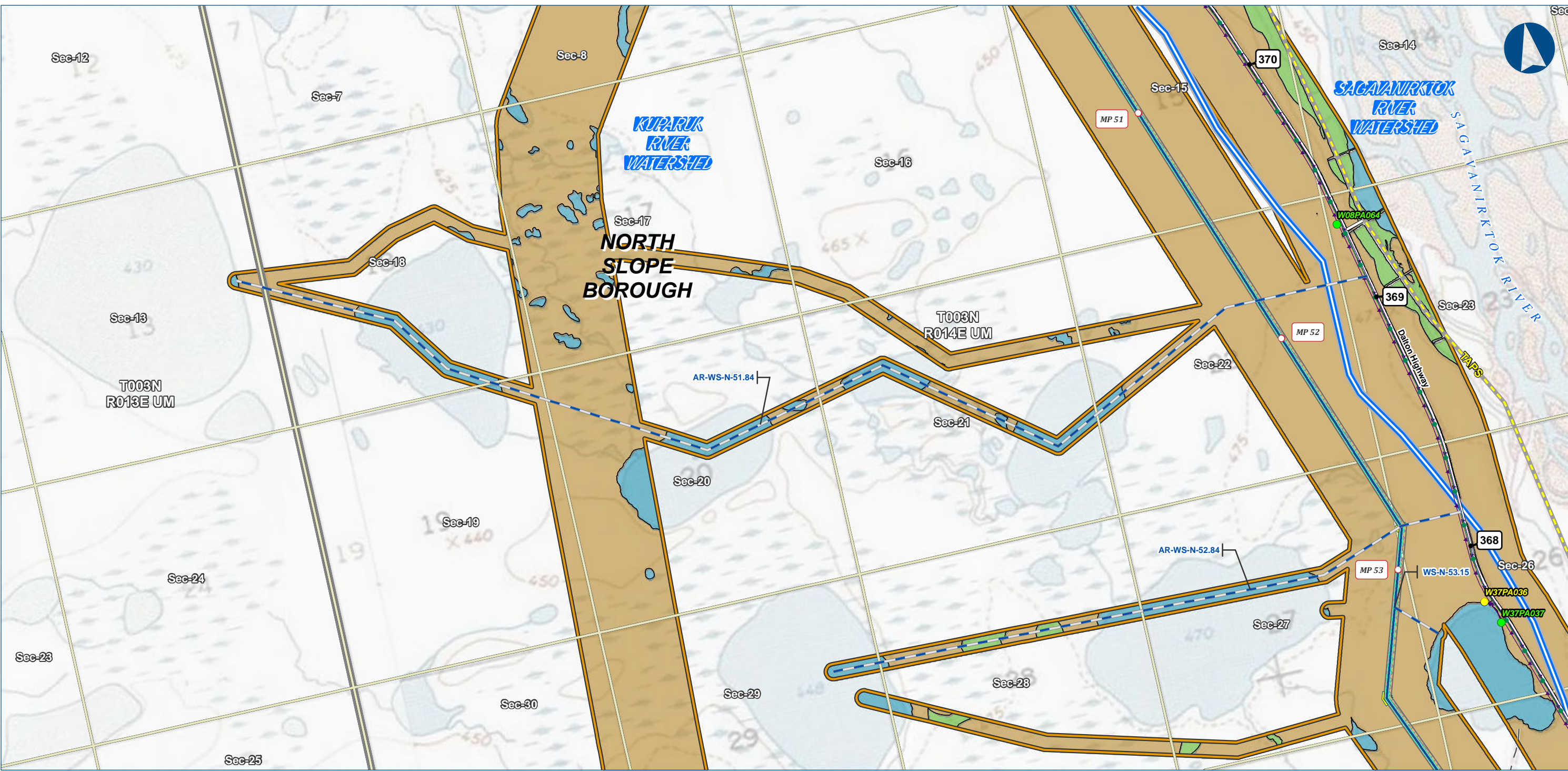
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 6





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Ice

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

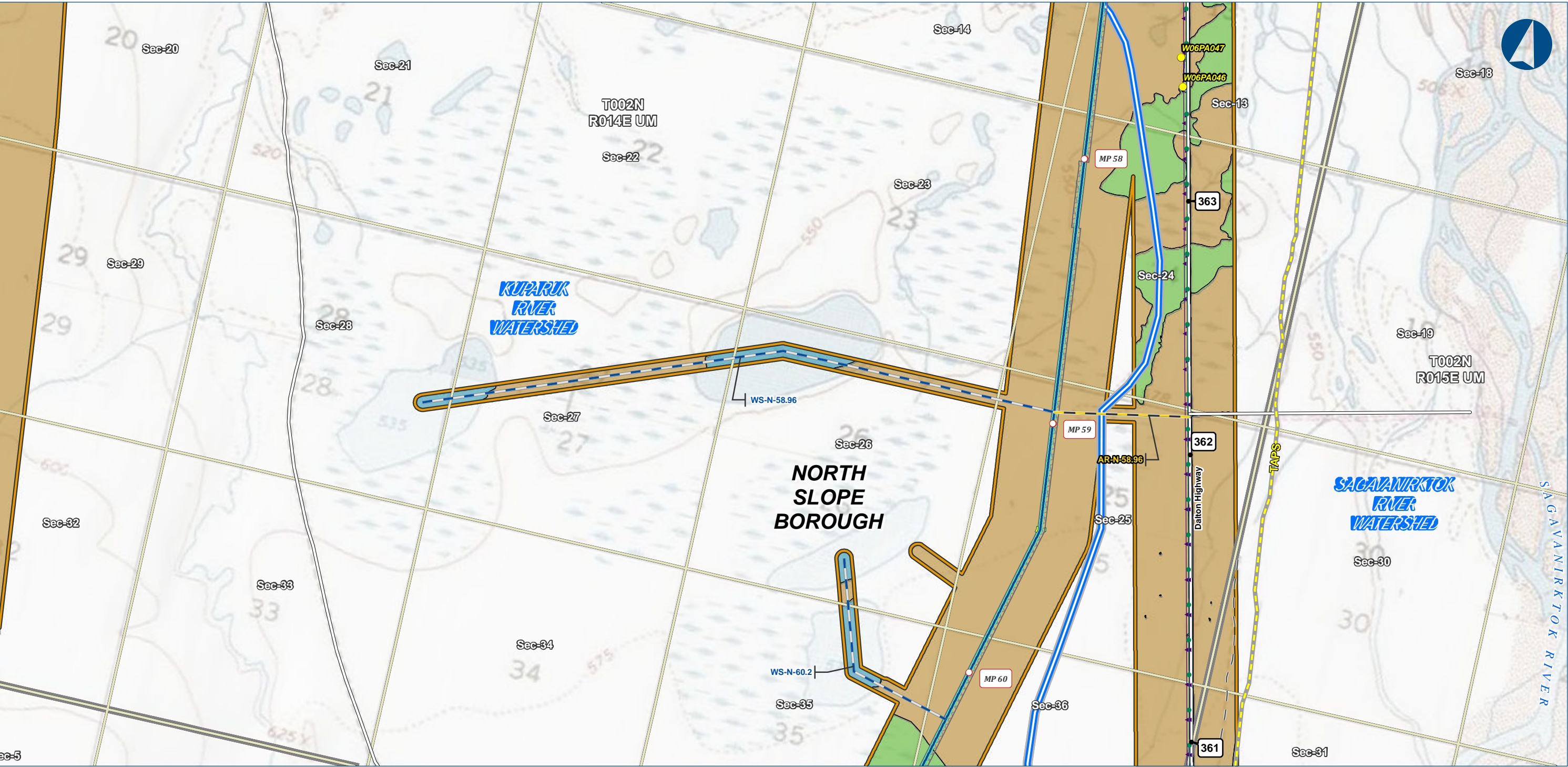
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 7





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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Watershed Boundary
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Symbols**

- Permanent ROW
- Construction ROW
- ATWS

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

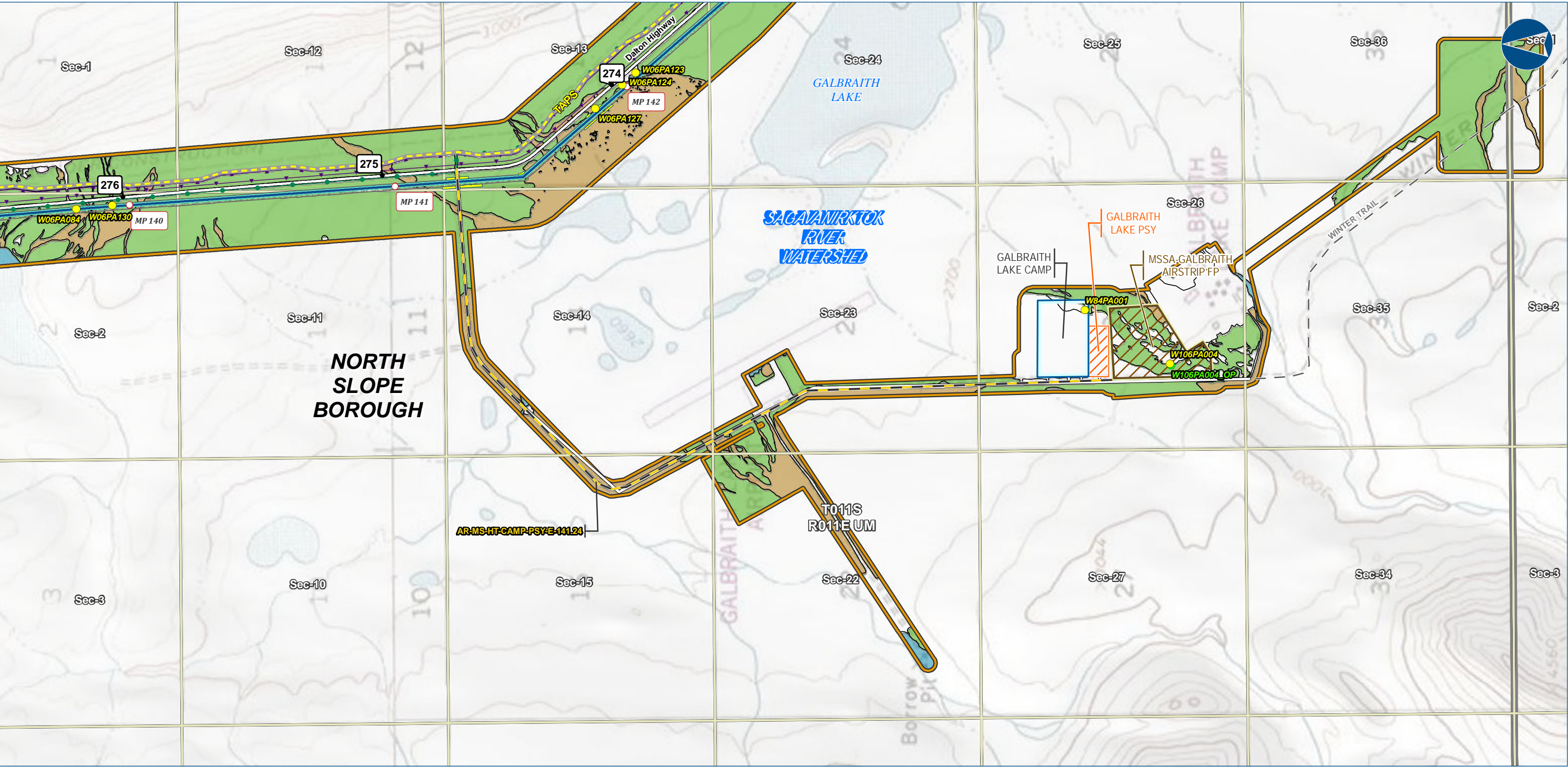
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 8





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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

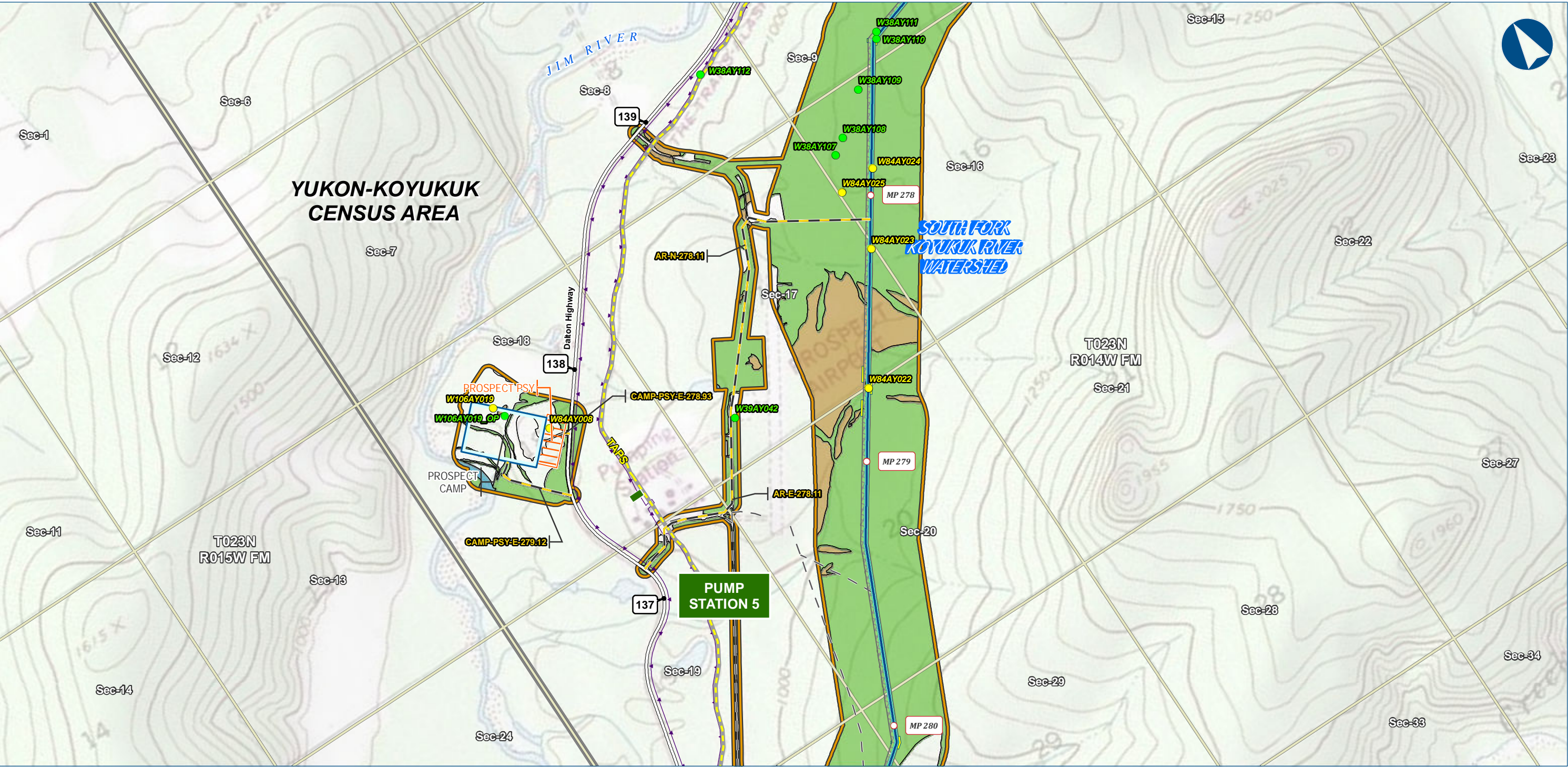
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 9





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

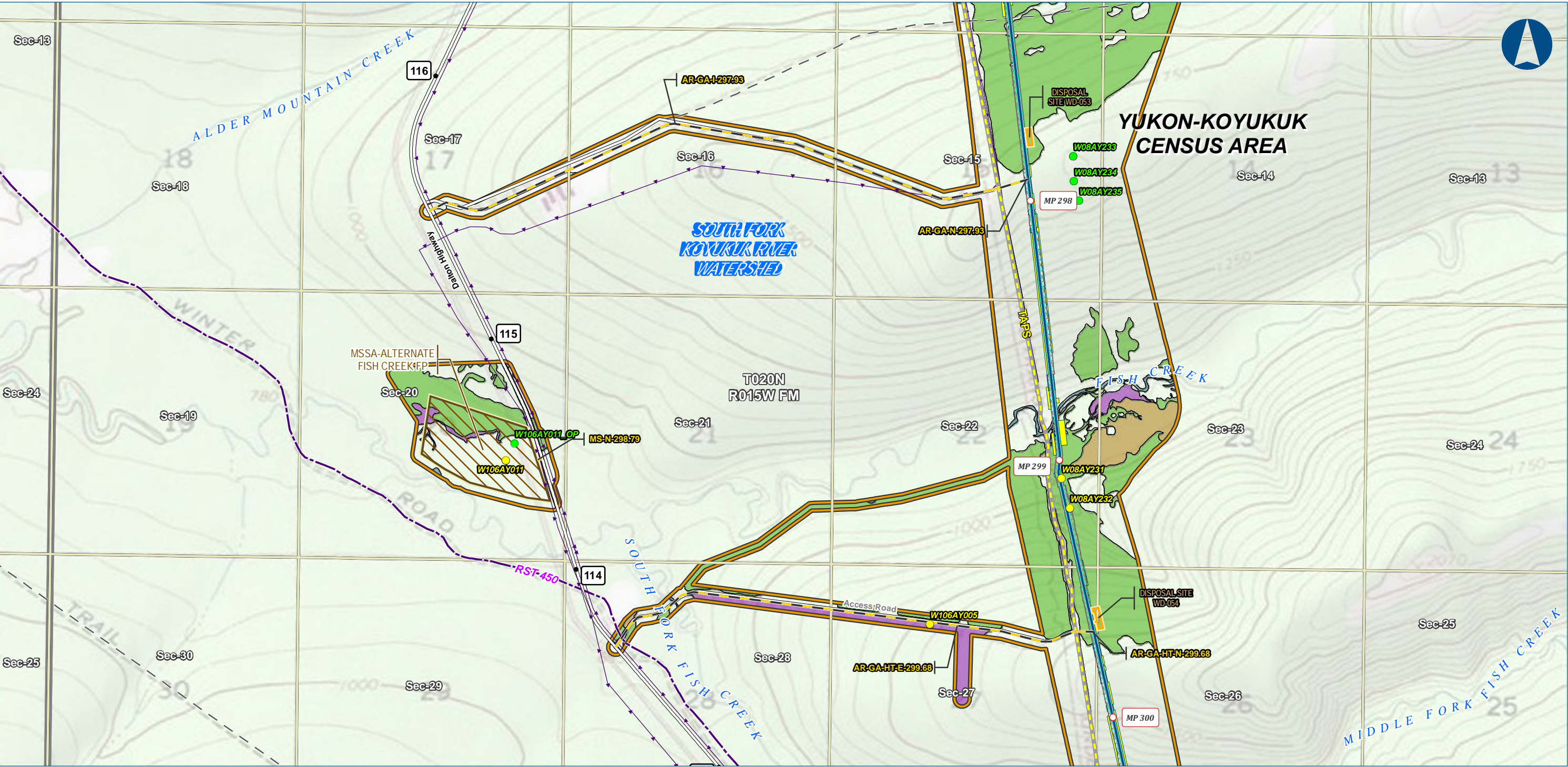
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 10





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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

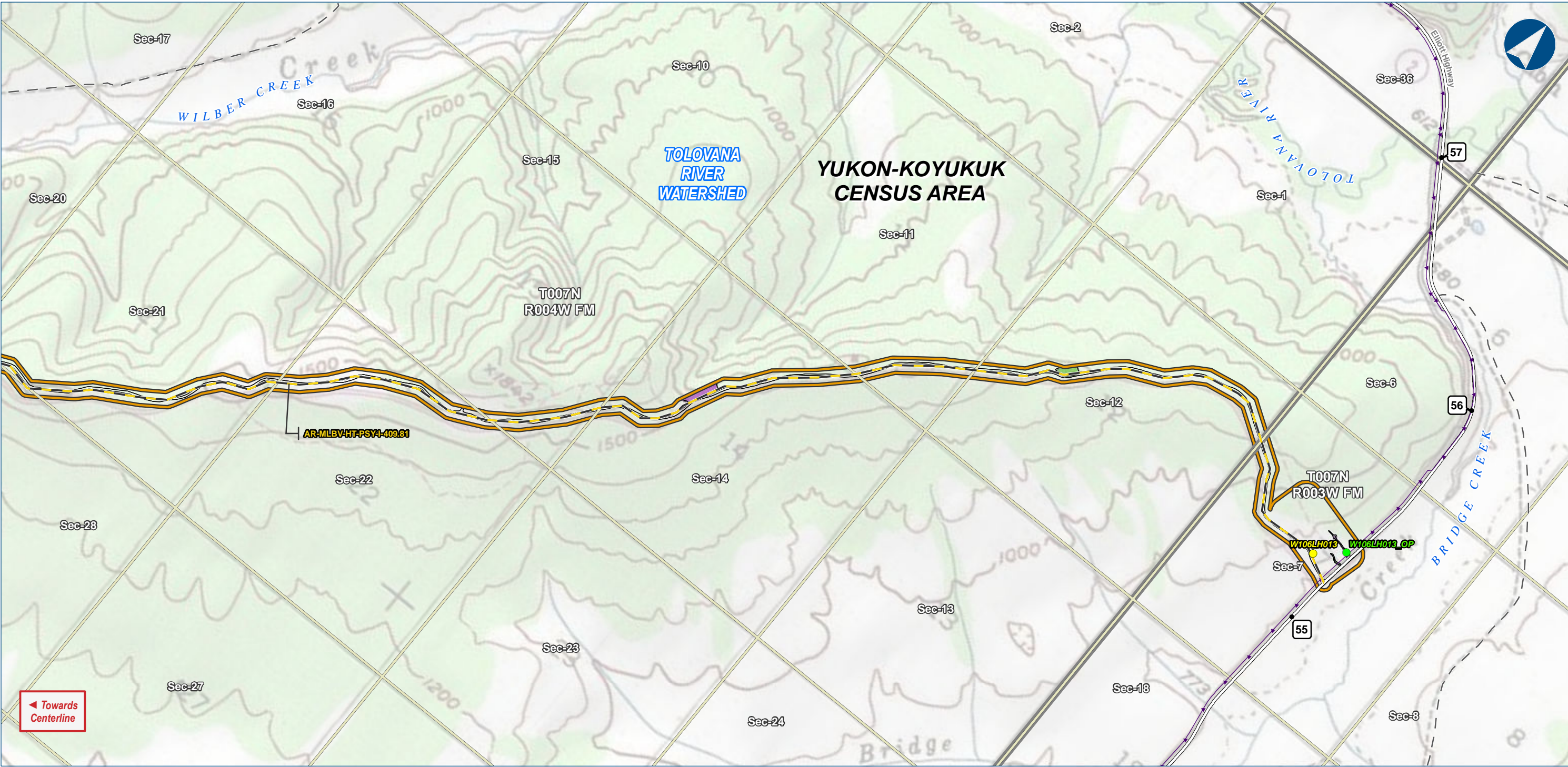
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 11





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Permanent ROW
- Construction ROW
- ATWS
- Existing Roads
- Off Road Trails
- Buried Cable
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- PFO
- PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

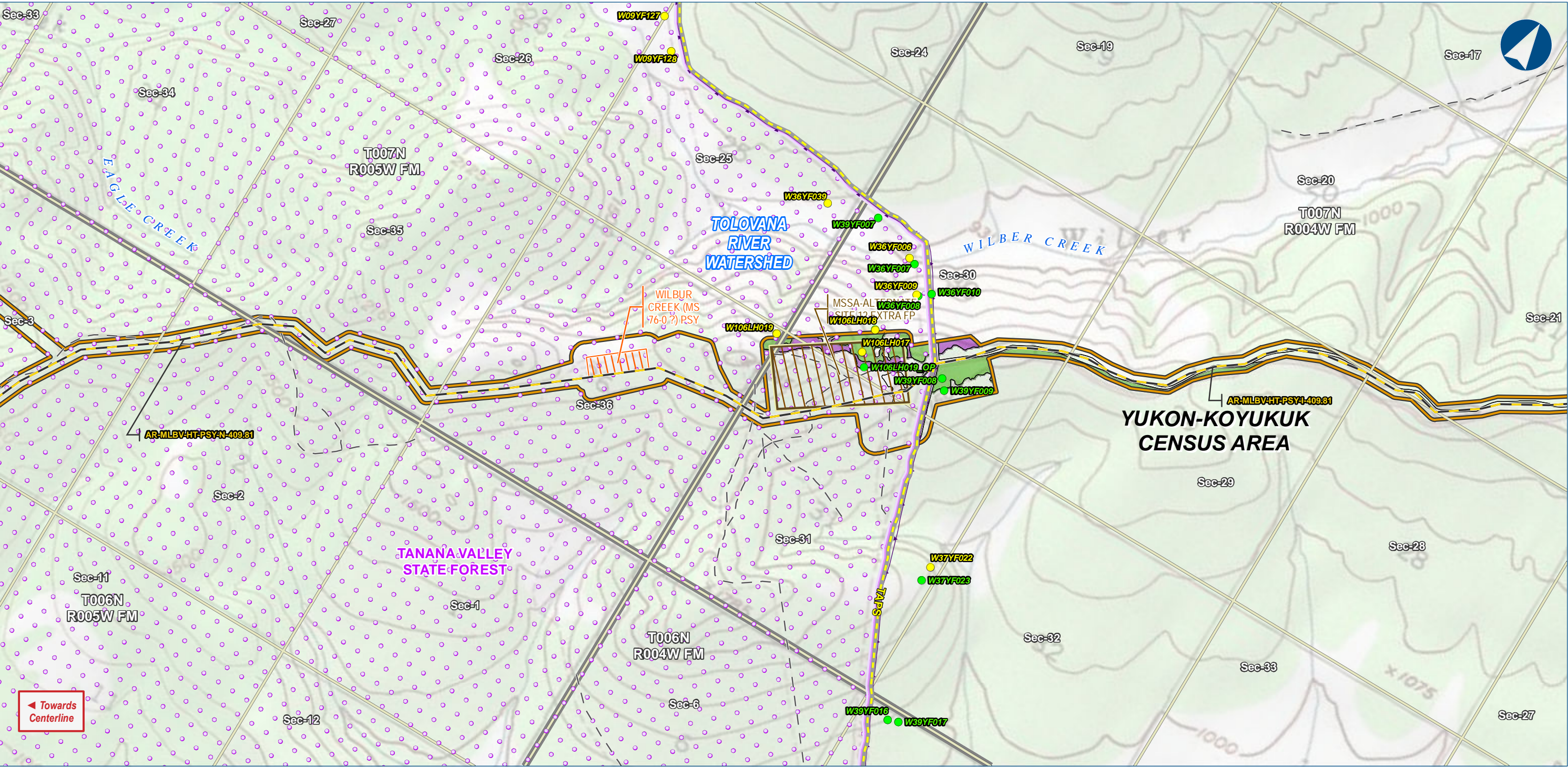
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 12





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

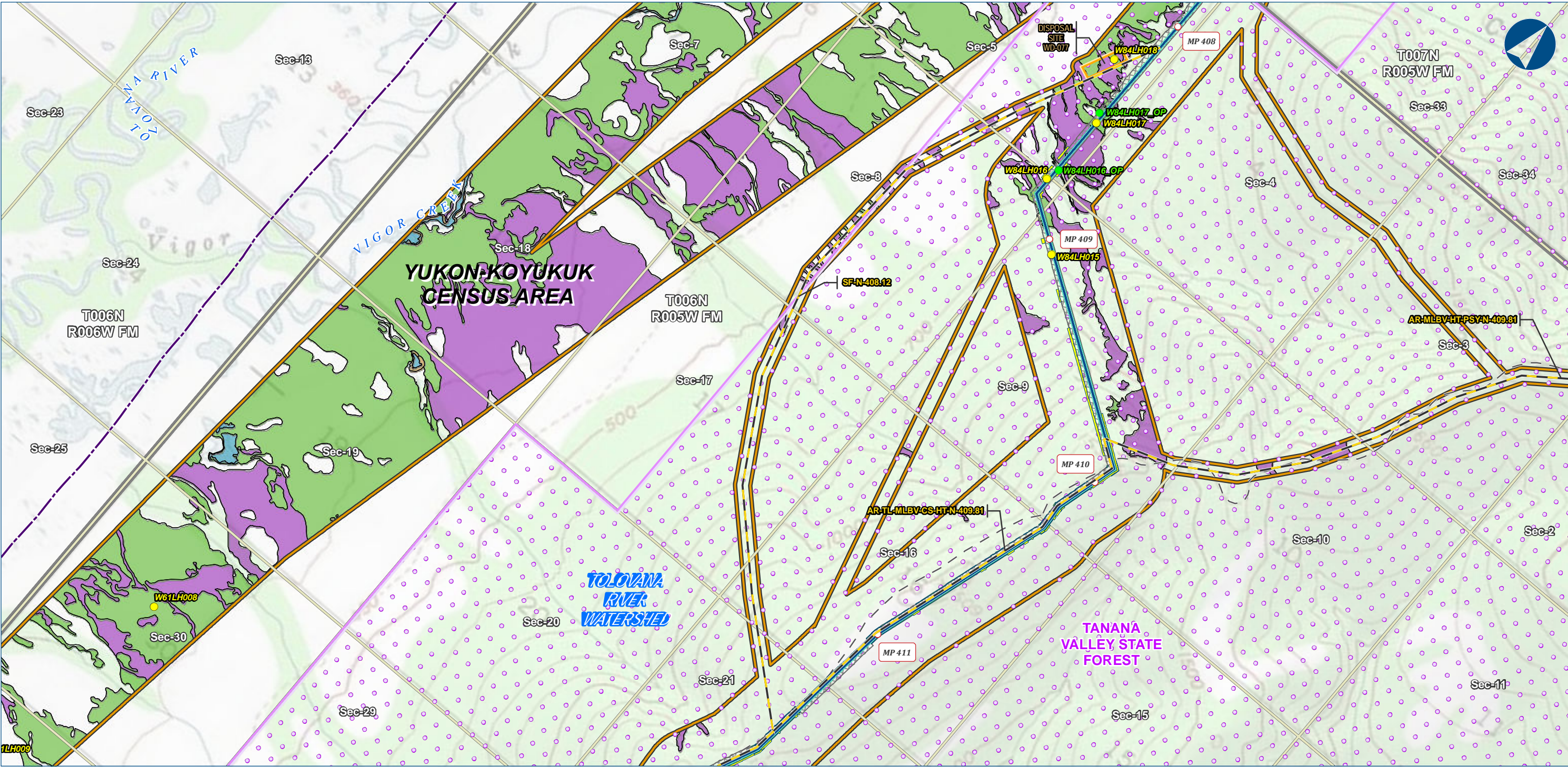
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 13





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site
- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Conservation Lands
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PFO
- PSS

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
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DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 14





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

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

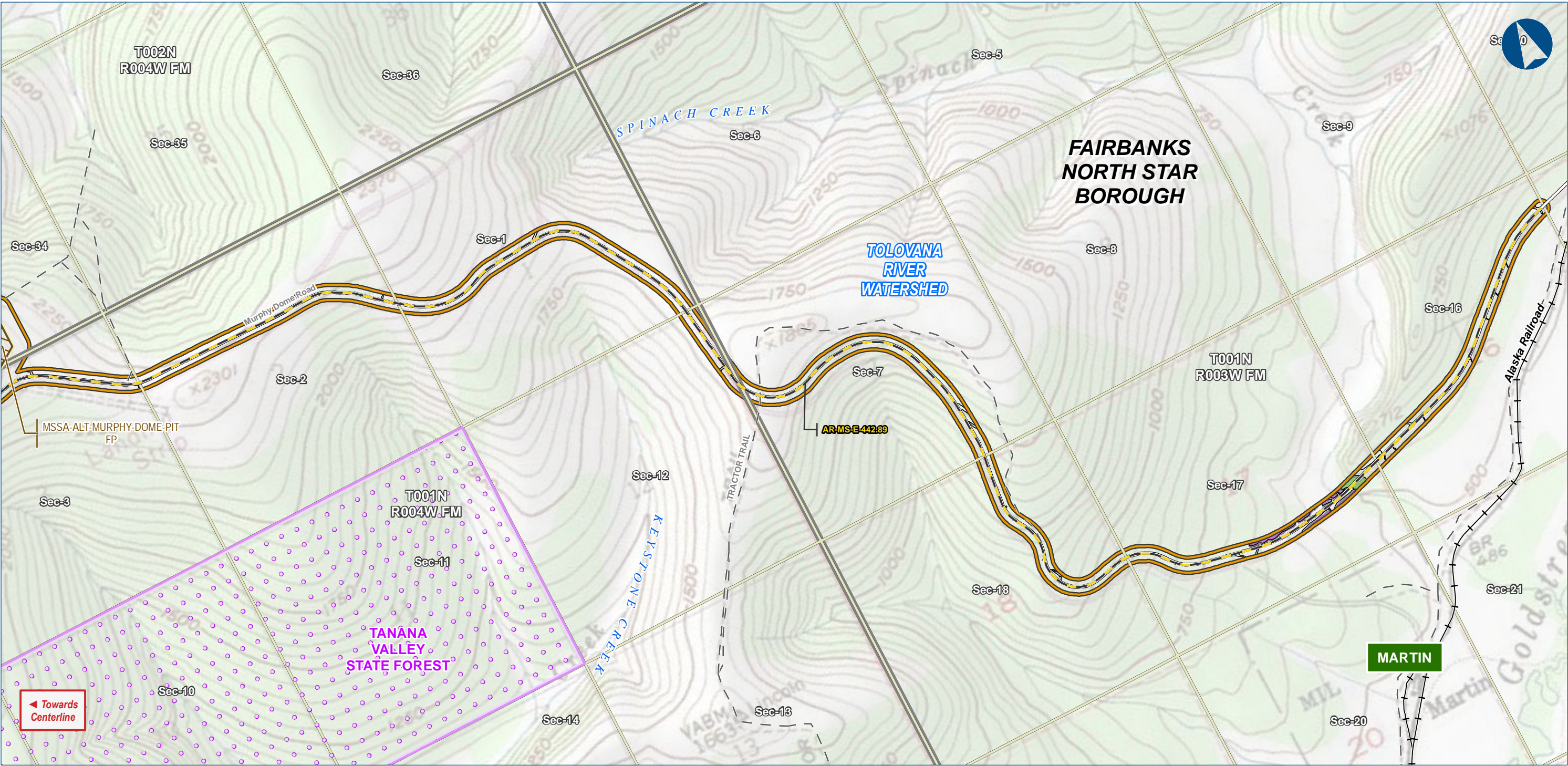
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA: YUKON-KOYUKUK	DRAWN BY: AGDC	
STATE: ALASKA	CHECKED BY:	
REV. NO.	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL SHEET: 15





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

**Wetland Mapping Extent**

- Wetland Area (areas not colored are uplands)
- PFO
- PSS

**Other Features**

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

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 16





Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

Conservation Lands

Section

Township

Wetland Mapping Extent

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

DISCLAIMER

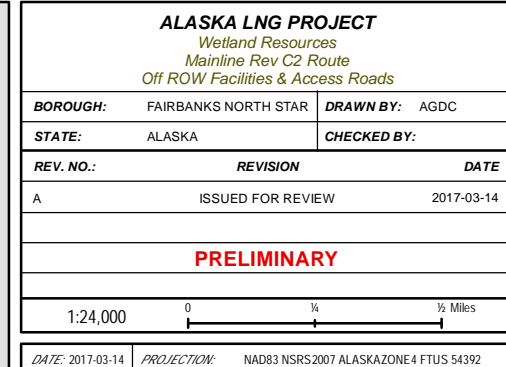
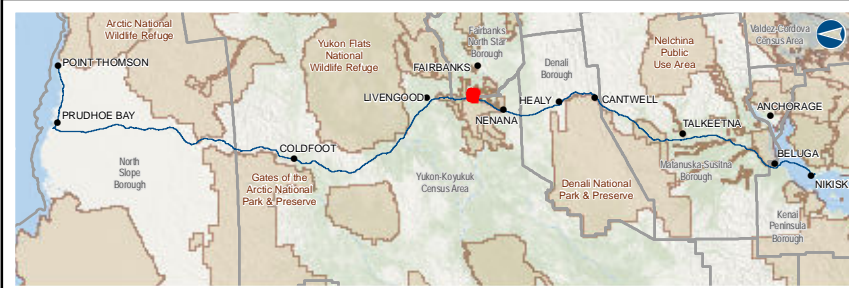
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

SHEET: 17

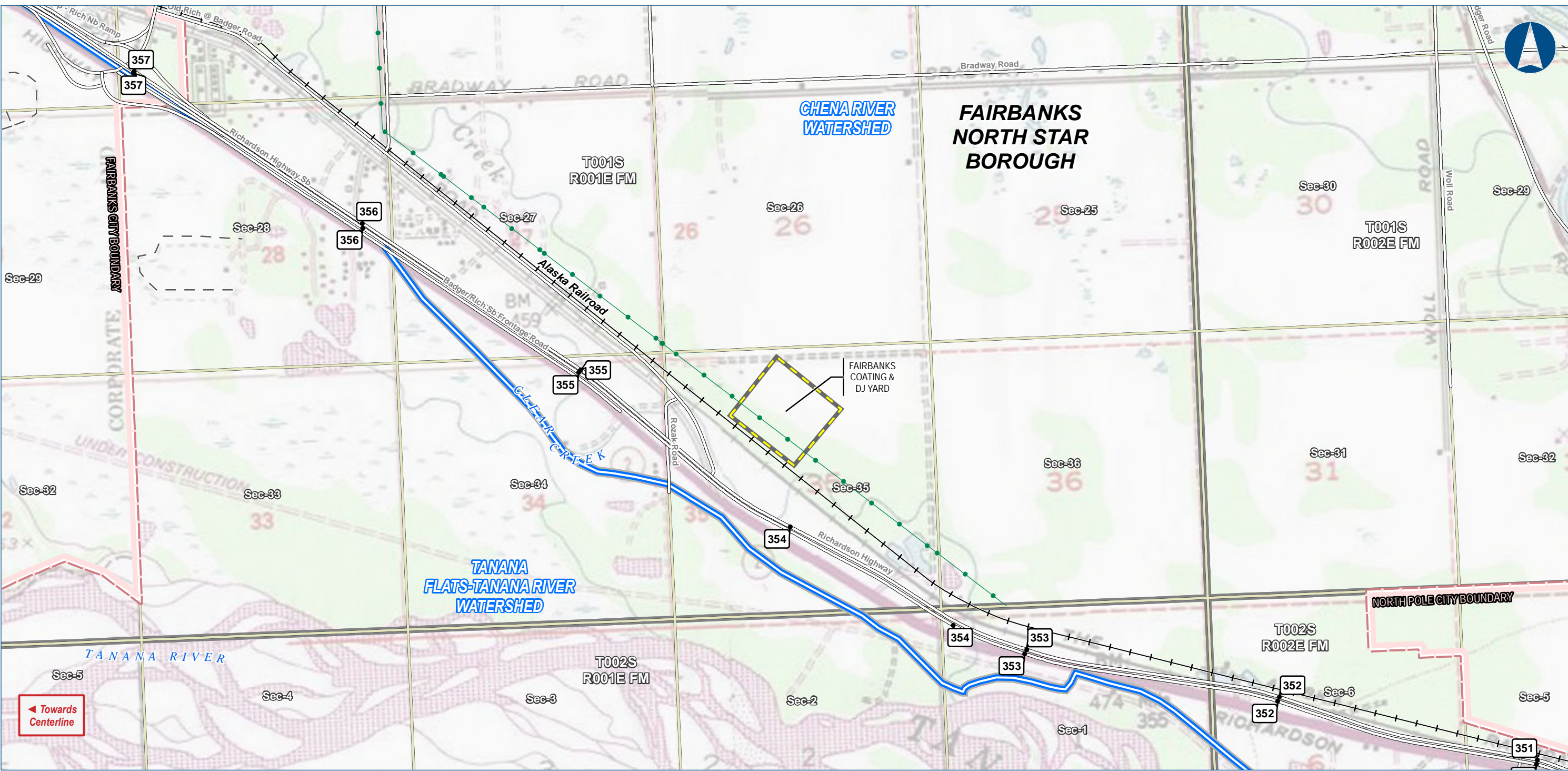
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<b>DWG:</b> RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL	<b>SHEET:</b> 18
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Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Incorporated City Boundary
- Section
- Township

**Wetland Mapping Extent**

- Watershed Boundary

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Double Joint Coating Yard

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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

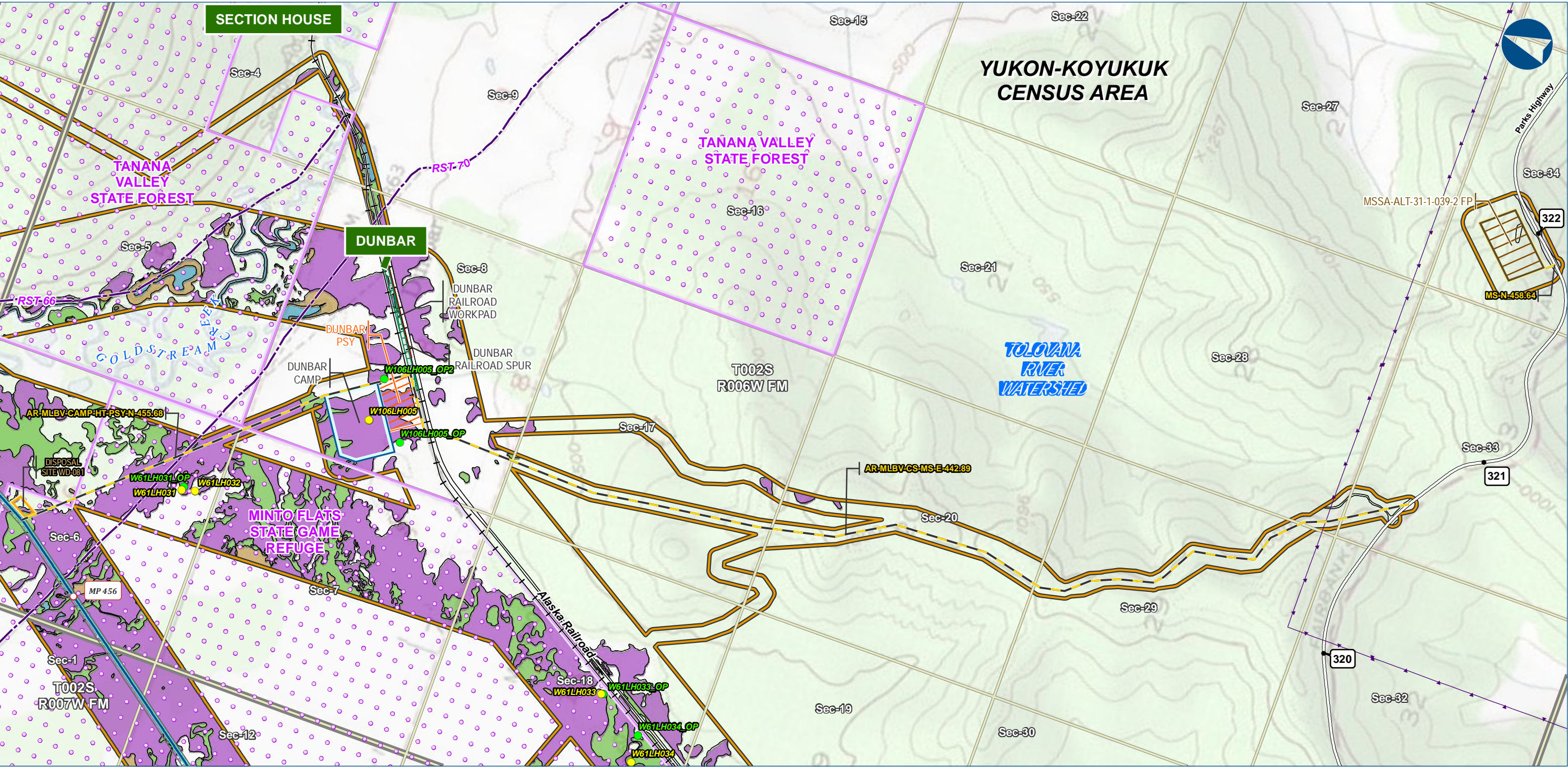
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DWG: RR2\_APPENDIX\_F3\_ML\_OFF\_ROW\_TOPO\_REV\_C2\_CL

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Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Buried Cable
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- PFO
- PSS

**Other Features**

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

Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports.

ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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