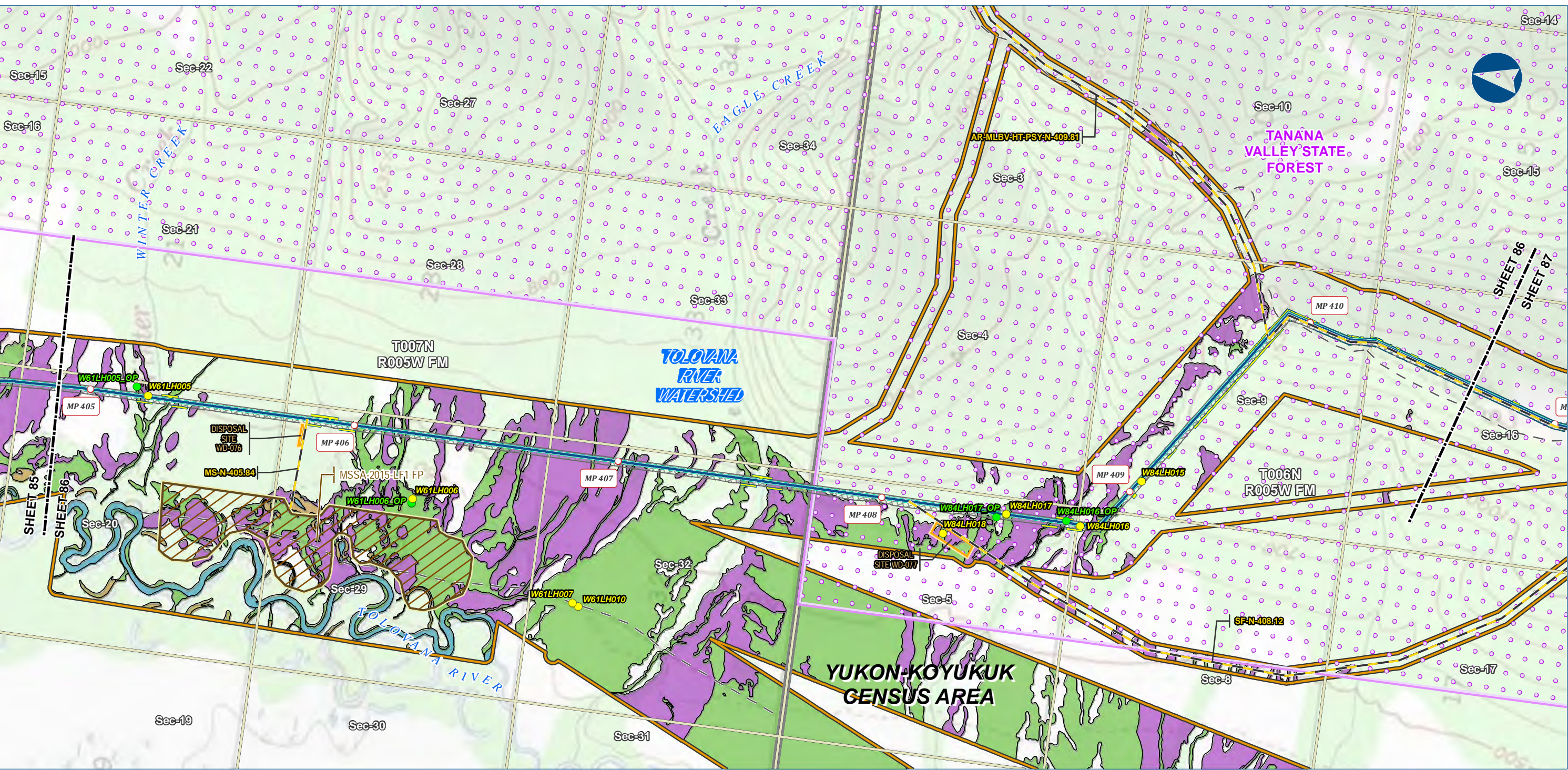


ALASKA LNG PROJECT	DOCKET NO. CP17-____-000 RESOURCE REPORT NO. 2 APPENDIX F PART 2 OF 6	Doc No: USAKE-PT-SRREG-00- 000006-000 APRIL 14, 2017 REVISION: 0
	PUBLIC	

**Part 2 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
- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

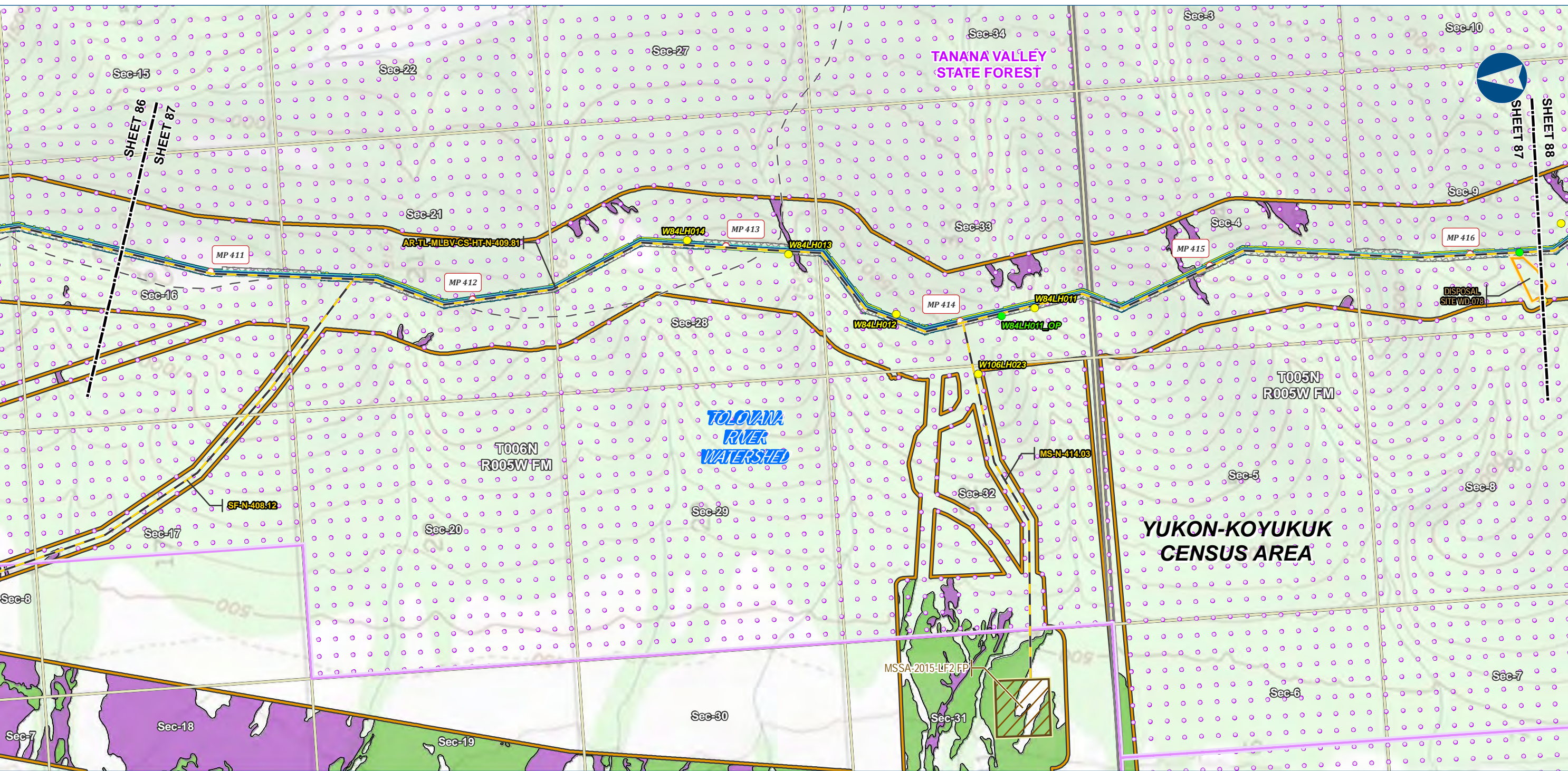
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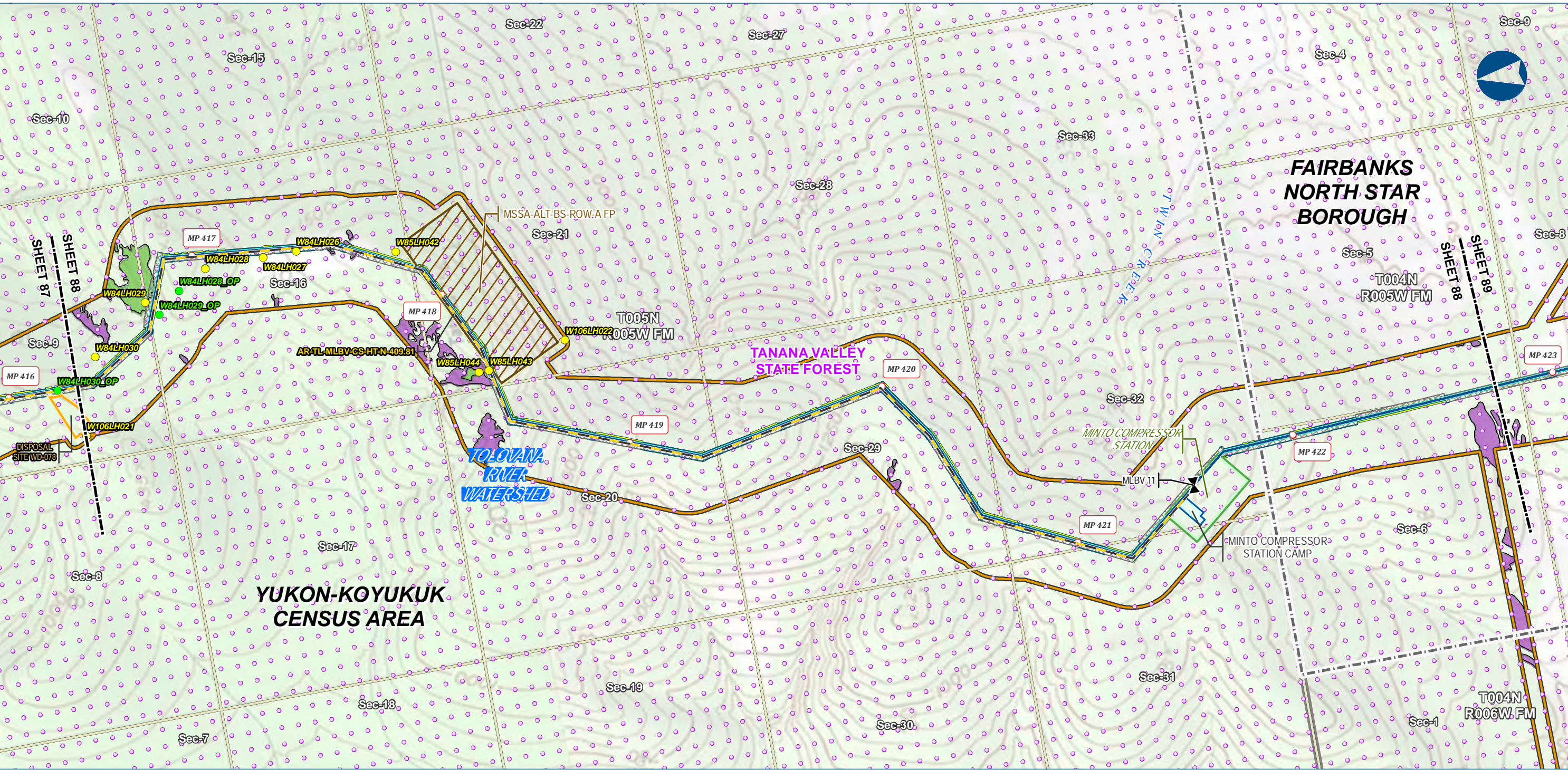
DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 86









**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- 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)
- PFO
- PSS

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

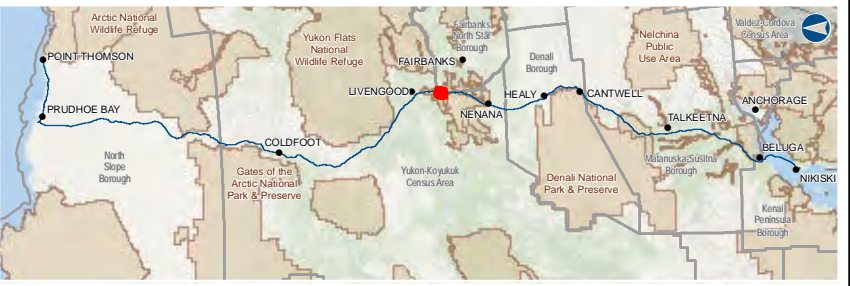
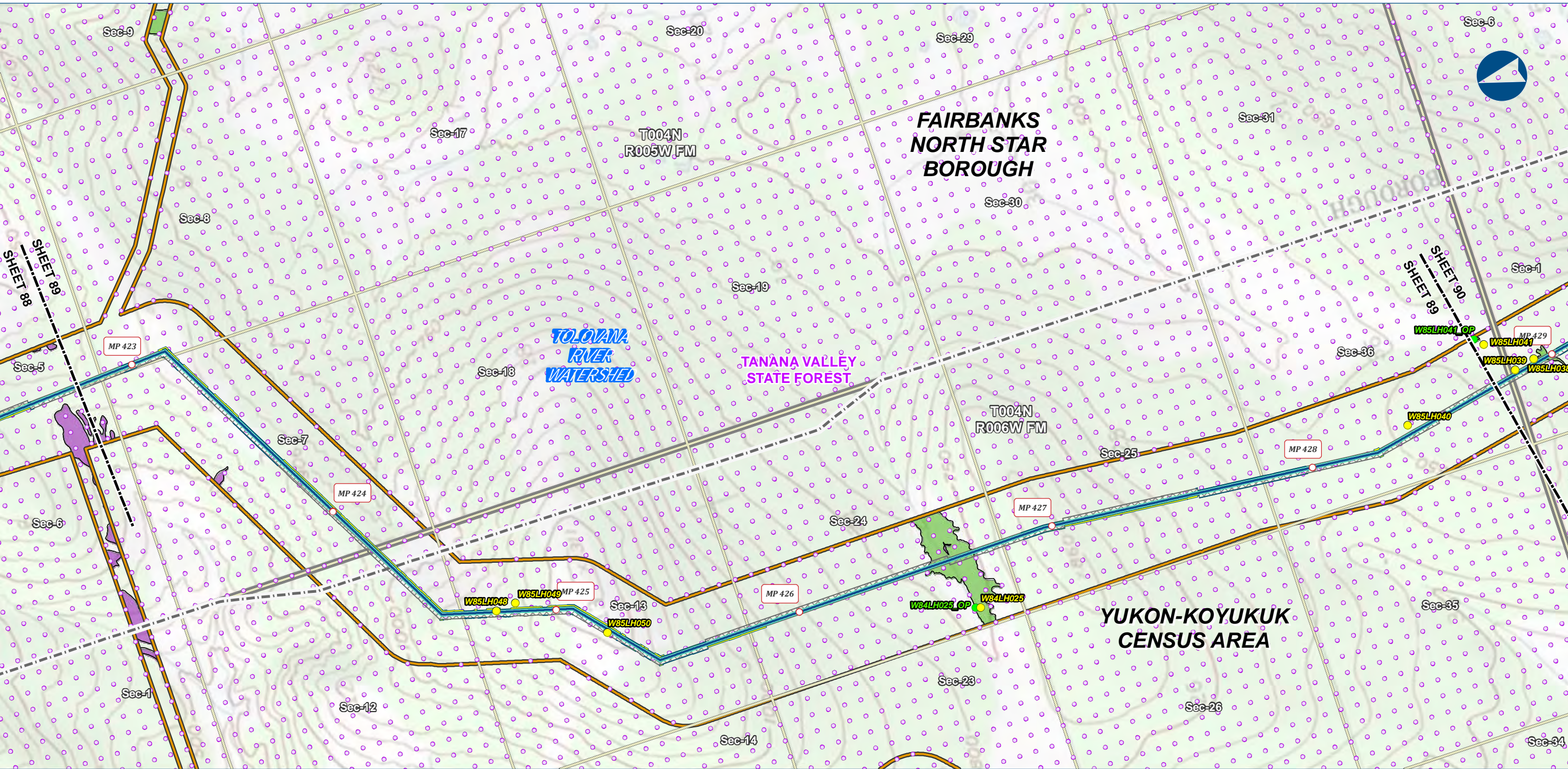
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 88





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- 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)
- PFO
- PSS

**Other Symbols**

- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 89





Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
- EXISTING FEATURES**
- Existing Roads
  - Revised Statute 2477 Trail
  - 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)
  - Open Water
  - PEM
  - PFO
  - 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.

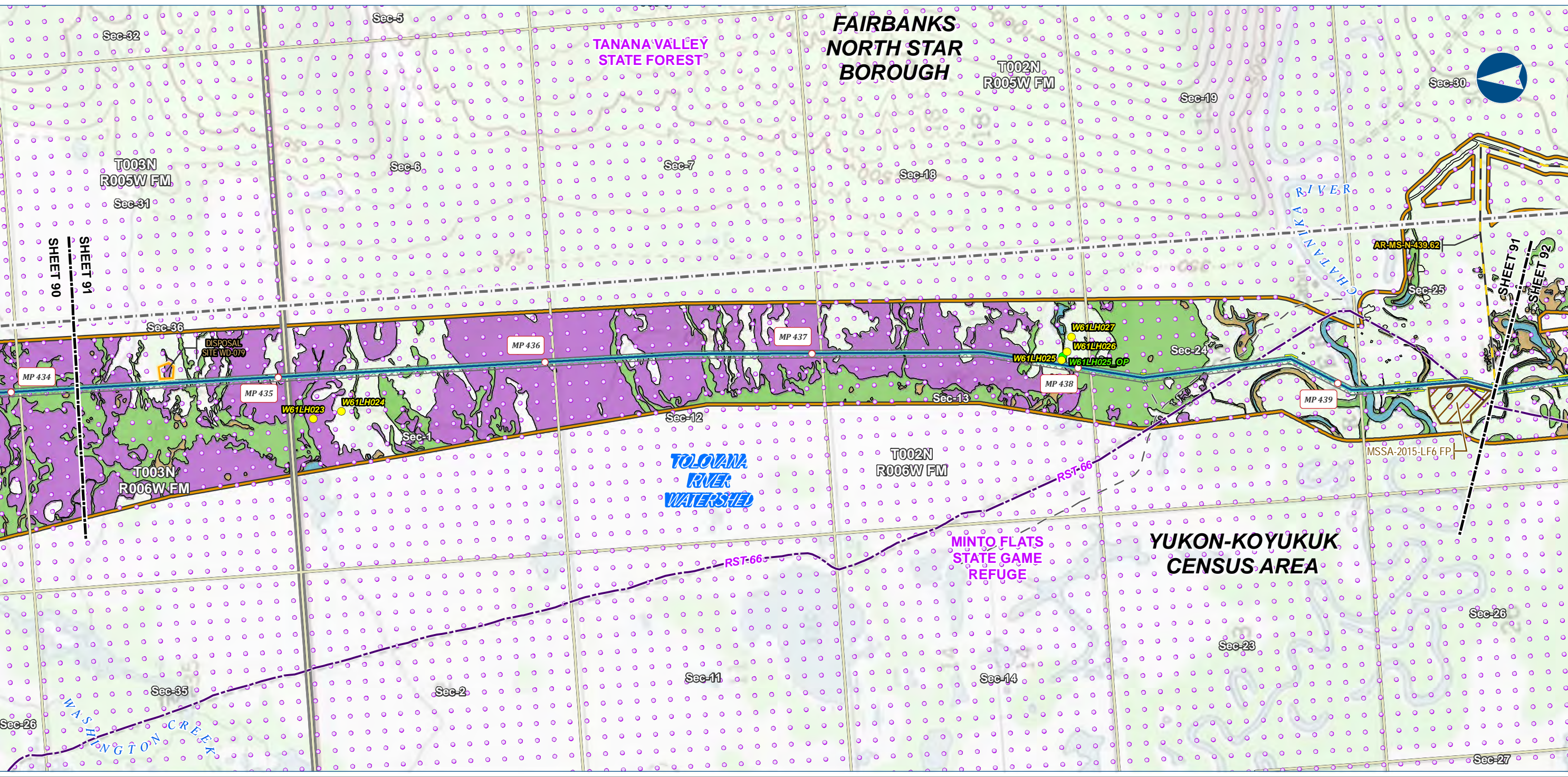
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 90





Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Disposal Site

Material Site Study Area (MSSA)

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)

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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

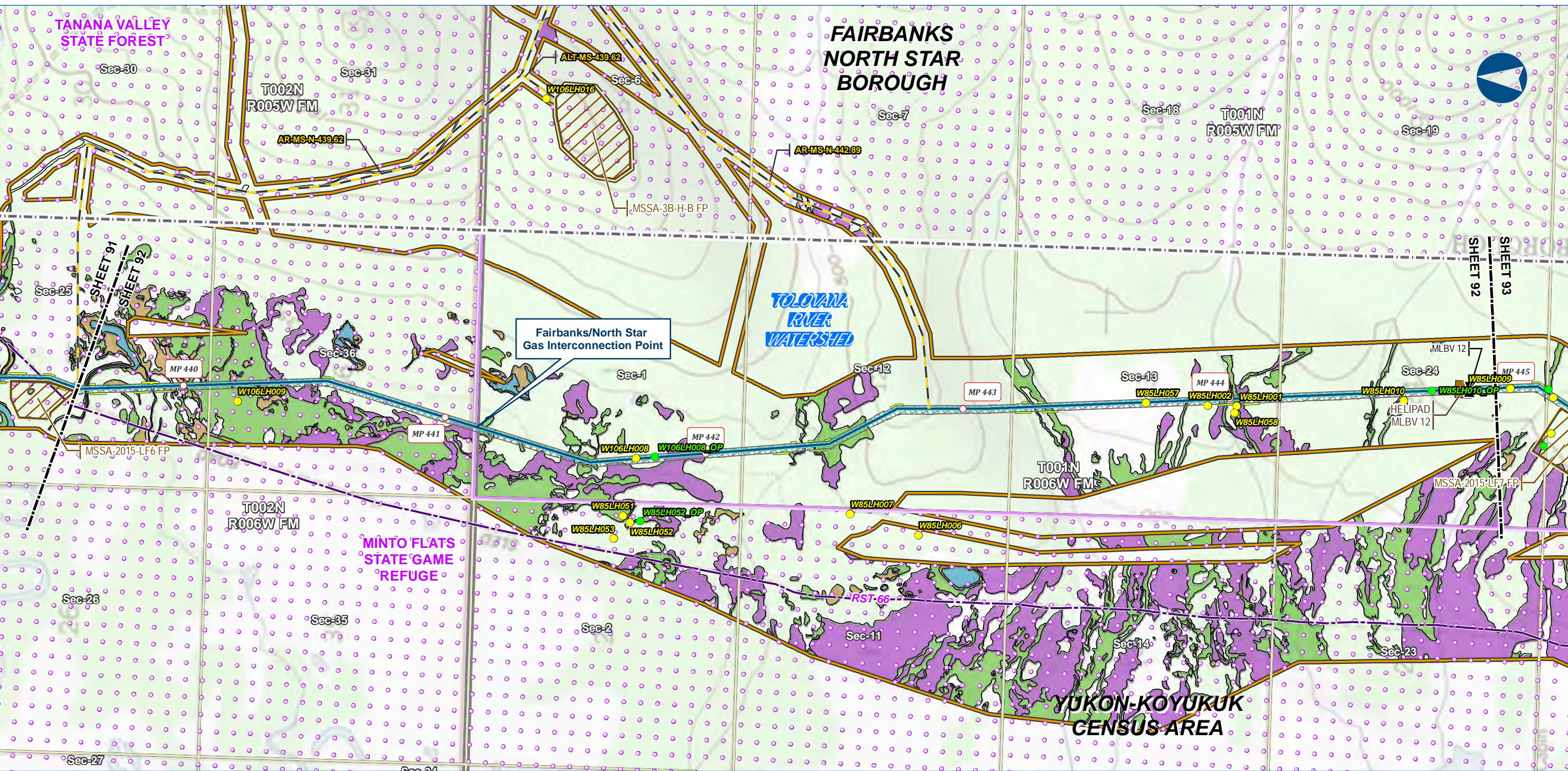
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Alaska LNG Project

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Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Mainline Blockvalve

Helipad

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Revised Statute 2477 Trail

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)

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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

DISCLAIMER

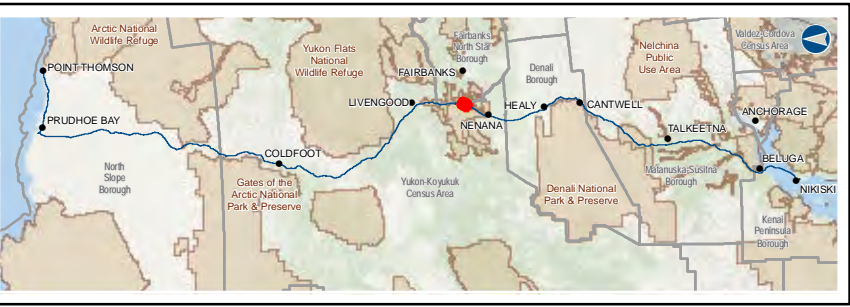
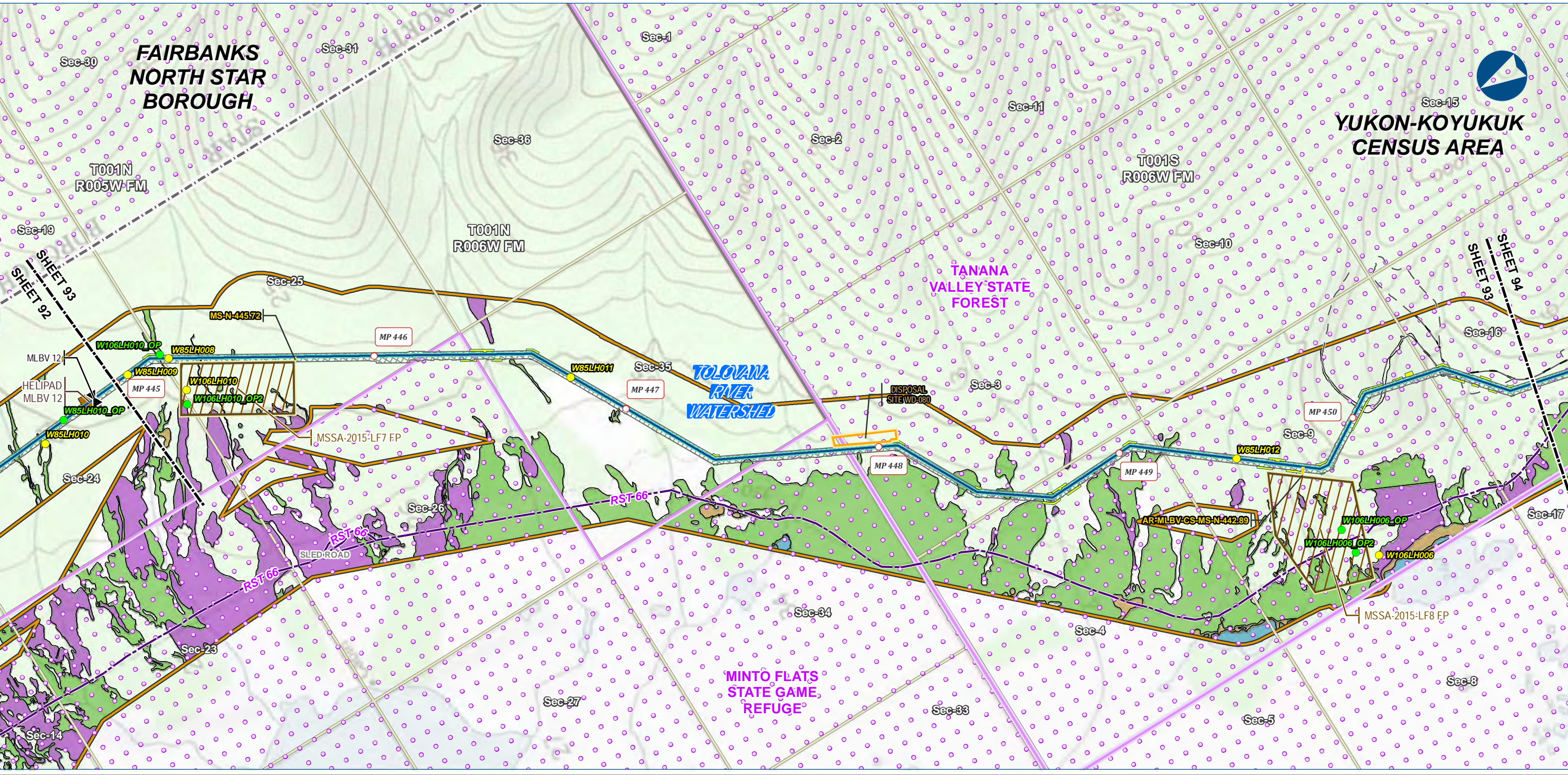
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Alaska LNG Project

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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

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)

Open Water

PEM

PFO

PSS

Permanent ROW

Construction ROW

ATWS

Disposal Site

Material Site Study Area (MSSA)

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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

DISCLAIMER

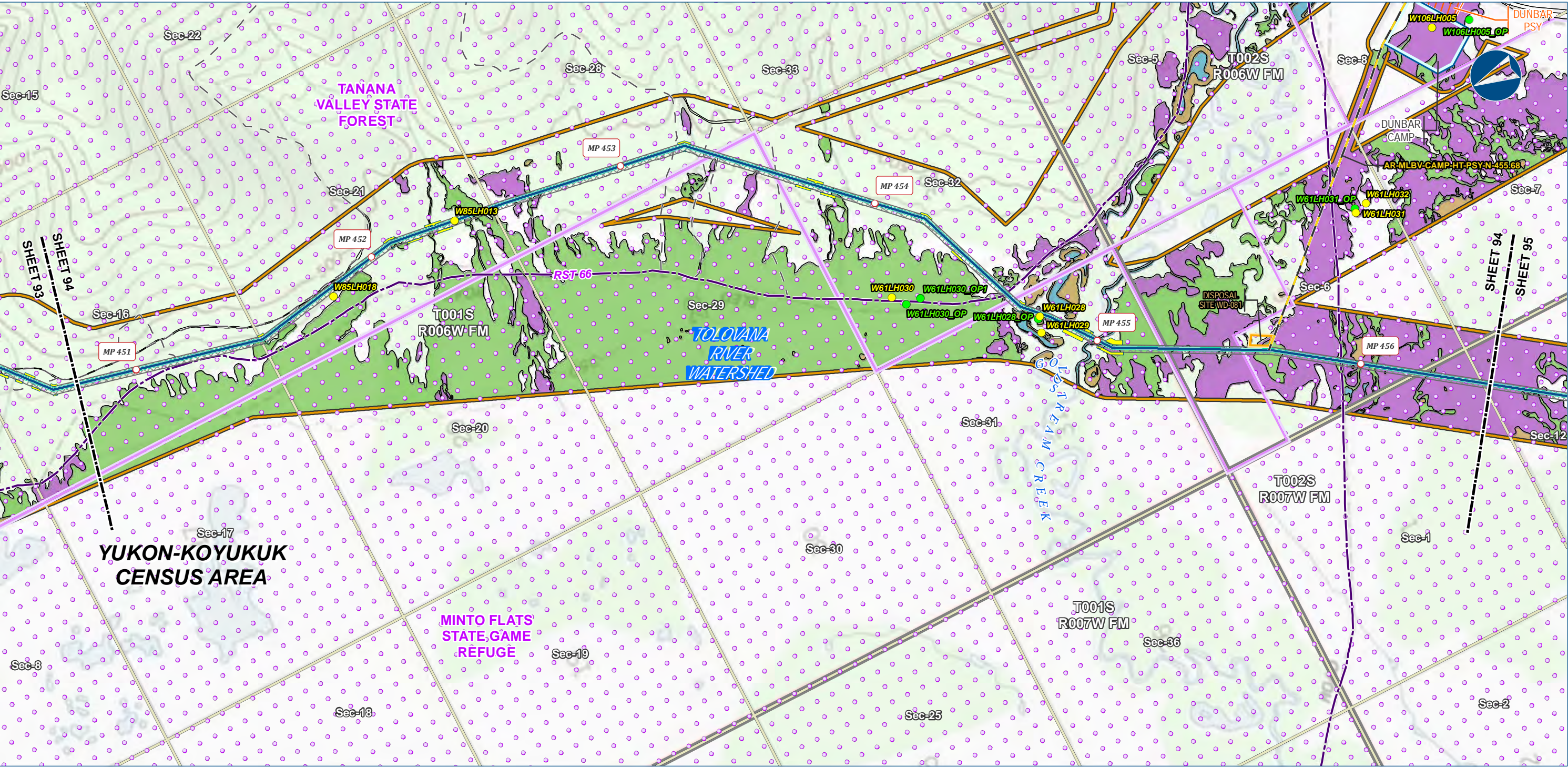
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SHEET: 93

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**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

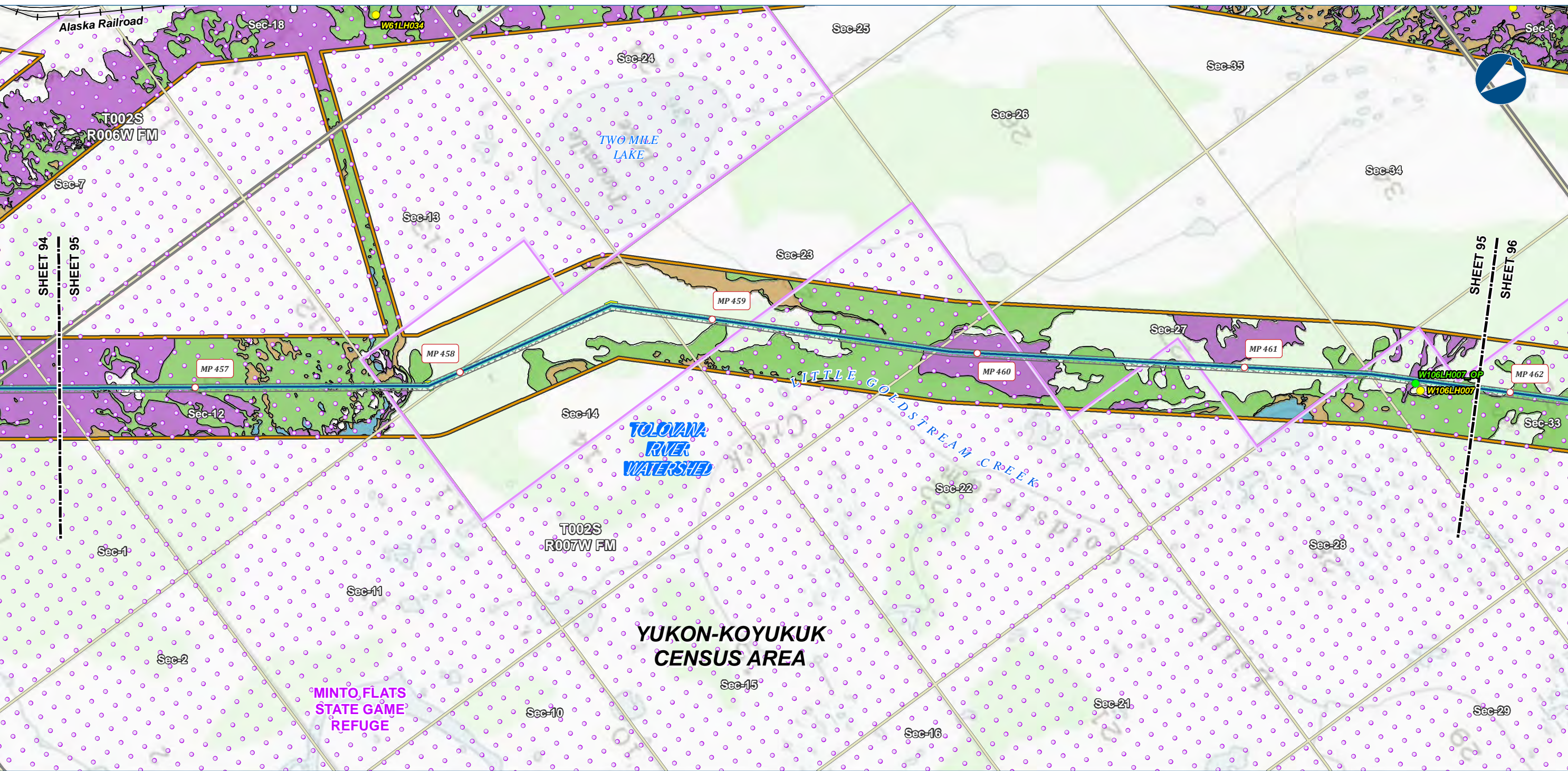
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 94





Legend

PIPELINE

Alaska LNG Rev C2 Route

Permanent ROW

Construction ROW

ATWS

EXISTING FEATURES

Existing Roads

Railroad

Conservation Lands

Section

Township

Welland Mapping Extent

Welland Field Verification Location

Welland 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.

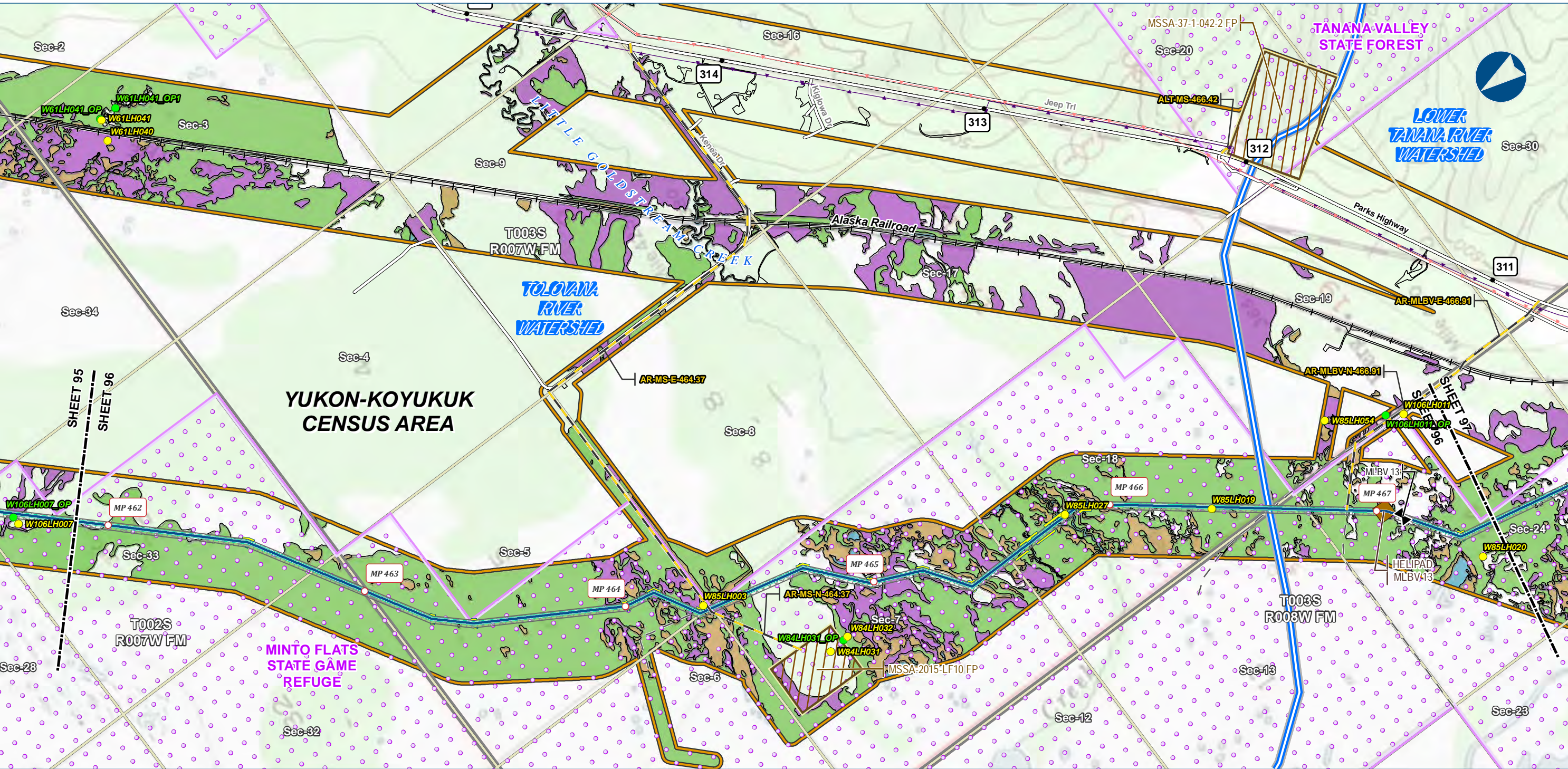
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 95





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Conservation Lands
- 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
- PFO
- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NRS2007 ALASKAZONE4 FTUS 54392

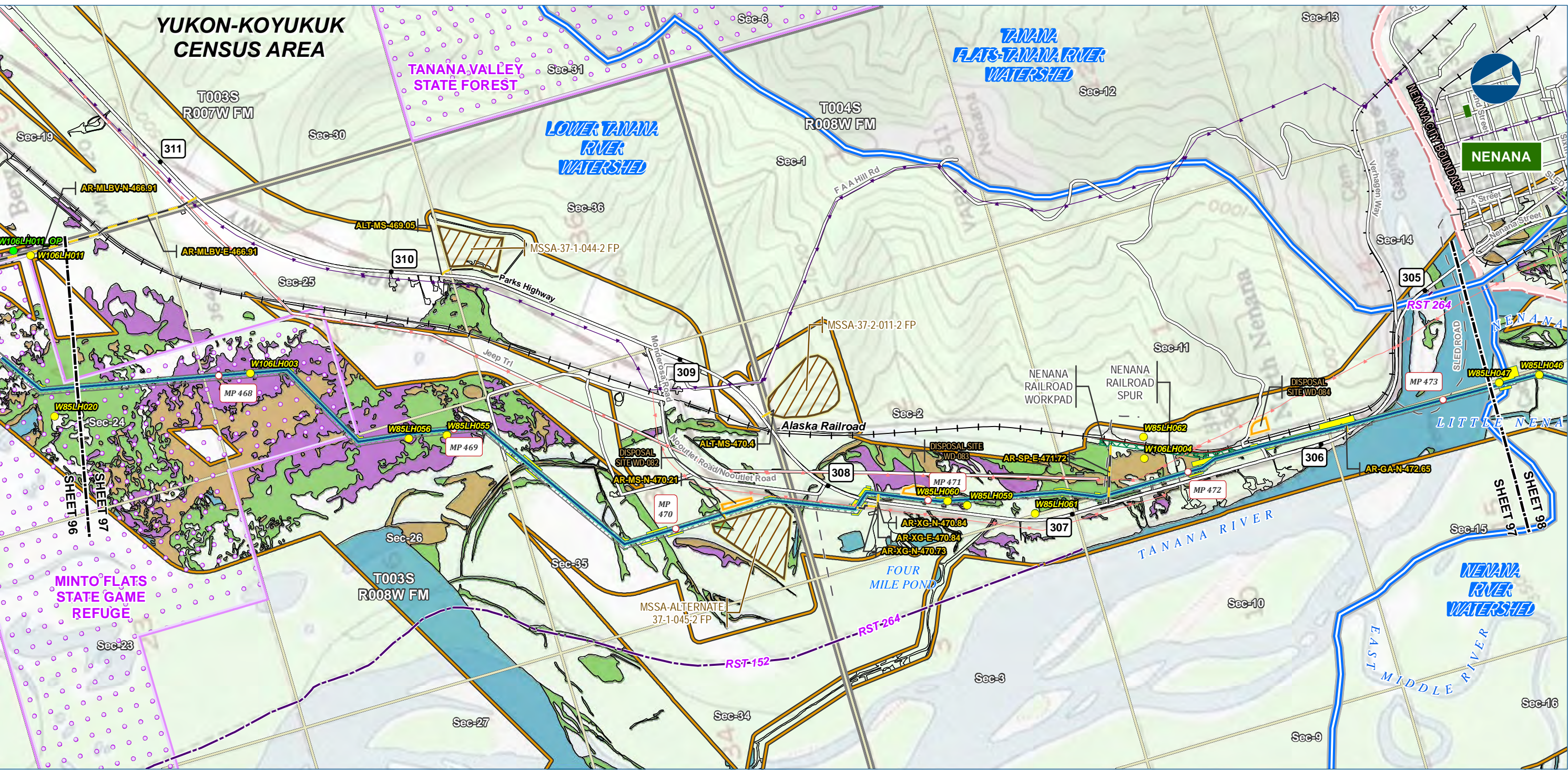
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 96





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Incorporated City Boundary
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

**Wetland Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary
- Open Water
- PEM
- PFO
- PSS

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

- Permanent ROW
- Construction ROW
- ATWS
- 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

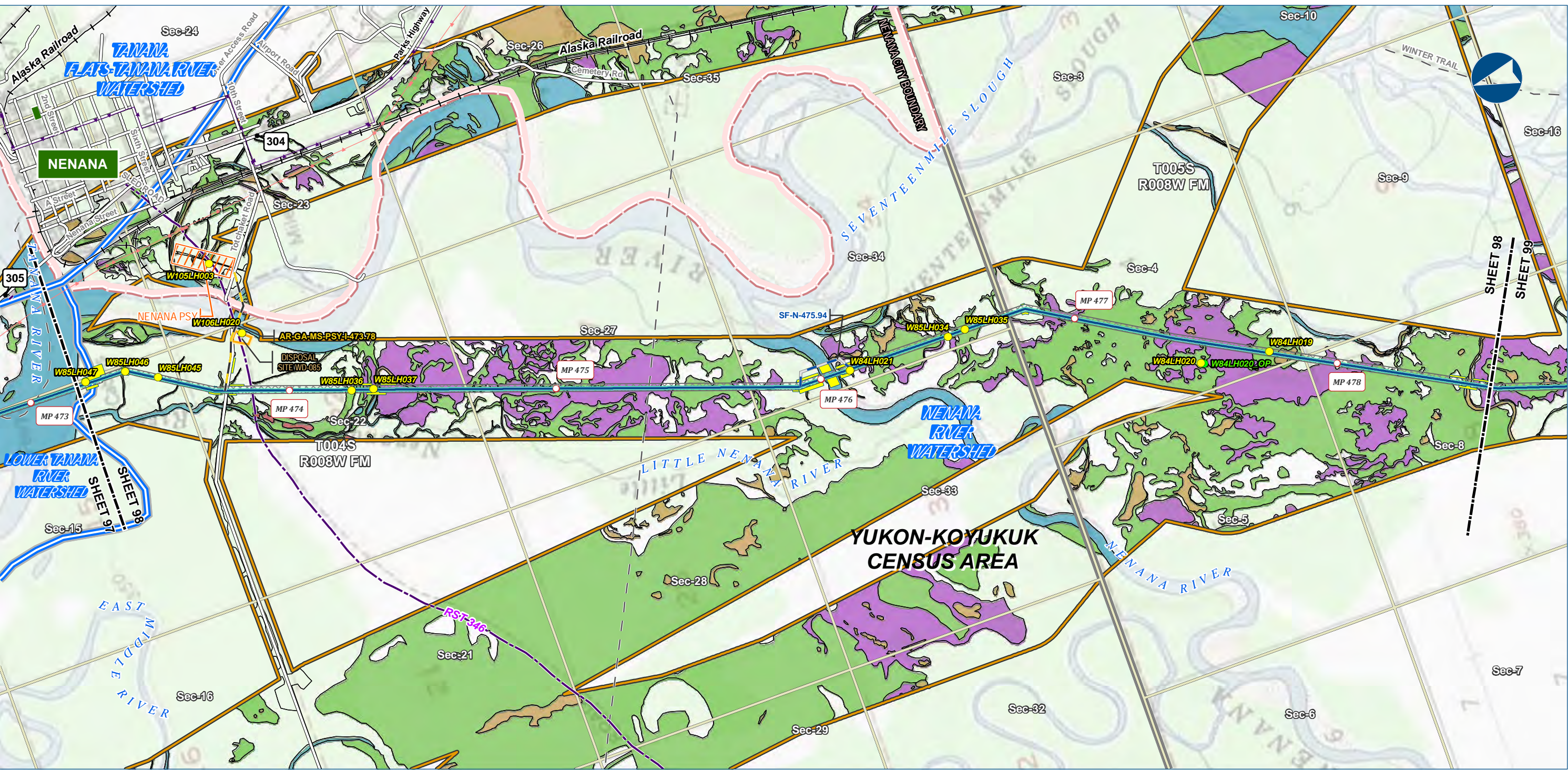
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 97





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Incorporated City Boundary
- Alaska DOT Place Names
- Section
- Township

**Wetland Mapping Extent**

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

**Other Features**

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

Welland 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		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

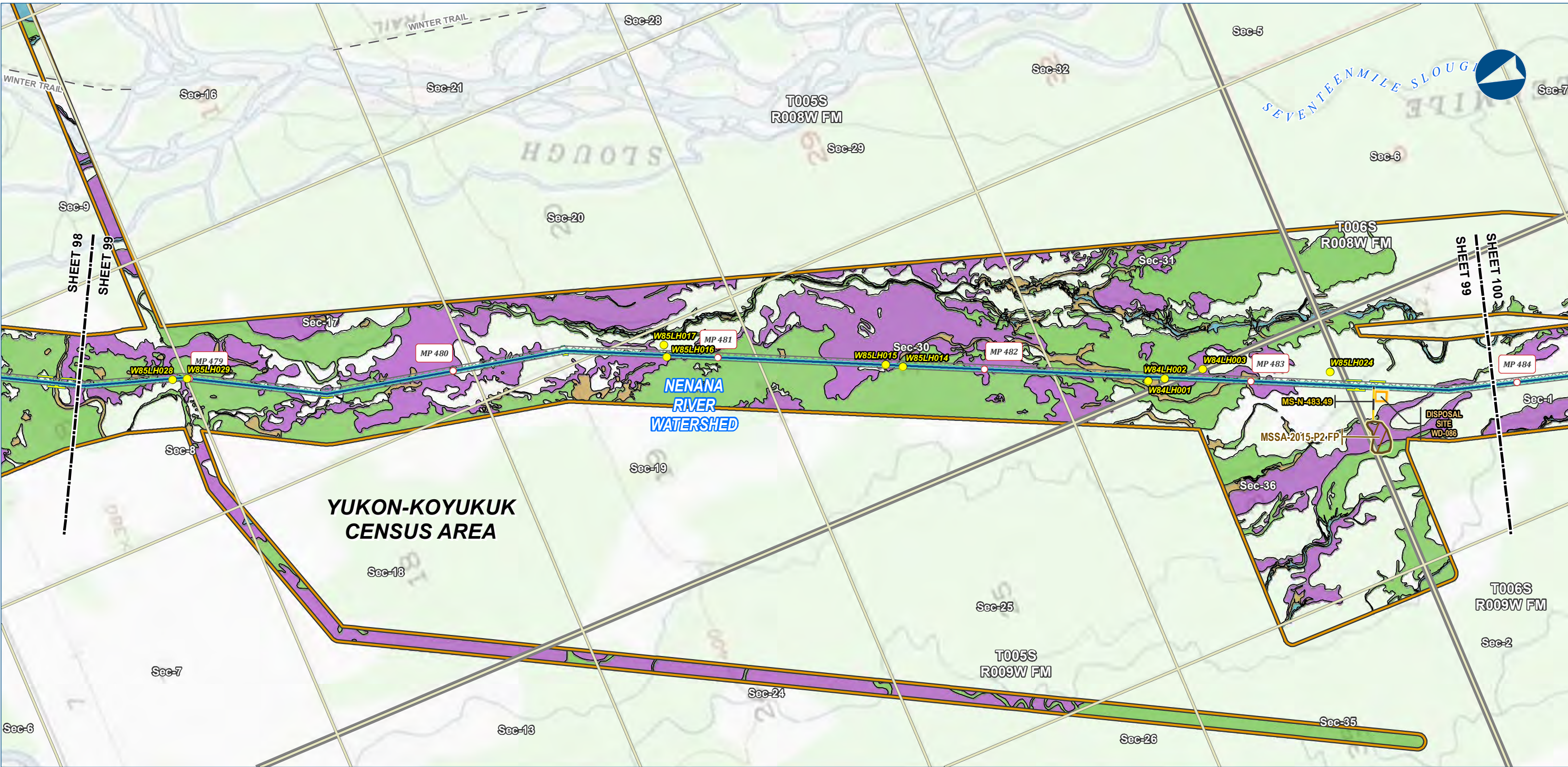
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 98





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

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

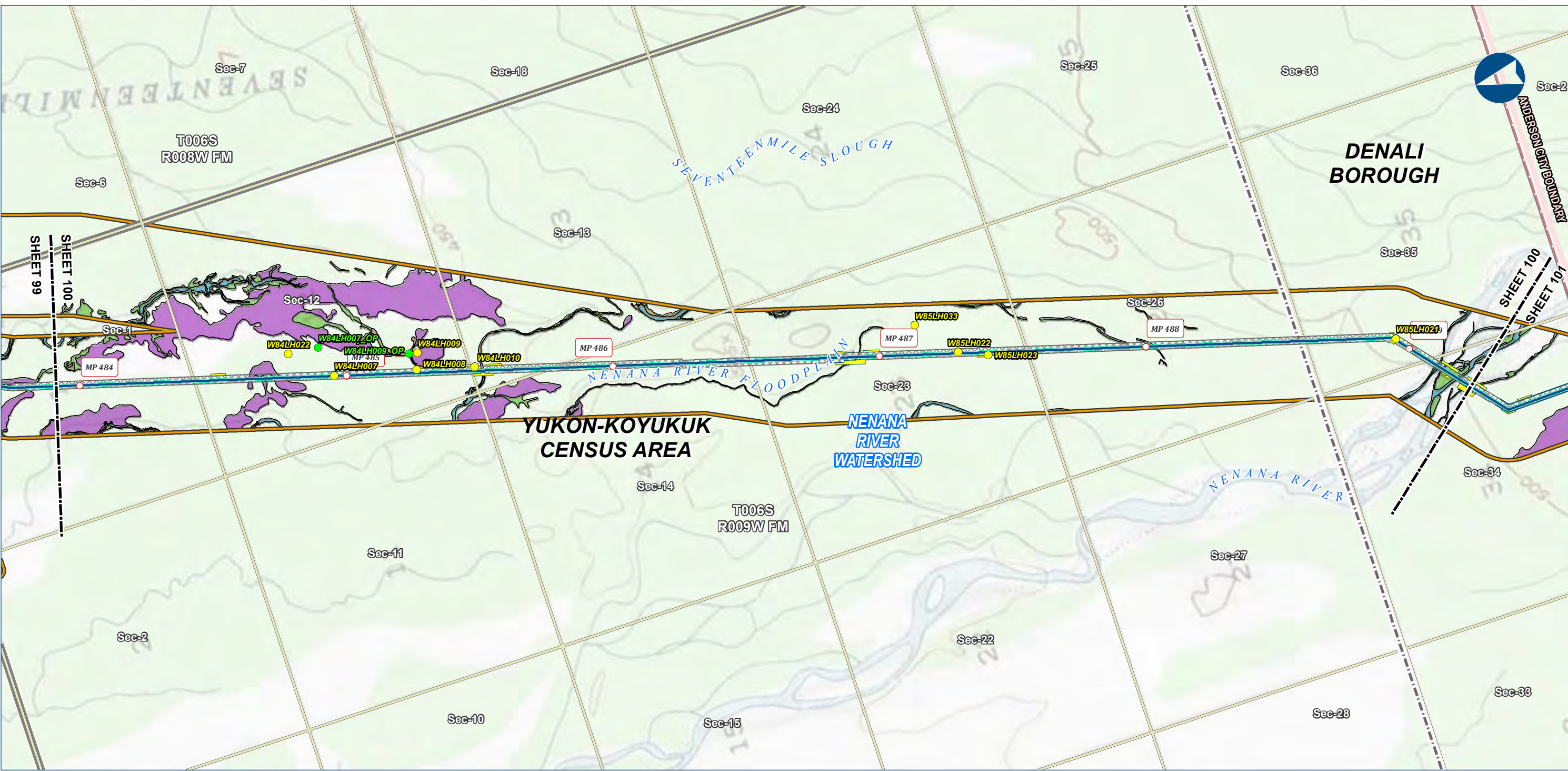
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 99





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- Borough / Census Area
- Incorporated City Boundary
- 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

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

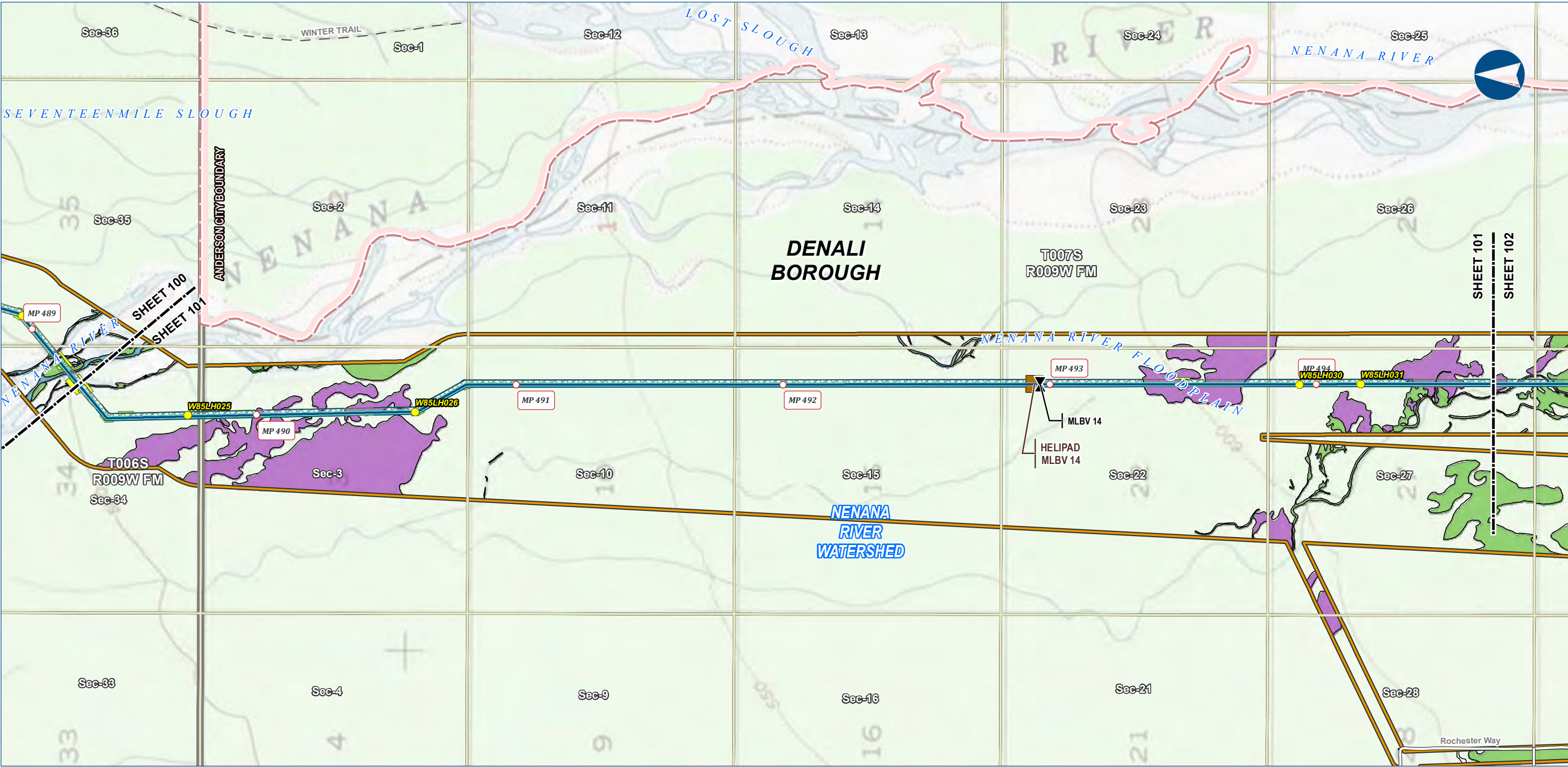
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 100





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Mainline Blockvalve
- Helipad

**EXISTING FEATURES**

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

**Wetland Mapping Extent**

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

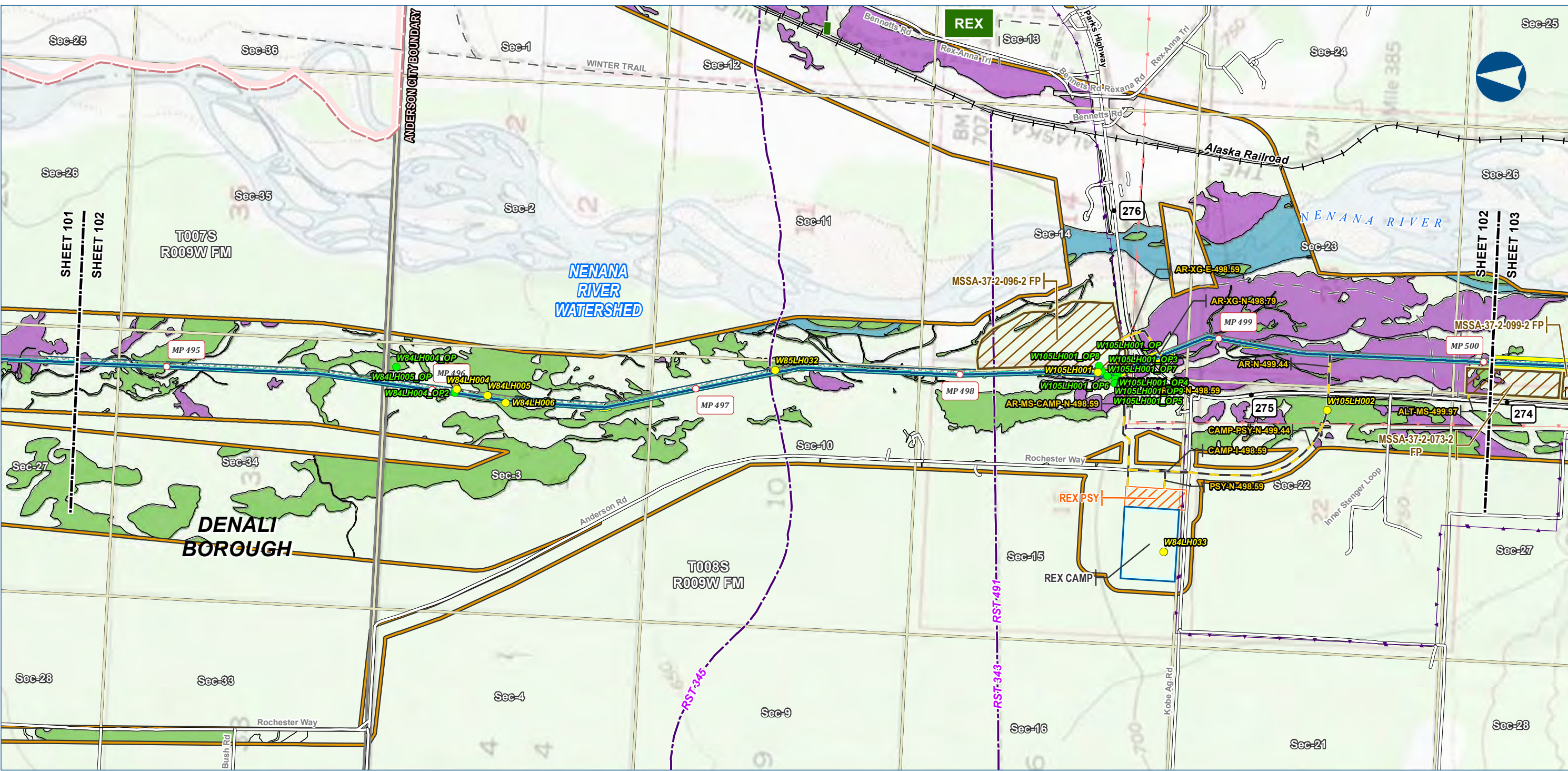
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 101





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- Incorporated City Boundary
- Alaska DOT Place Names
- 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.

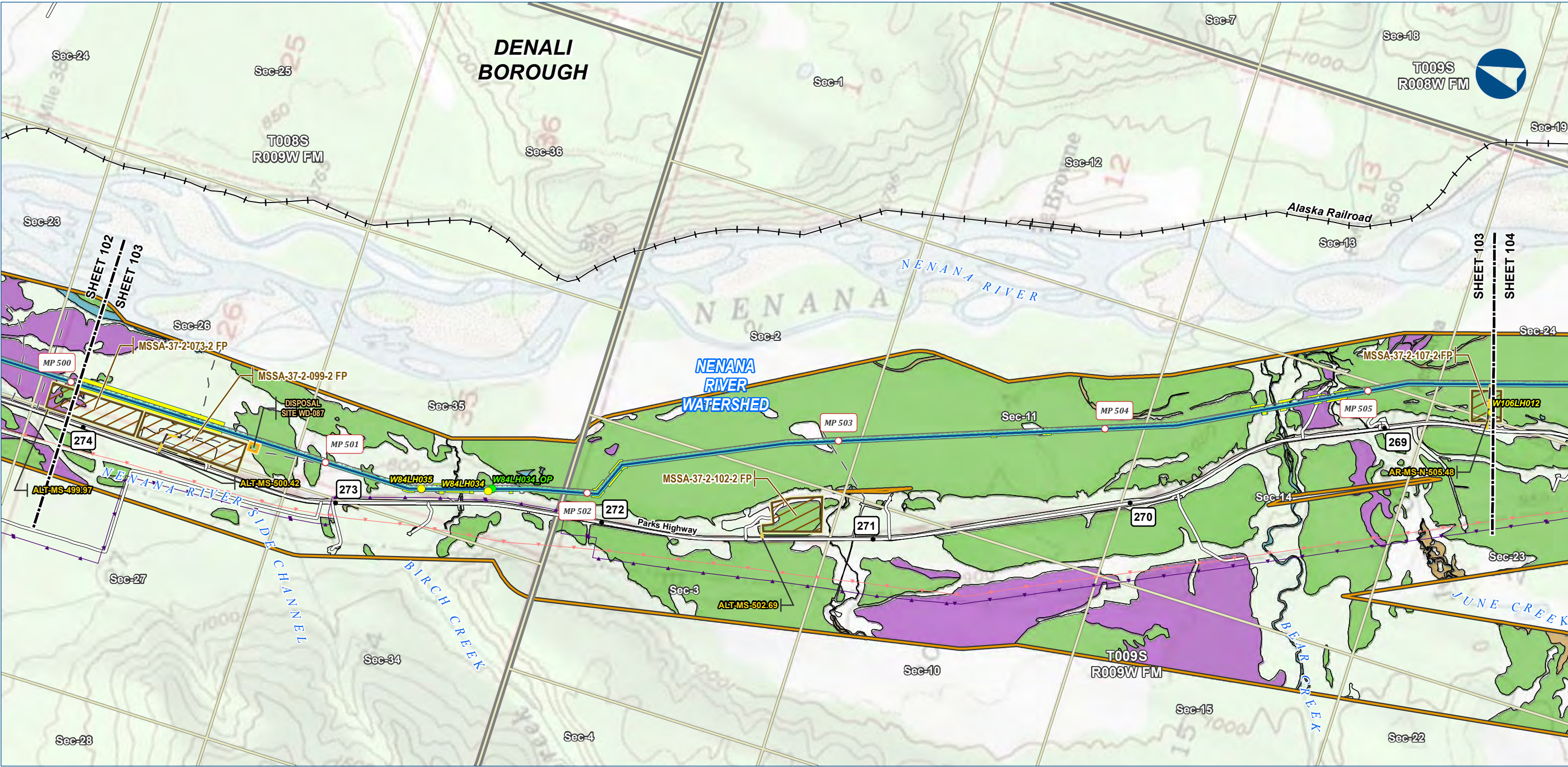
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 102





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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.

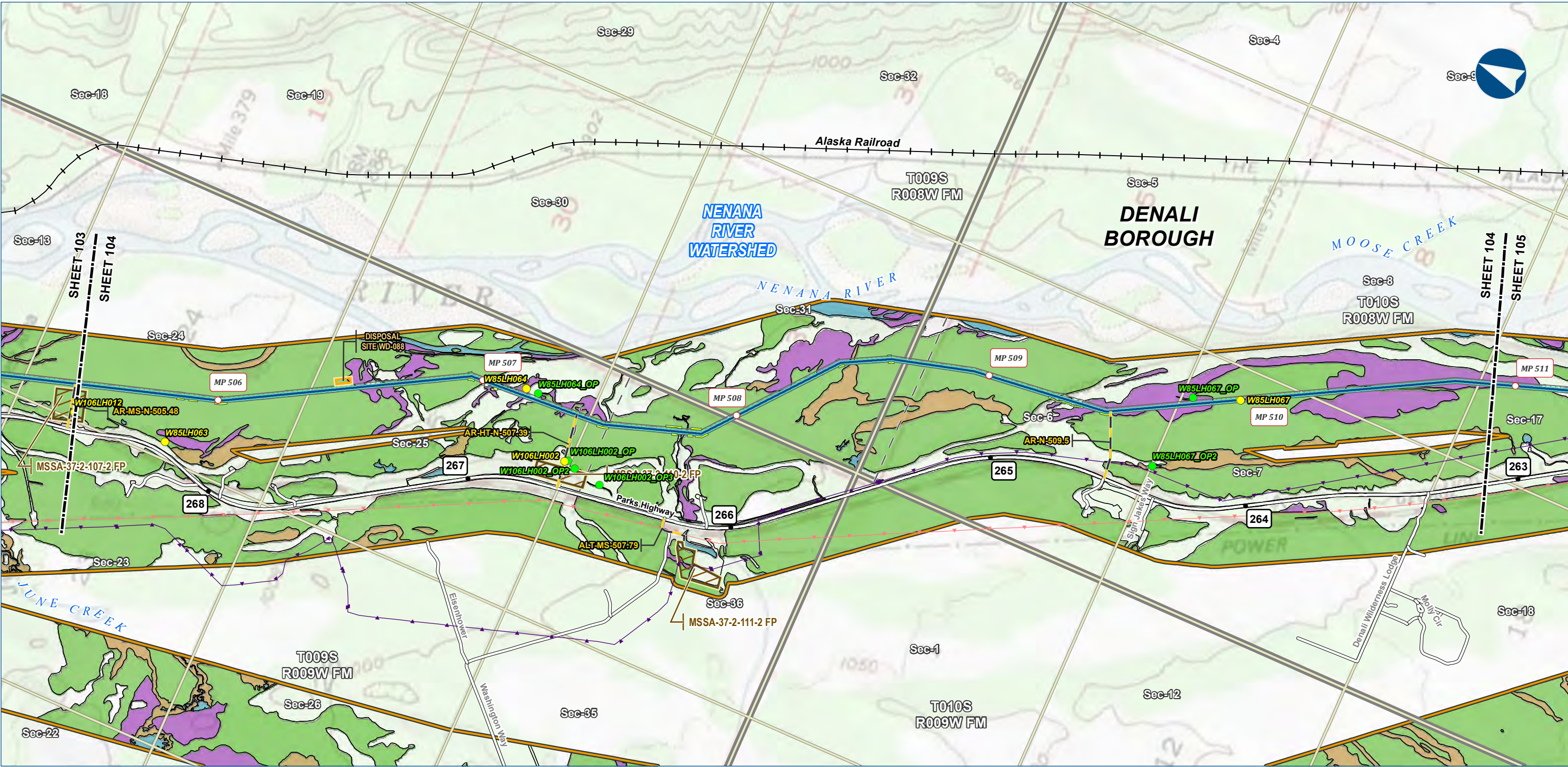
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 103





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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.

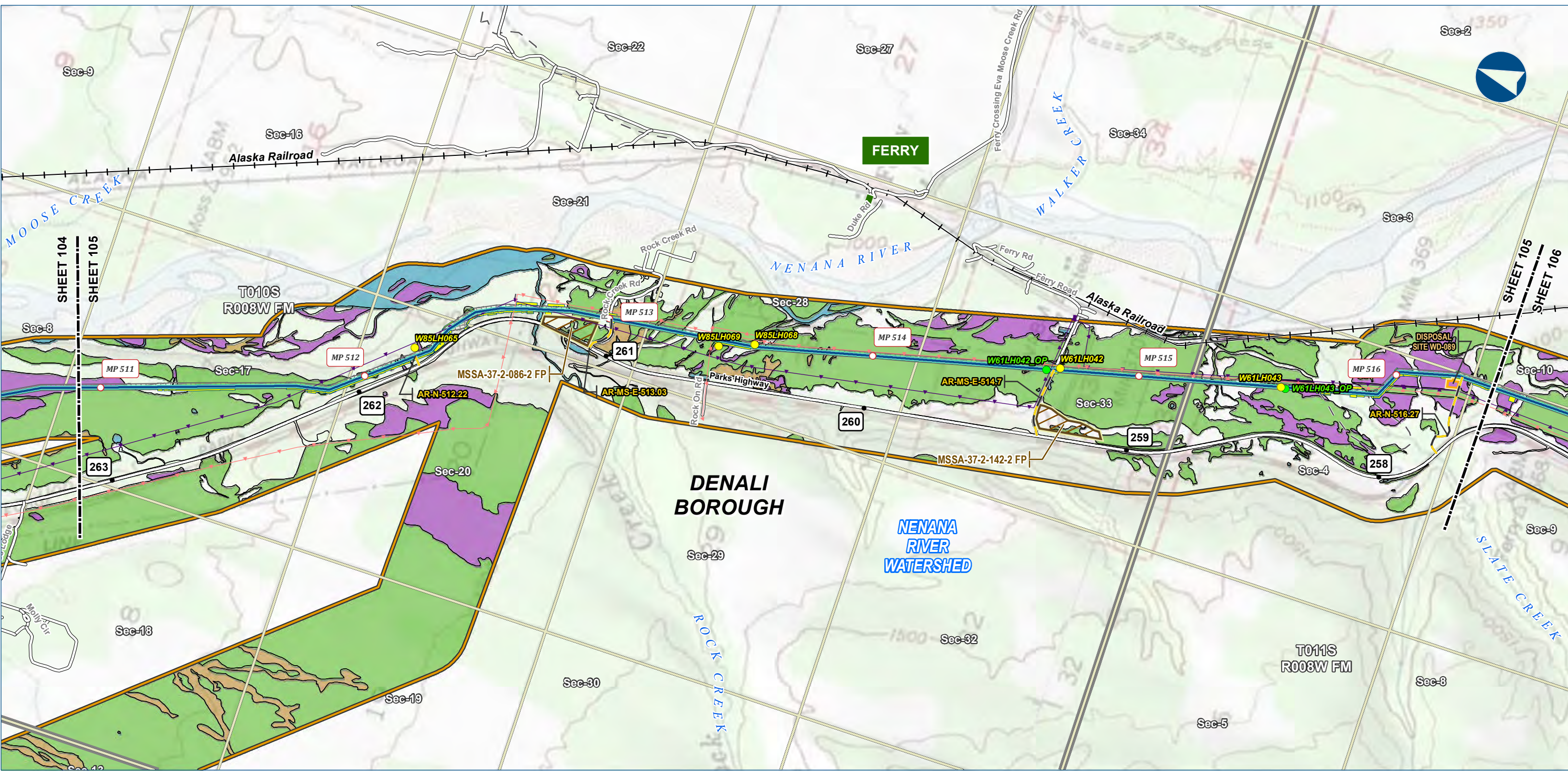
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 104





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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

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.

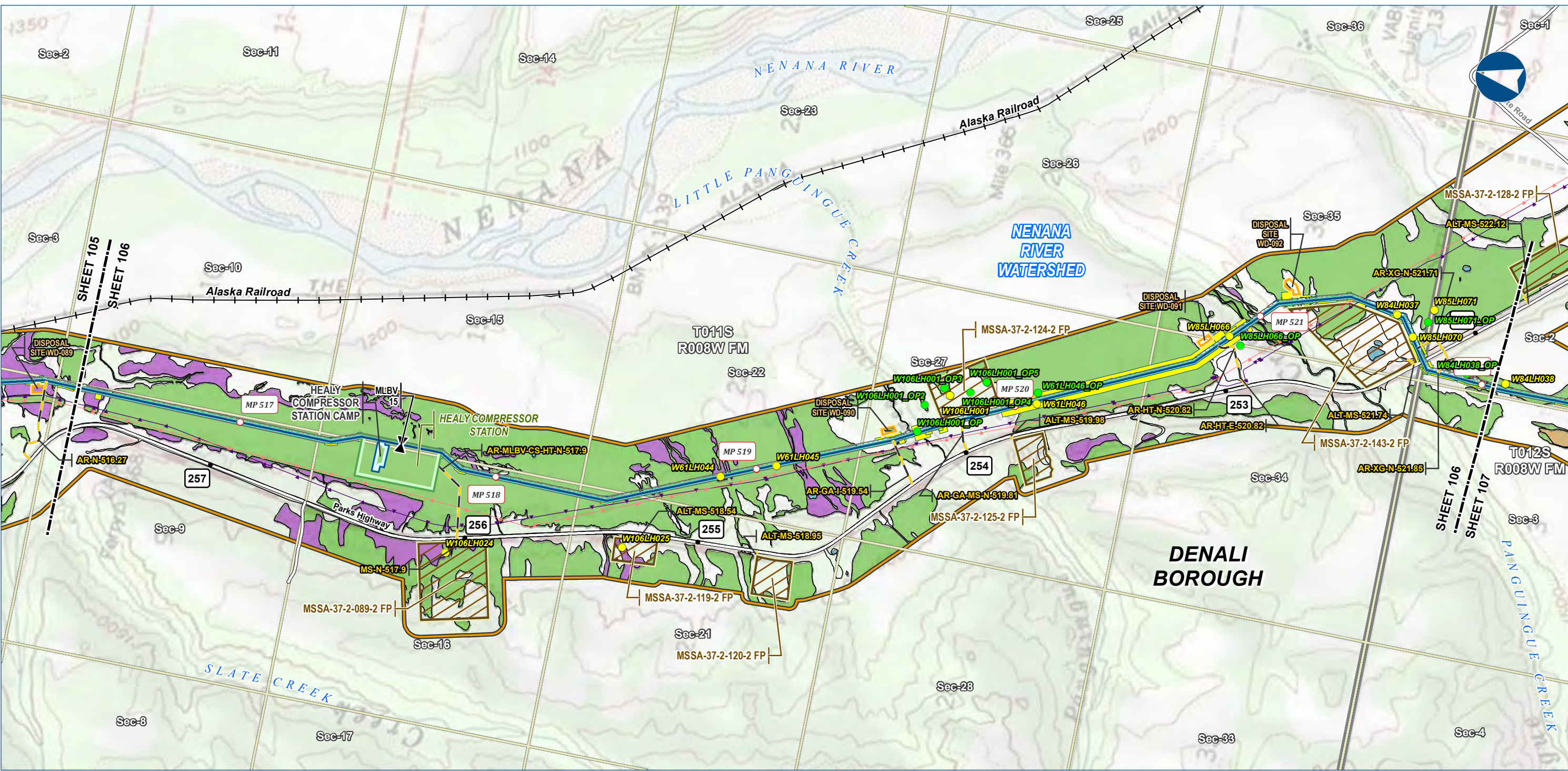
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 105





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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
- Compressor Station
- Camp
- 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.

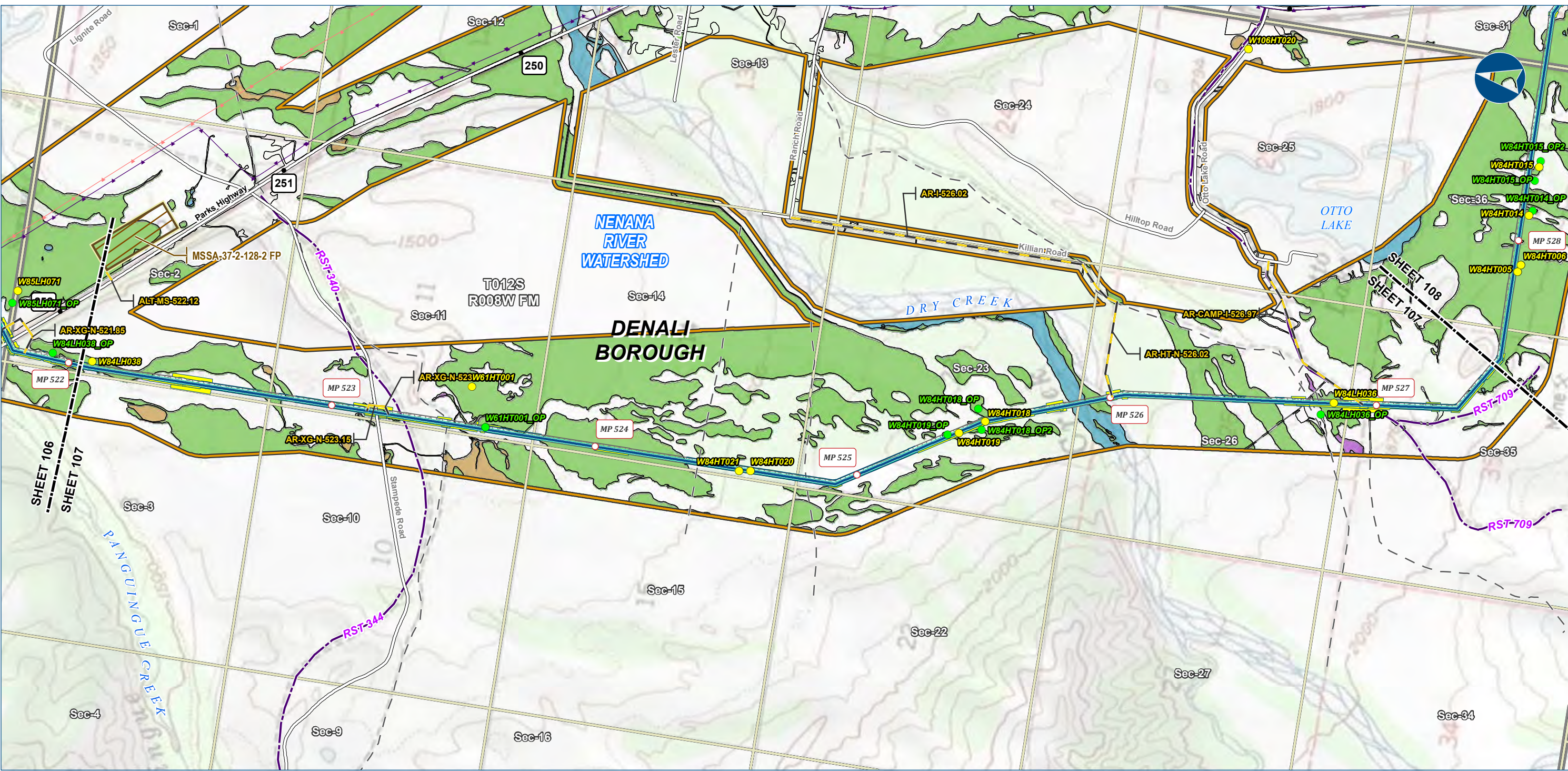
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 106





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- 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
- 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:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

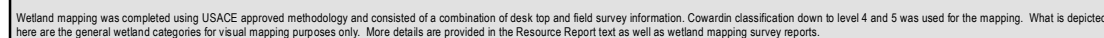
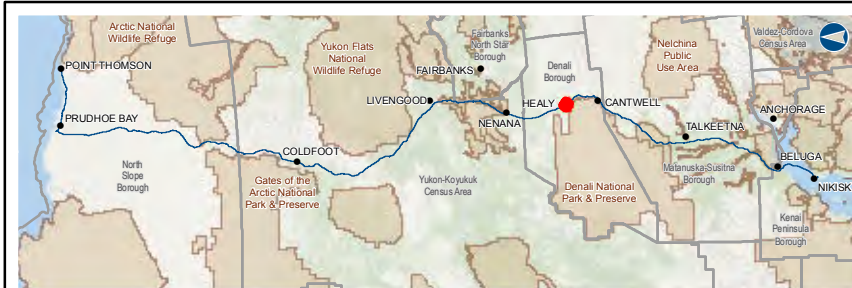
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 107



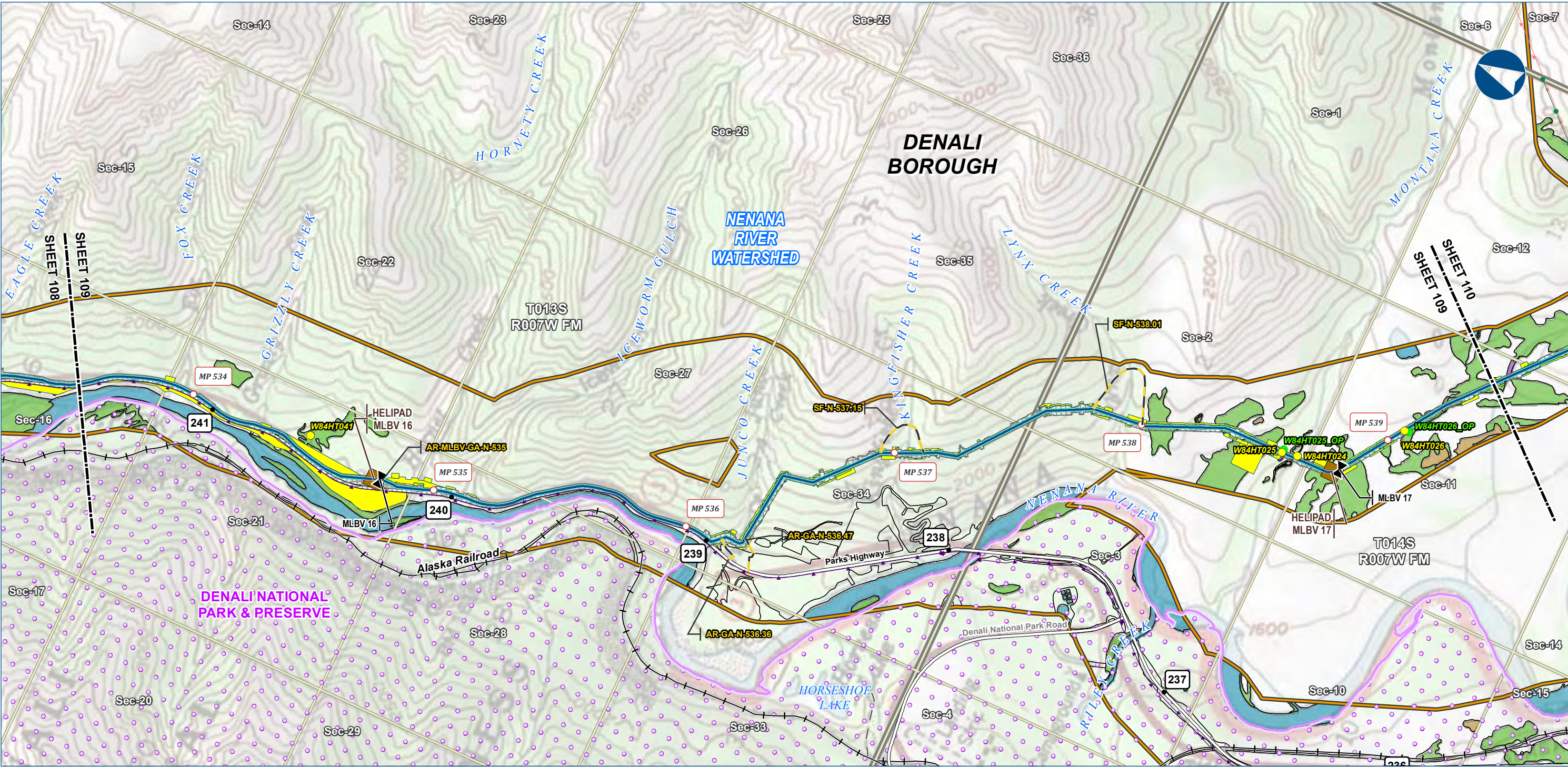


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**DWG:** RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL      **SHEET:** 108





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- 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.

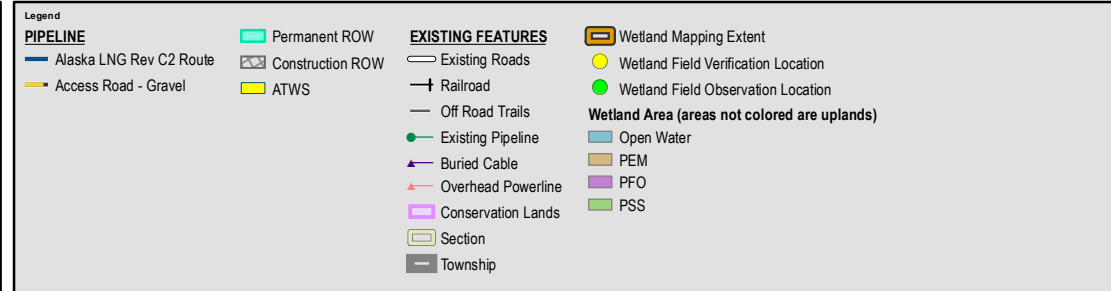
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 109



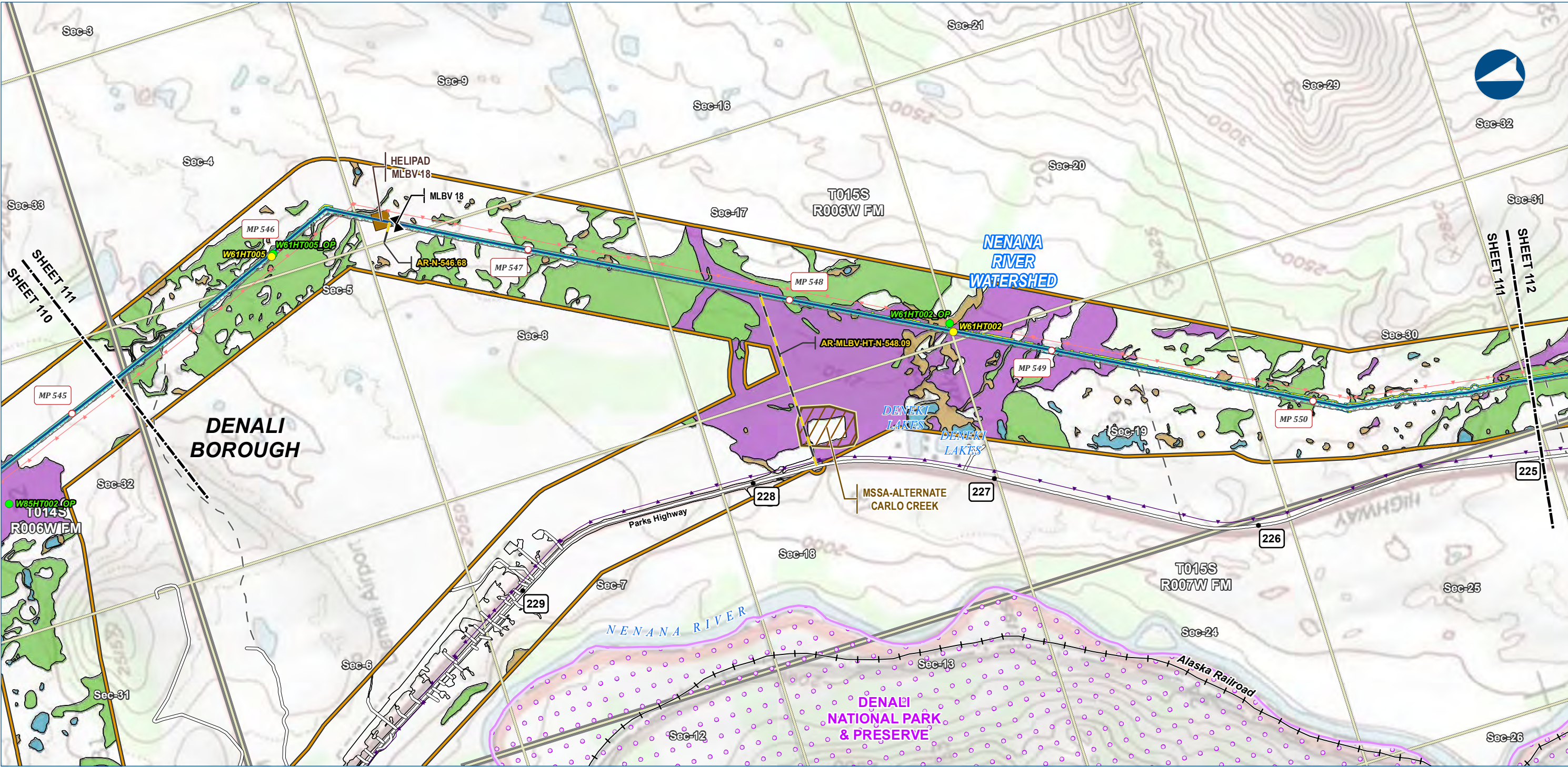


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<b>DWG:</b> RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	<b>SHEET:</b> 110
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**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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
- 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:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0	1/4 1/2 Miles
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

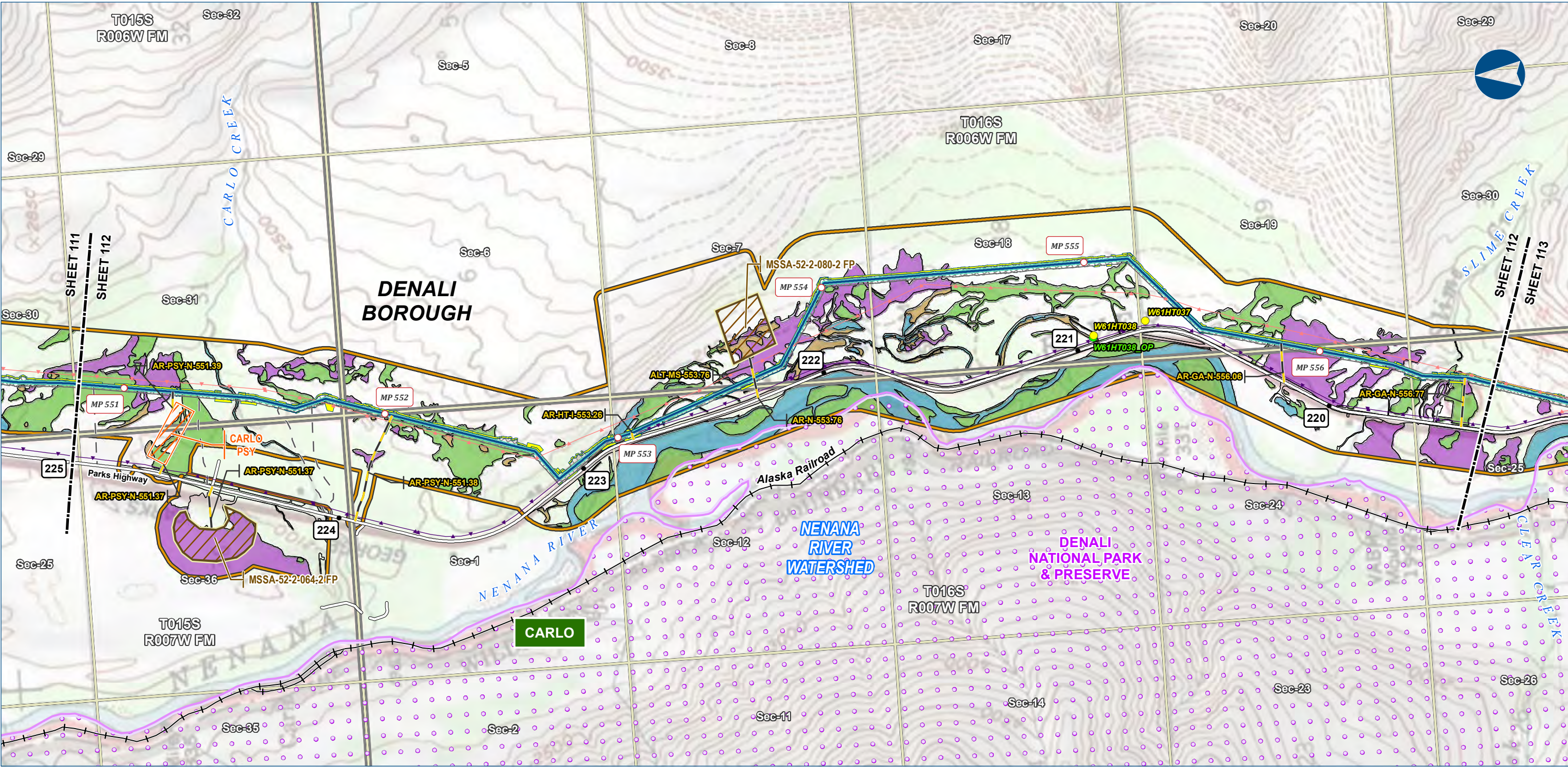
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 111





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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

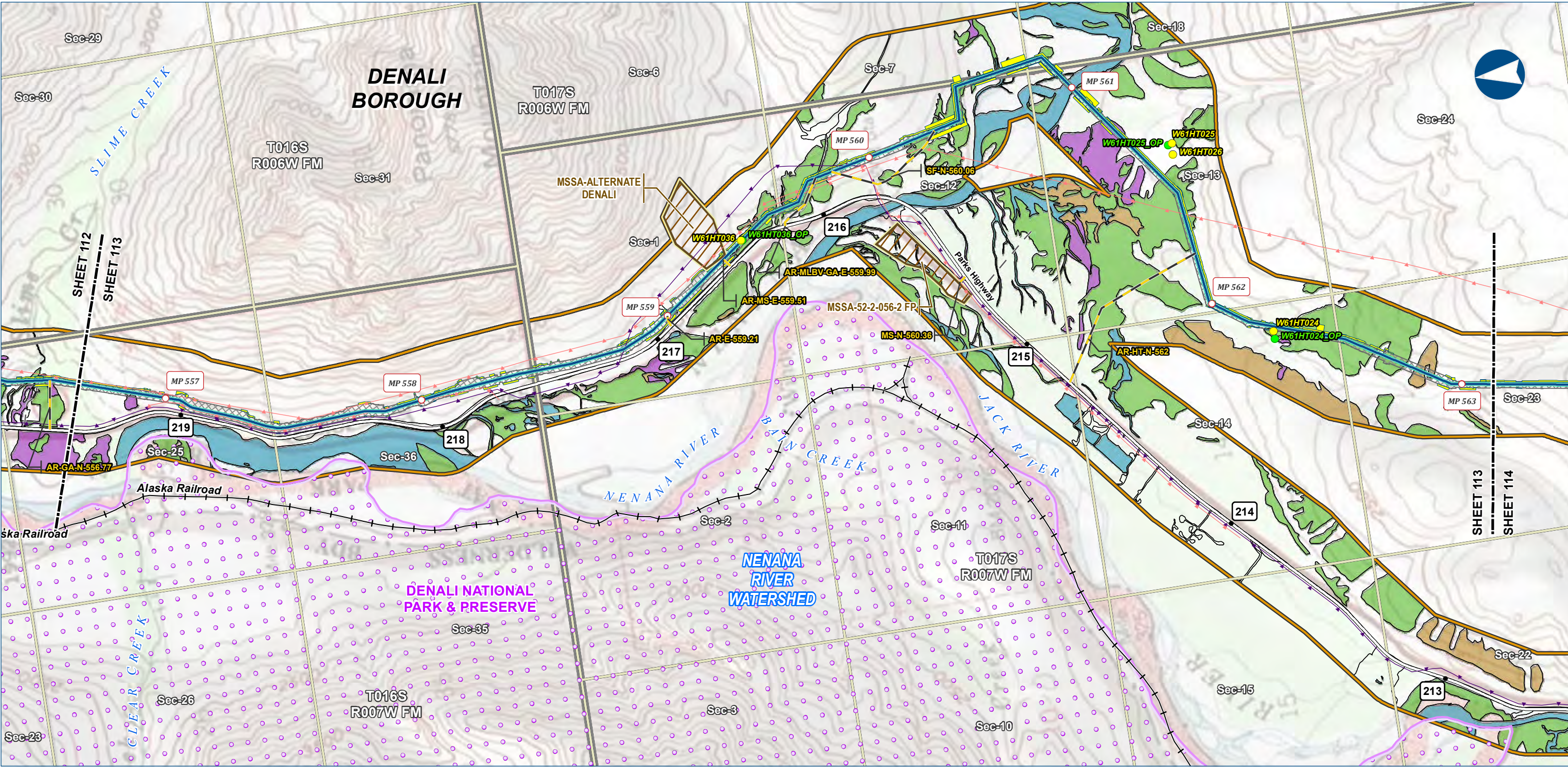
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 112





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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

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

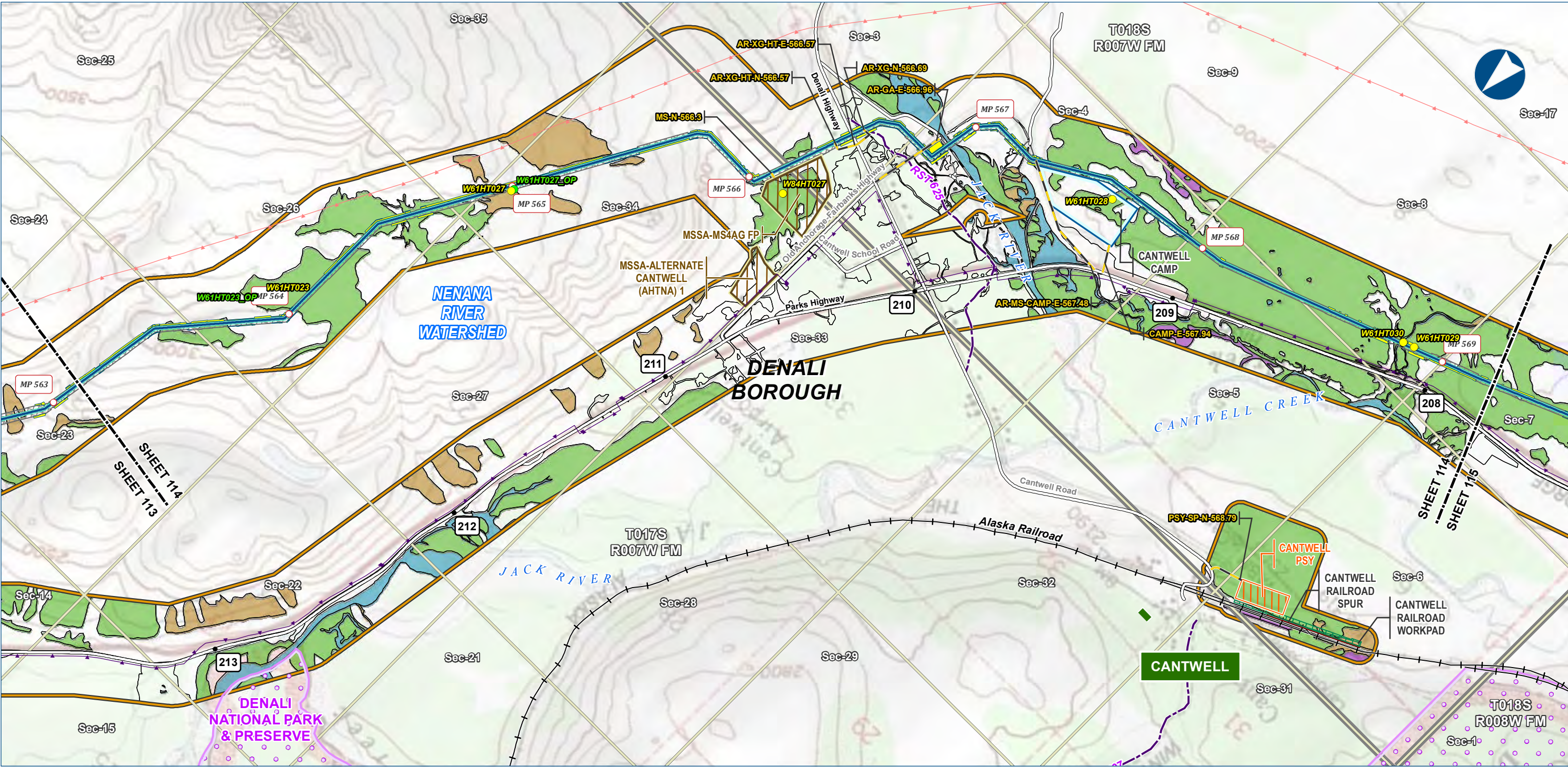
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 113





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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
- Material Site Study Area (MSSA)

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

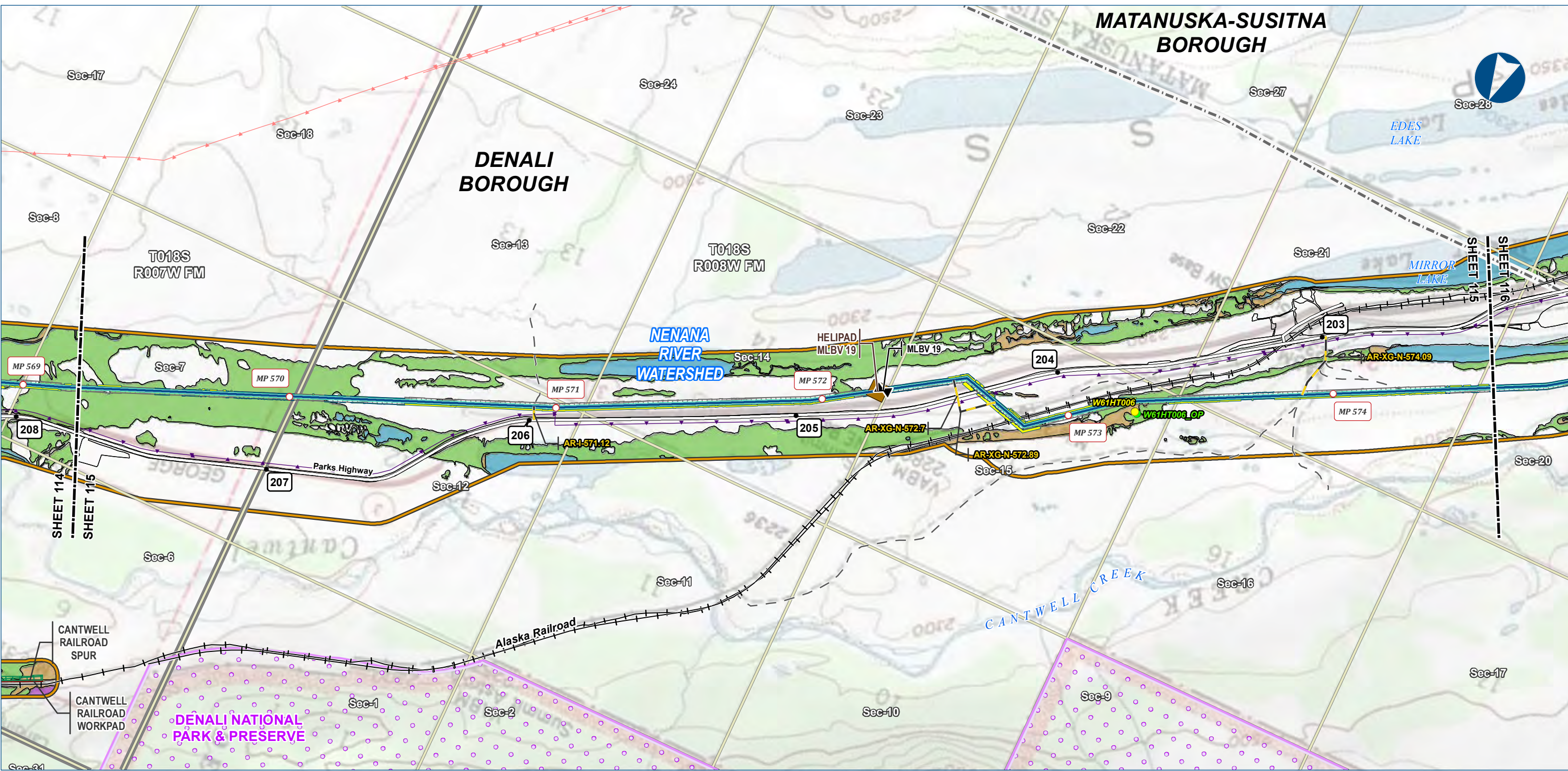
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 114





**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Buried Cable
- Overhead Powerline
- 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)**

- 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.

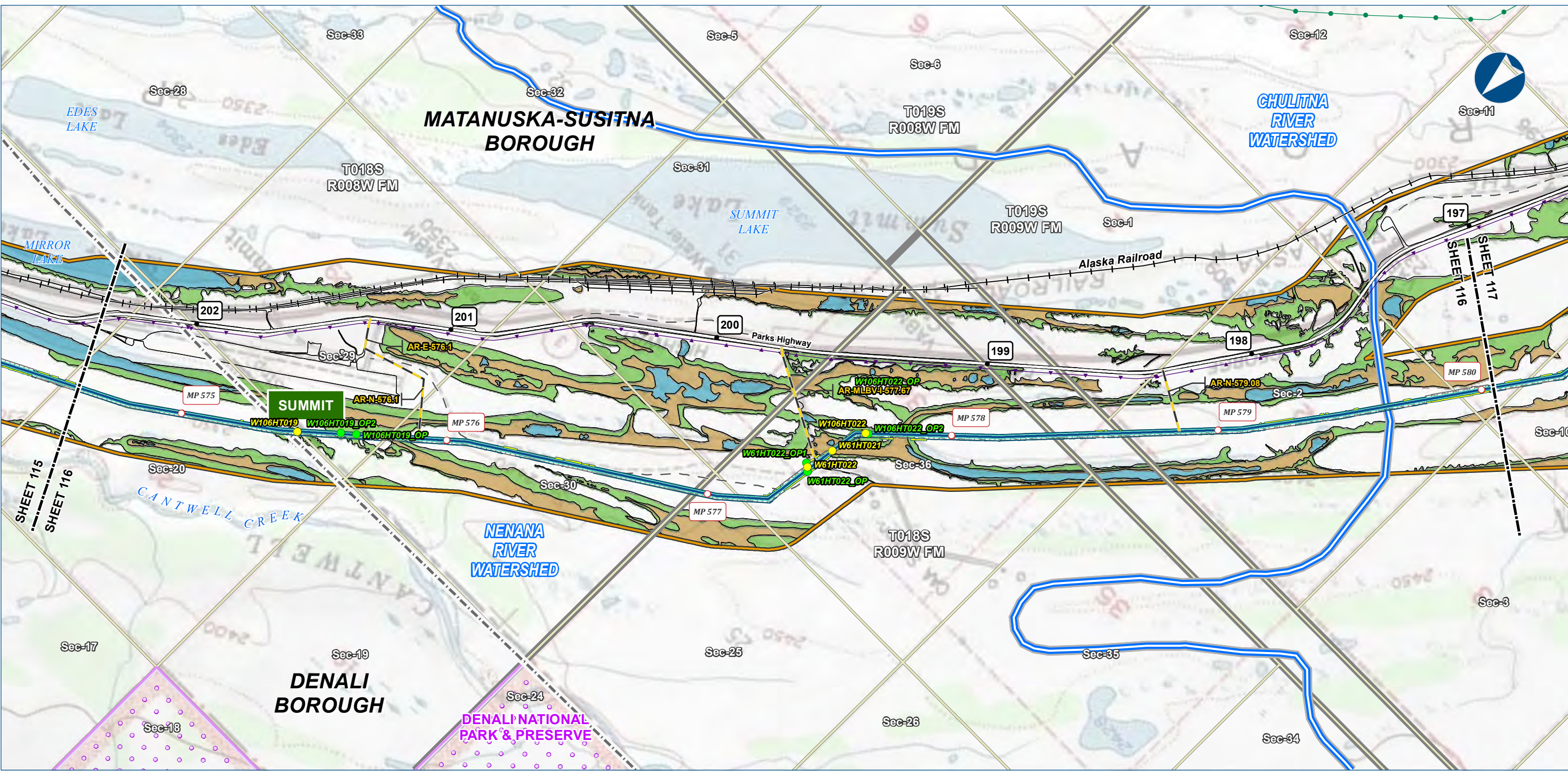
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 115





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Borough / Census Area
- Conservation Lands
- Alaska DOT Place Names
- Section
- Township

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

- Open Water
- PEM
- PSS

**Wetland Mapping Extent**

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

**Other Symbols**

- Permanent ROW
- Construction ROW
- ATWS

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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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

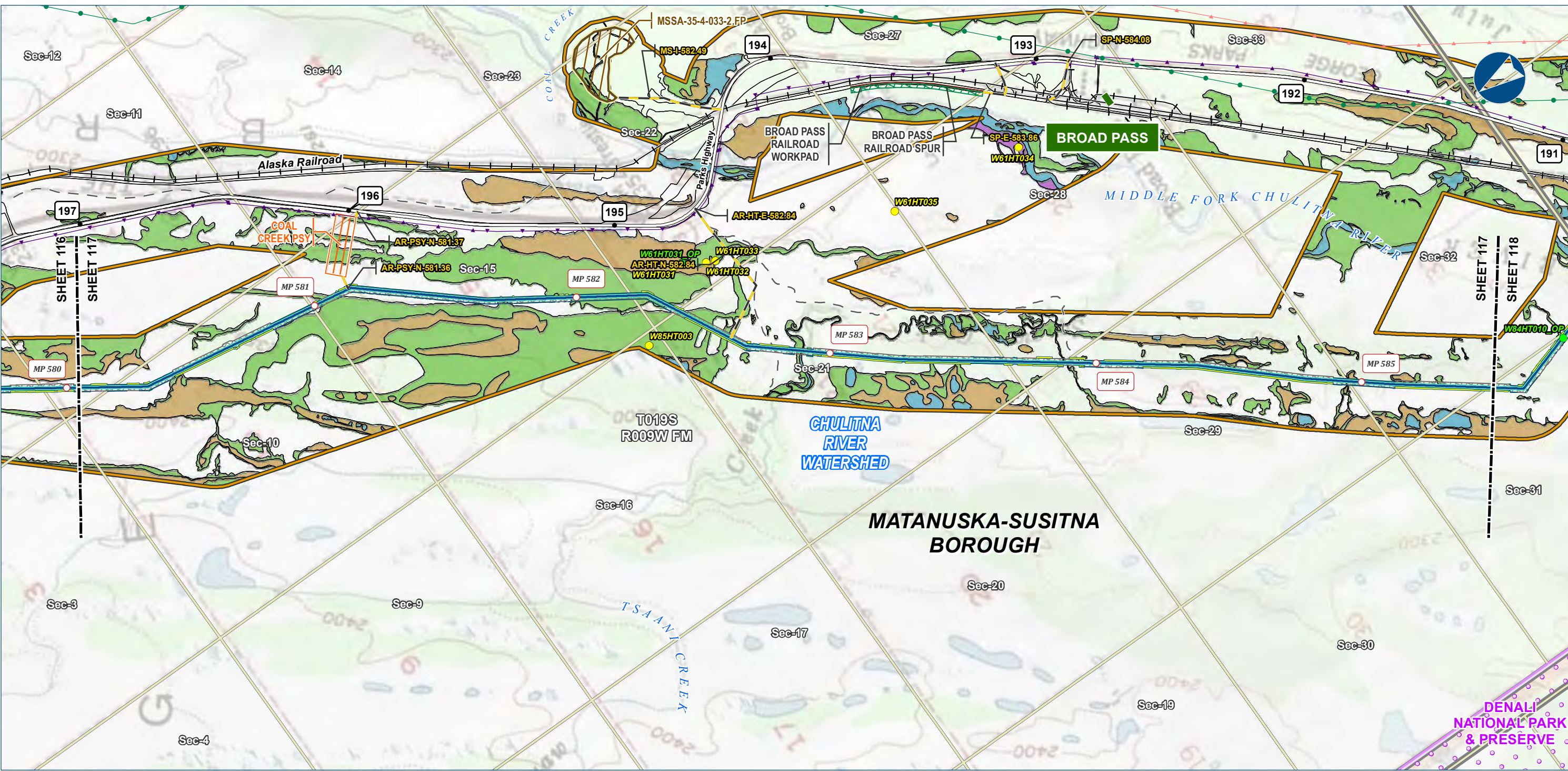
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 116





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- 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
- Pipe Storage Yard (PSY)
- Railroad Workpad
- Railroad Spur
- 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.

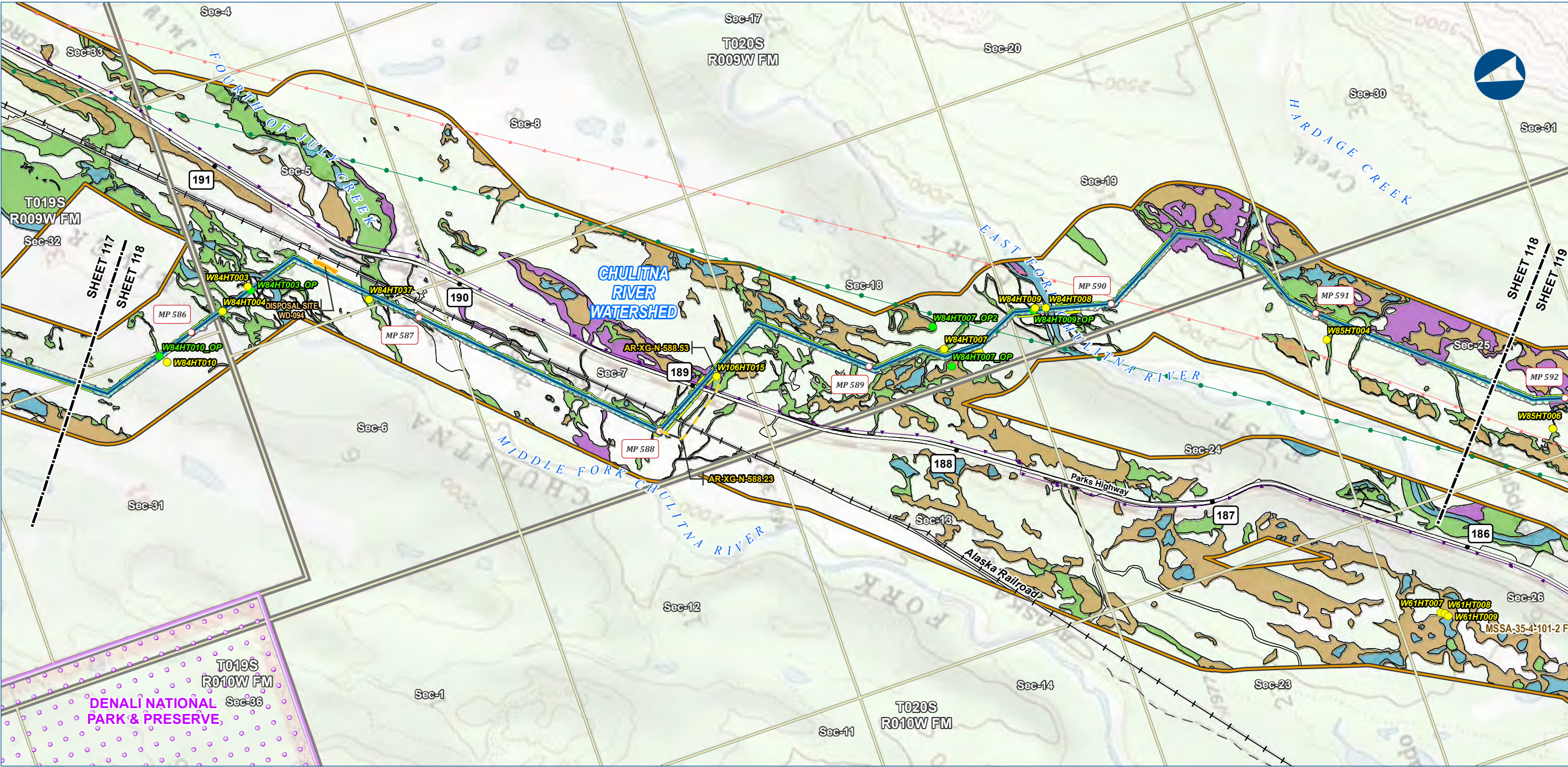
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 117





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- 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.

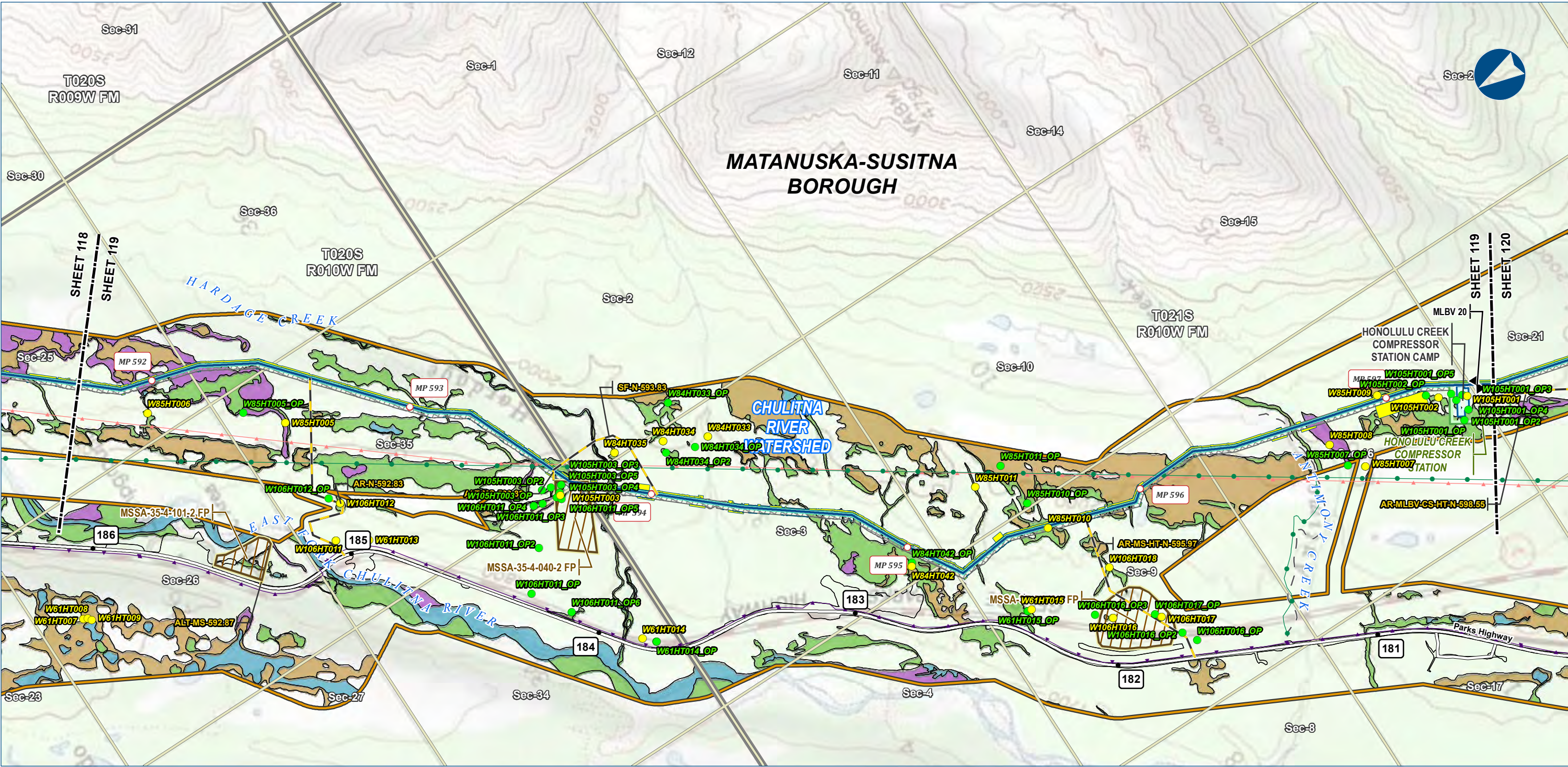
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 118





Alaska LNG Project

**Legend**

**PIPELINE**

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

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- 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
- Compressor Station
- Camp
- 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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

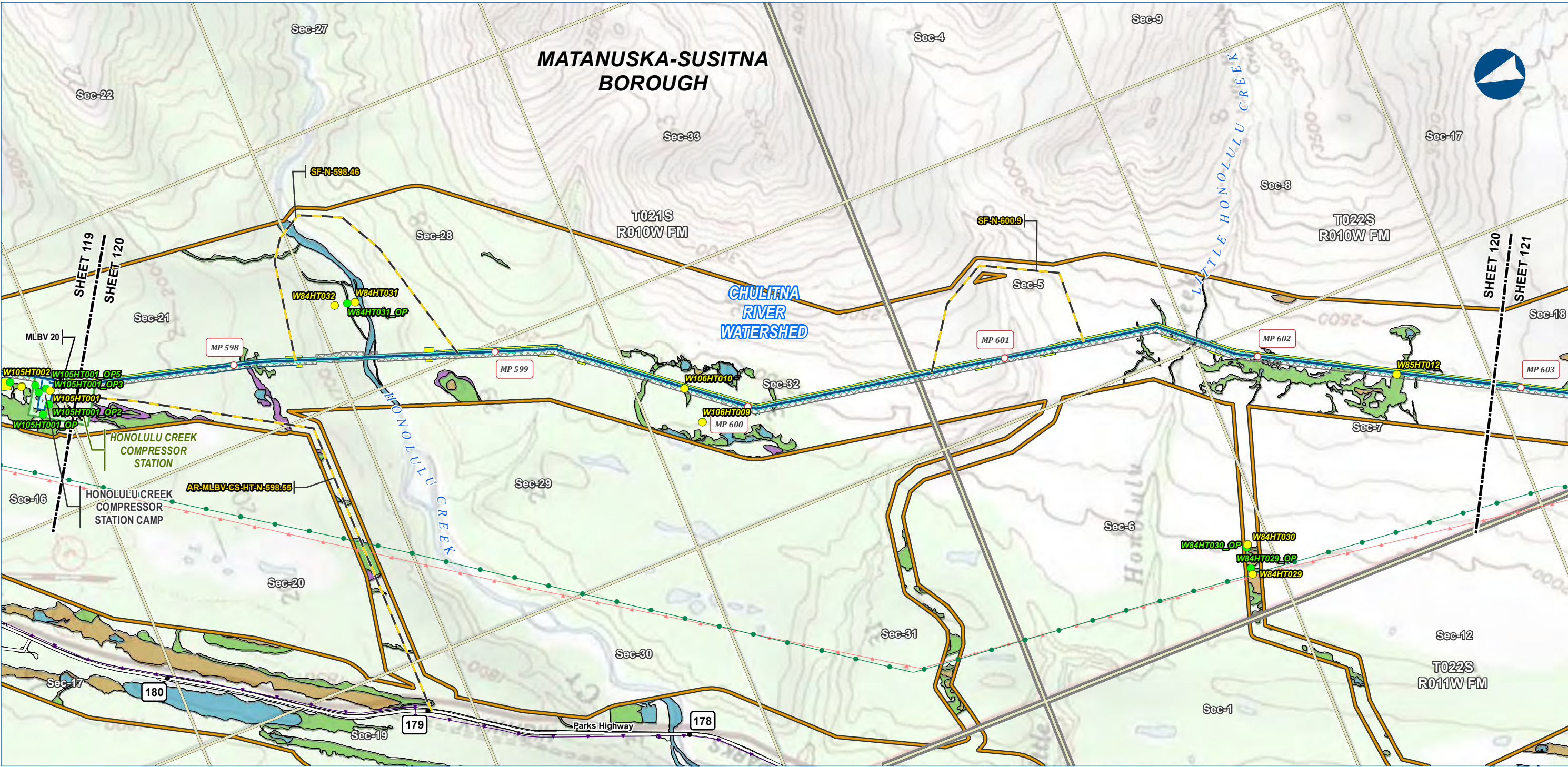
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 119





Alaska LNG Project

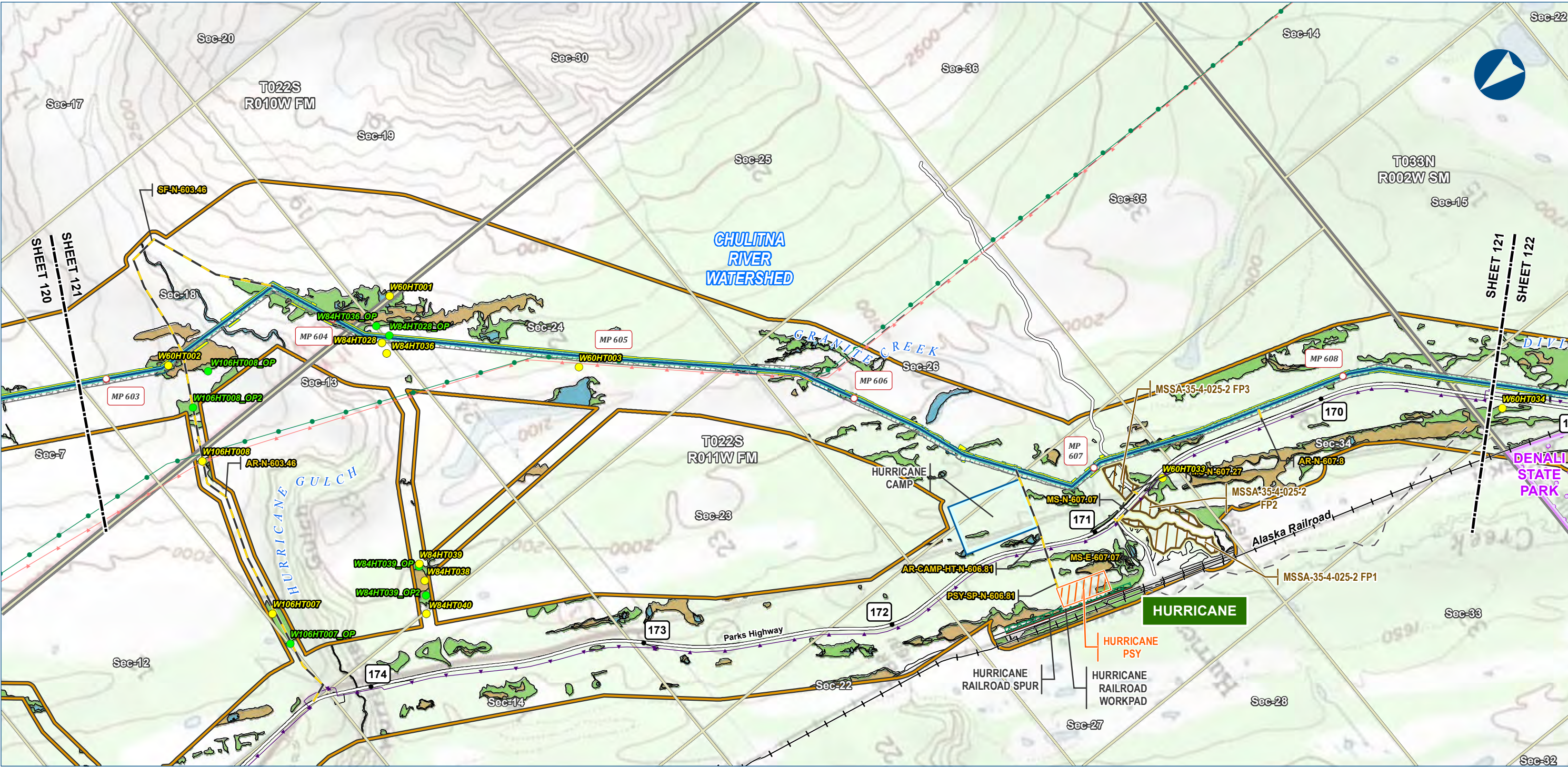
Legend	
<b>PIPELINE</b>	<b>EXISTING FEATURES</b>
Alaska LNG Rev C2 Route	Existing Roads
Access Road - Gravel	Existing Pipeline
Mainline Blockvalve	Buried Cable
	Overhead Powerline
	Section
	Township
	Wetland Mapping Extent
	Wetland Field Verification Location
	Wetland Field Observation Location
	Wetland 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	2017-03-21
PRELIMINARY		
1:24,000	0	1/4 1/2 Miles
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 120





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Railroad
- Off Road Trails
- Existing Pipeline
- Buried Cable
- Overhead Powerline
- 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
- PSS

**Other Features**

- Permanent ROW
- Construction ROW
- ATWS
- Off ROW Camp
- Pipe Storage Yard (PSY)
- Railroad Workpad
- Railroad Spur
- 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.

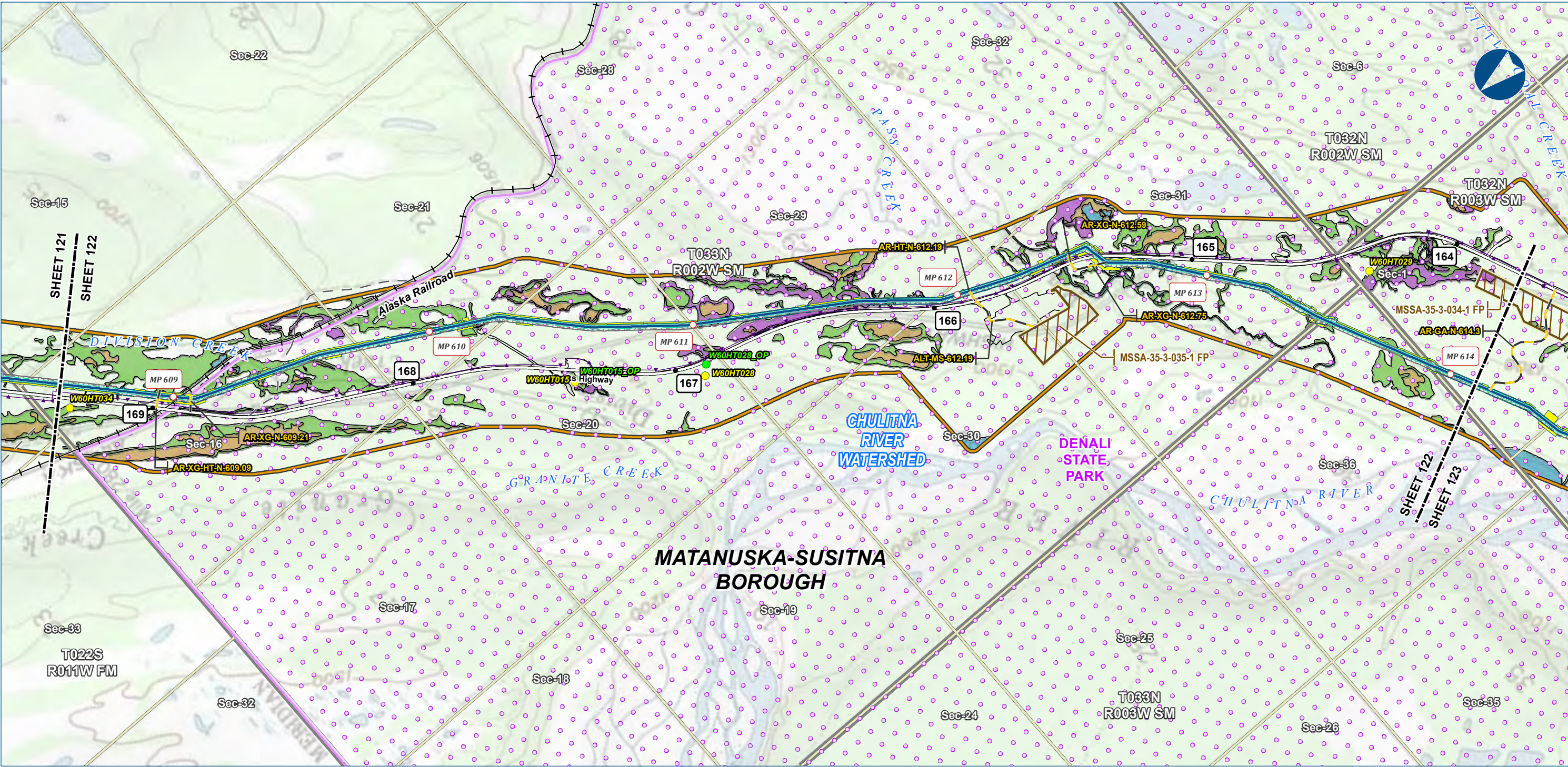
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 121





**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 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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

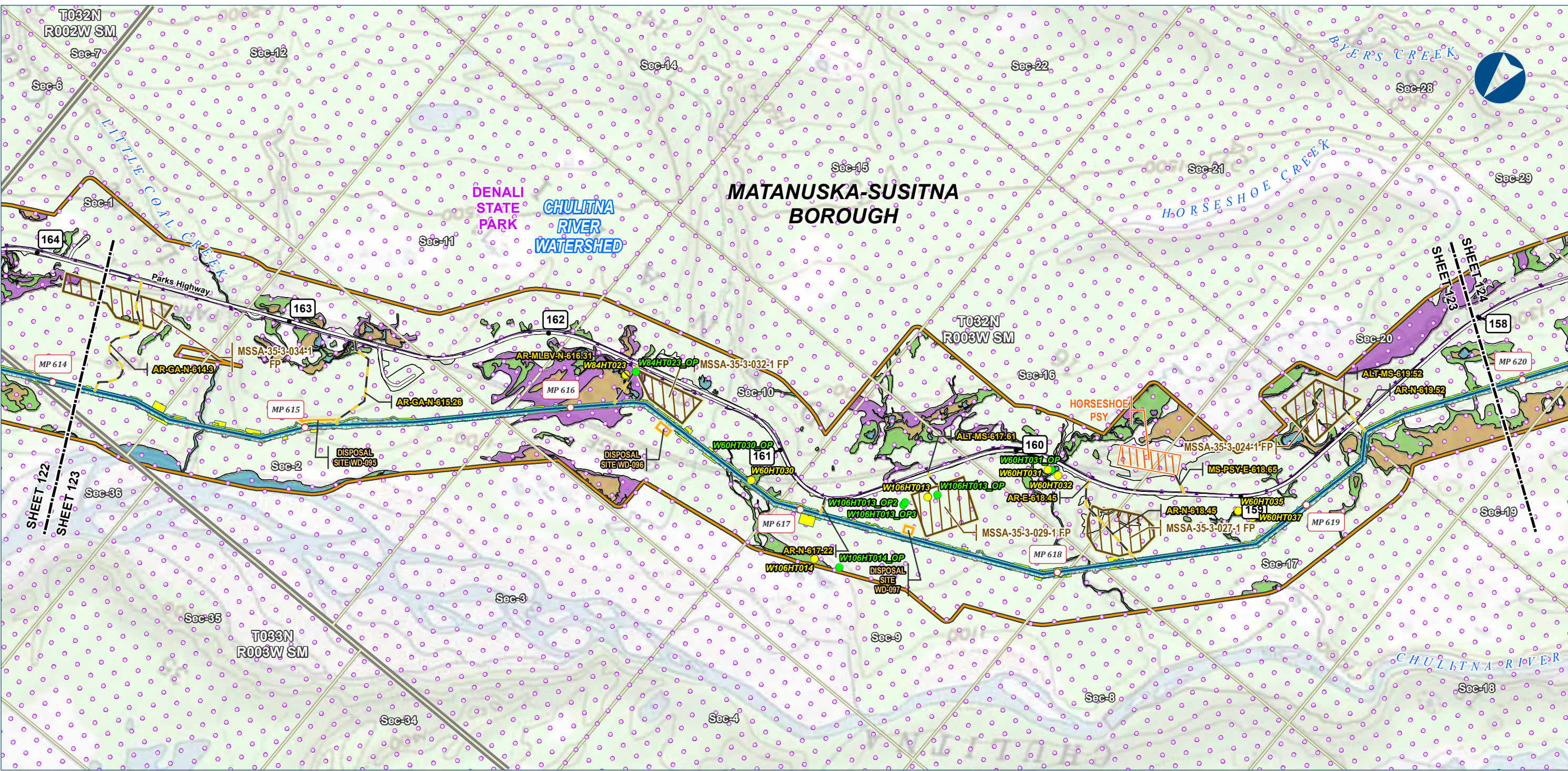
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

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 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
- 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	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

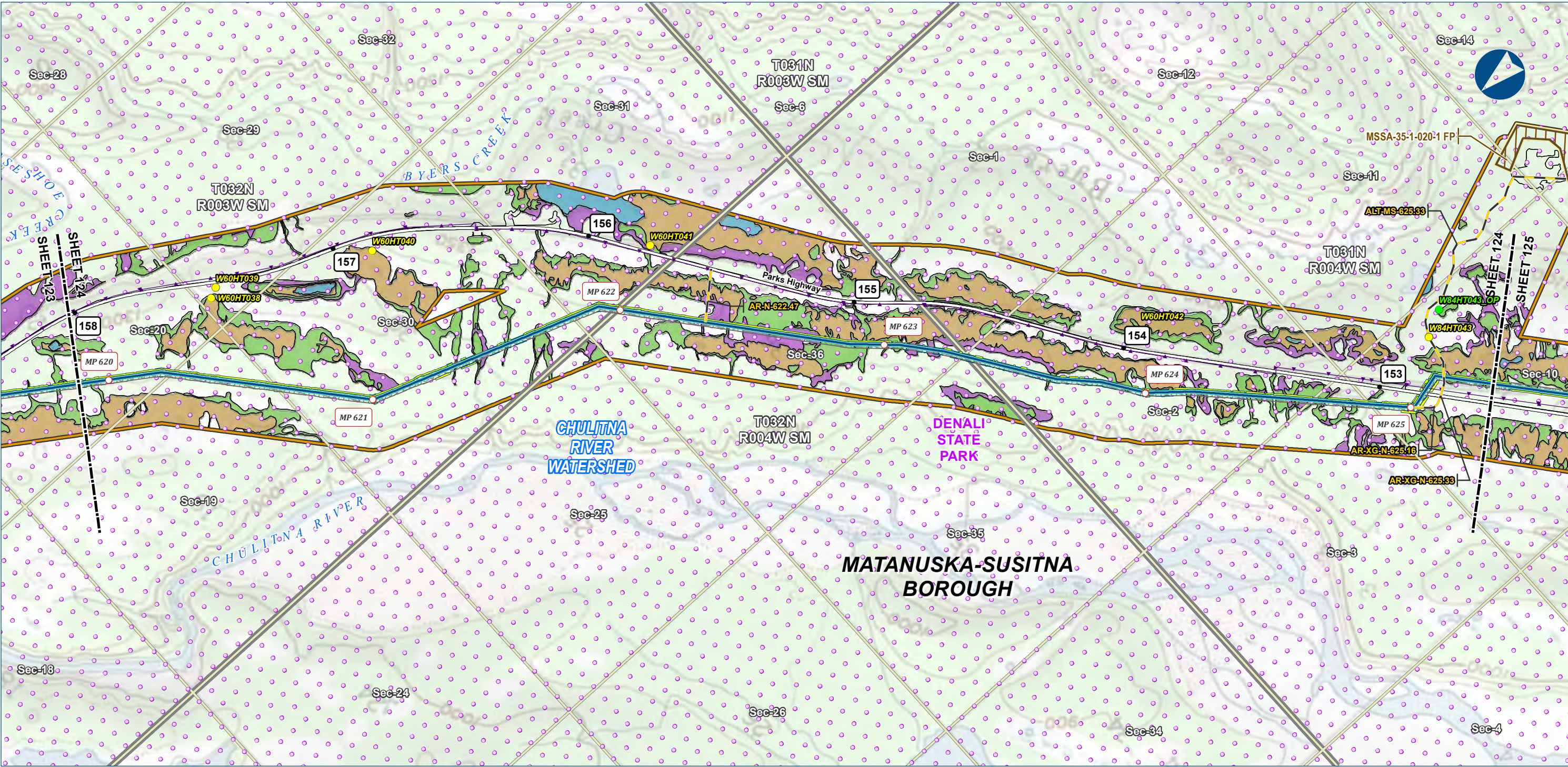
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

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 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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

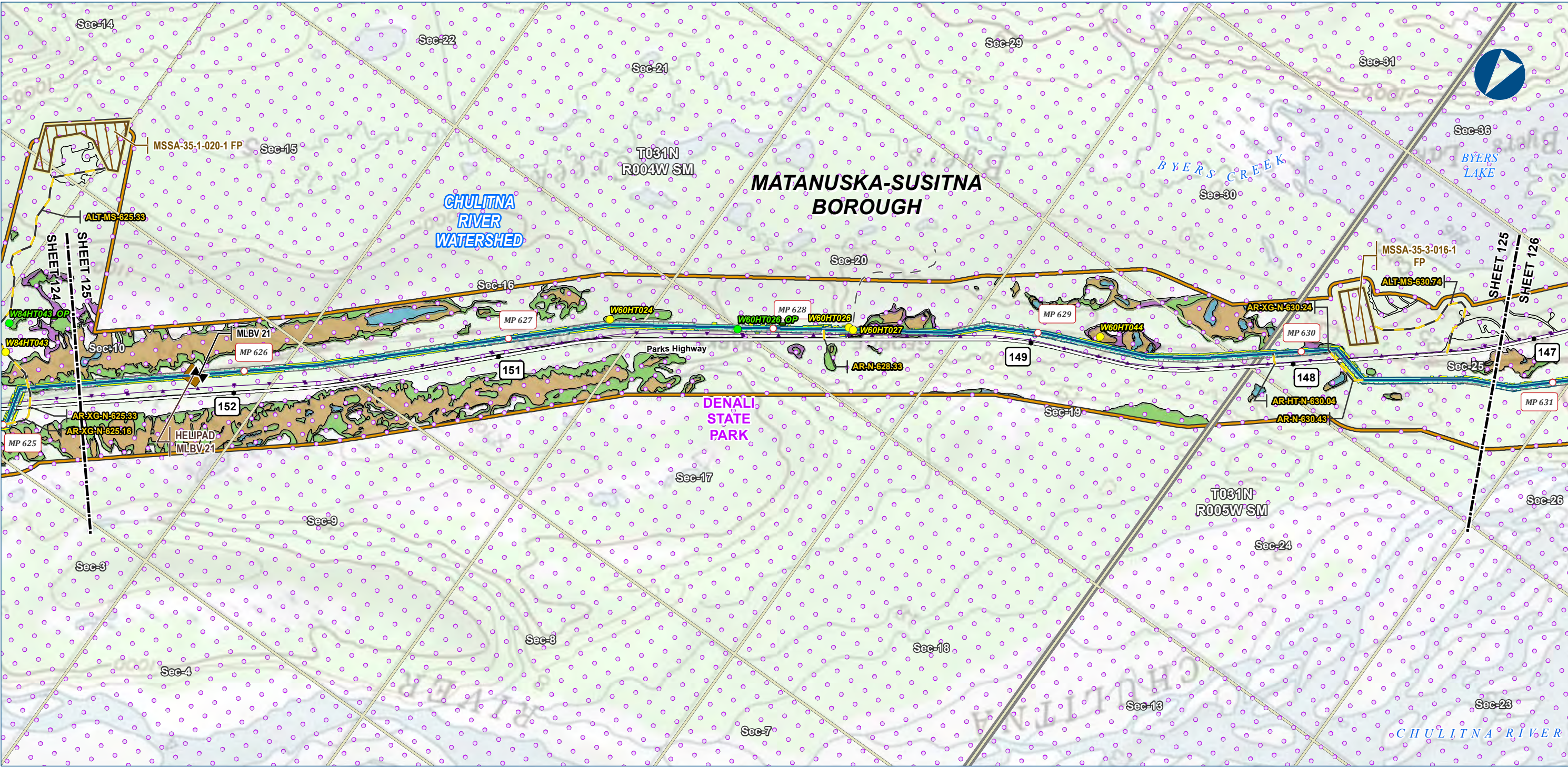
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

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 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
- 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.

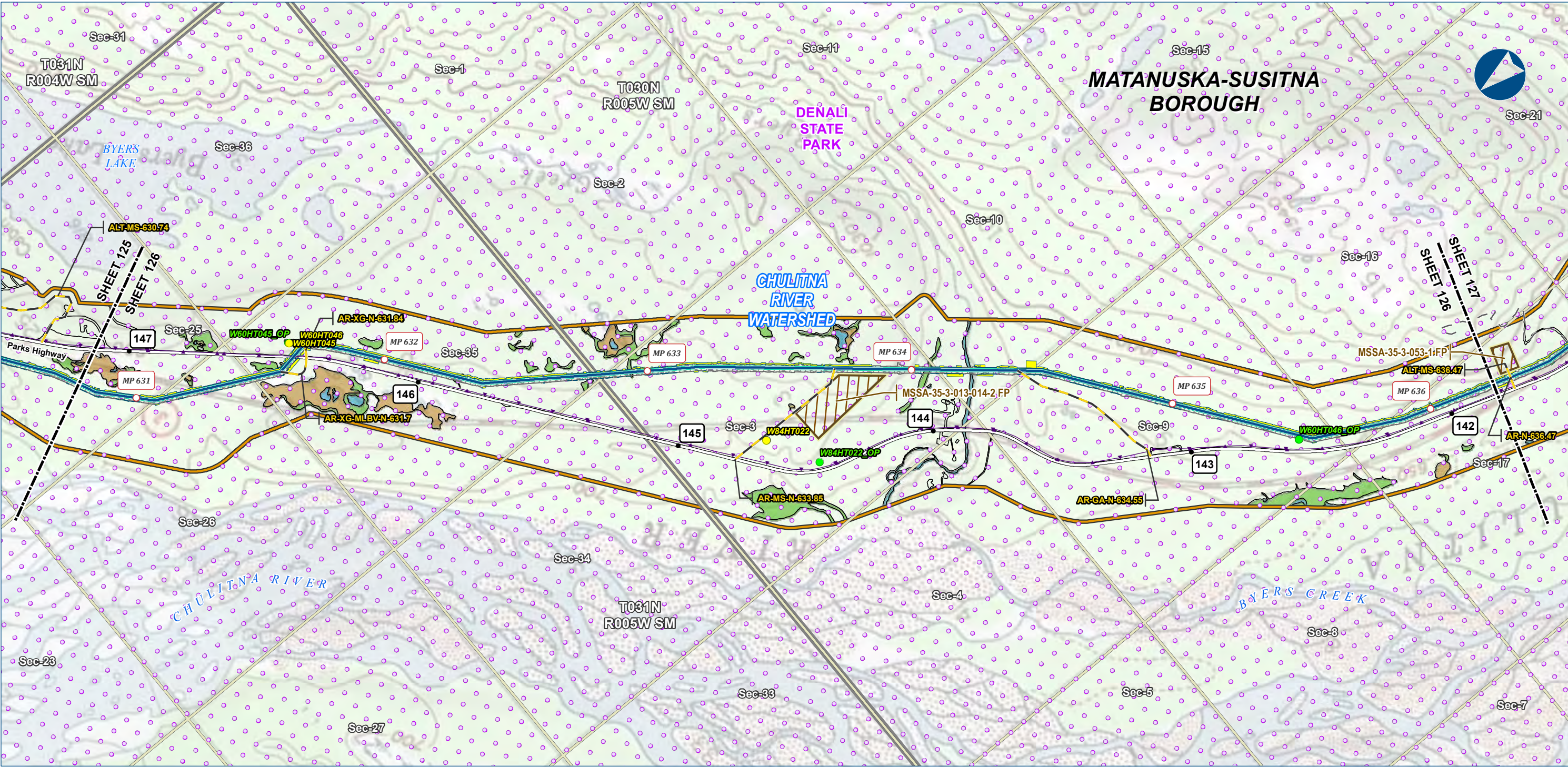
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 125





**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Off Road Trails
- Buried Cable
- 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)**

- 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.

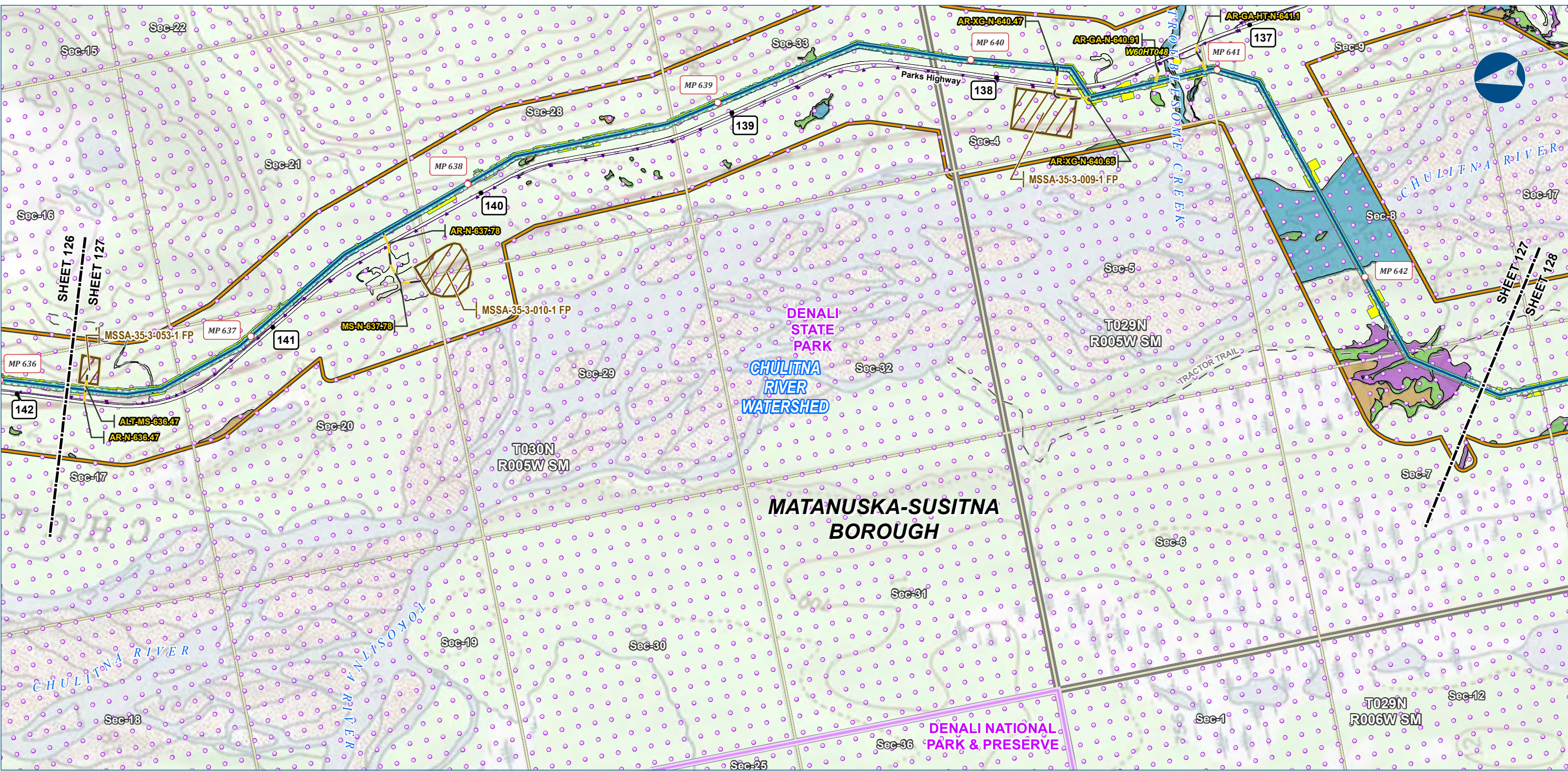
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 126





**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)**

- 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.

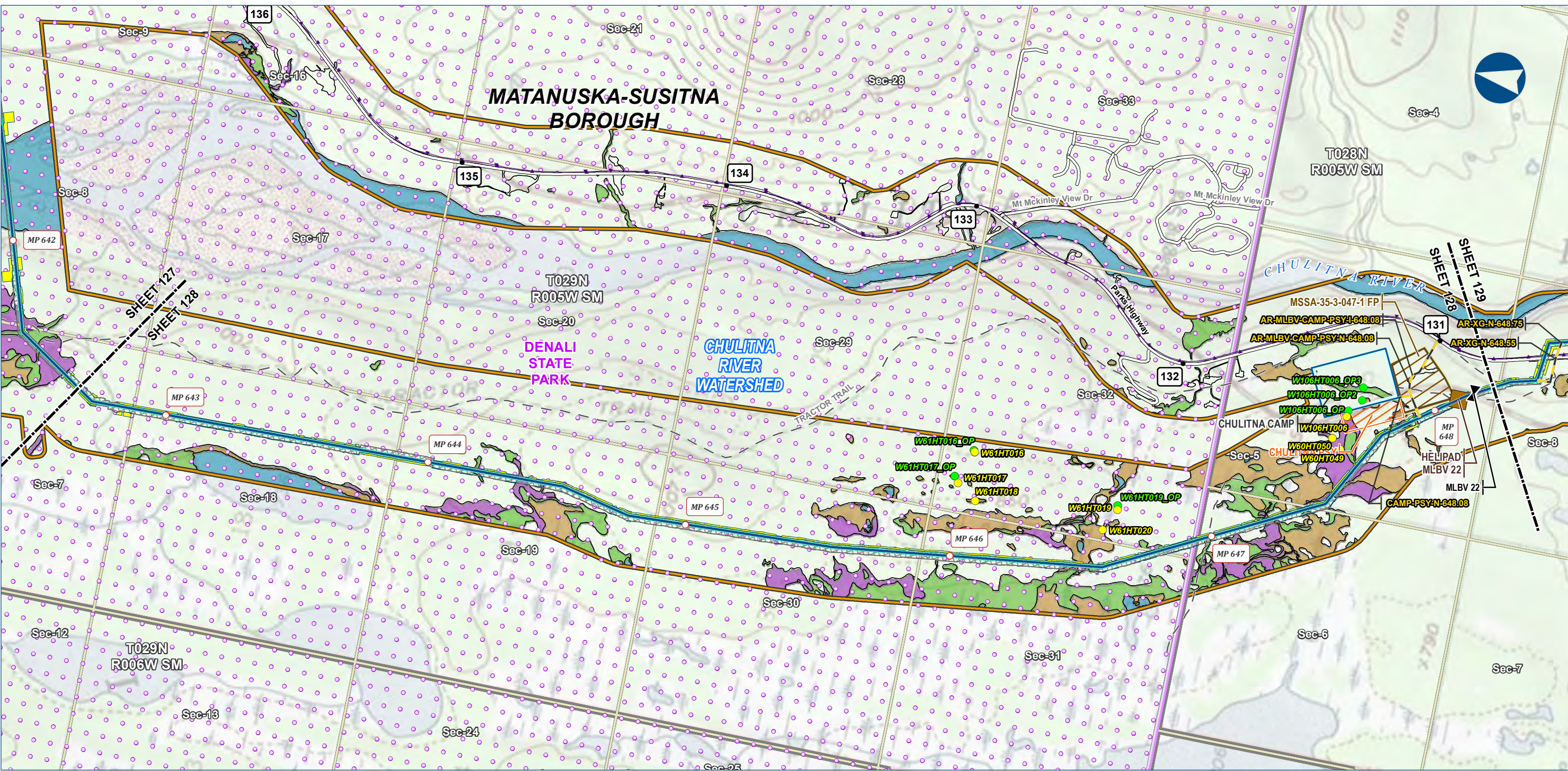
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NRSR2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 127





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 Mapping Extent**

- Wetland Field Verification Location
- Wetland Field Observation Location

**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.

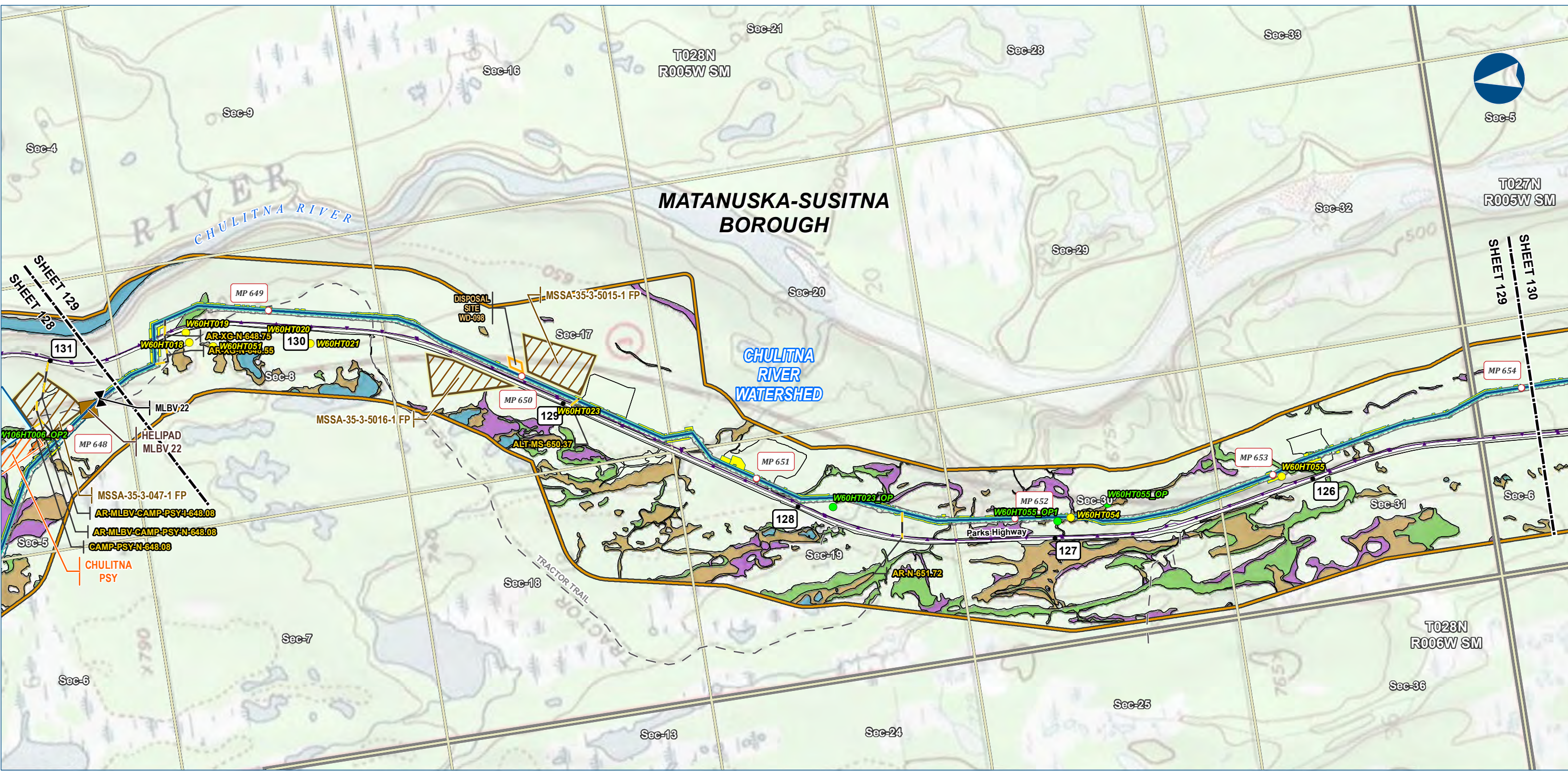
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 128





Alaska LNG Project

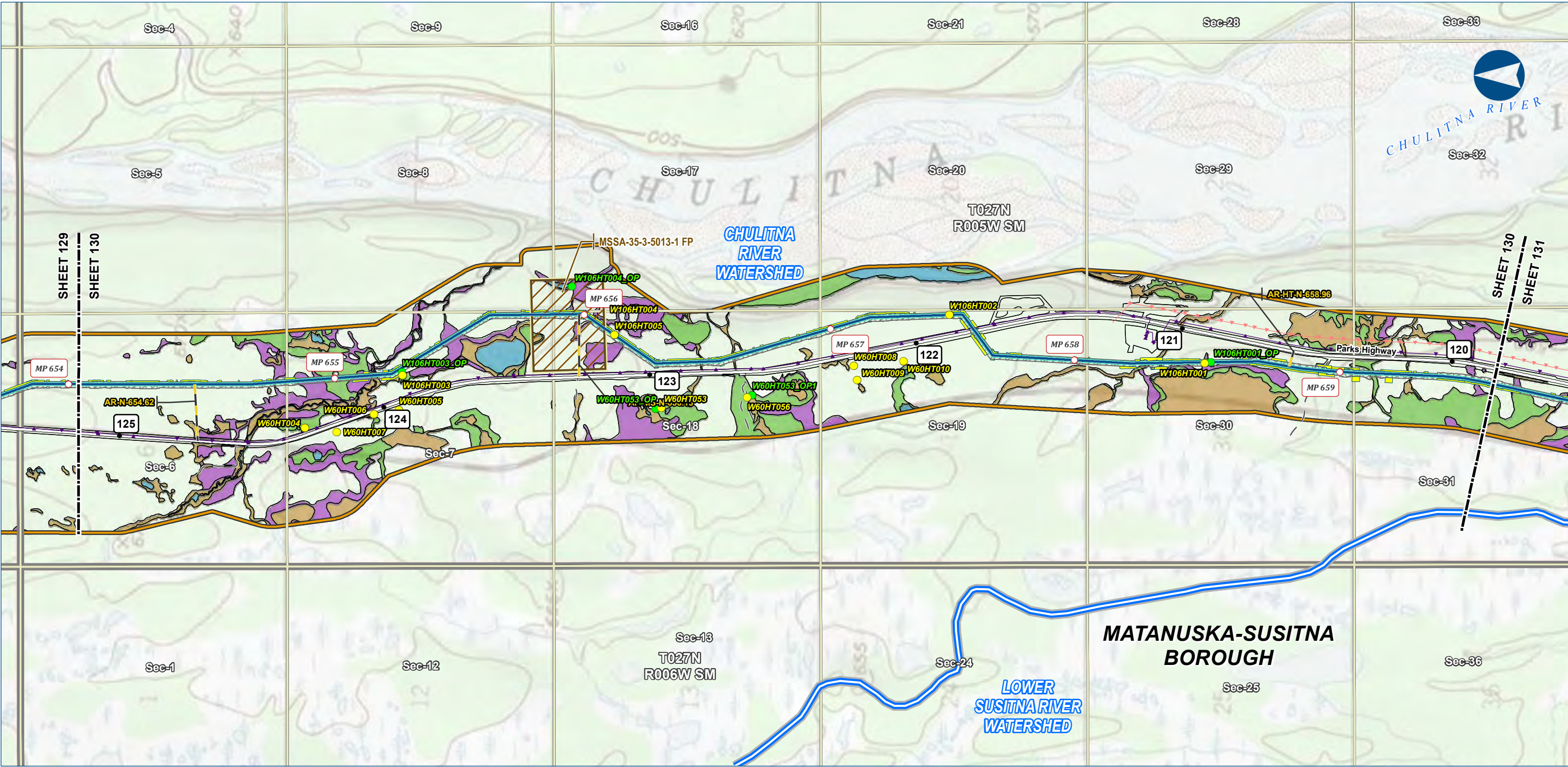
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
  - Mainline Blockvalve
  - Helipad
- EXISTING FEATURES**
- Existing Roads
  - Off Road Trails
  - Buried Cable
  - Section
  - Township
- Wetland Mapping Extent**
- Wetland Field Verification Location
  - Wetland Field Observation 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	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_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	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

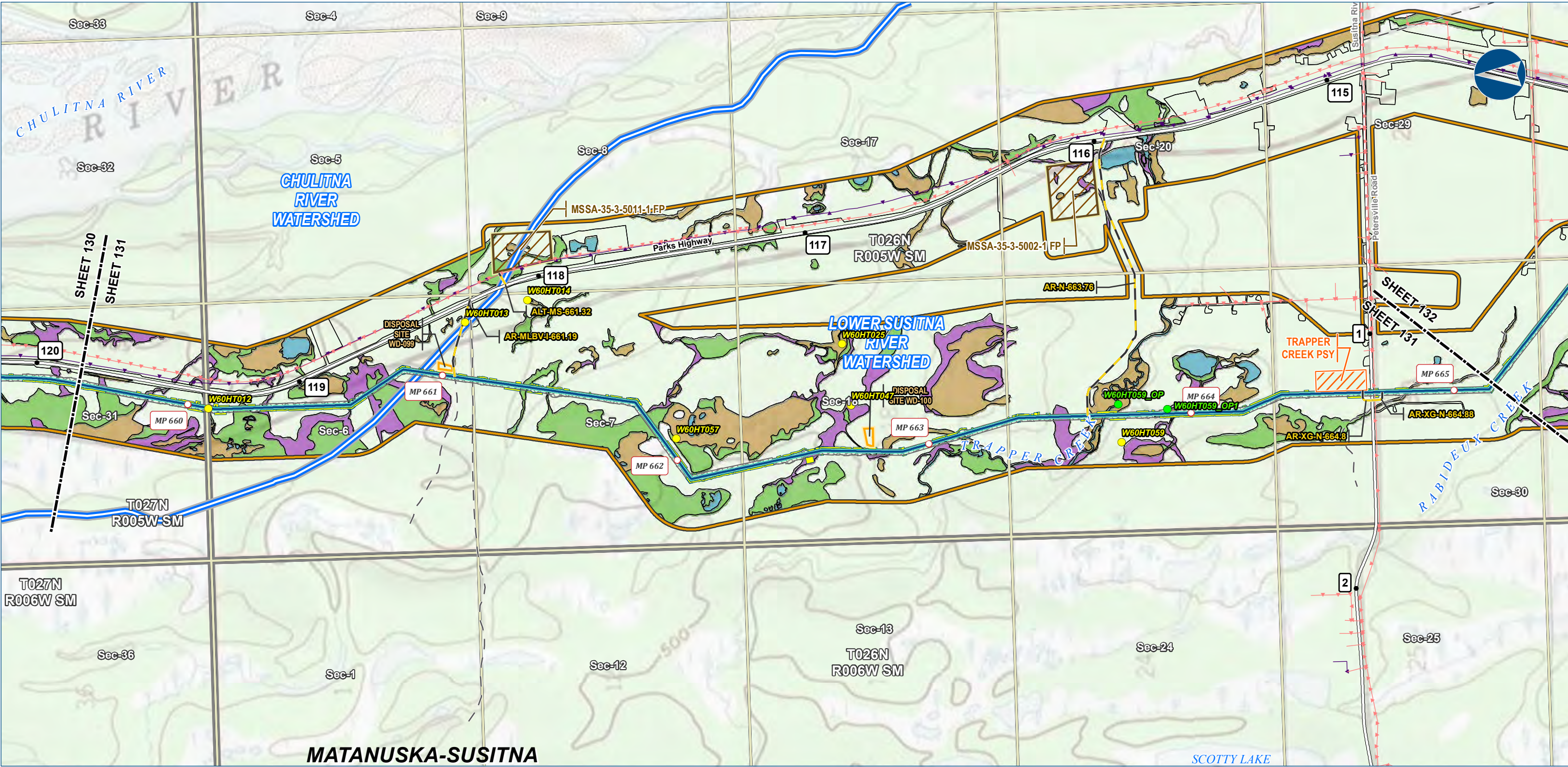
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

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.

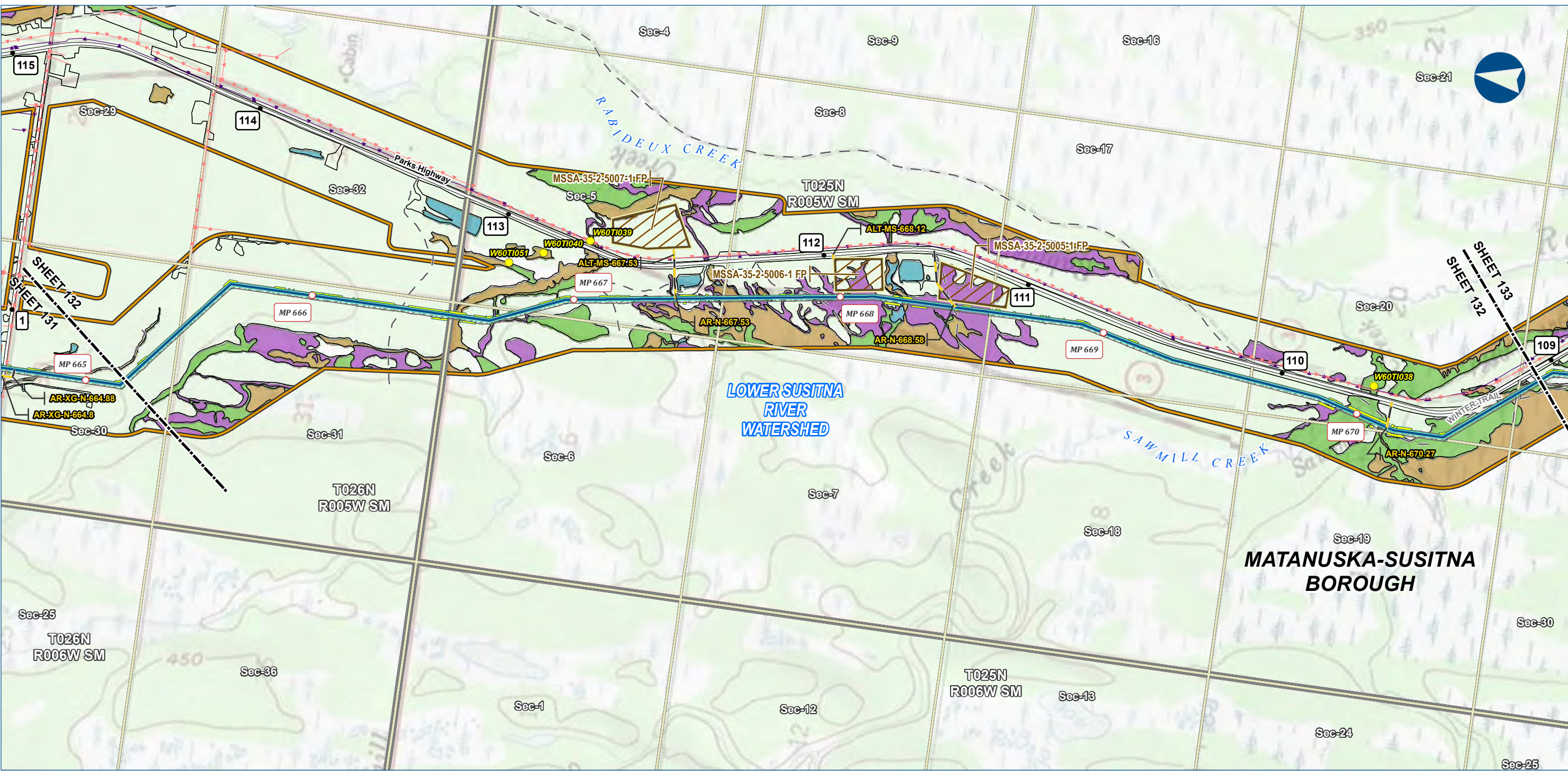
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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 Mapping Extent**

- Wetland Field Verification Location
- Wetland Area (areas not colored are uplands)
- Open Water
- PEM
- 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		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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)

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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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

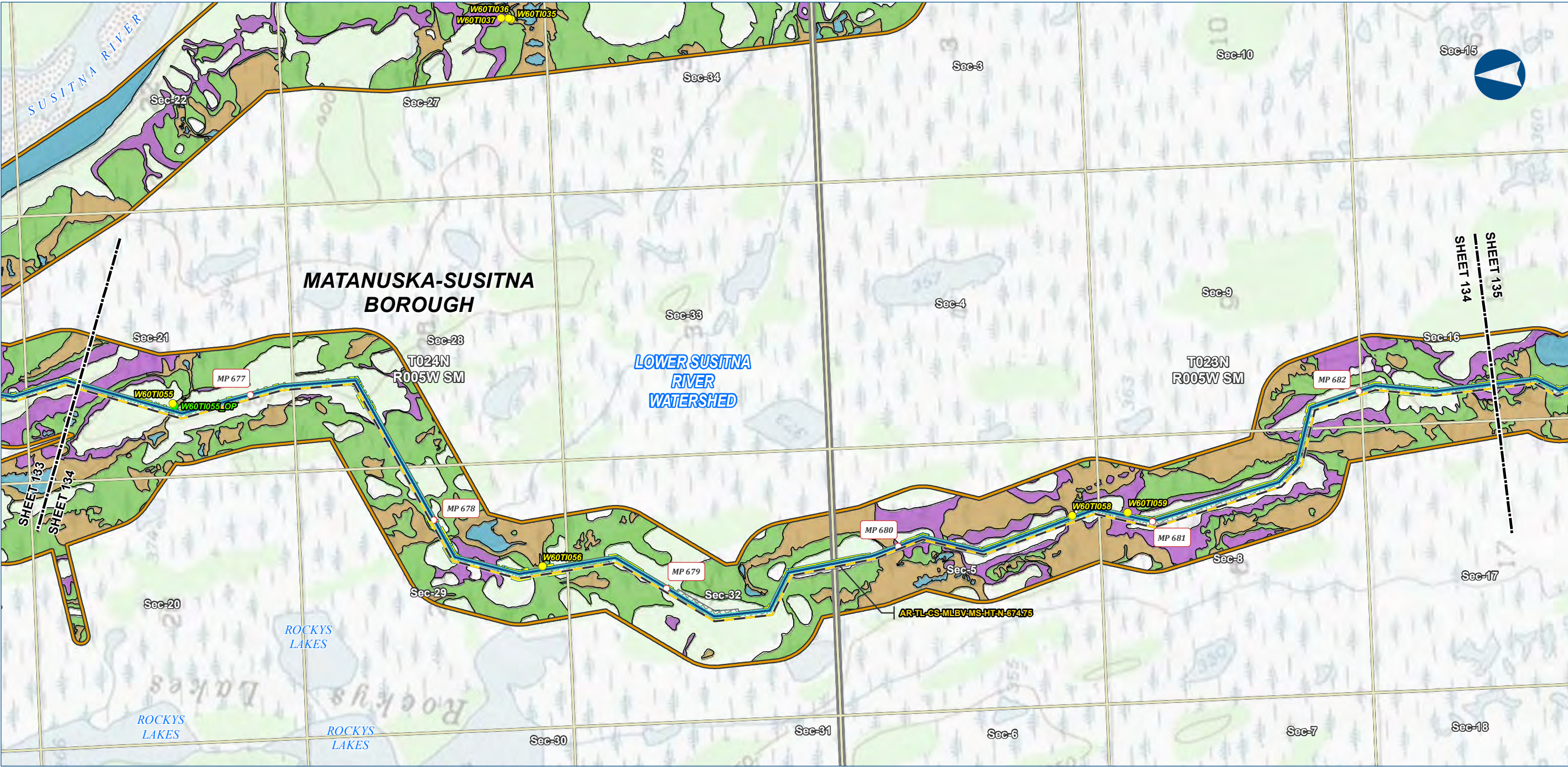
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 133





Alaska LNG Project

**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

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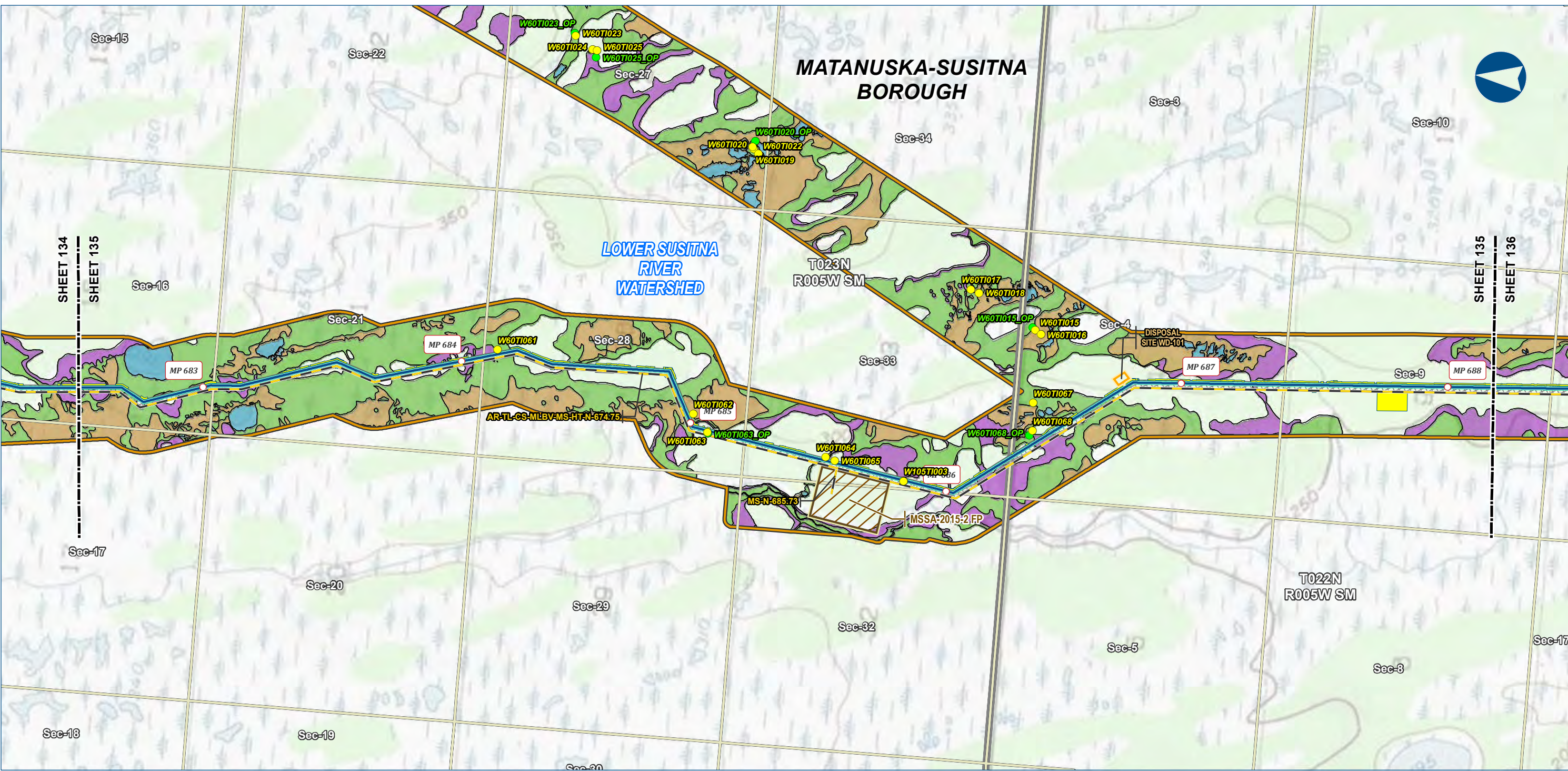
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

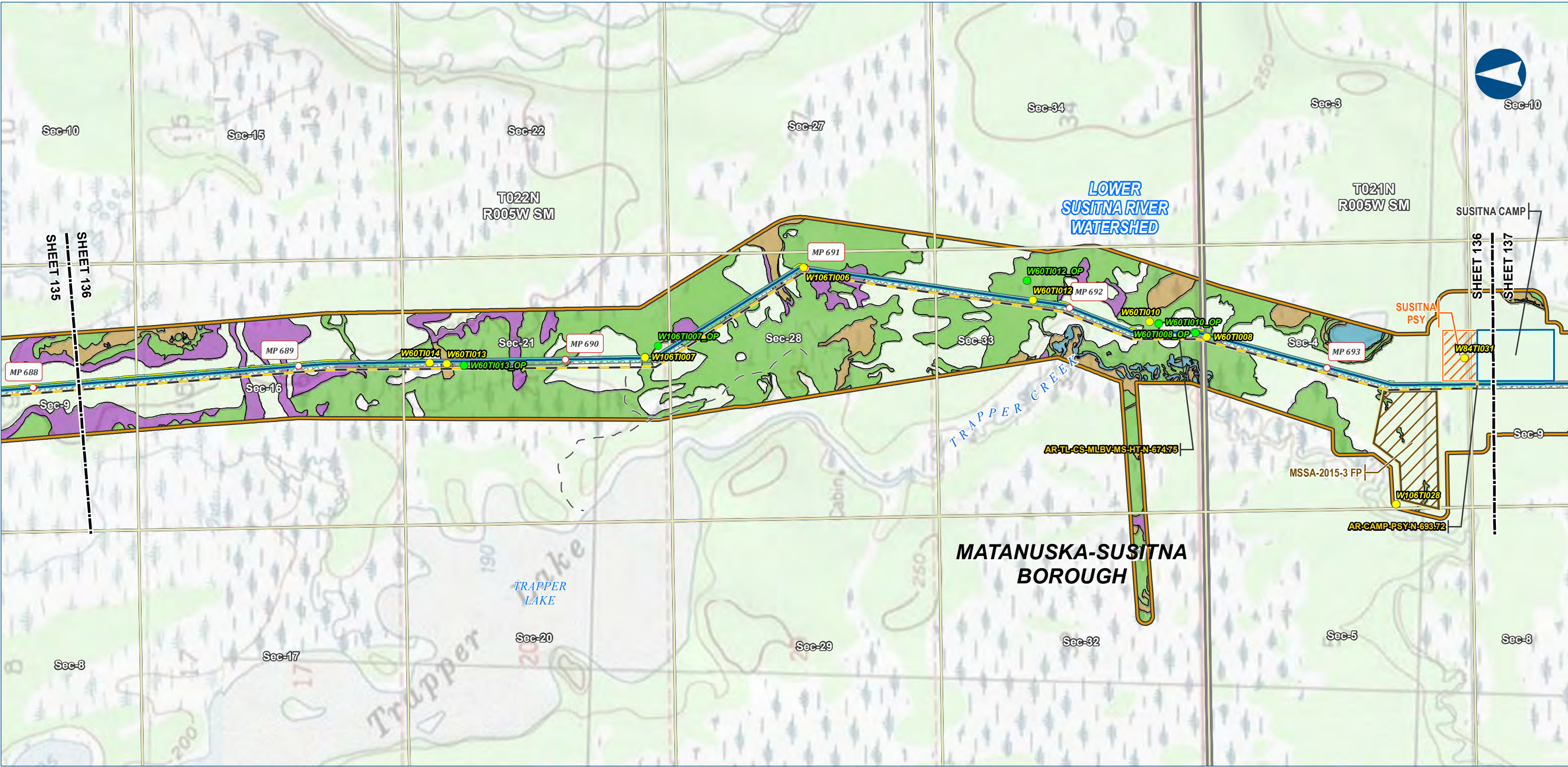
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 135





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.

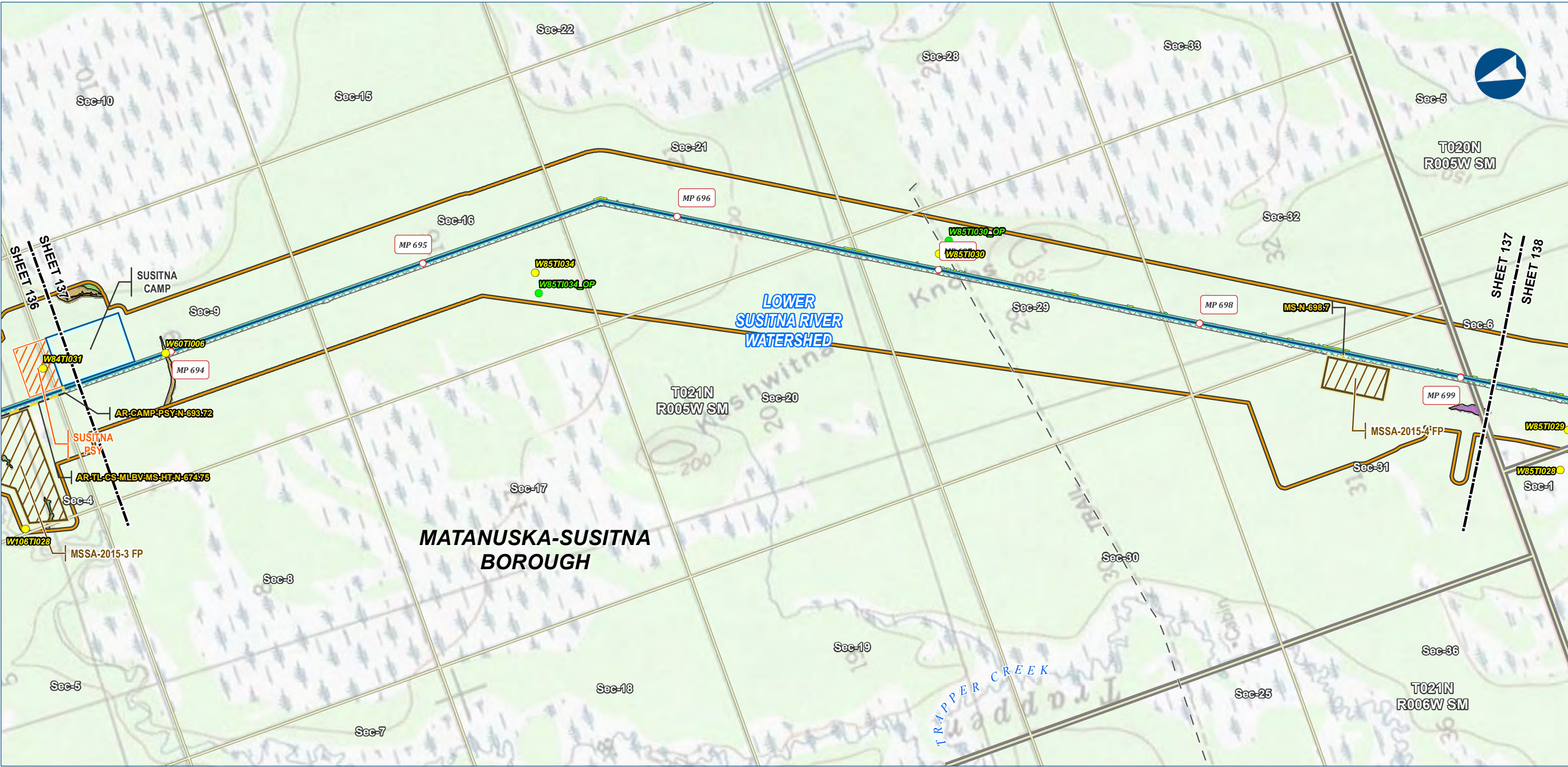
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 136





**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

**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.

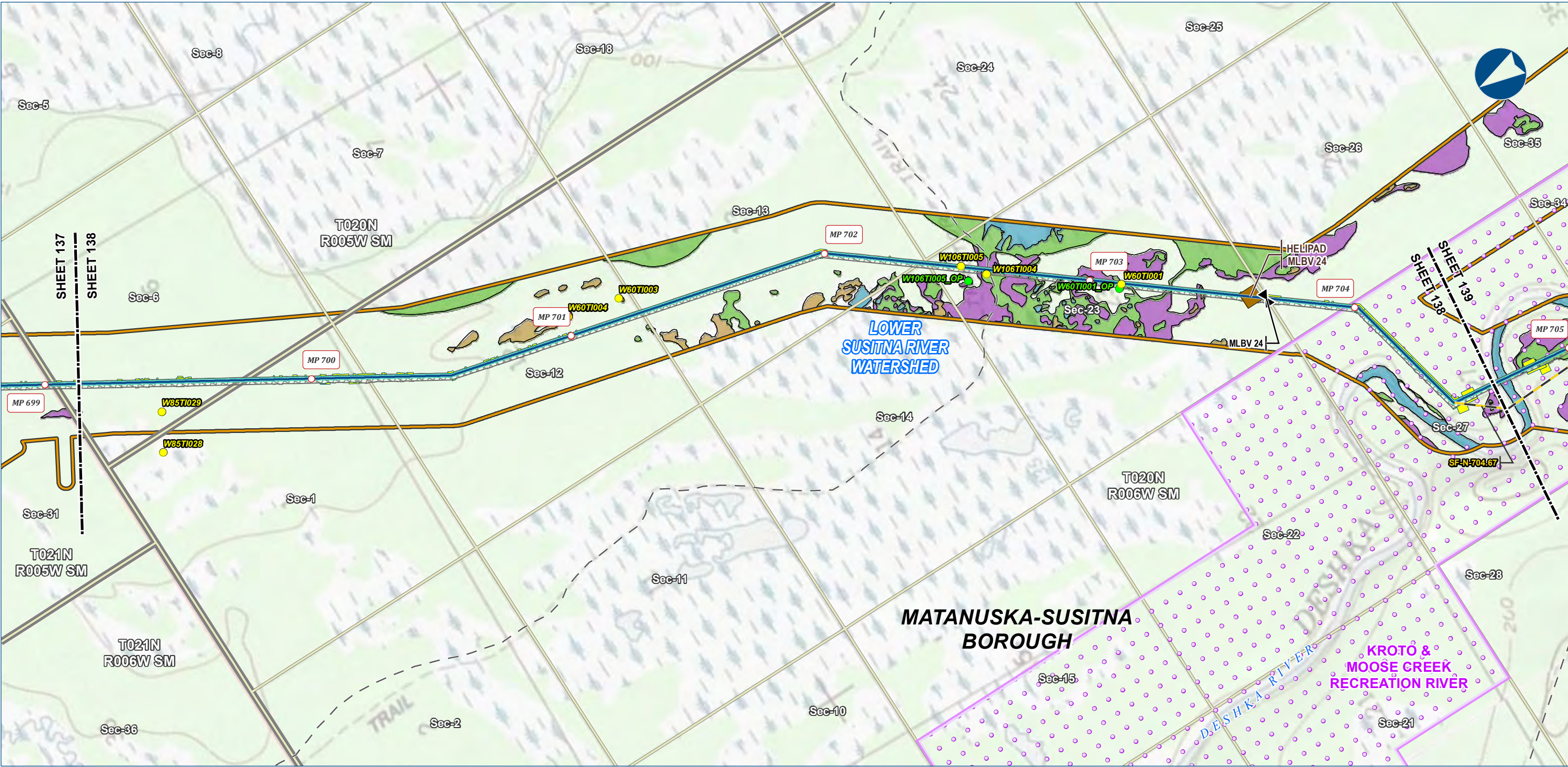
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 137





- Legend**

**PIPELINE**

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

  - Permanent ROW
  - Construction ROW
  - ATWS
  - 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

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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

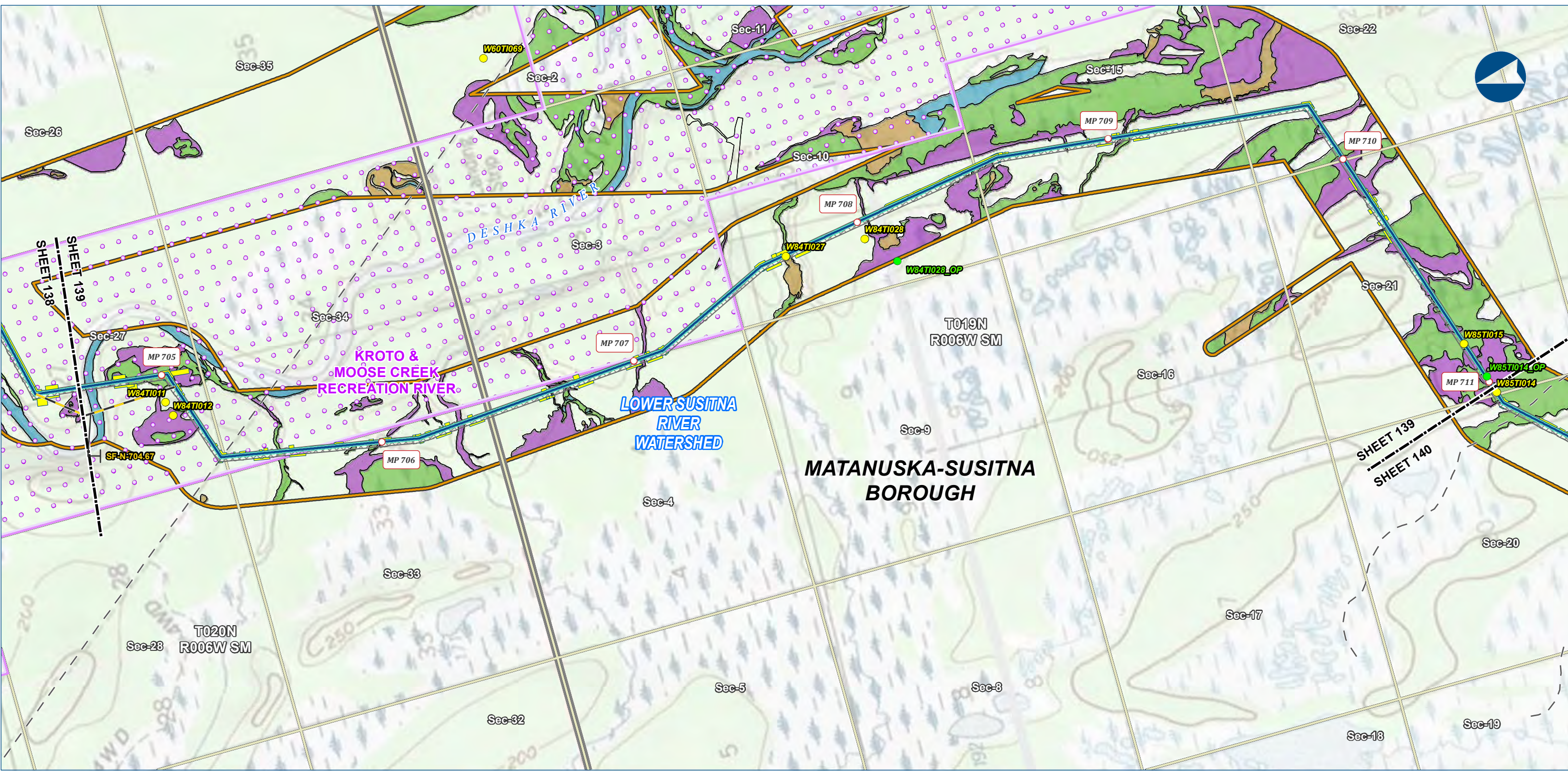
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 138





Alaska LNG Project

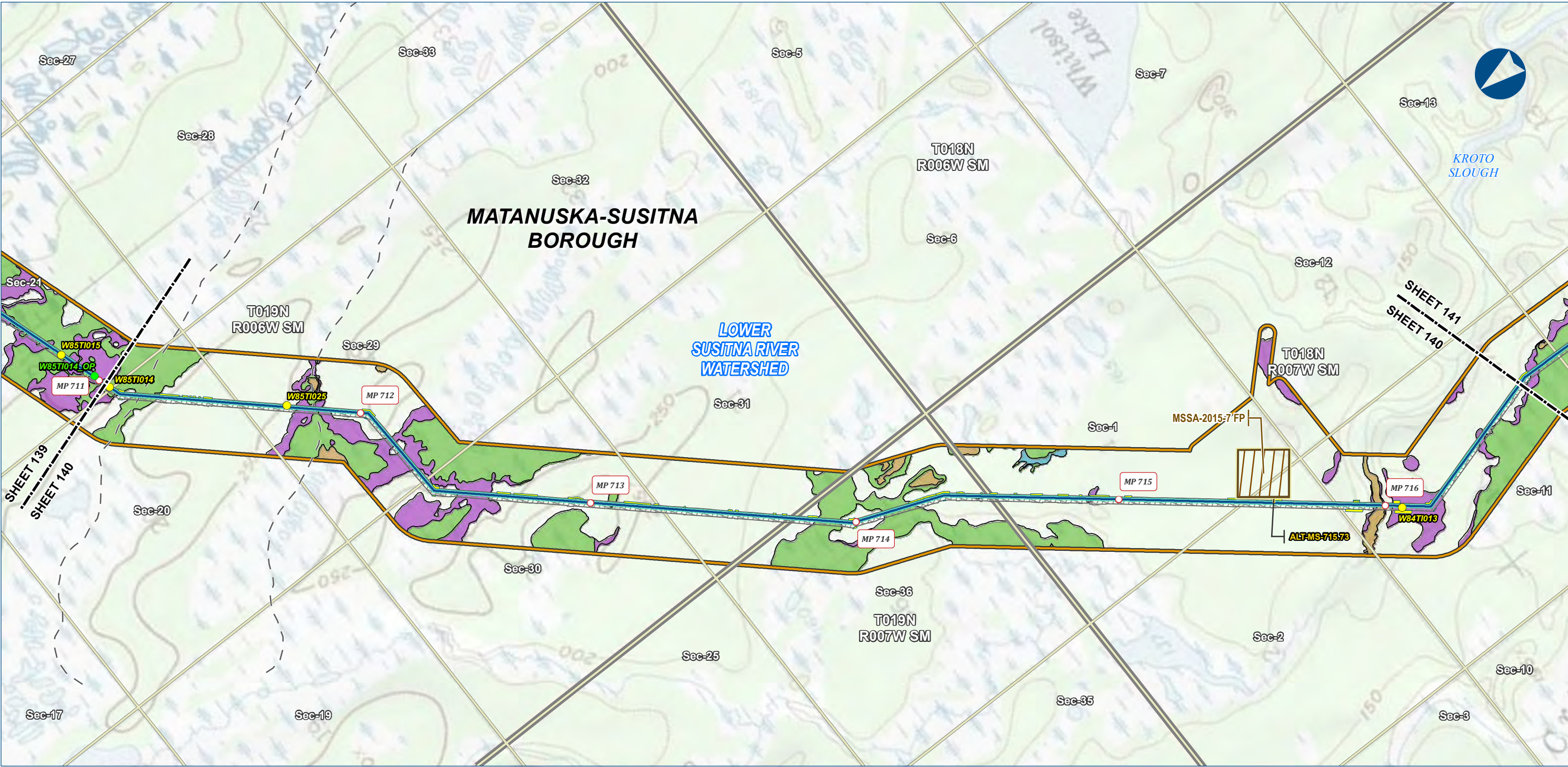
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Existing Roads
  - Off Road Trails
  - Conservation Lands
  - Section
  - Township
- Wetland Mapping Extent**
- Wetland Field Verification Location
  - Wetland Field Observation Location
- Wetland Area (areas not colored are uplands)**
- Open Water
  - PEM
  - PFO
  - PSS
- 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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 139





Alaska LNG Project

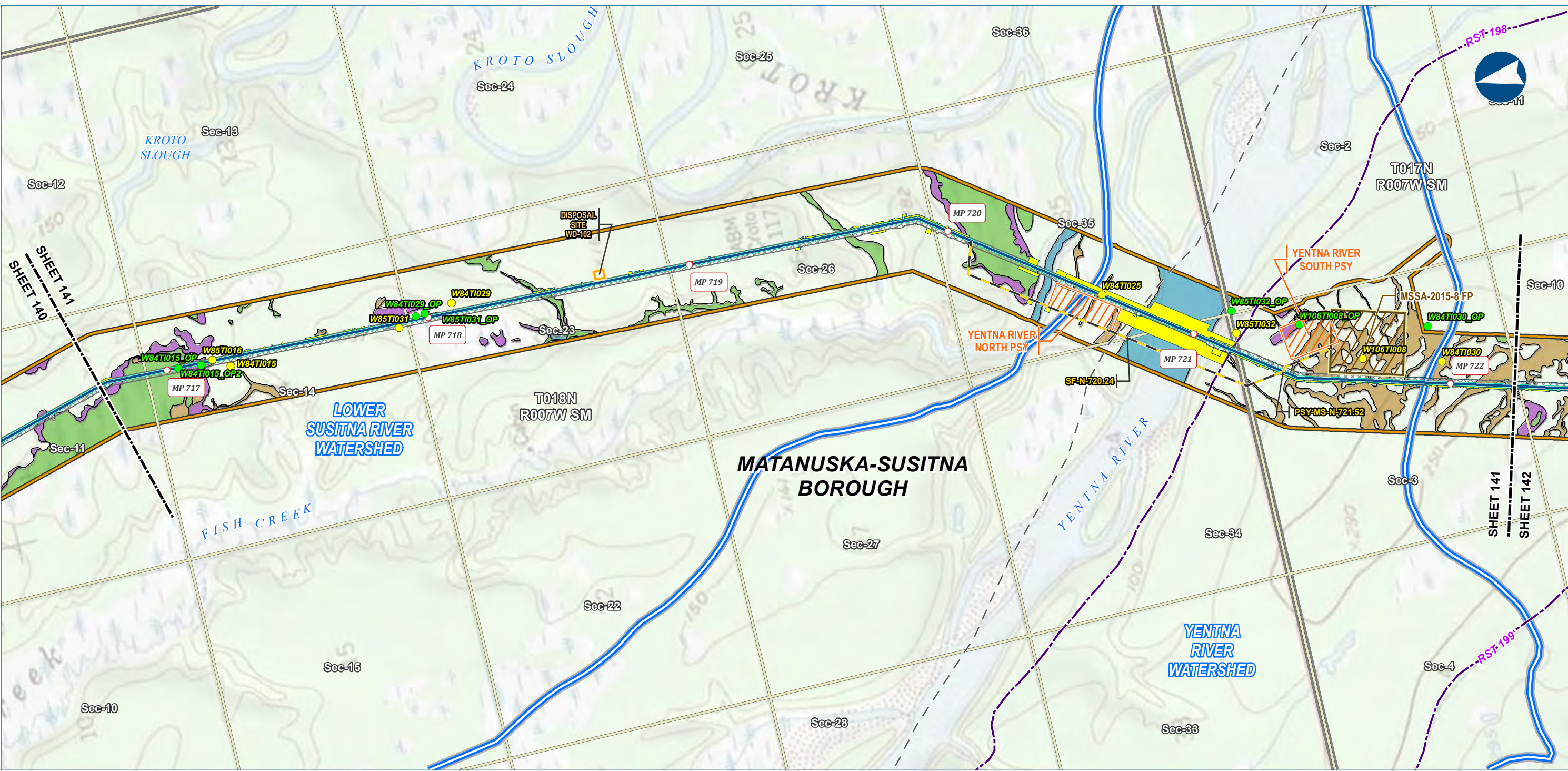
- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
  - Access Road - Gravel
- EXISTING FEATURES**
- Existing Roads
  - Off Road Trails
  - Section
  - Township
- Wetland Mapping Extent**
- Wetland Field Verification Location
  - Wetland Field Observation Location
- Wetland Area (areas not colored are 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
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REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 140





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route
- Access Road - Gravel

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- 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
- PFO
- PSS

**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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

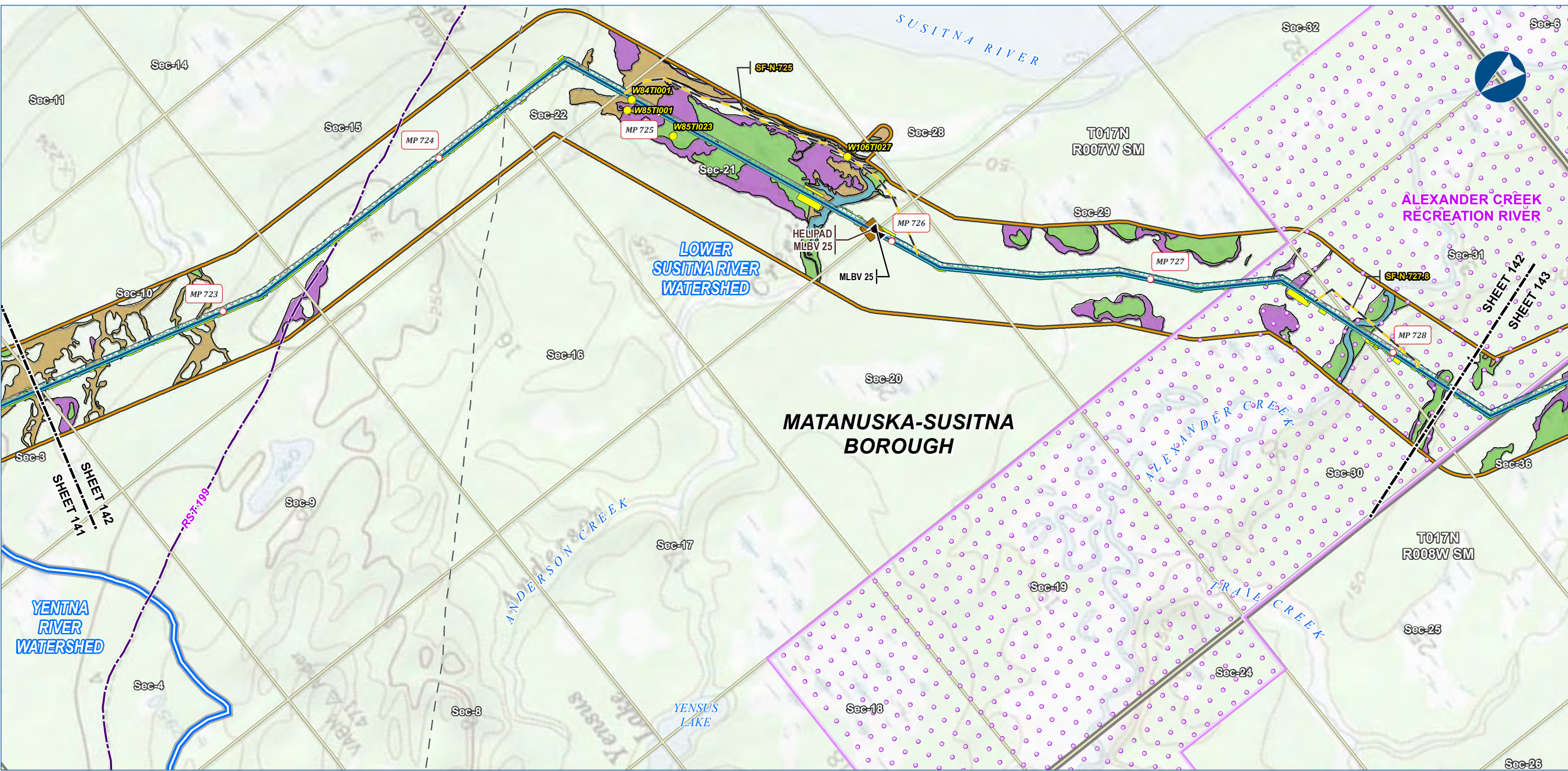
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 141





**Legend**

**PIPELINE**

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

**PERMANENT ROW**

- Permanent ROW
- Construction ROW
- ATWS

**EXISTING FEATURES**

- Existing Roads
- Revised Statute 2477 Trail
- Off Road Trails
- Conservation Lands
- 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
- 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.

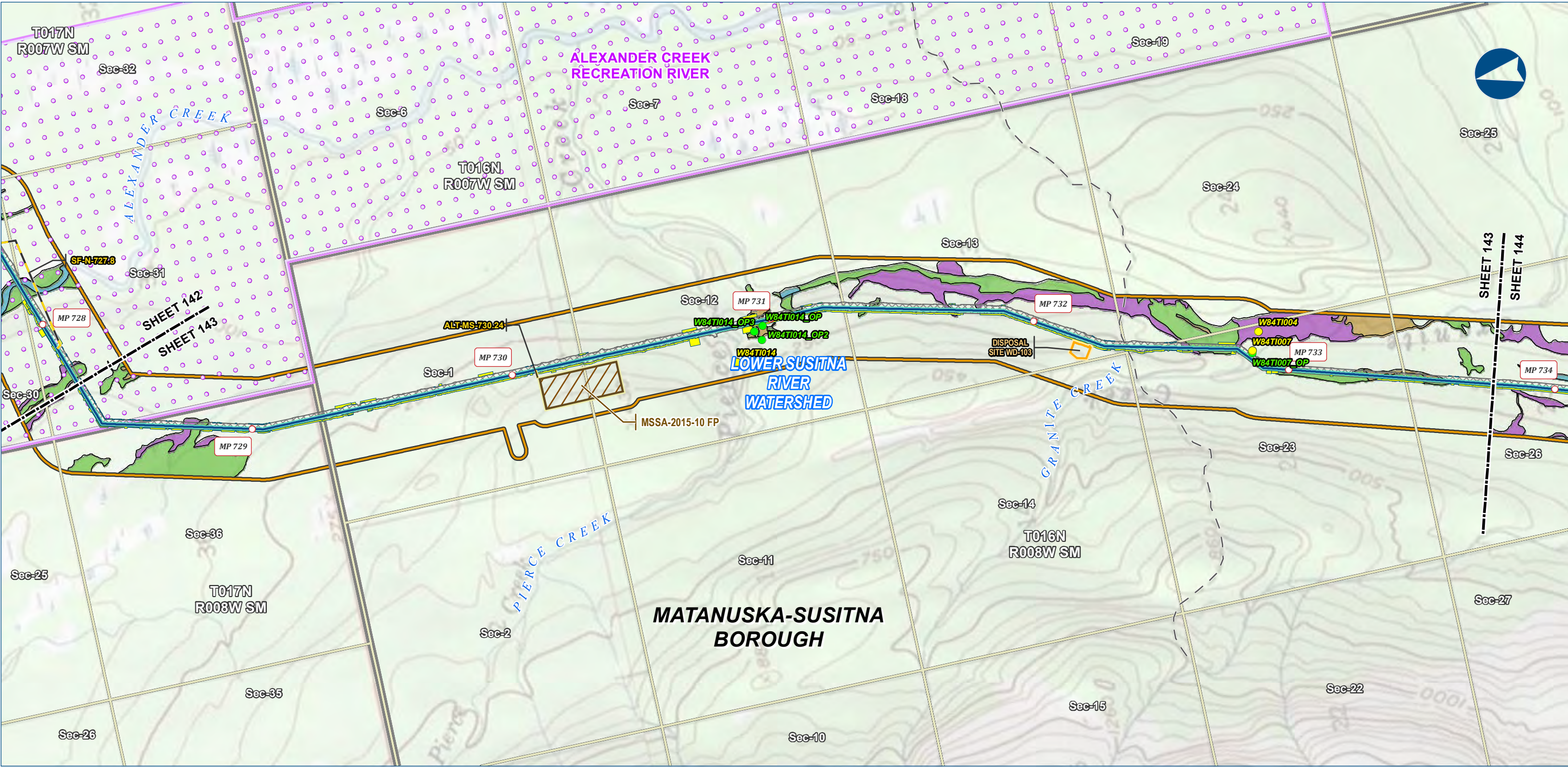
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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.

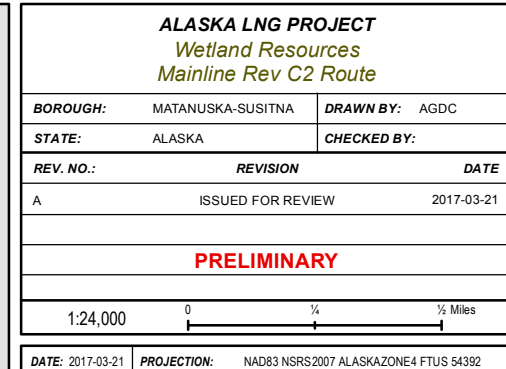
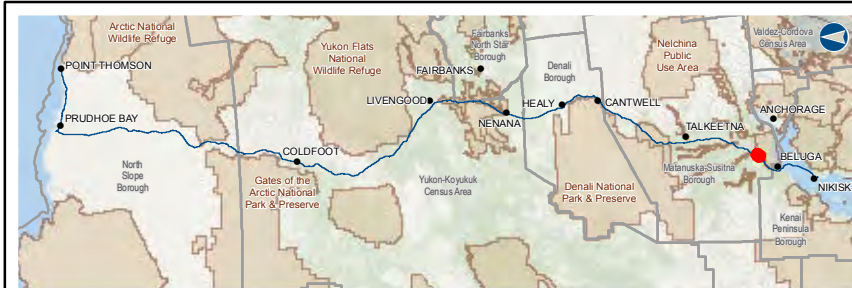
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 143

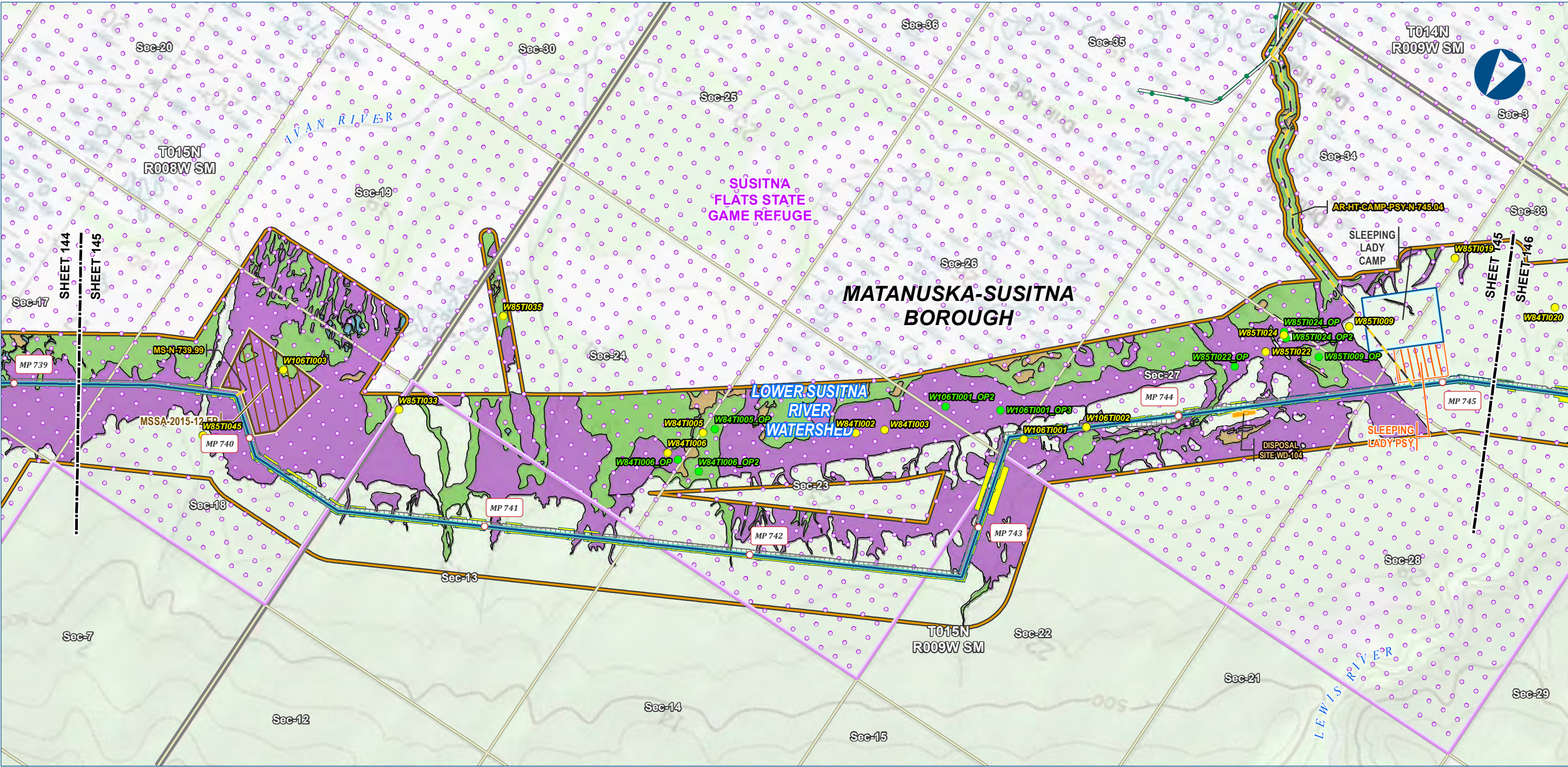




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<b>DWG:</b> RR2_APPENDIX F1_MAINLINE_TOPO_REV C2 CL	<b>SHEET:</b> 144
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**Legend**

**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.

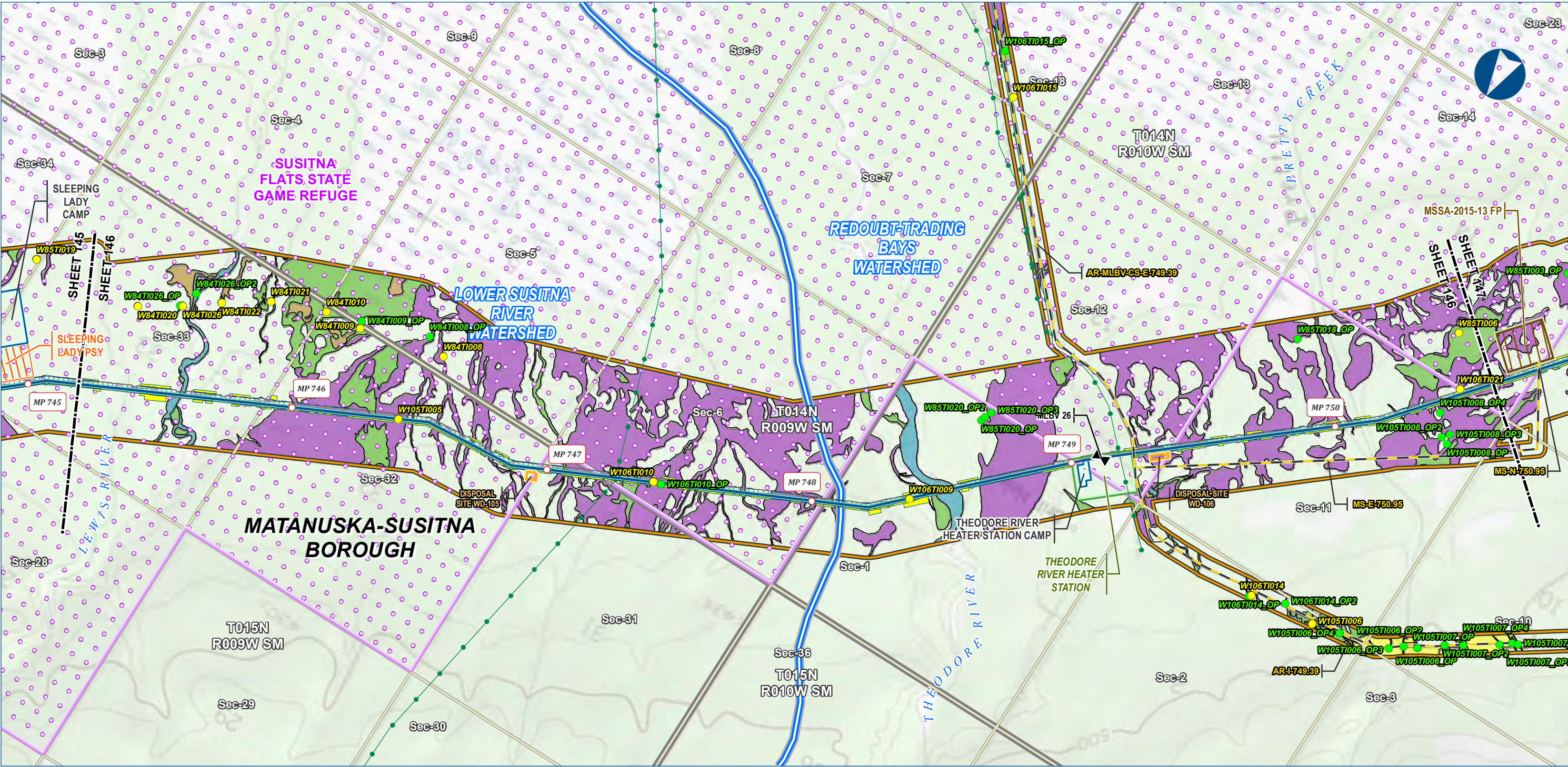
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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 Mapping Extent**

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

**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**

<b>BOROUGH:</b>	MATANUSKA-SUSITNA	<b>DRAWN BY:</b>	AGDC
<b>STATE:</b>	ALASKA	<b>CHECKED BY:</b>	
<b>REV. NO.:</b>	<b>REVISION</b>	<b>DATE</b>	
A	ISSUED FOR REVIEW	2017-03-21	

**PRELIMINARY**

1:24,000

0 1/4 1/2 Miles

<b>DATE:</b>	2017-03-21	<b>PROJECTION:</b>	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392
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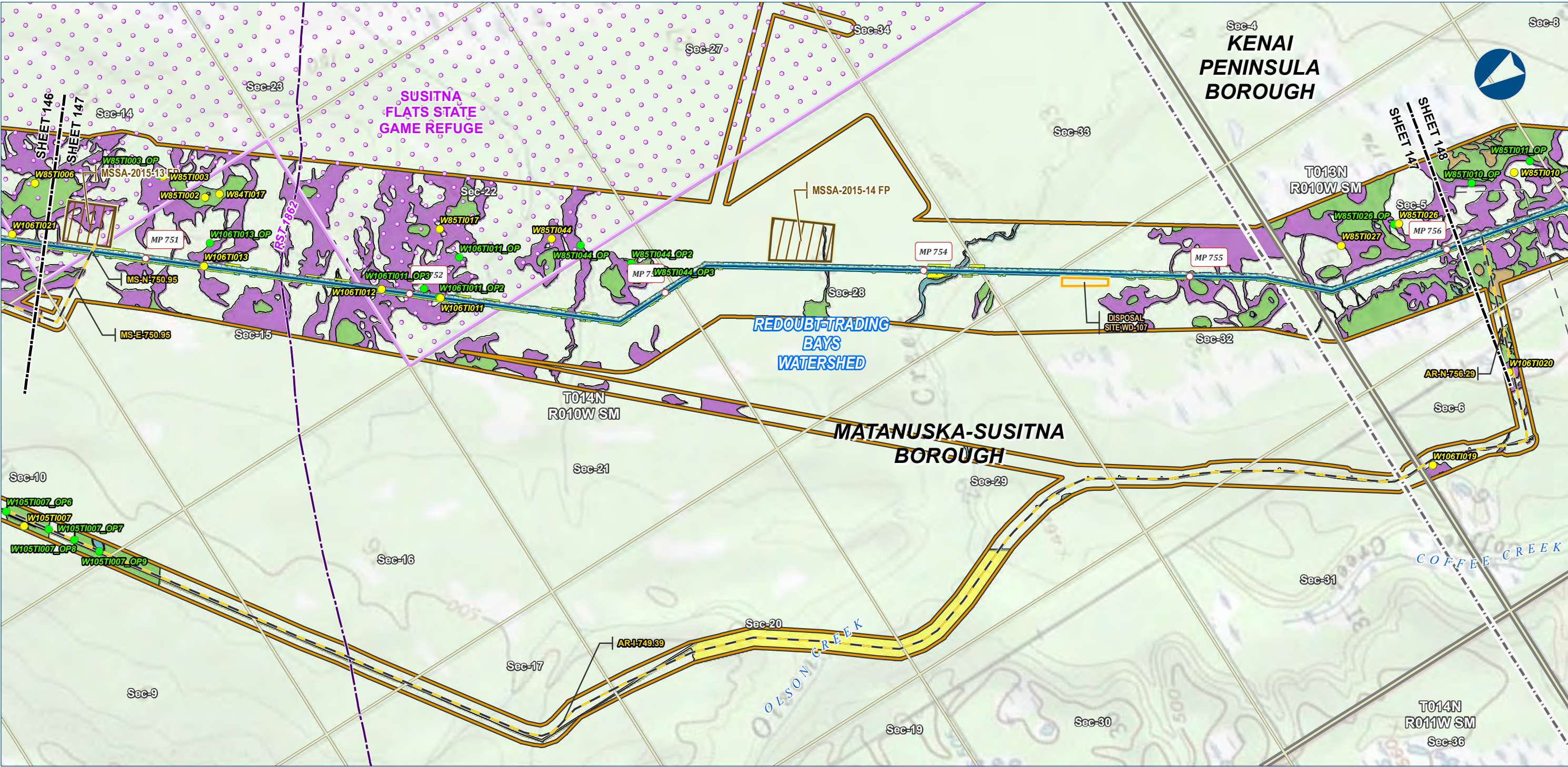
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**DWG:** RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

**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	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

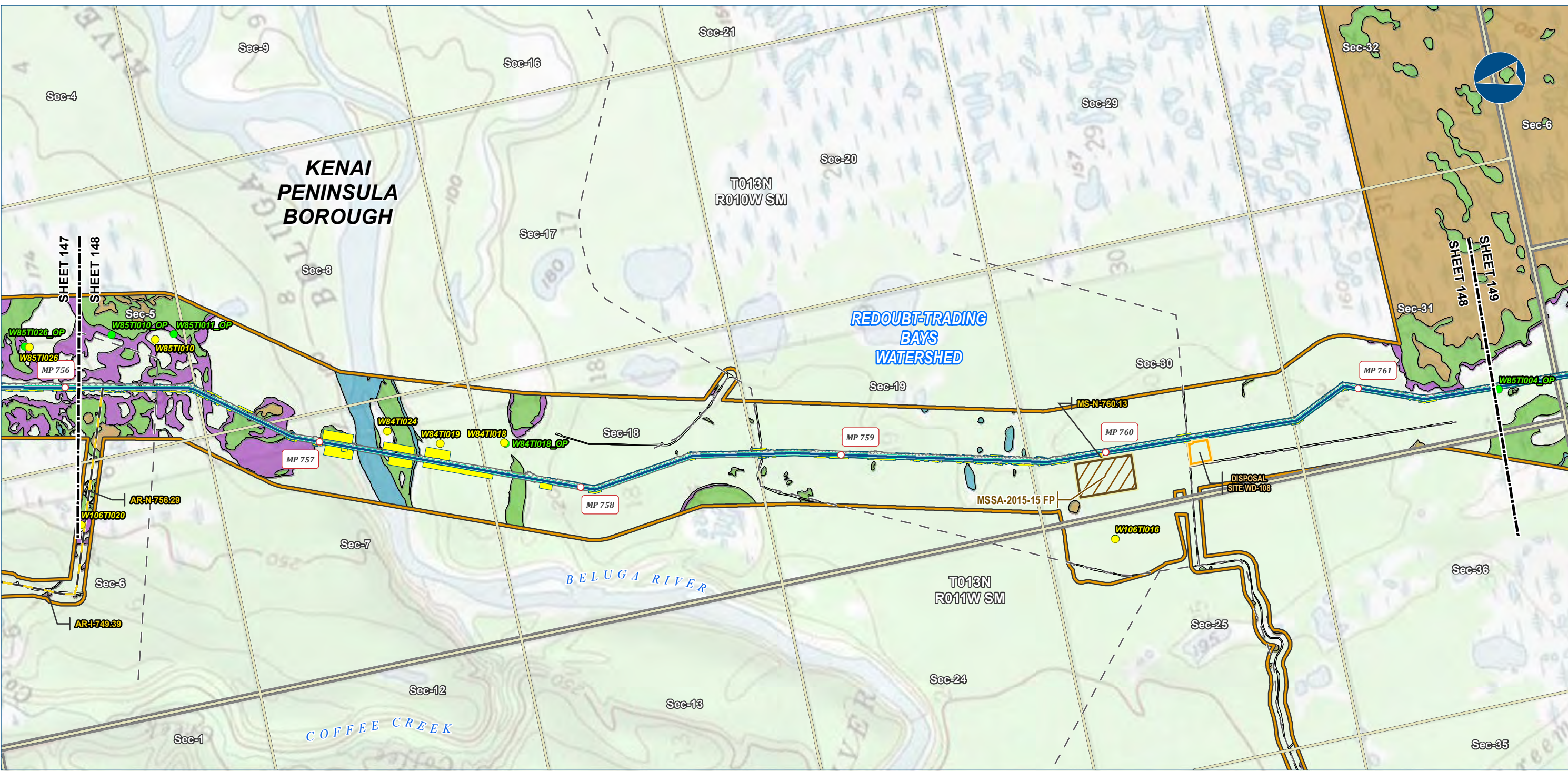
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 147





**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

**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.

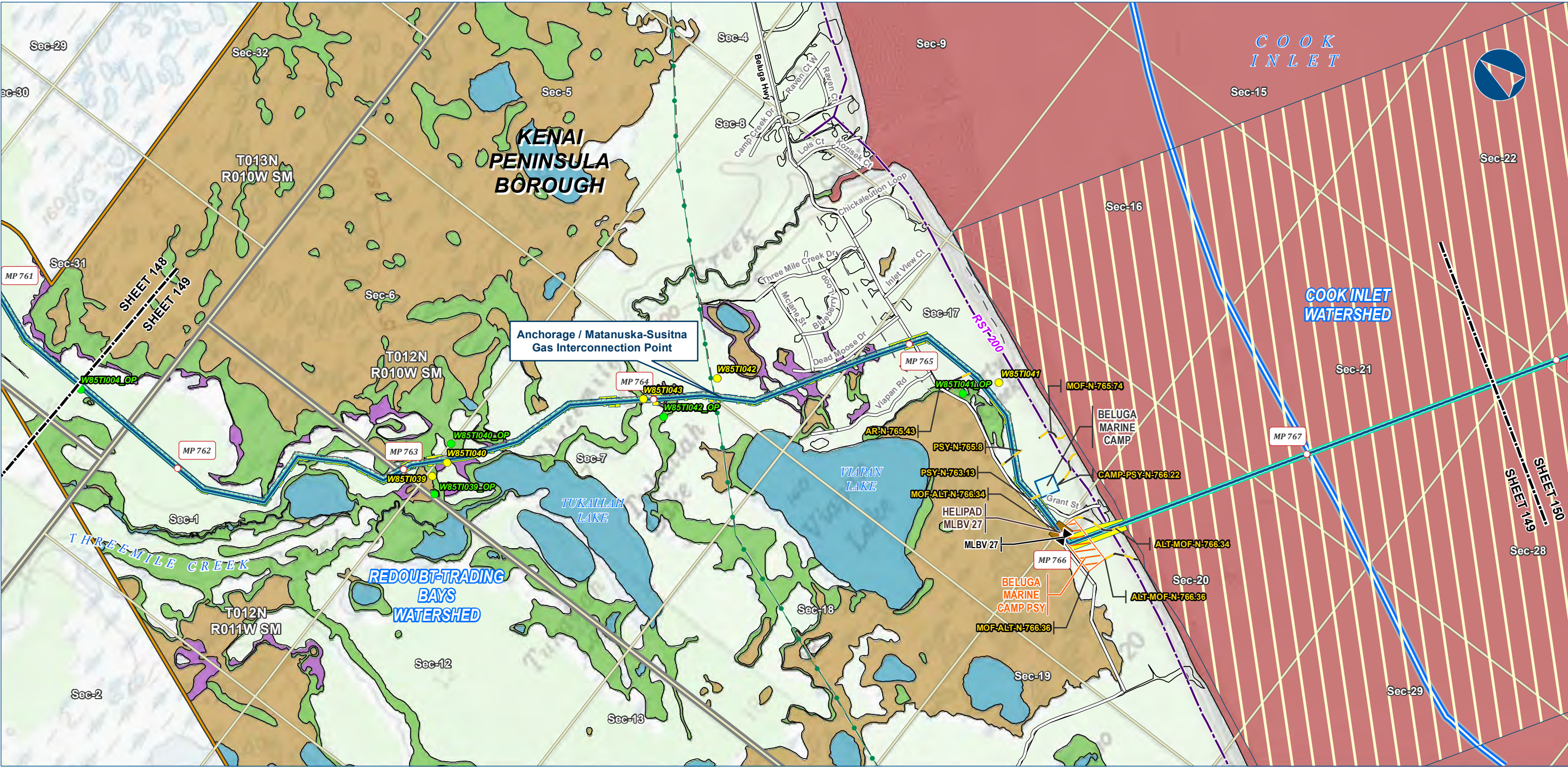
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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

**Other Features**

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

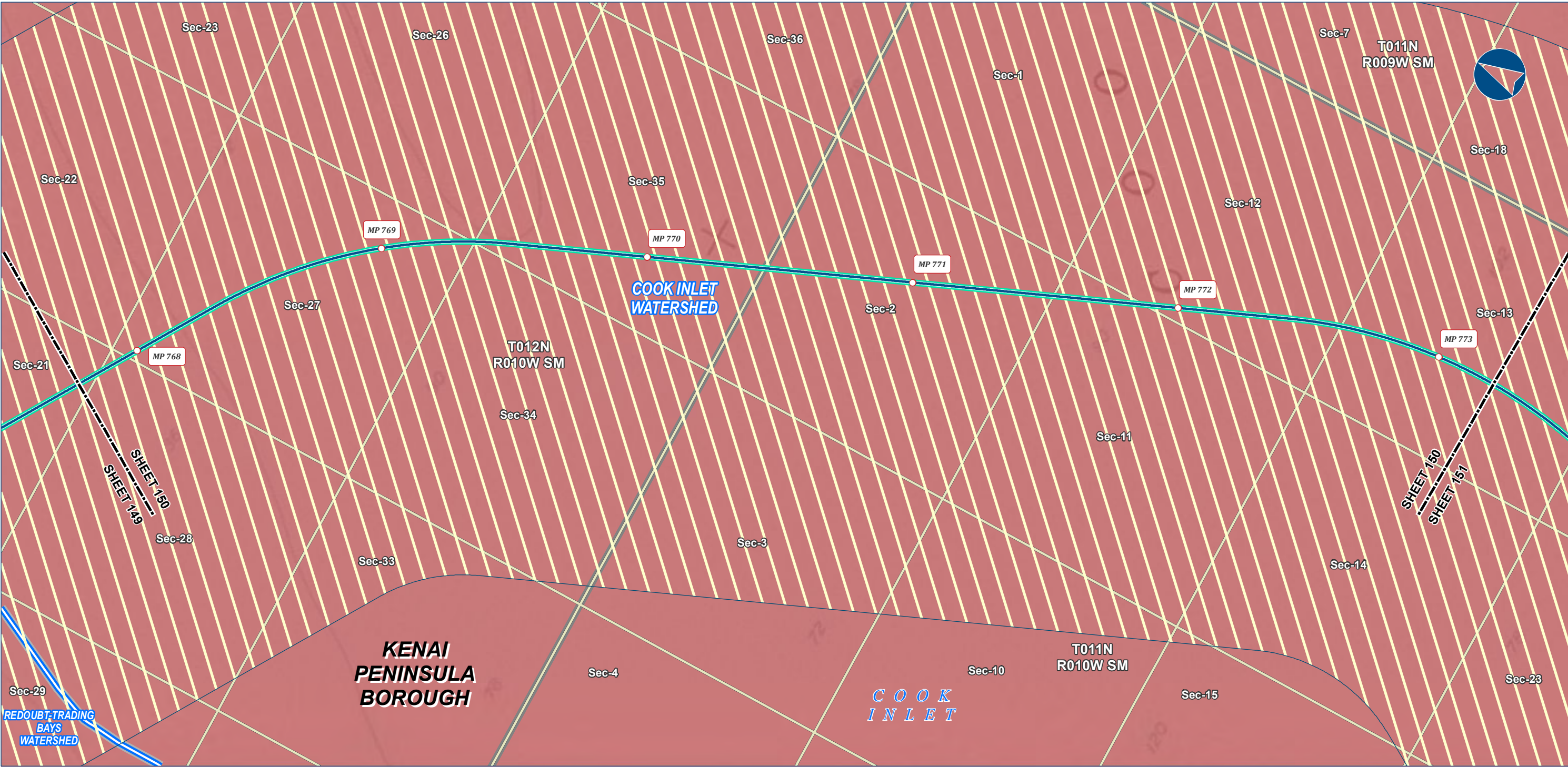
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL SHEET: 149





Alaska LNG Project

**Legend**

**PIPELINE**

- Alaska LNG Rev C2 Route

**EXISTING FEATURES**

- Existing Roads
- Section
- Township

**Wetland Mapping Extent**

- 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	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

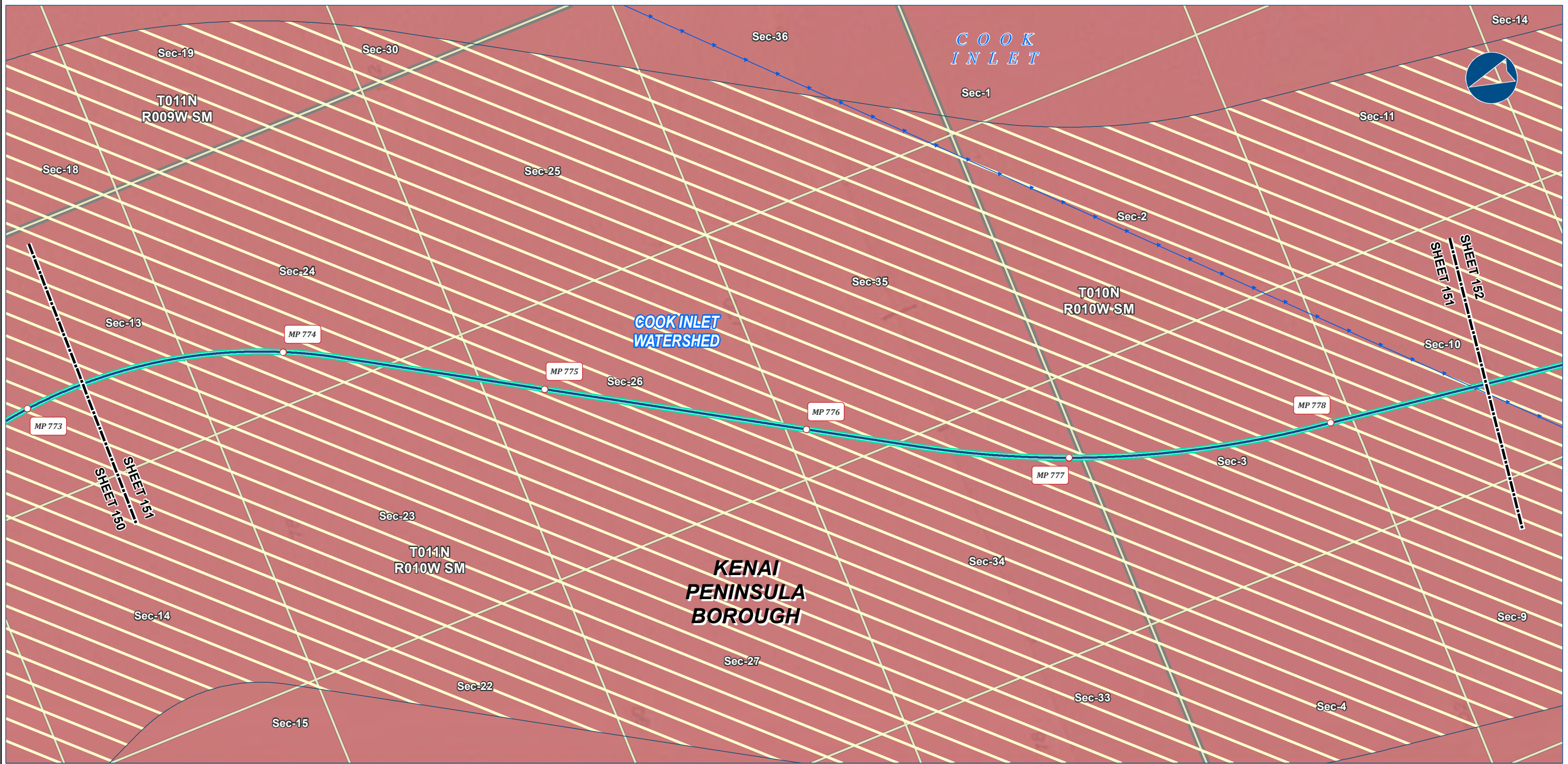
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 150





## Alaska LNG Project

**Legend**

<b>PIPELINE</b>	Permanent ROW	<b>EXISTING FEATURES</b>	Wetland Mapping Extent
Alaska LNG Rev C2 Route	Construction ROW	Existing Roads	<b>Wetland Area (areas not colored are uplands)</b>
	ATWS	Submarine Cable	Marine
	Lay Barge Anchor Spread Area	Section	
		Township	

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.

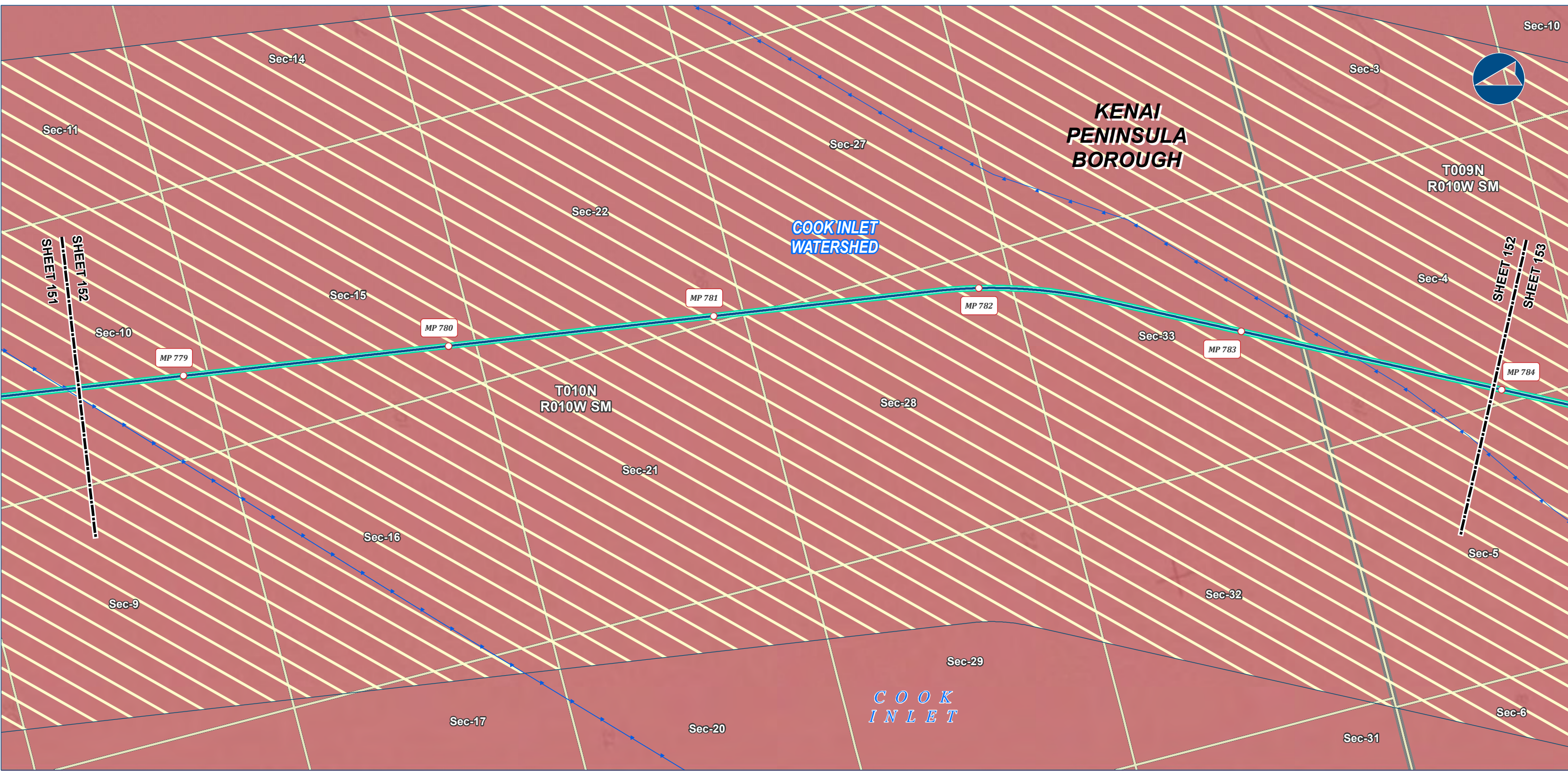
<p align="center"><b>ALASKA LNG PROJECT</b></p> <p align="center"><i>Wetland Resources</i></p> <p align="center"><i>Mainline Rev C2 Route</i></p>		
<b>BOROUGH:</b>	KENAI PENINSULA	<b>DRAWN BY:</b> AGDC
<b>STATE:</b>	ALASKA	<b>CHECKED BY:</b>
<b>REV. NO.:</b>	<b>REVISION</b>	<b>DATE</b>
A	ISSUED FOR REVIEW	2017-03-21
<p align="center"><b>PRELIMINARY</b></p>		
<p>1:24,000</p> <p align="center"> </p>		
<b>DATE:</b> 2017-03-21	<b>PROJECTION:</b> NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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<b>DWG:</b> RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	<b>SHEET:</b> 151
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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	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

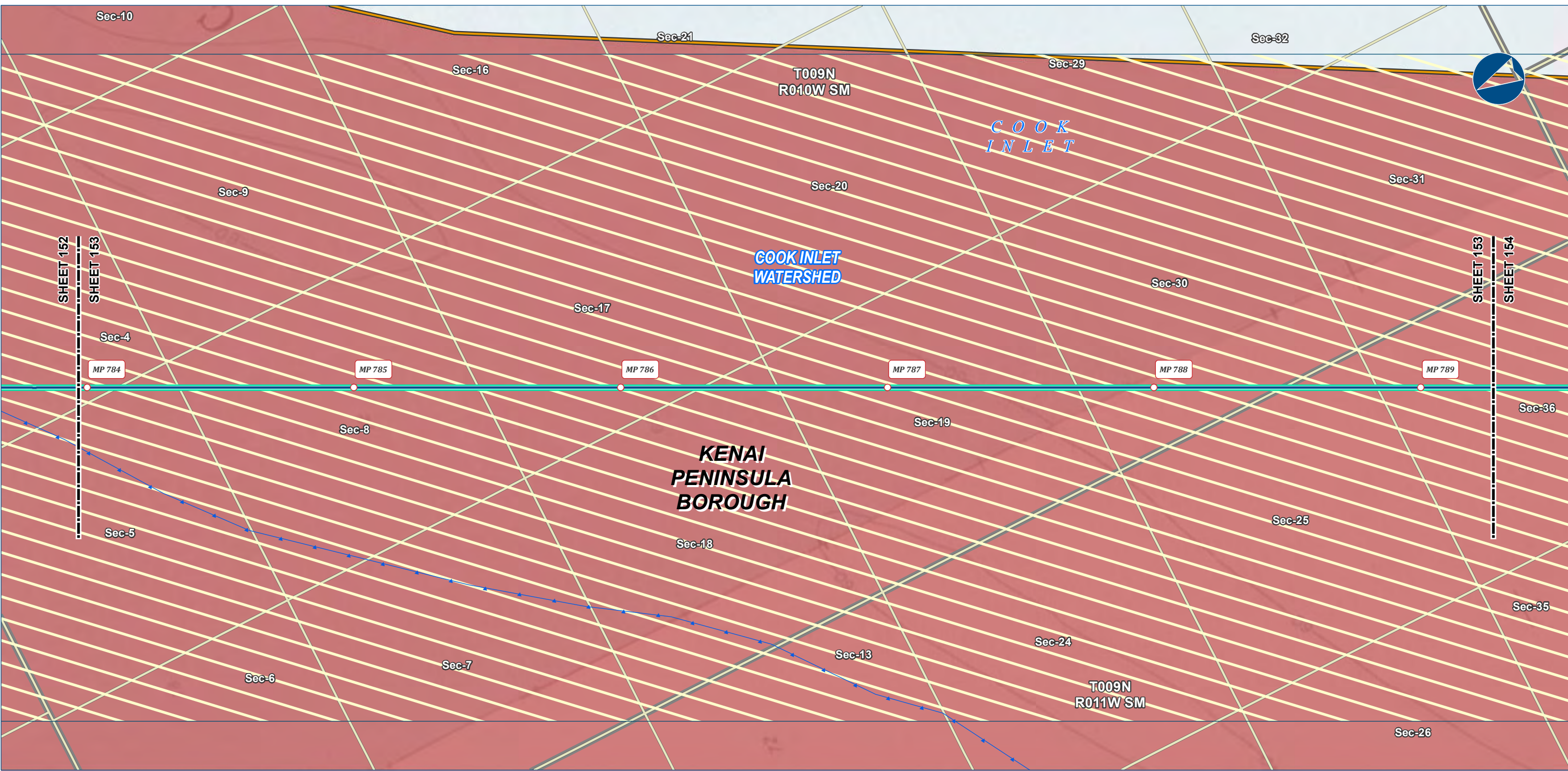
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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_REV\_C2\_CL

SHEET: 152





**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

**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.

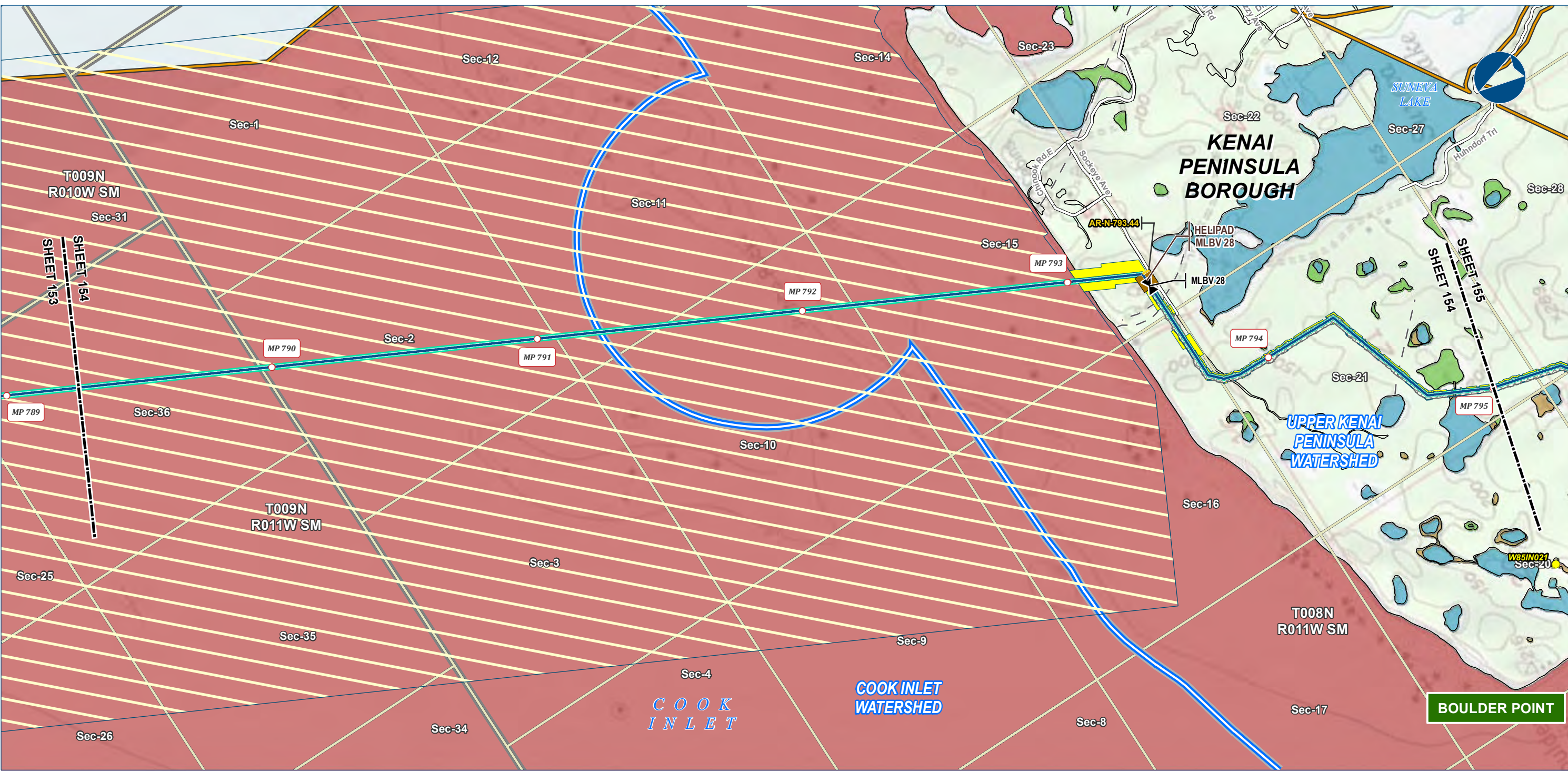
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	KENAI PENINSULA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2\_APPENDIX\_F1\_MAINLINE\_TOPO\_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	2017-03-21
PRELIMINARY		
1:24,000 0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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