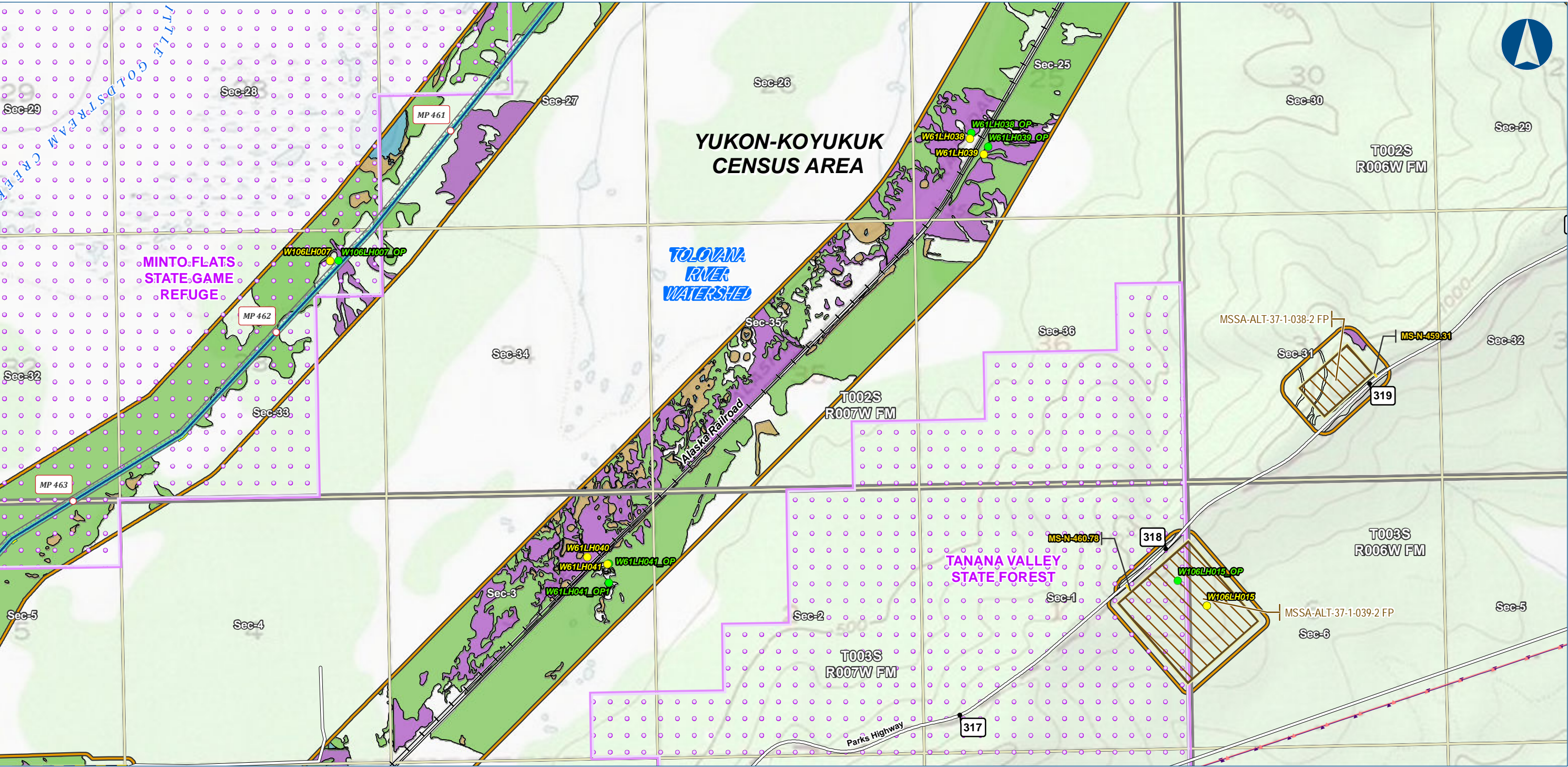


ALASKA LNG PROJECT	DOCKET No. CP17-____-000 RESOURCE REPORT No. 2 APPENDIX F PART 6 OF 6	Doc No: USAKE-PT-SRREG-00- 000006-000 APRIL 14, 2017 REVISION: 0
	PUBLIC	

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



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- 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

ATWS

- Material Site Study Area (MSSA)

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

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

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 21



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

EXISTING FEATURES

Existing Roads

Railroad

Buried Cable

Overhead Powerline

Incorporated City Boundary

Alaska DOT Place Names

Section

Township

PERMANENT ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

EXISTING FEATURES

Existing Roads

Railroad

Buried Cable

Overhead Powerline

Incorporated City Boundary

Alaska DOT Place Names

Section

Township

PERMANENT ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

EXISTING FEATURES

Existing Roads

Railroad

Buried Cable

Overhead Powerline

Incorporated City Boundary

Alaska DOT Place Names

Section

Township

PERMANENT ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

EXISTING FEATURES

Existing Roads

Railroad

Buried Cable

Overhead Powerline

Incorporated City Boundary

Alaska DOT Place Names

Section

Township

PERMANENT ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

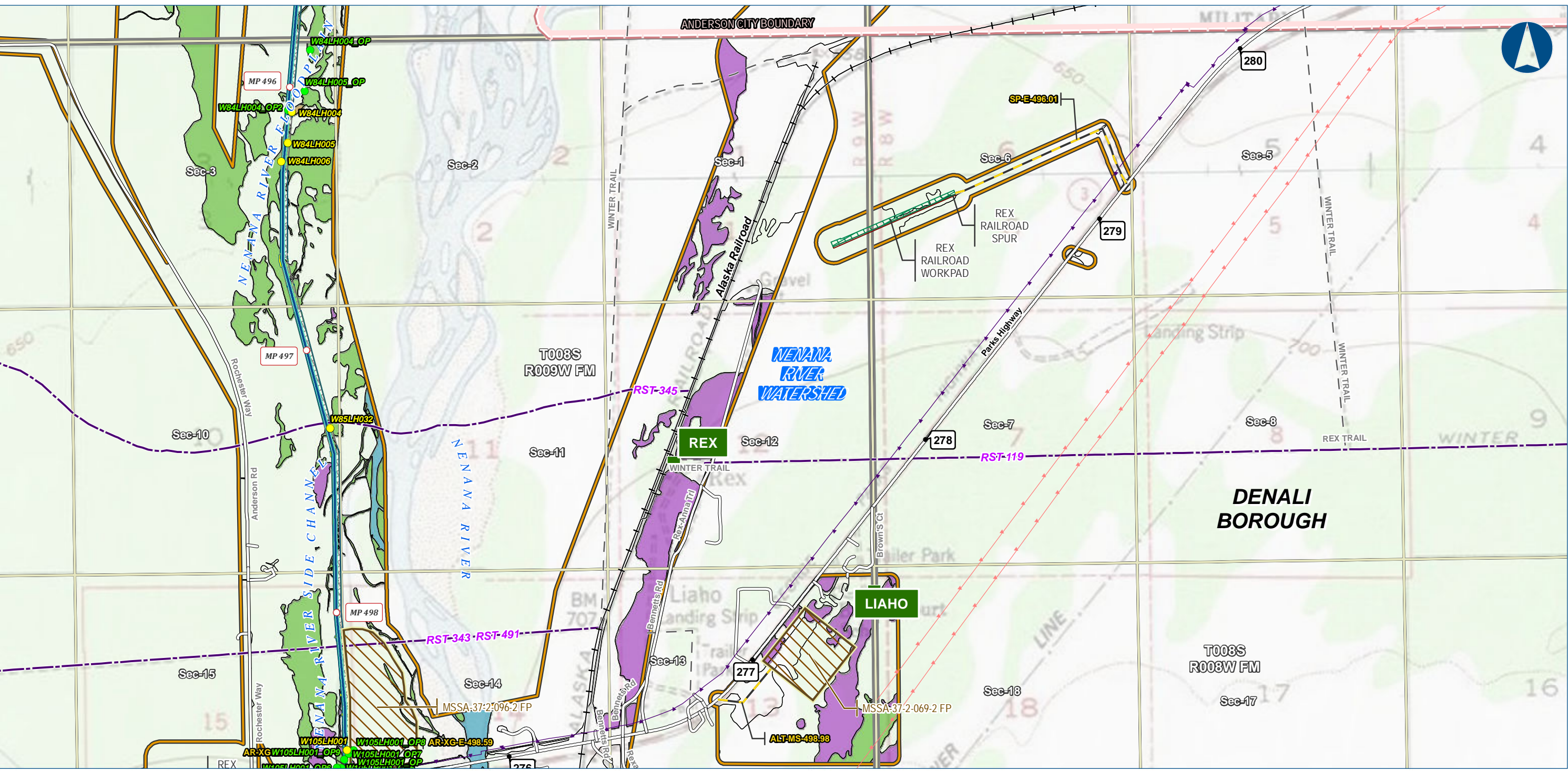
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 22



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 Mapping Extent

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

Other Features

- Construction ROW
- ATWS
- 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.

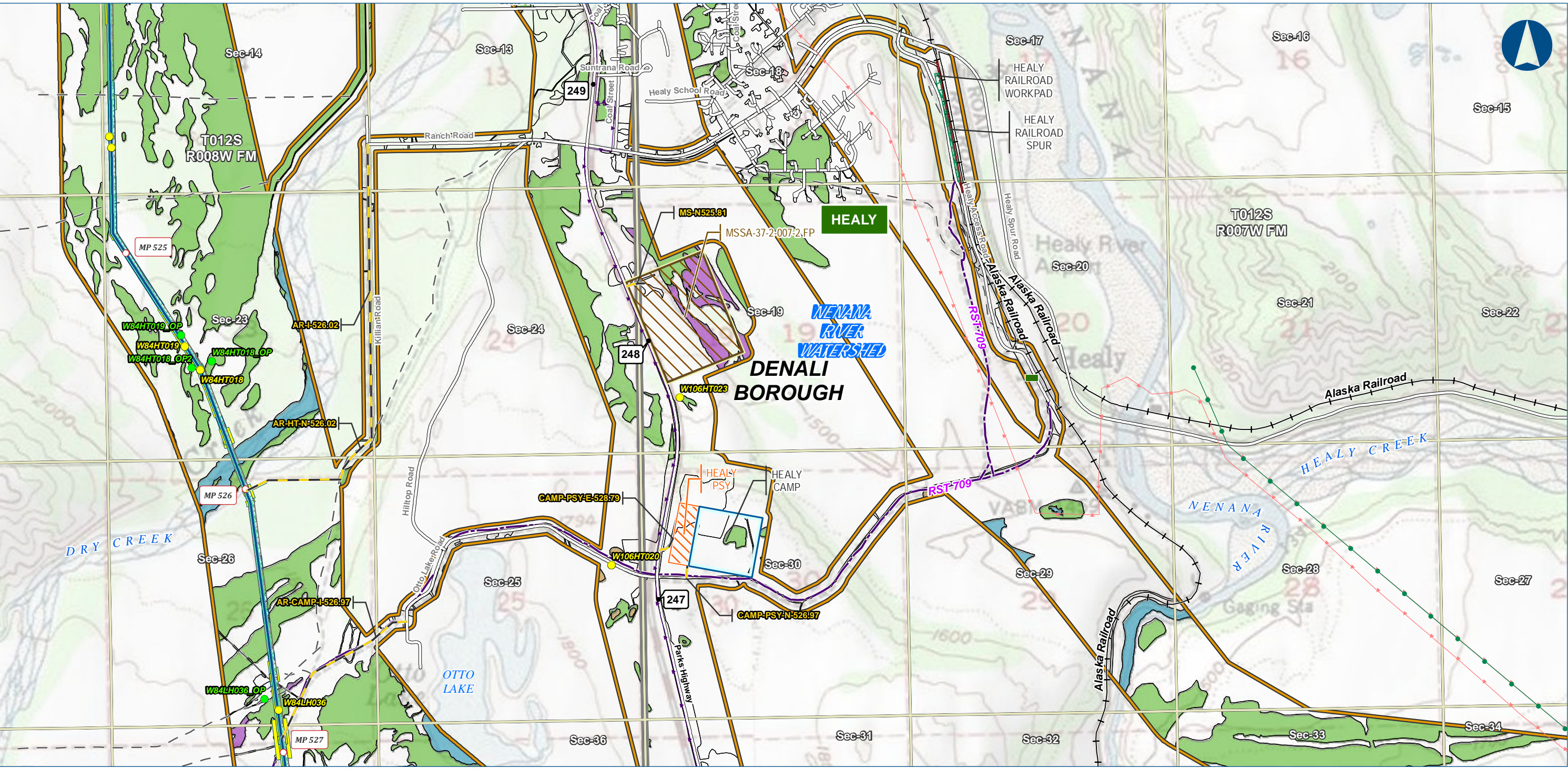
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 23



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
- Existing Pipeline
- 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

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.

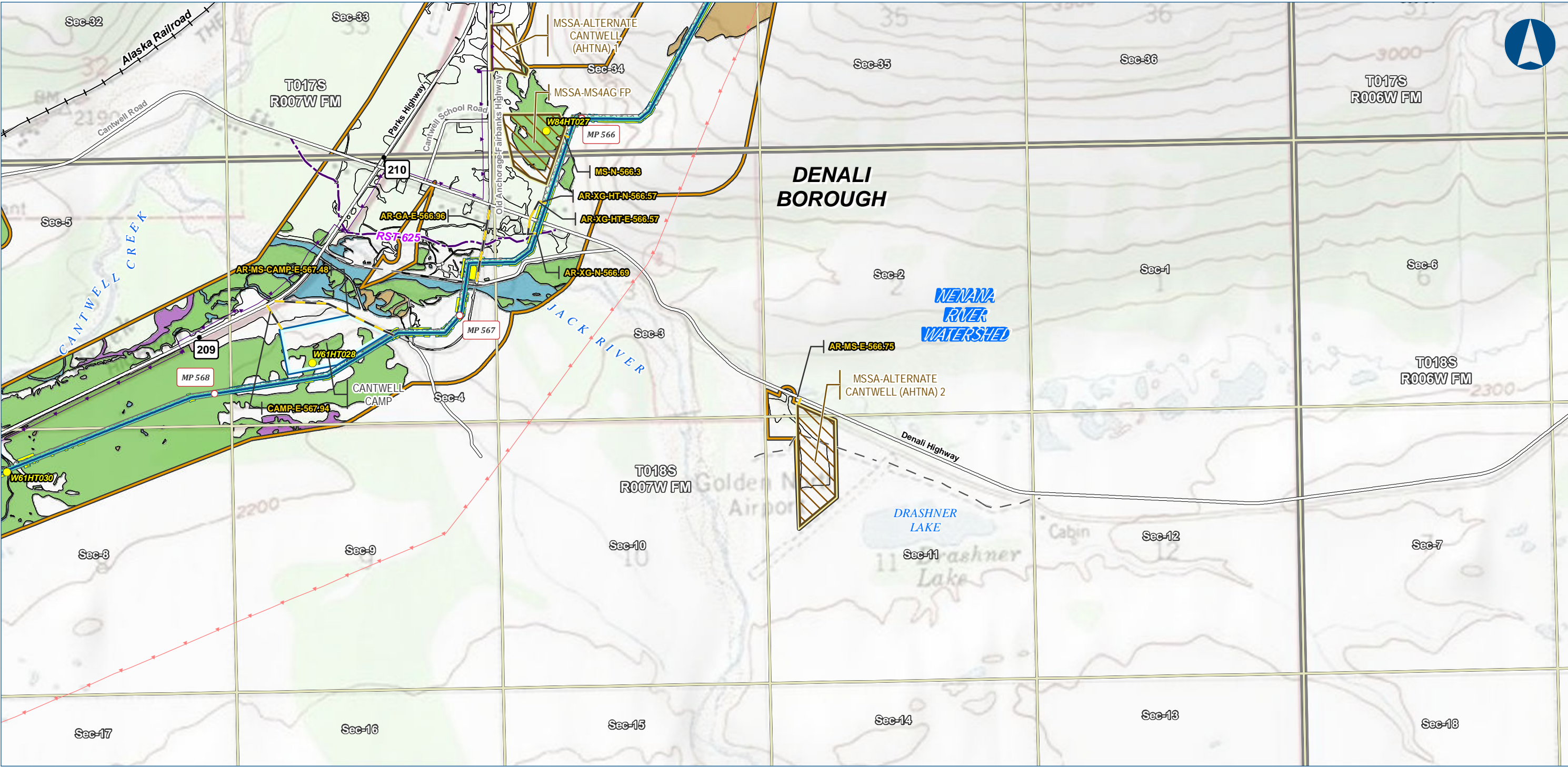
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 24



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
- 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
- Material Site Study Area (MSSA)

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

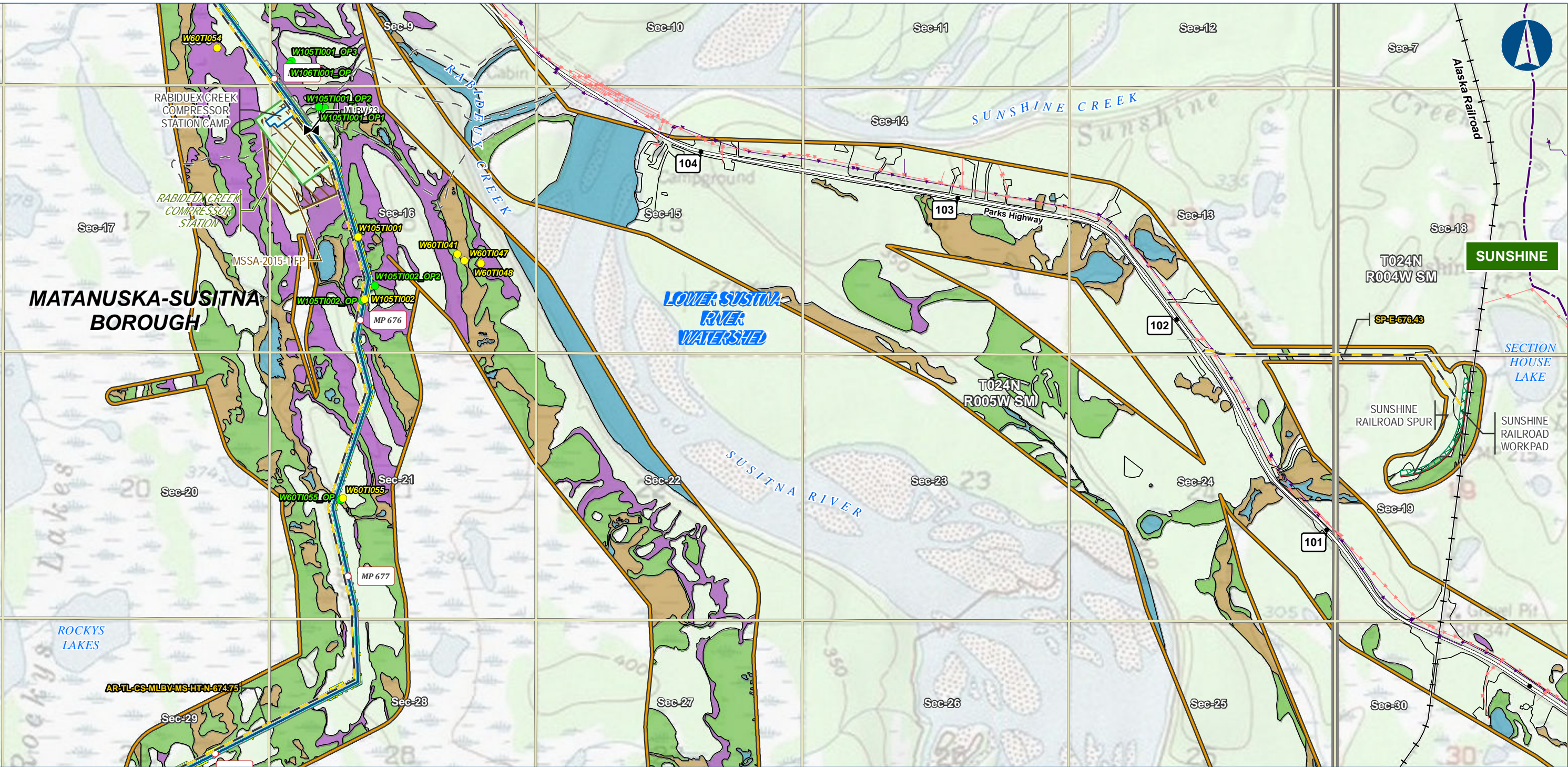
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 25



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
- 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
- Compressor Station
- Camp
- Railroad Workpad
- Railroad Spur
- Material Site Study Area (MSSA)

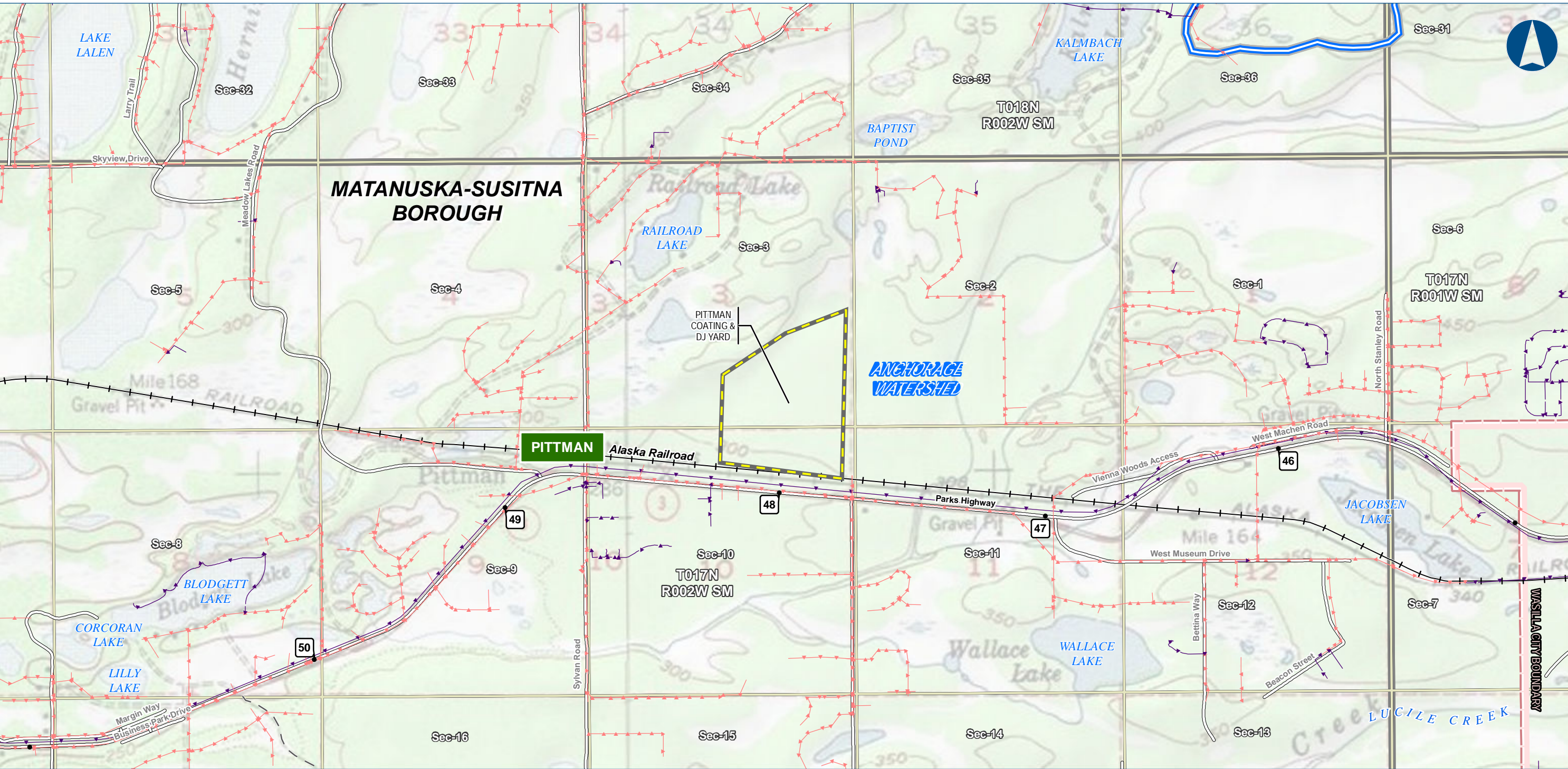
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 26



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route

EXISTING FEATURES

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

Wetland Mapping Extent

- Watershed Boundary

Other Features

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

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

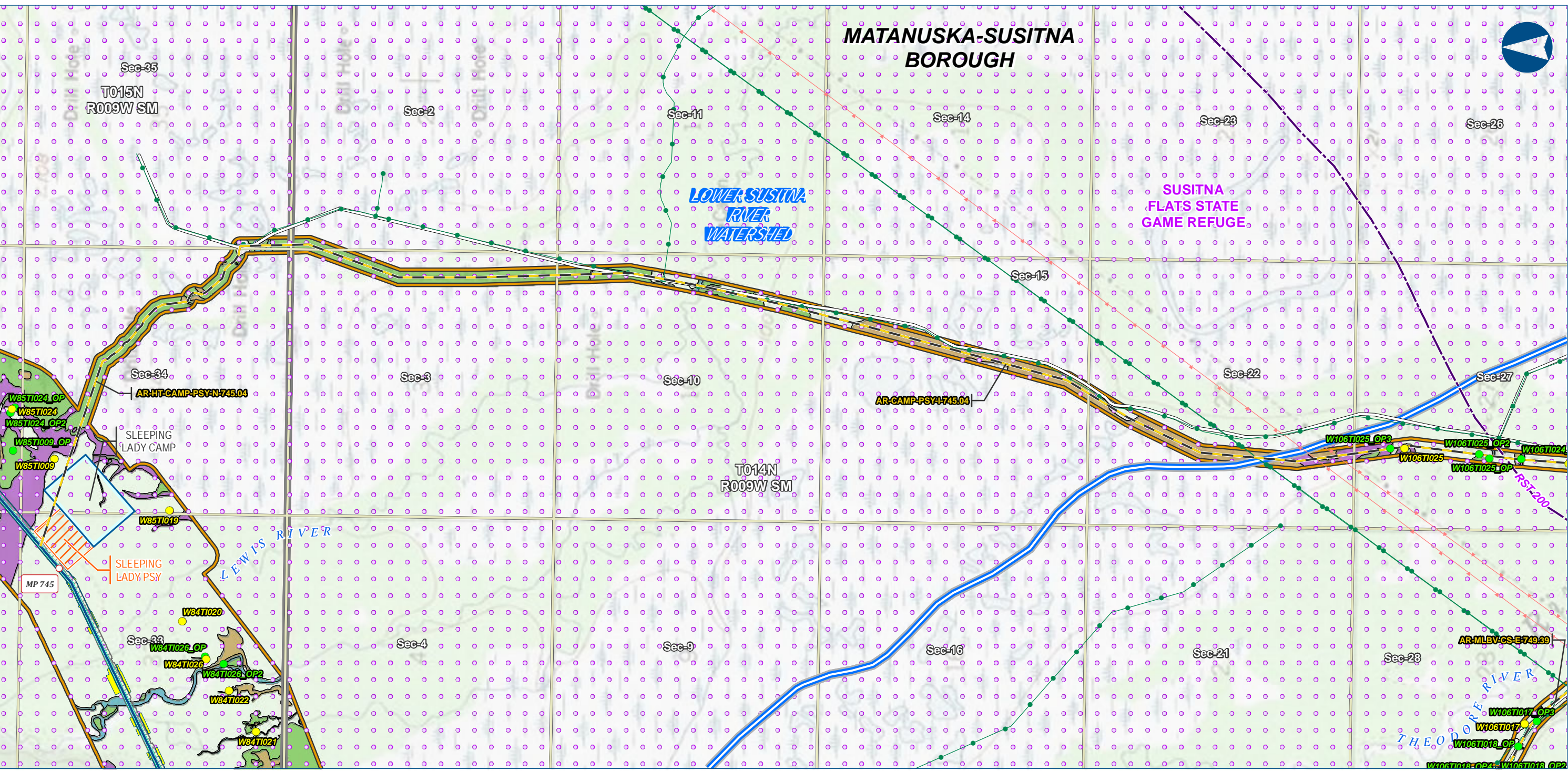
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE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

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 27



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Revised Statute 2477 Trail
- Existing Pipeline
- 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
- Off ROW Camp
- Pipe Storage Yard (PSY)

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

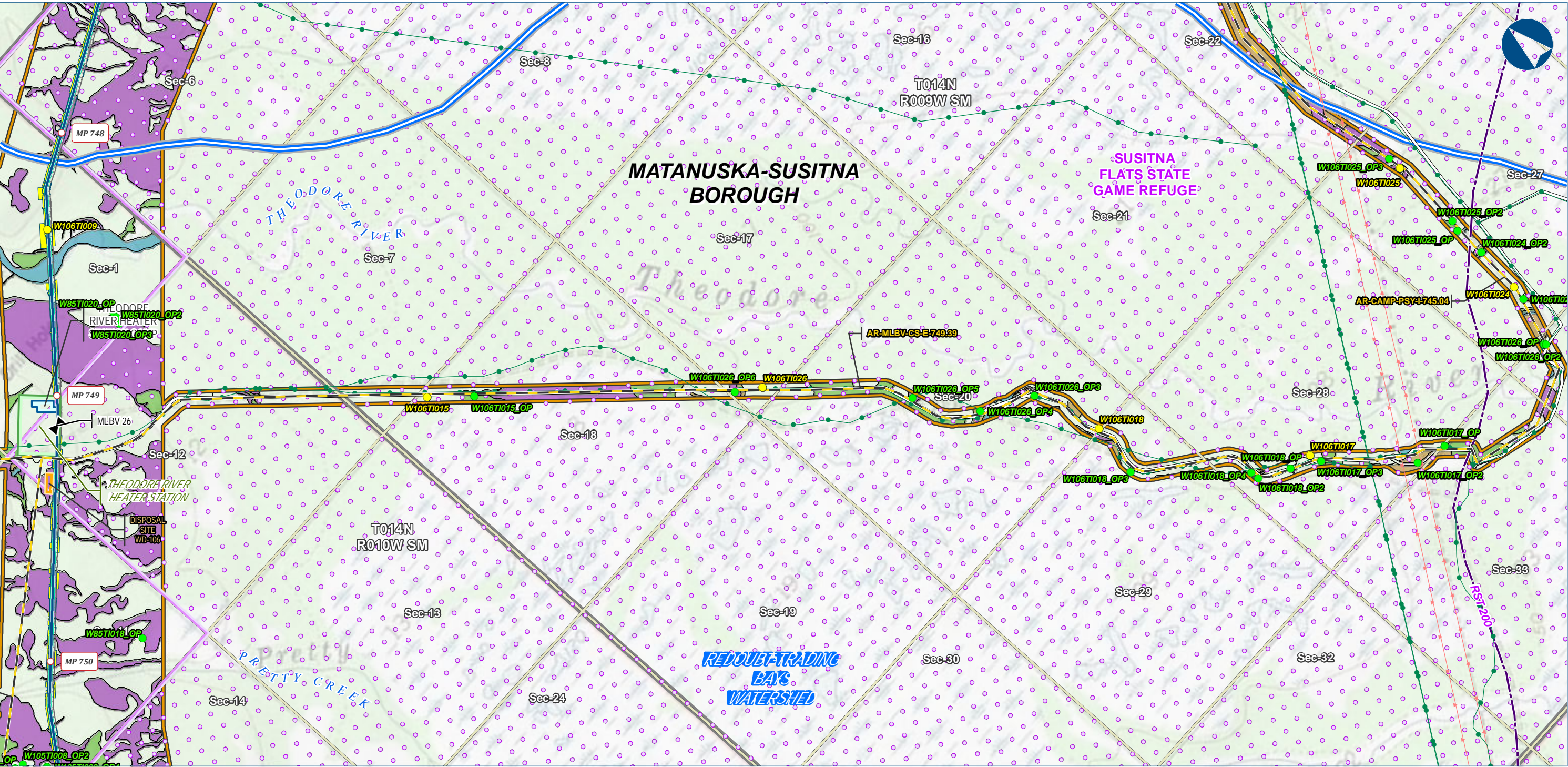
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 28



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- Disposal Site
- Existing Roads
- Revised Statute 2477 Trail
- Existing Pipeline
- 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

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

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

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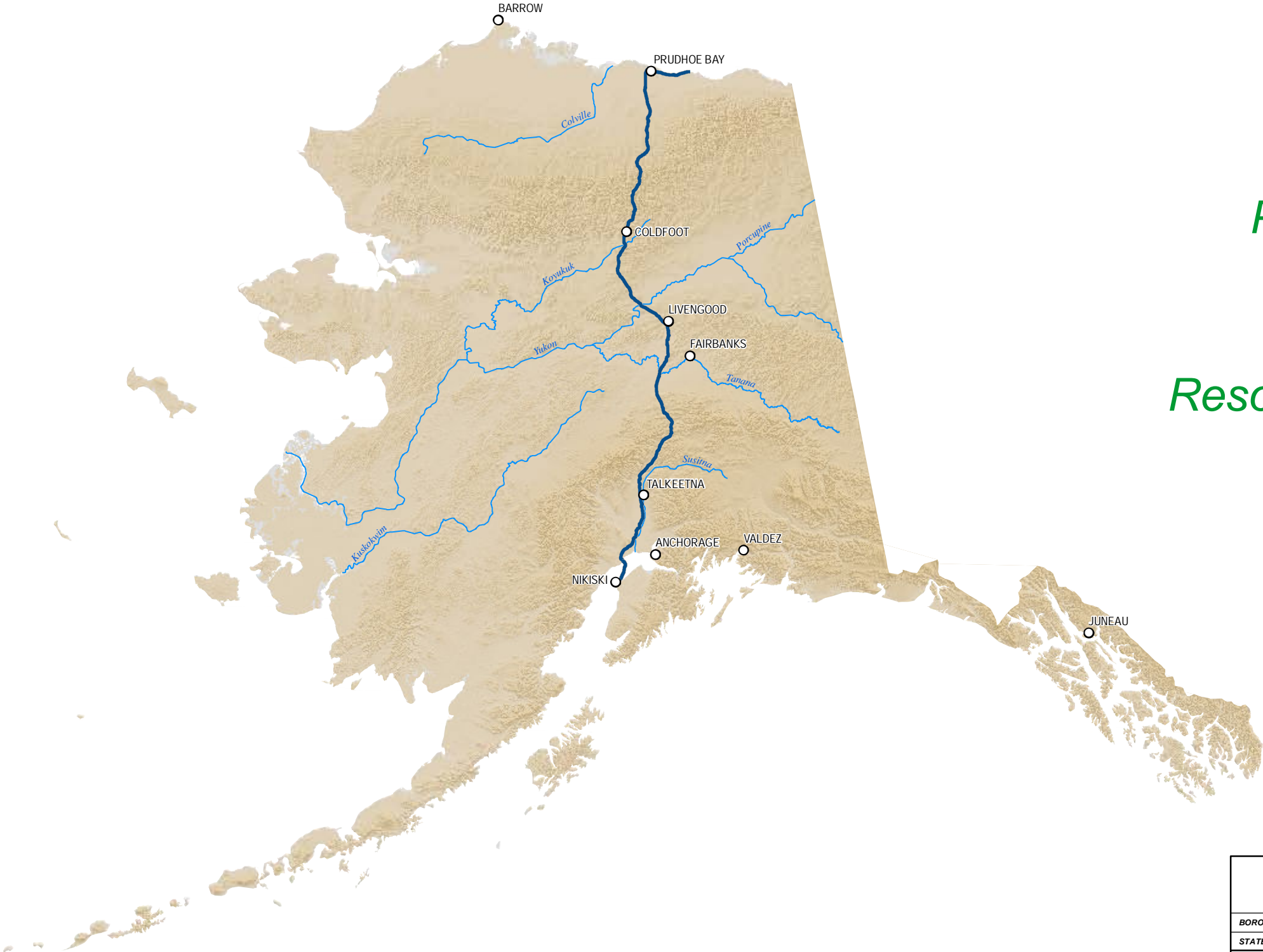
DWG: RR2_APPENDIX_F3_ML_OFF_ROW_TOPO_REV_C2_CL

SHEET: 29

Alaska LNG Project

Wetland Resources Point Thomson Rev C Route Off ROW Facilities & Access Roads

Resource Report 2, Appendix F3 Topographical Mapping

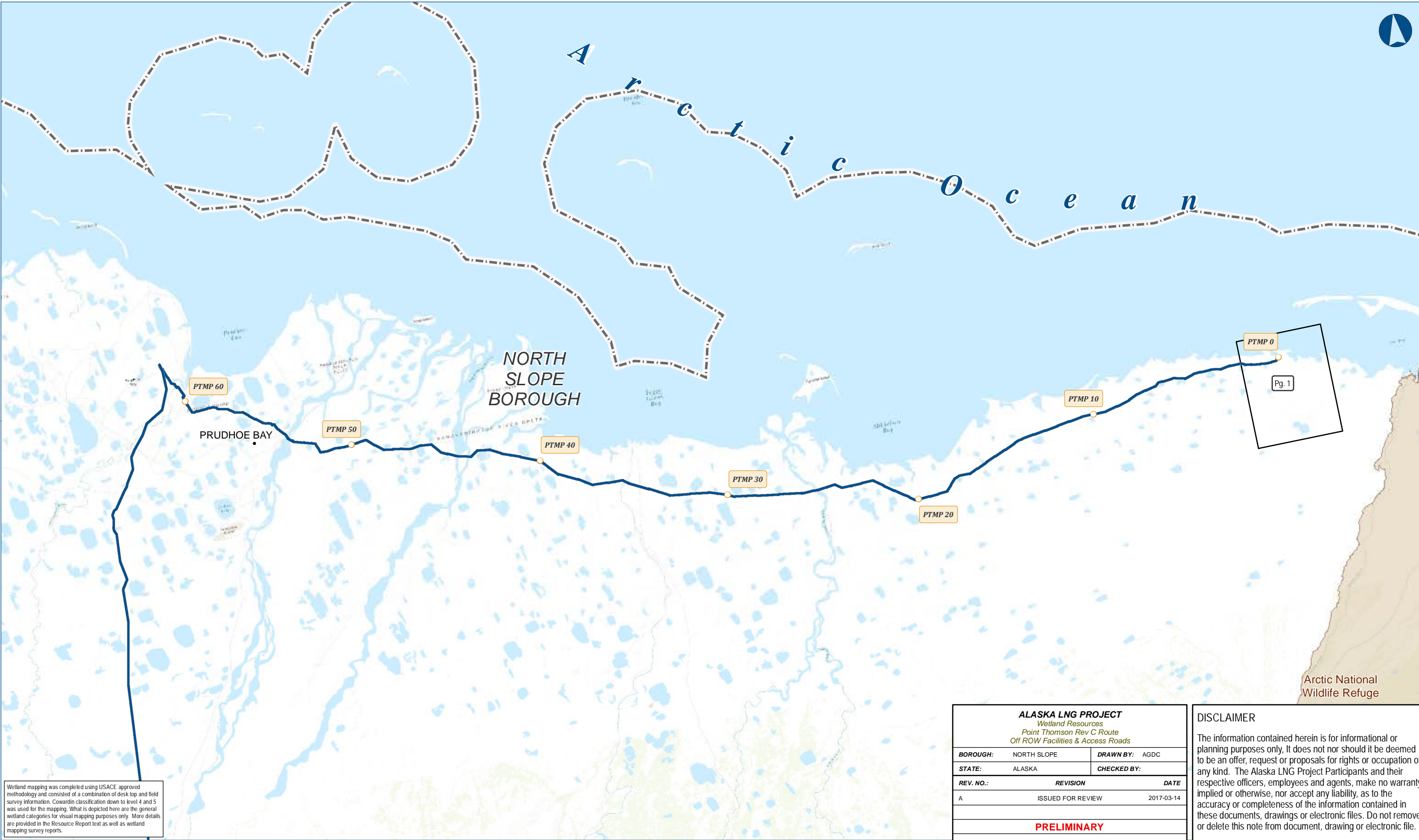


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ALASKA LNG PROJECT		
Wetland Resources		
Point Thomson Rev C Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-13
PRELIMINARY		
1:10,000,000	0 100 200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

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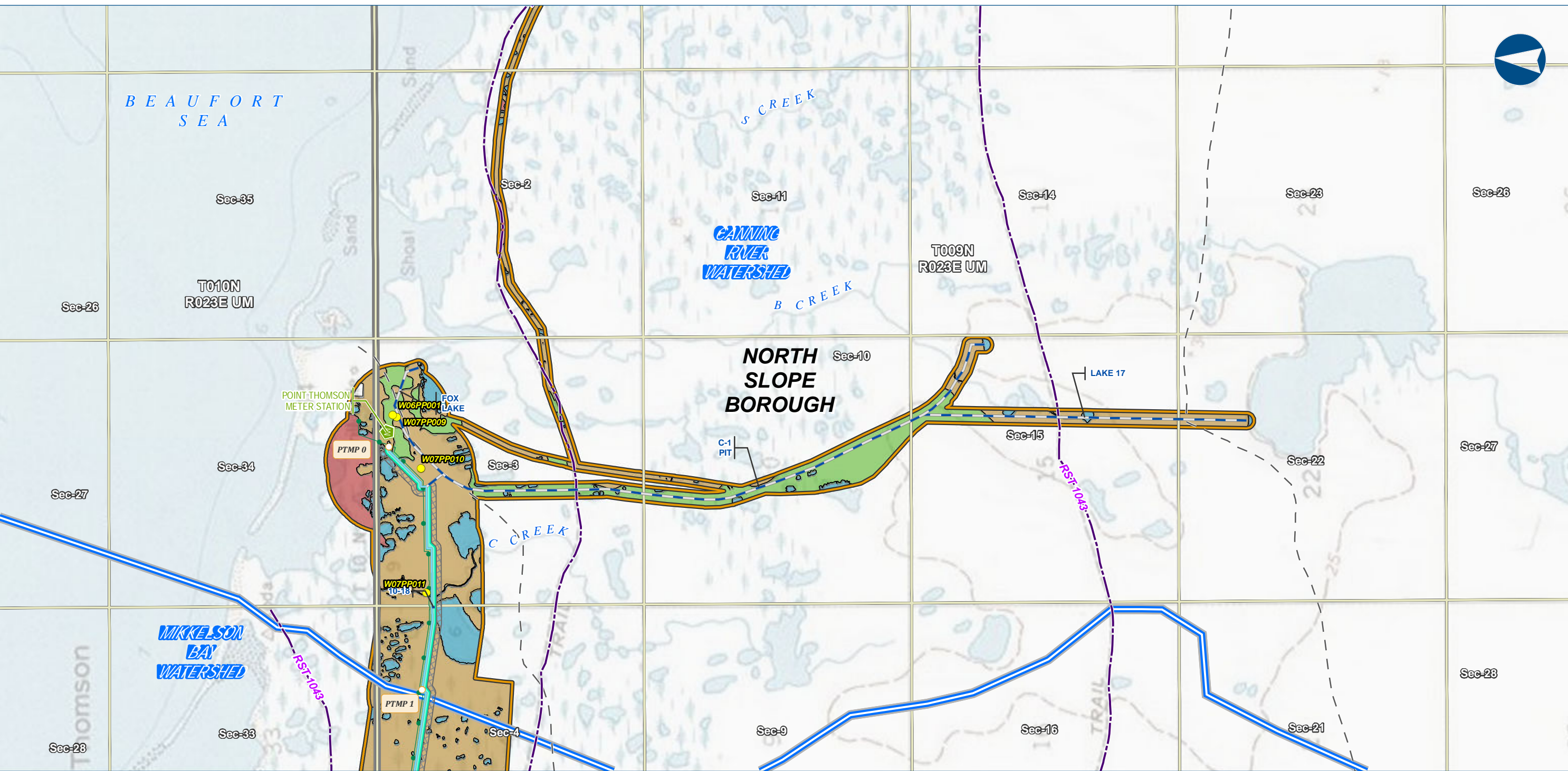


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ALASKA LNG PROJECT		
Wetland Resources		
Point Thomson Rev C Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:281,485	0 3 6 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_3_4_PT_OFF_ROW_INDEX_REV_C_CL SHEET: PT-OFF-INDEX

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Alaska LNG Project

Legend

PIPELINE

- Point Thomson Transmission Line
- Ice Pad Access Road
- Meter Station
- Permanent ROW
- Construction ROW

EXISTING FEATURES

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

Wetland Mapping Extent

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

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

ALASKA LNG PROJECT Wetland Resources Point Thomson Rev C Route Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-28
PRELIMINARY		
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DATE: 2017-03-28	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

DISCLAIMER

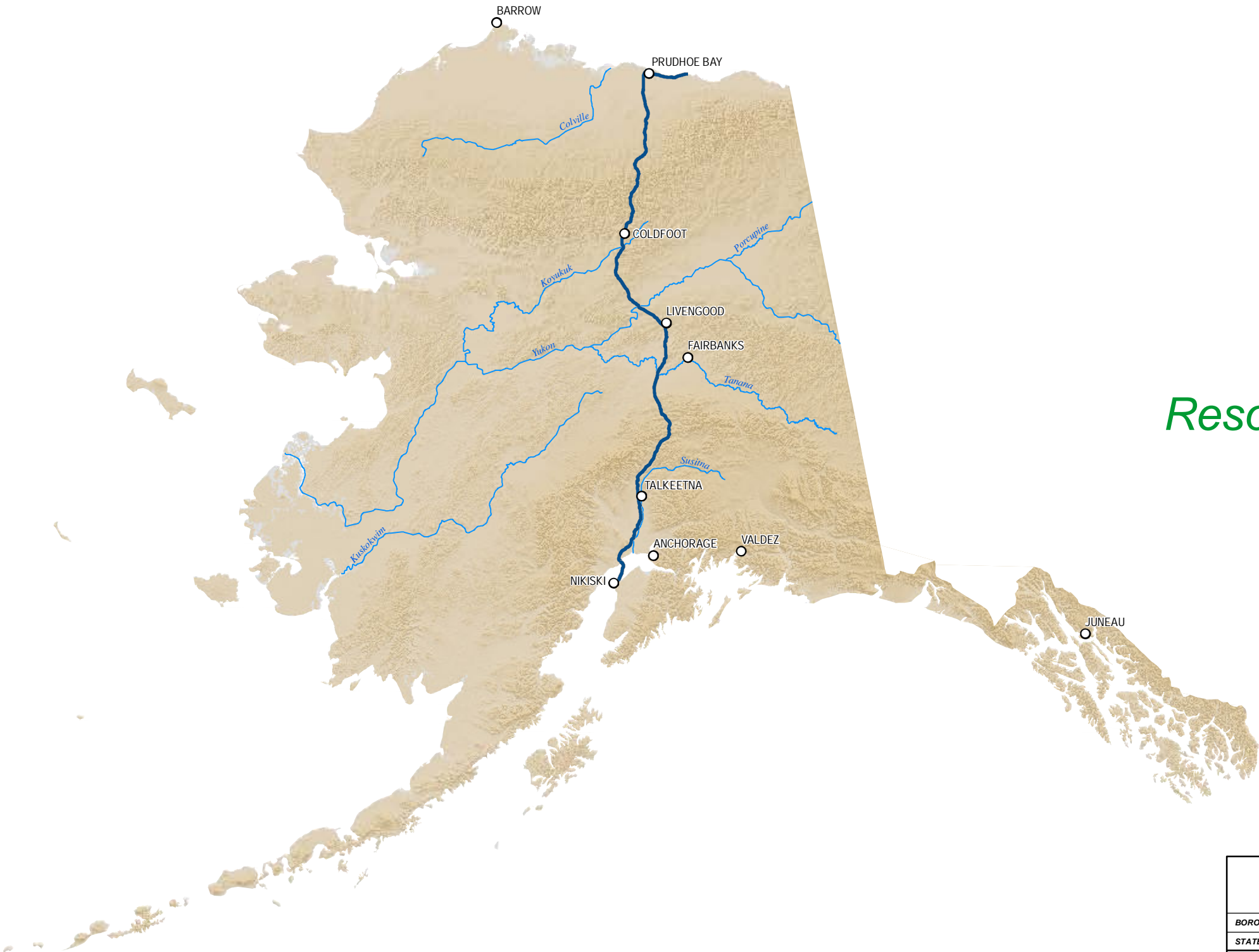
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DWG: RR2_APPENDIX_F3_PT_OFF_ROW_TOPO_REV_C_CL SHEET: 1

Alaska LNG Project

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

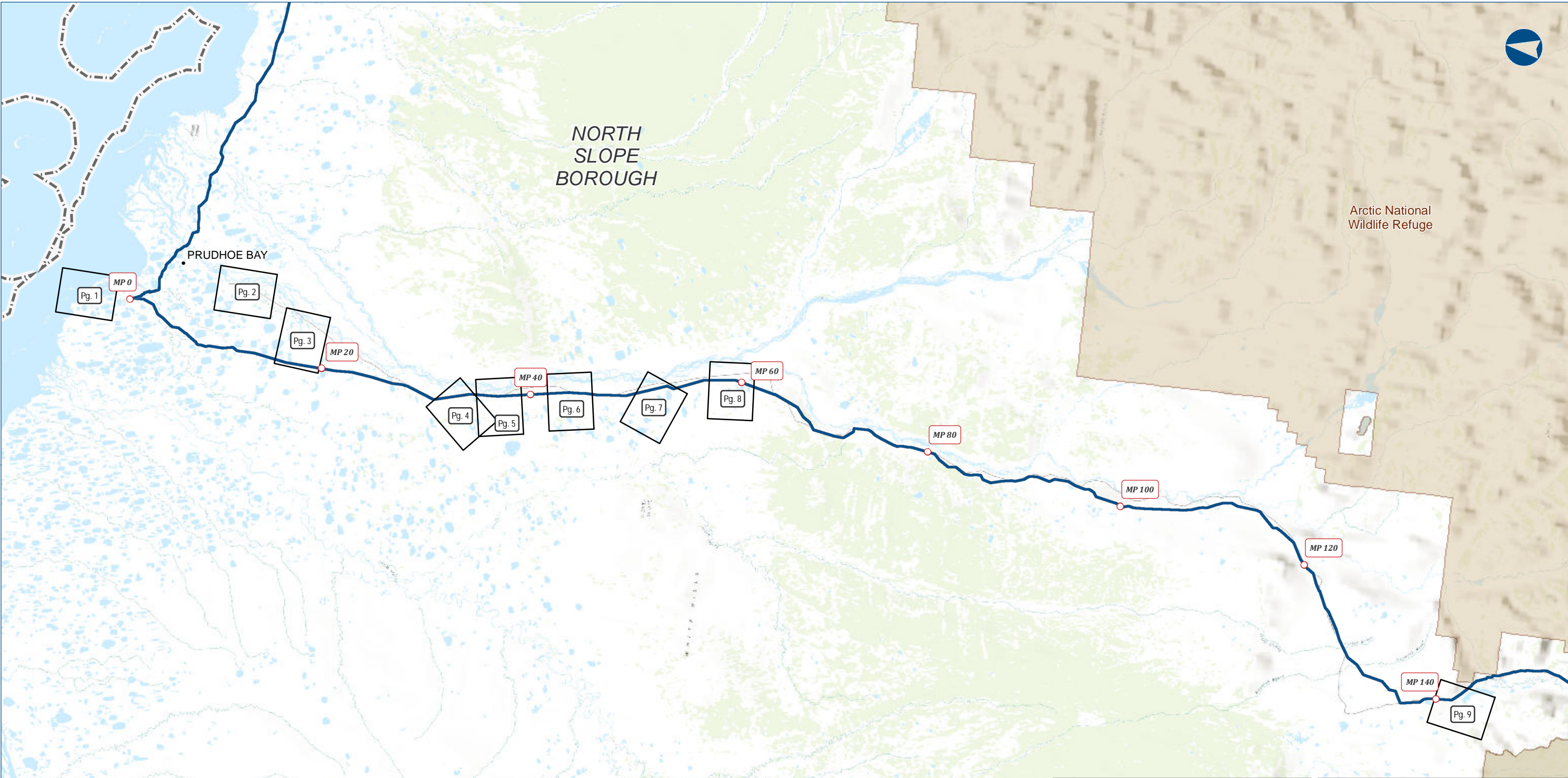
Resource Report 2, Appendix F4
Aerial Mapping



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

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

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DWG:RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL_COVER SHEET: COVER PAGE

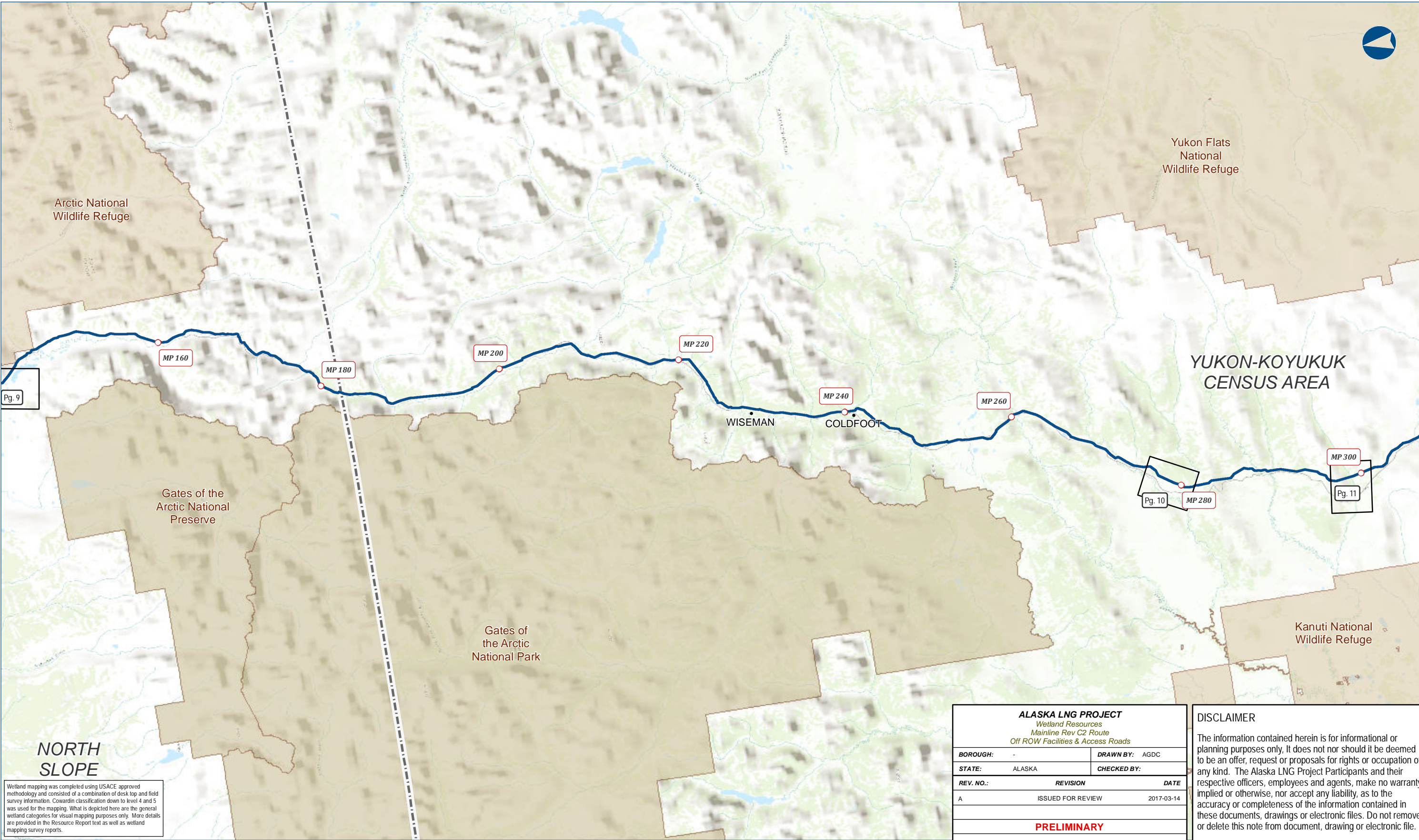


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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: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

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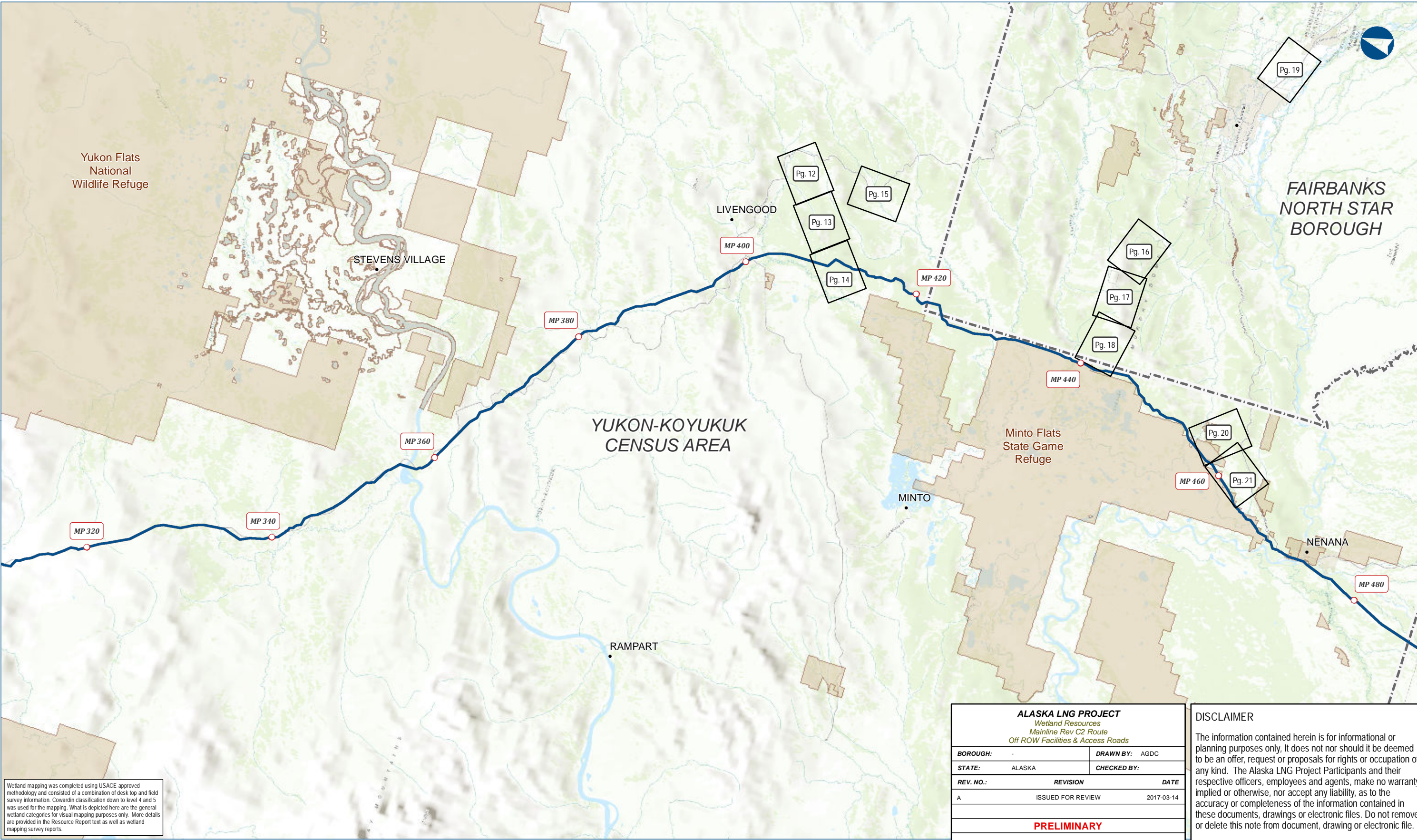
NORTH
SLOPE

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

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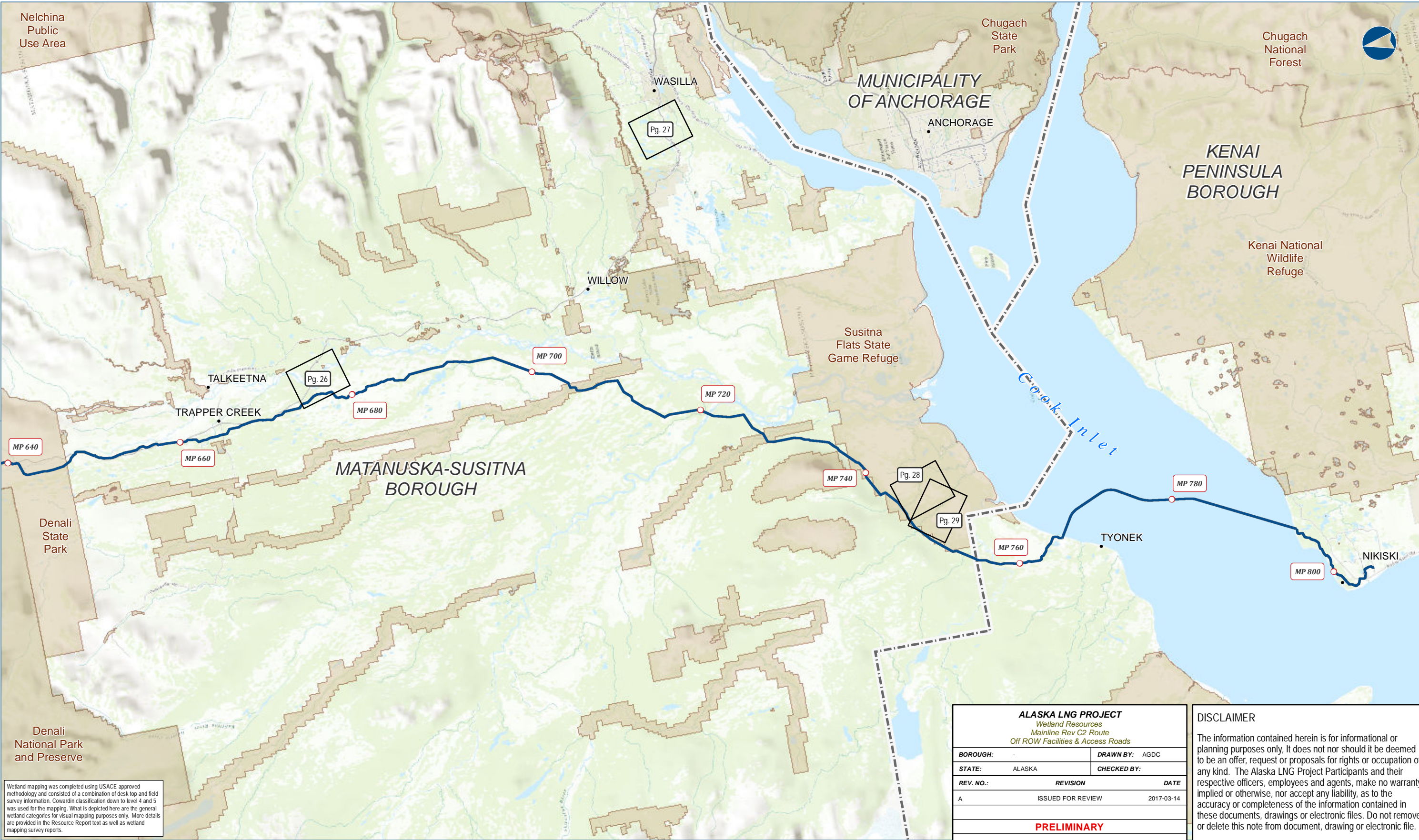


ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE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

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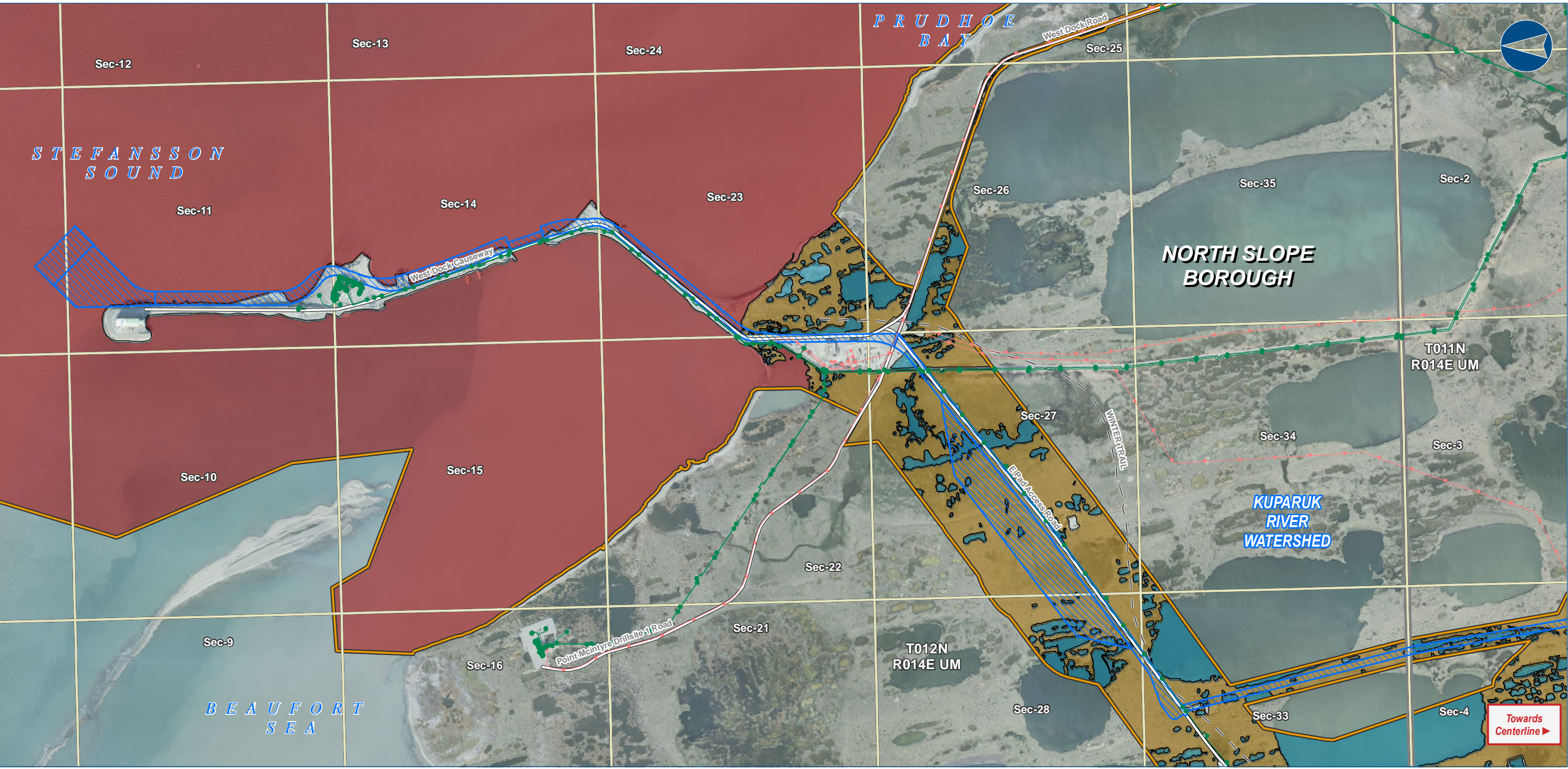




ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:595,900	0 5 10 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE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

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Alaska LNG Project

Legend

GTP
GTP Footprint - Construction
PIPELINE
Alaska LNG Rev C2 Route

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

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

Other 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.

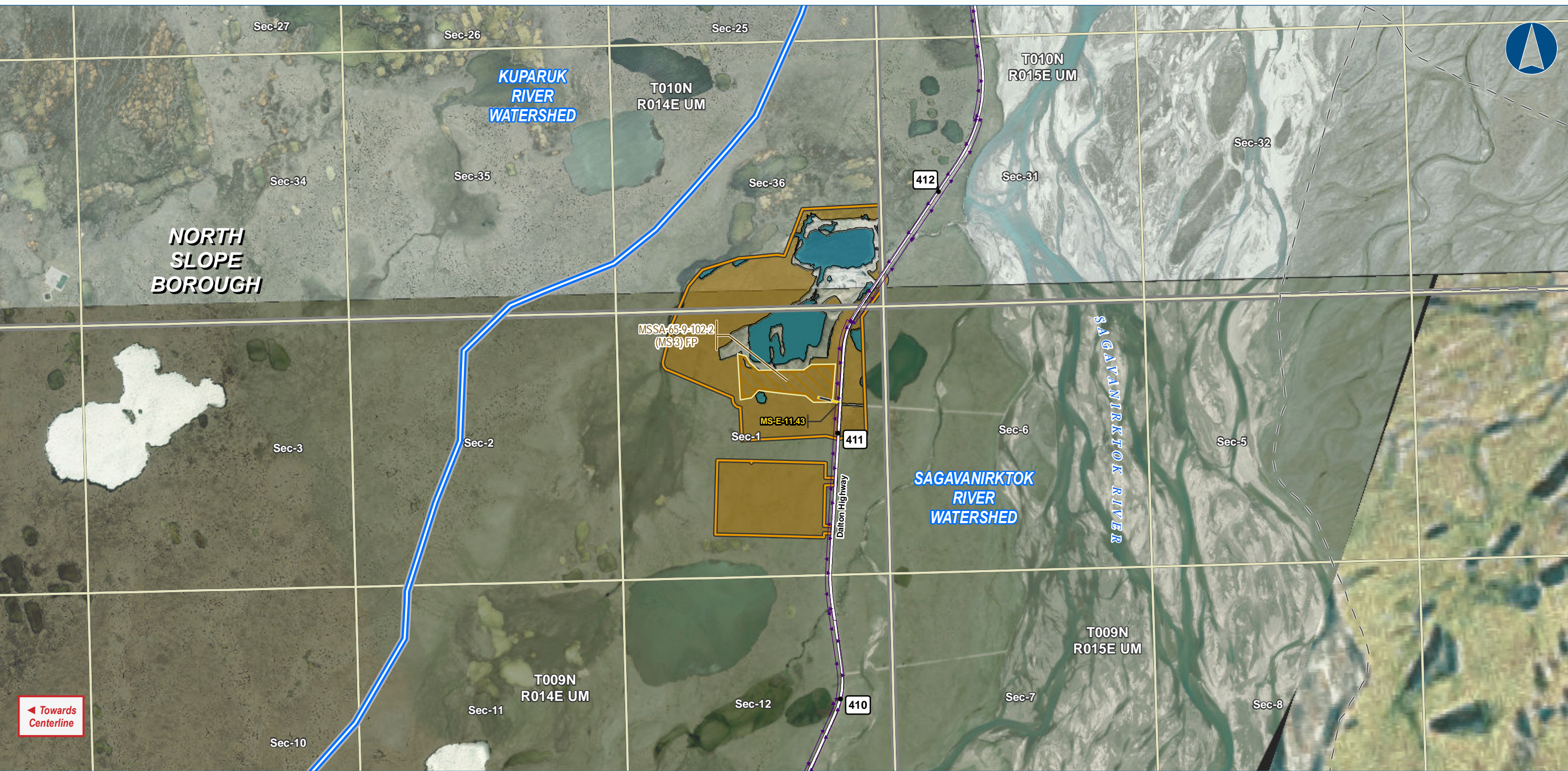
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 1



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

Buried Cable

Section

Township

Wetland Mapping Extent

Watershed Boundary

Wetland Area (areas not colored are uplands)

Open Water

PEM

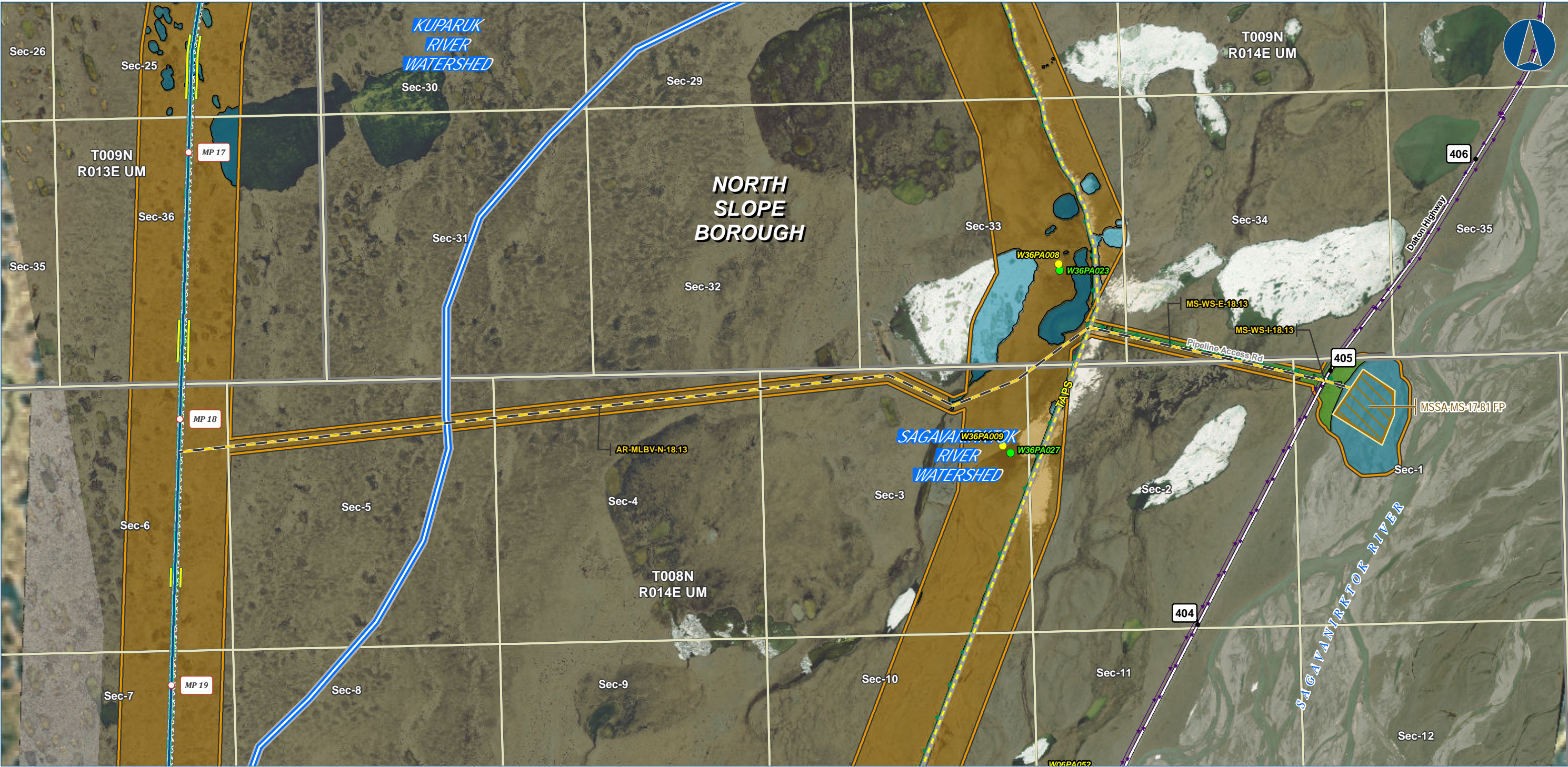
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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
0 1/4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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 2



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 3



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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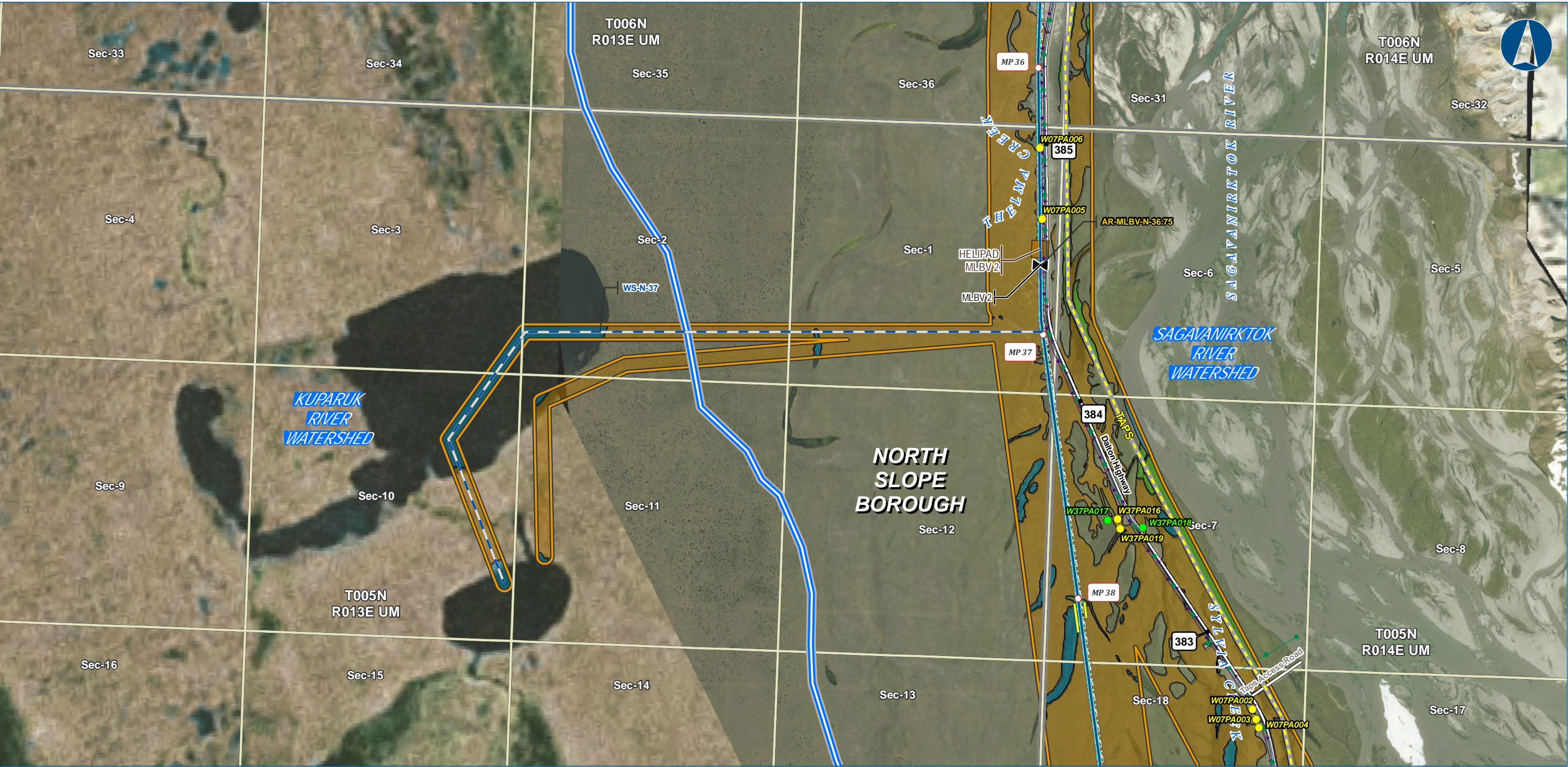
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 4



Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

Wetland Area (areas not colored are uplands)

- Permanent ROW
- Construction ROW
- ATWS

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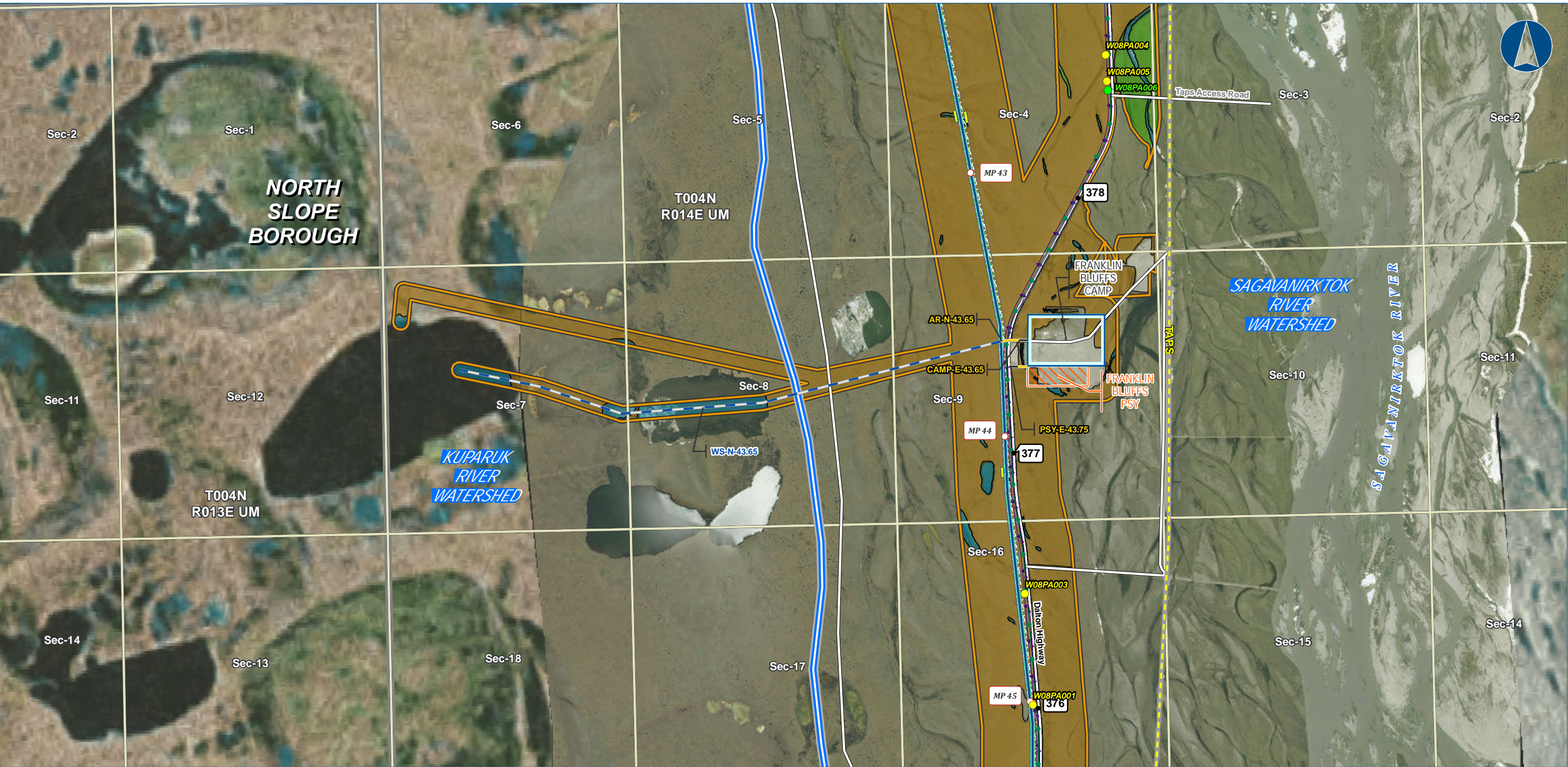
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 5



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

ROW

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 6



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Ice

EXISTING FEATURES

- Permanent ROW
- Construction ROW
- ATWS
- Existing Roads
- Off Road Trails
- TAPS
- Existing Pipeline
- Buried Cable
- Section
- Township
- Wetland Mapping Extent
- Wetland Field Verification Location
- Wetland Field Observation Location
- Watershed Boundary
- Open Water
- PEM
- PSS

Wetland Area (areas not colored are uplands)

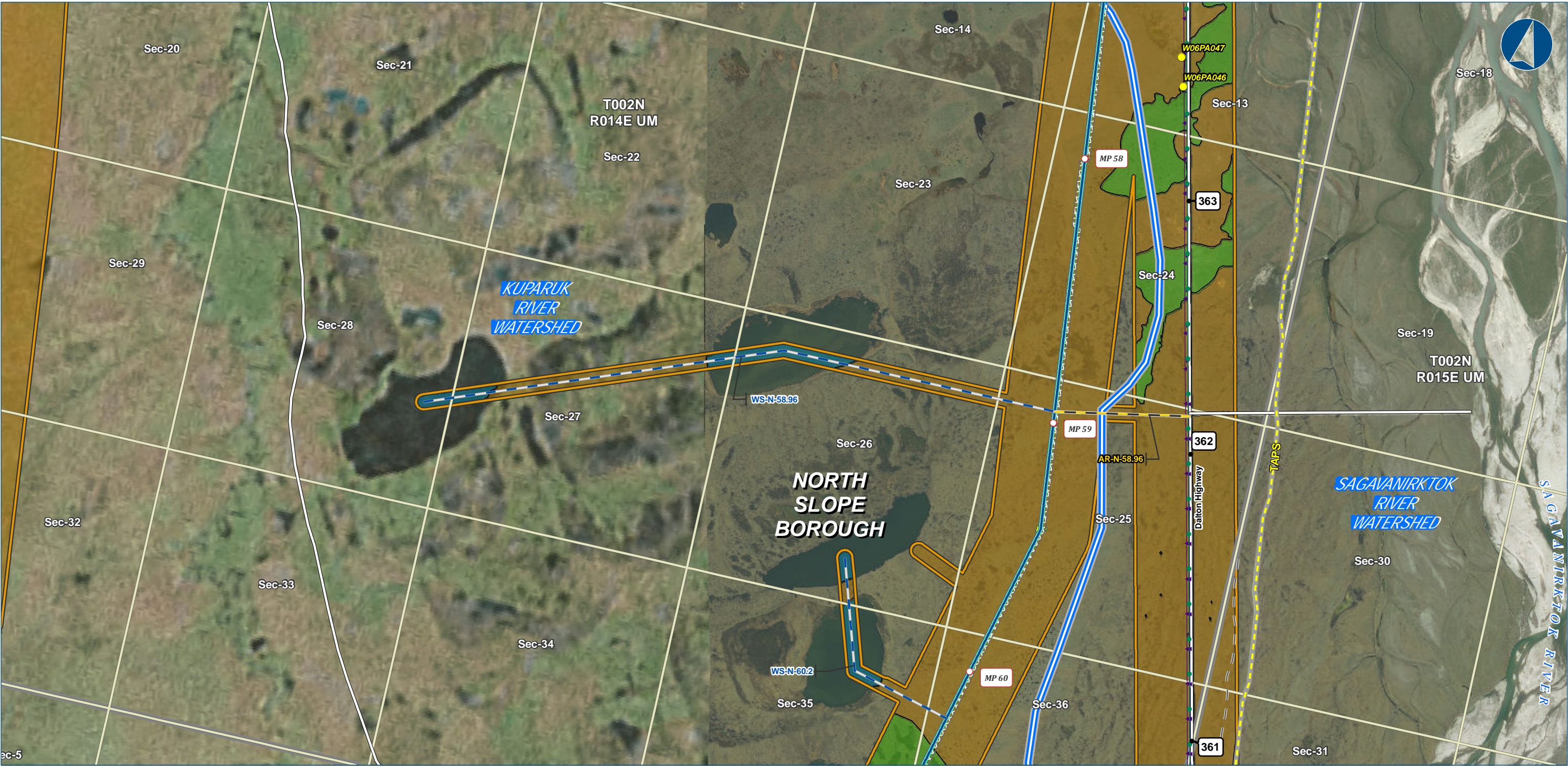
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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 7



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

- Permanent ROW
- Construction ROW
- ATWS

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 8



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

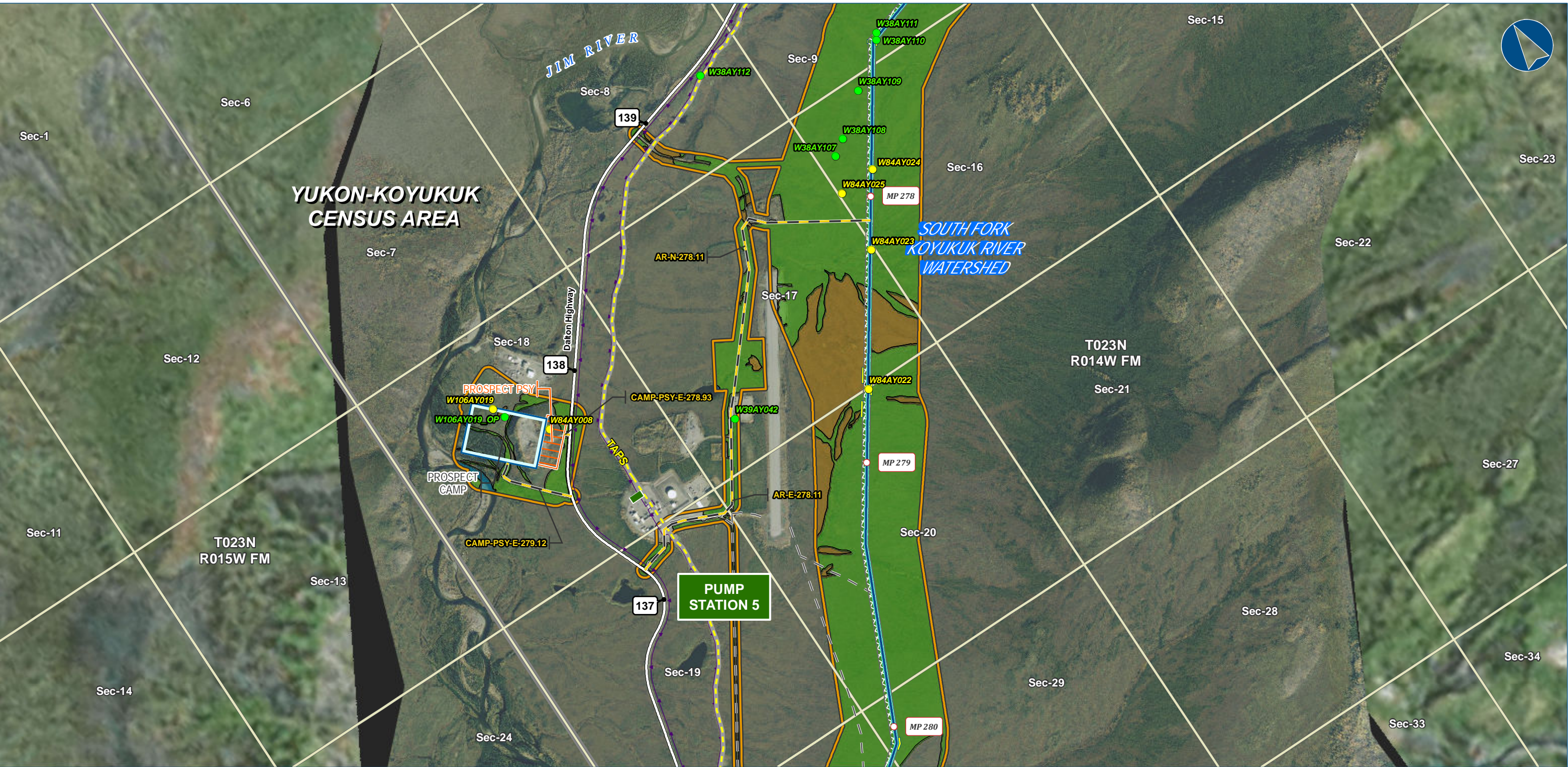
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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 9



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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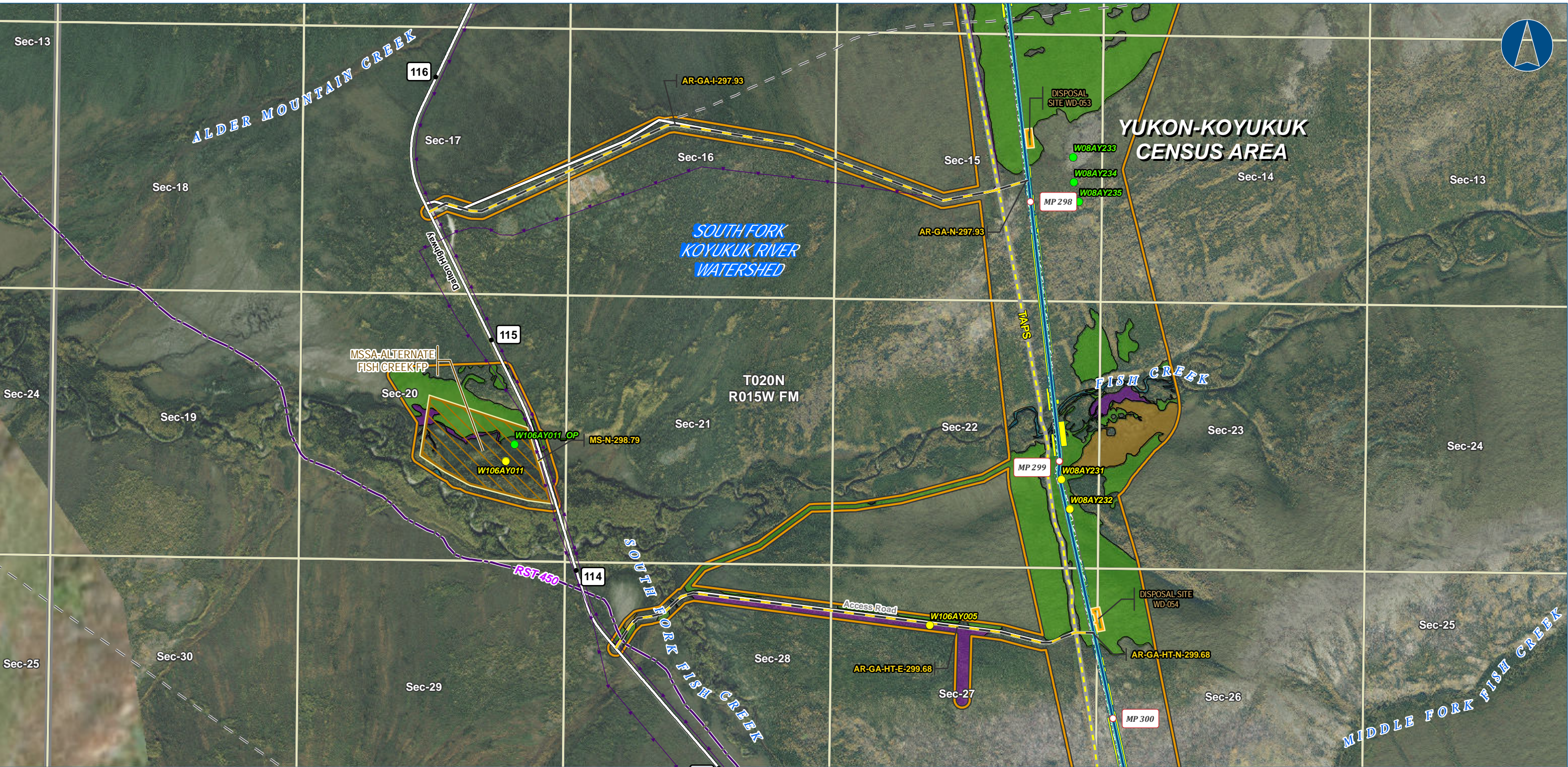
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 10



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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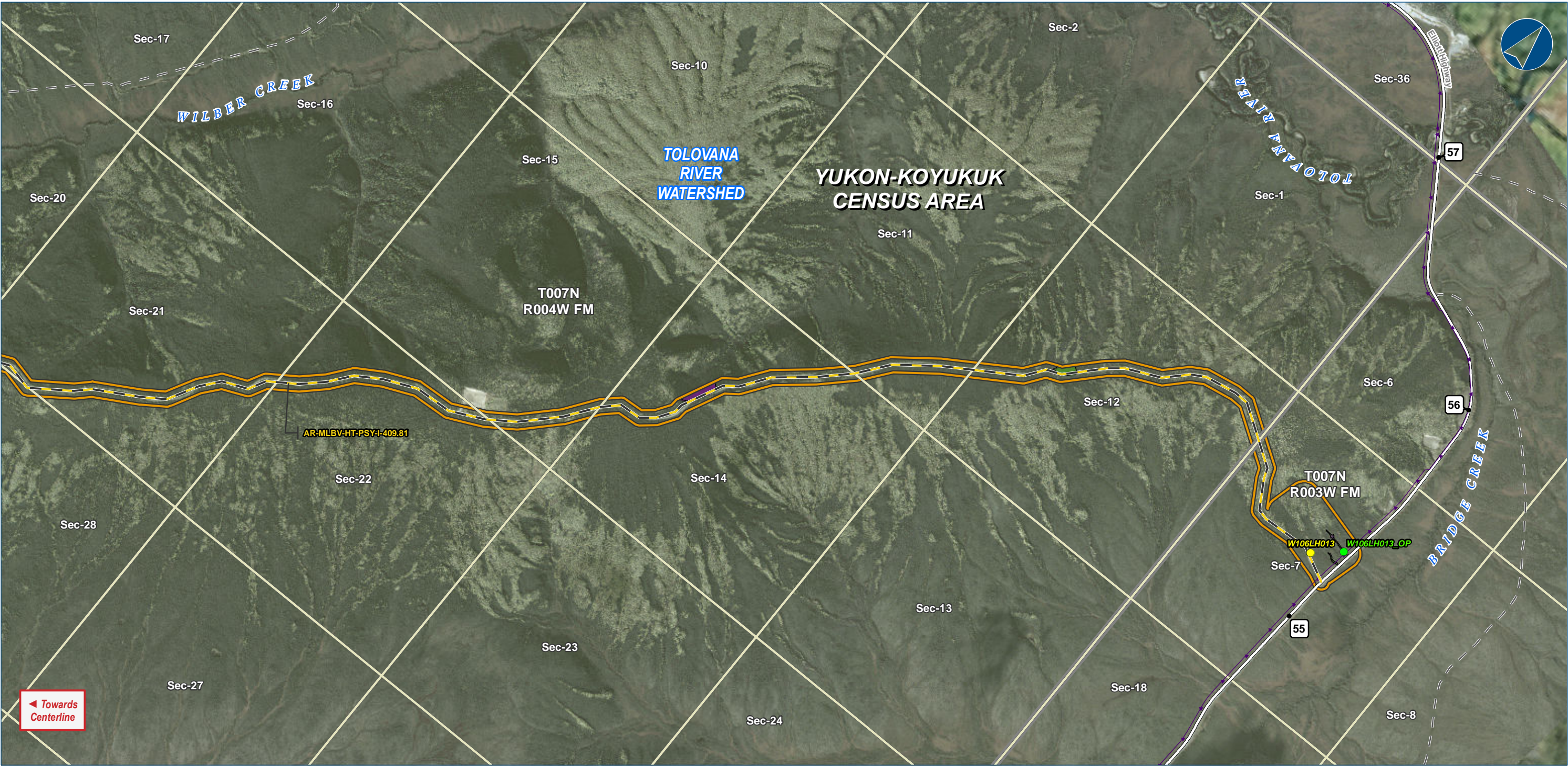
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 11



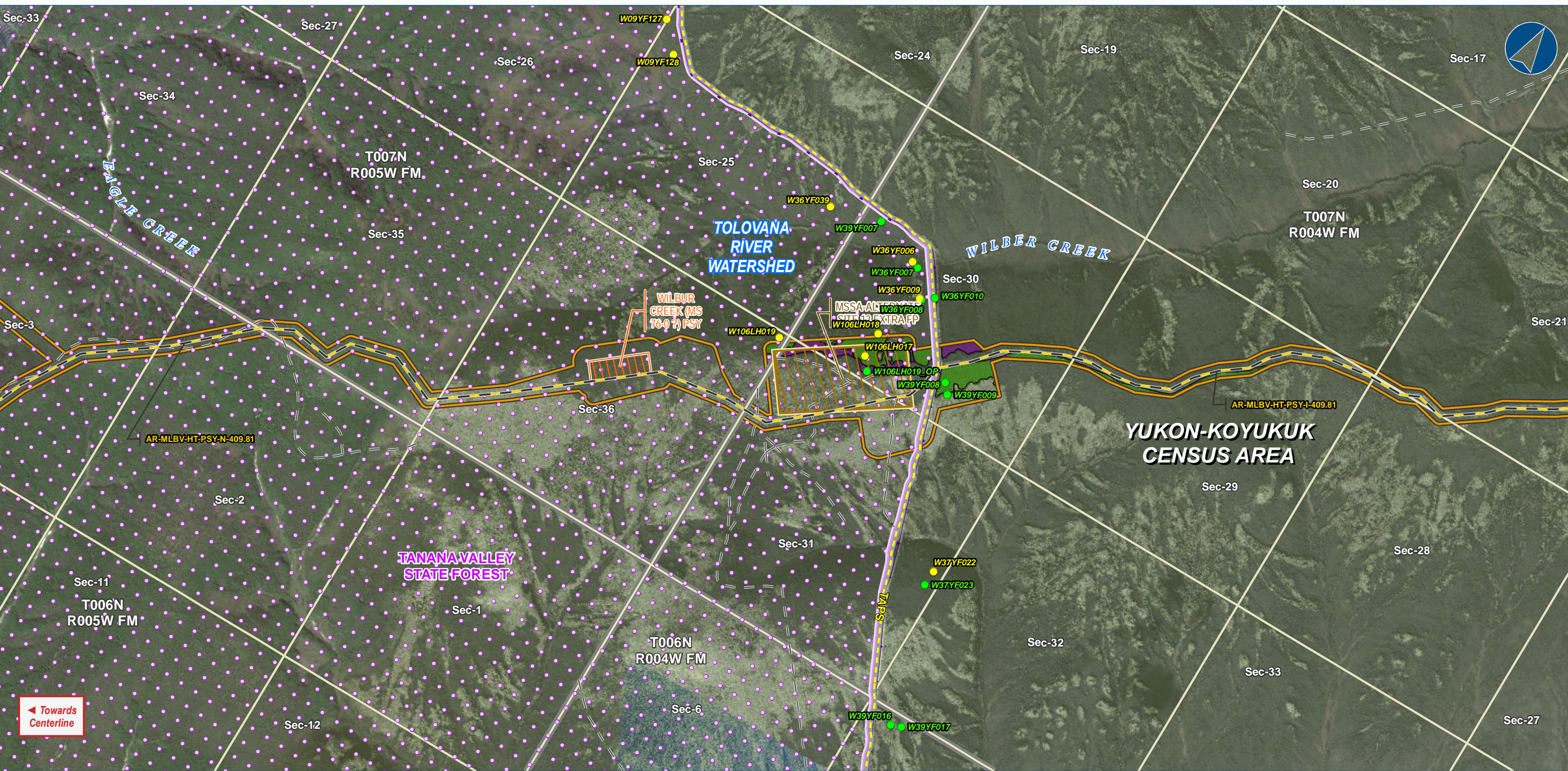
Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
 - Access Road - Gravel
- 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)
 - PFO
 - PSS
- PERMANENT ROW**
- Permanent ROW
 - Construction ROW
 - ATWS

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL	SHEET: 12



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Pipe Storage Yard (PSY)

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

TAPS

Buried Cable

Conservation Lands

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Wetland Area (areas not colored are uplands)

PFO

PSS

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

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

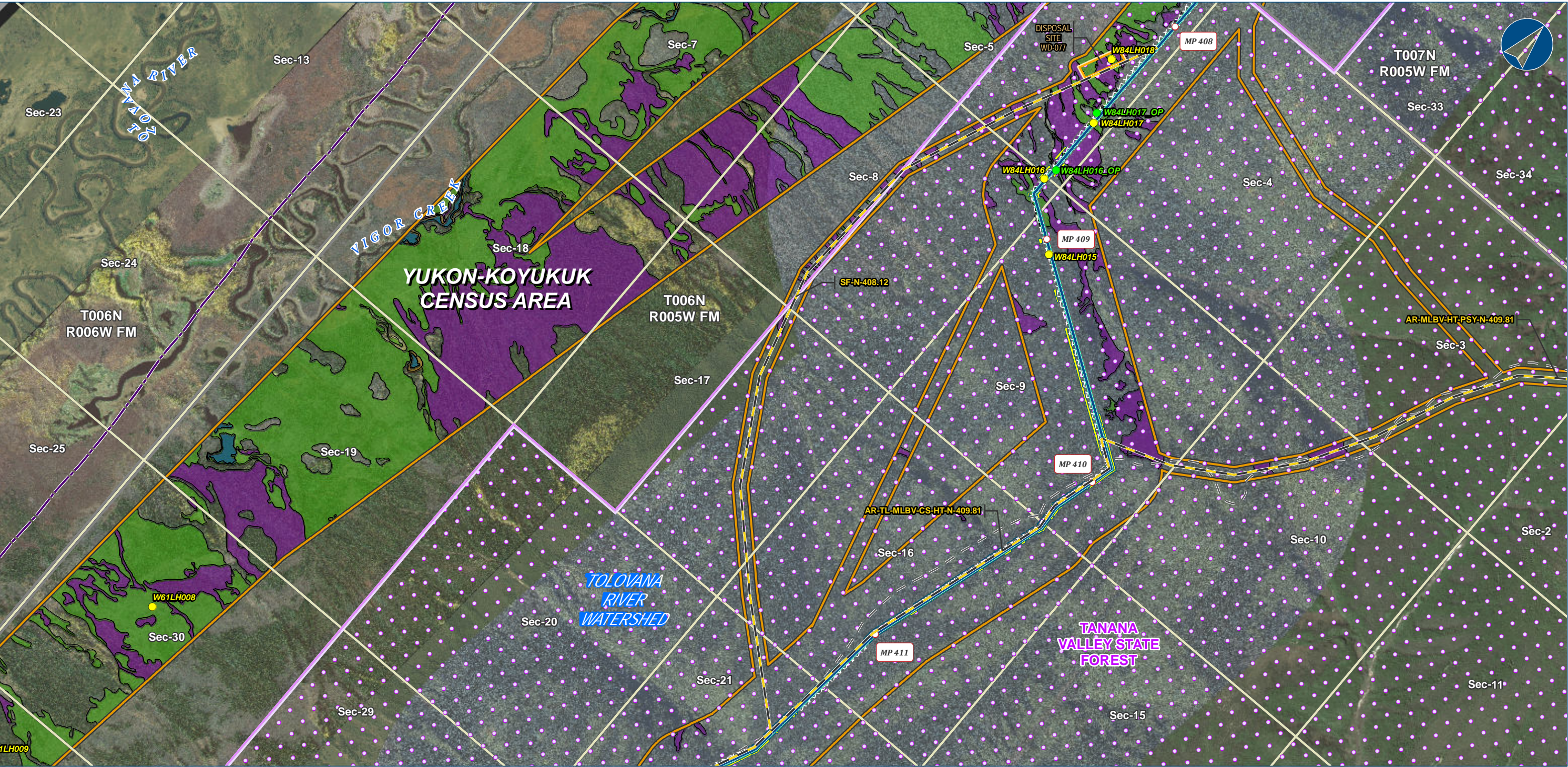
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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 13

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Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 14



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

TAPS

Existing Pipeline

Buried Cable

Alaska DOT Place Names

Section

Township

Welland Mapping Extent

Welland Field Verification Location

Welland Field Observation Location

Welland Area (areas not colored are uplands)

PSS

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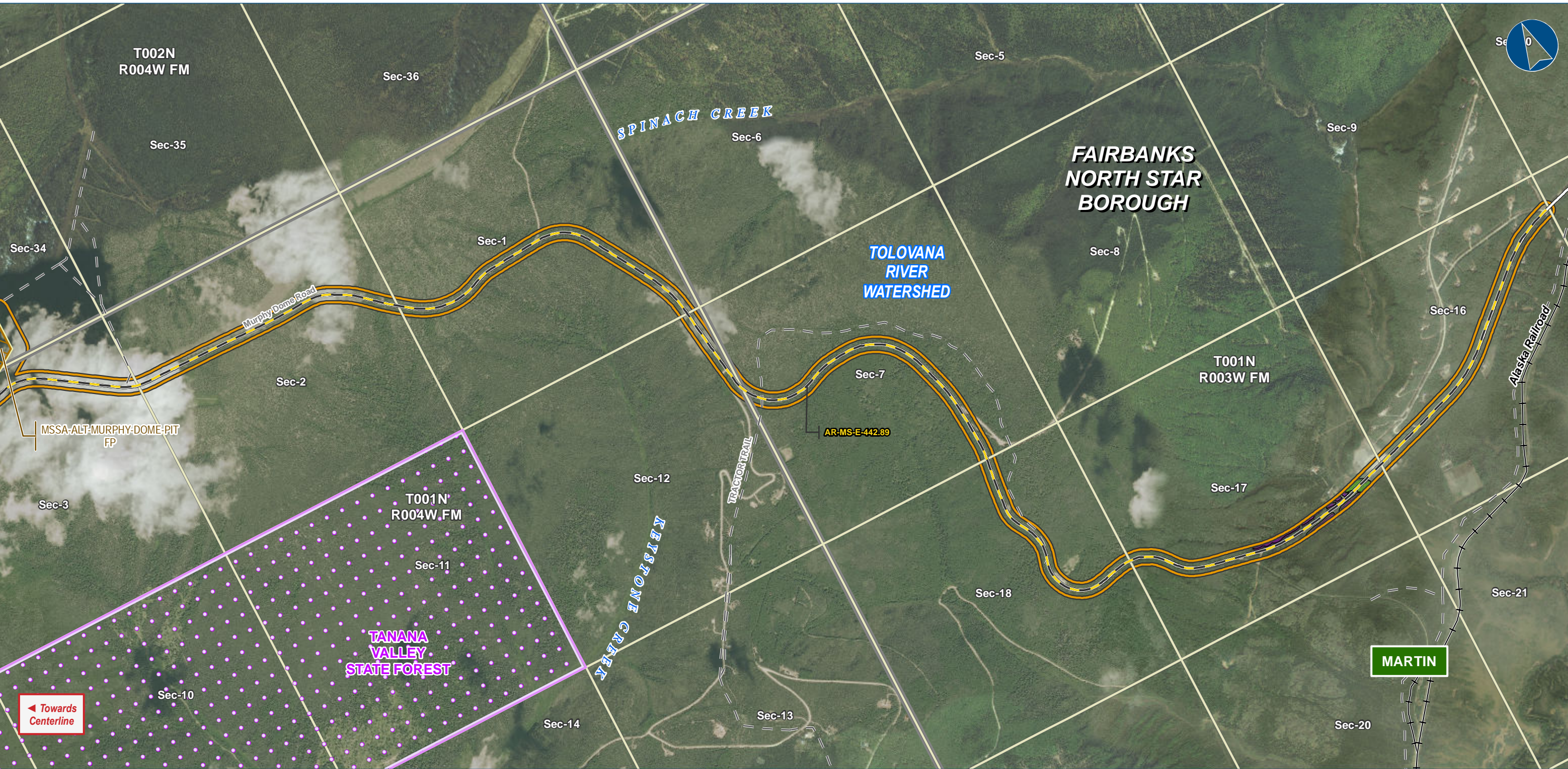
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 15



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Railroad

Off Road Trails

Conservation Lands

Alaska DOT Place Names

Section

Township

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

PFO

PSS

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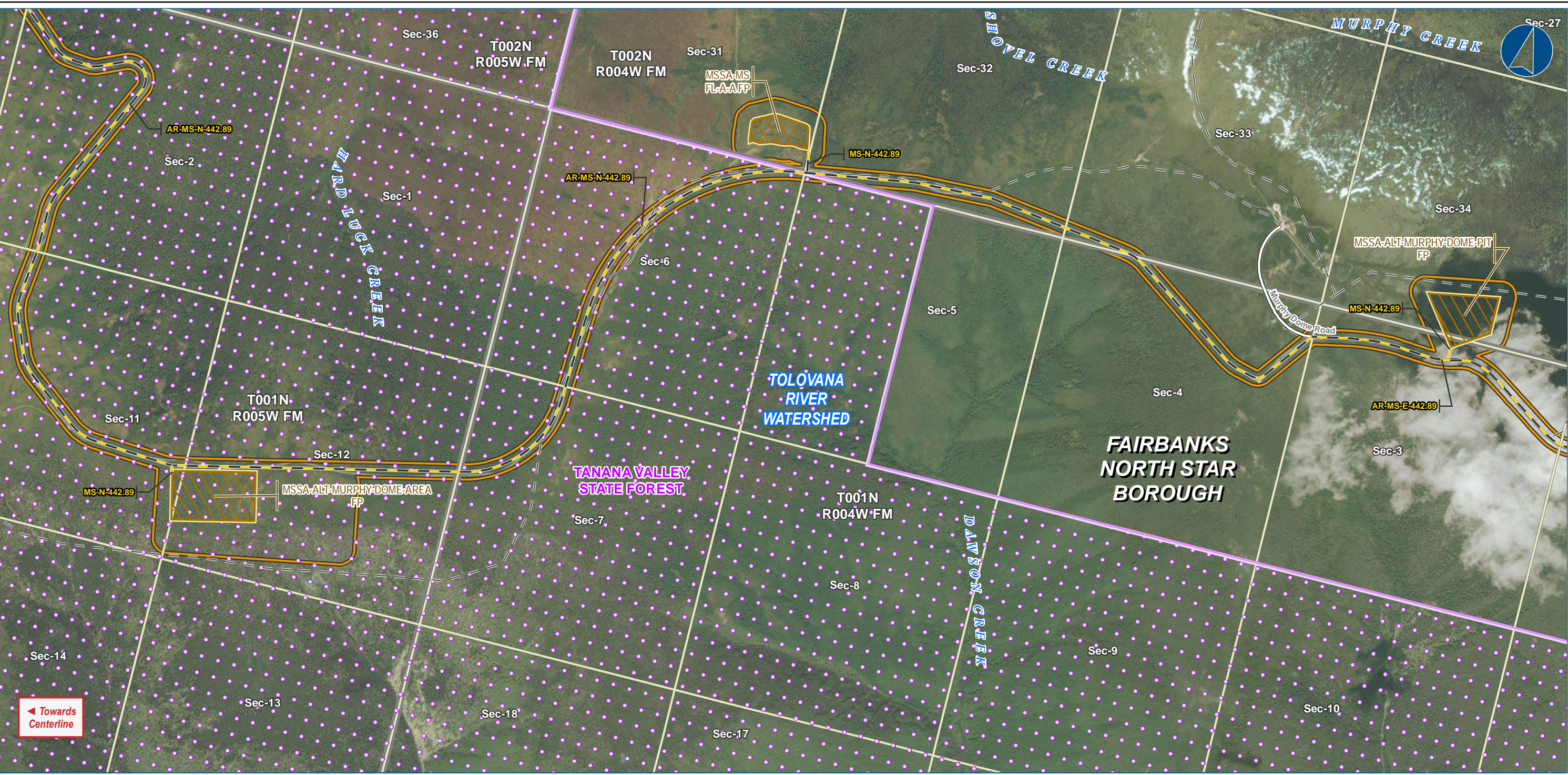
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 16



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

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

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

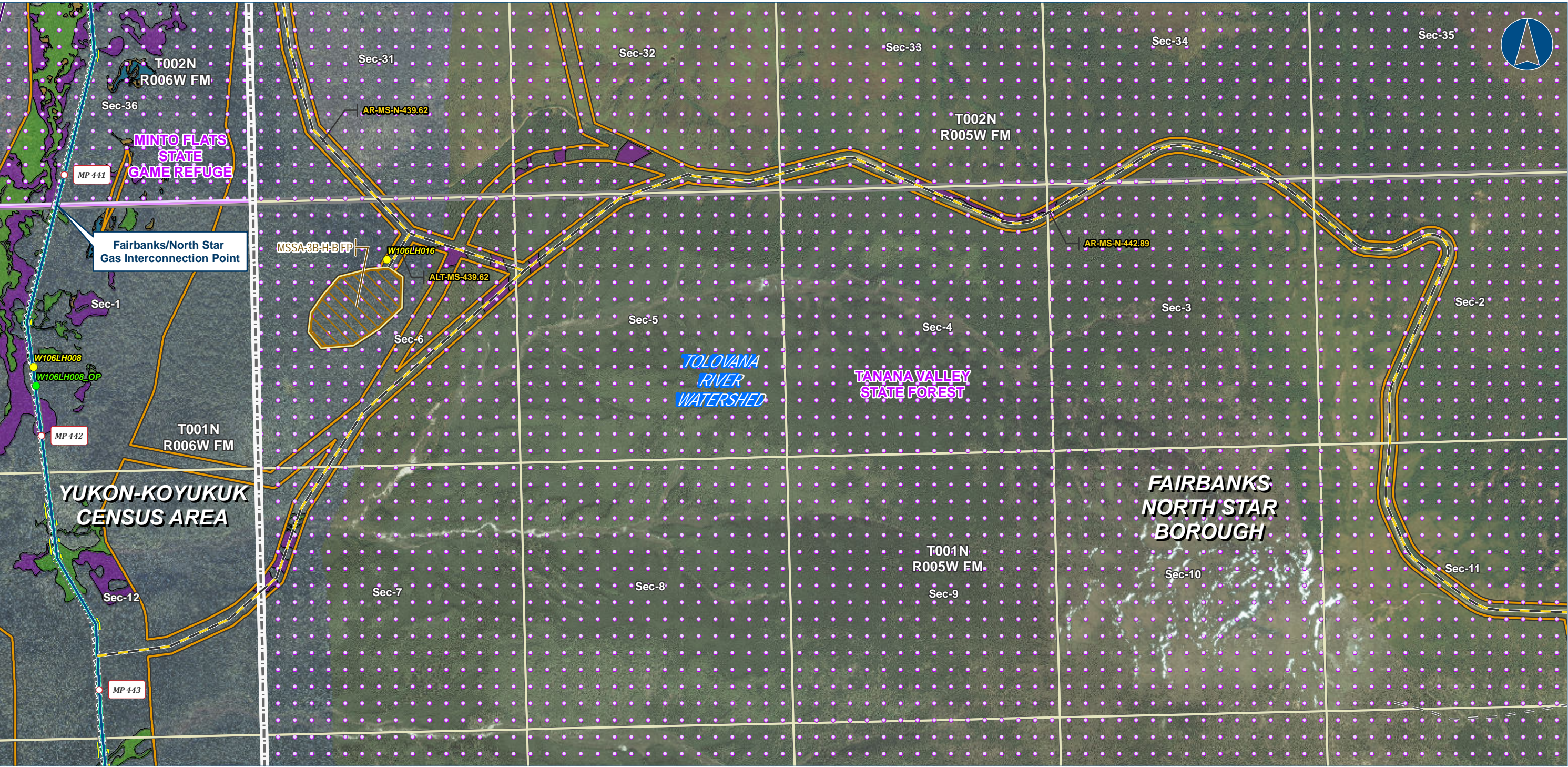
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE4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

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SHEET: 17



Alaska LNG Project

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)
- Open Water
- PEM
- PFO
- PSS

Other Legend Items

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

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 18



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route

EXISTING FEATURES

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

Wetland Mapping Extent

- Wetland Mapping Extent
- Watershed Boundary

Other Features

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

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

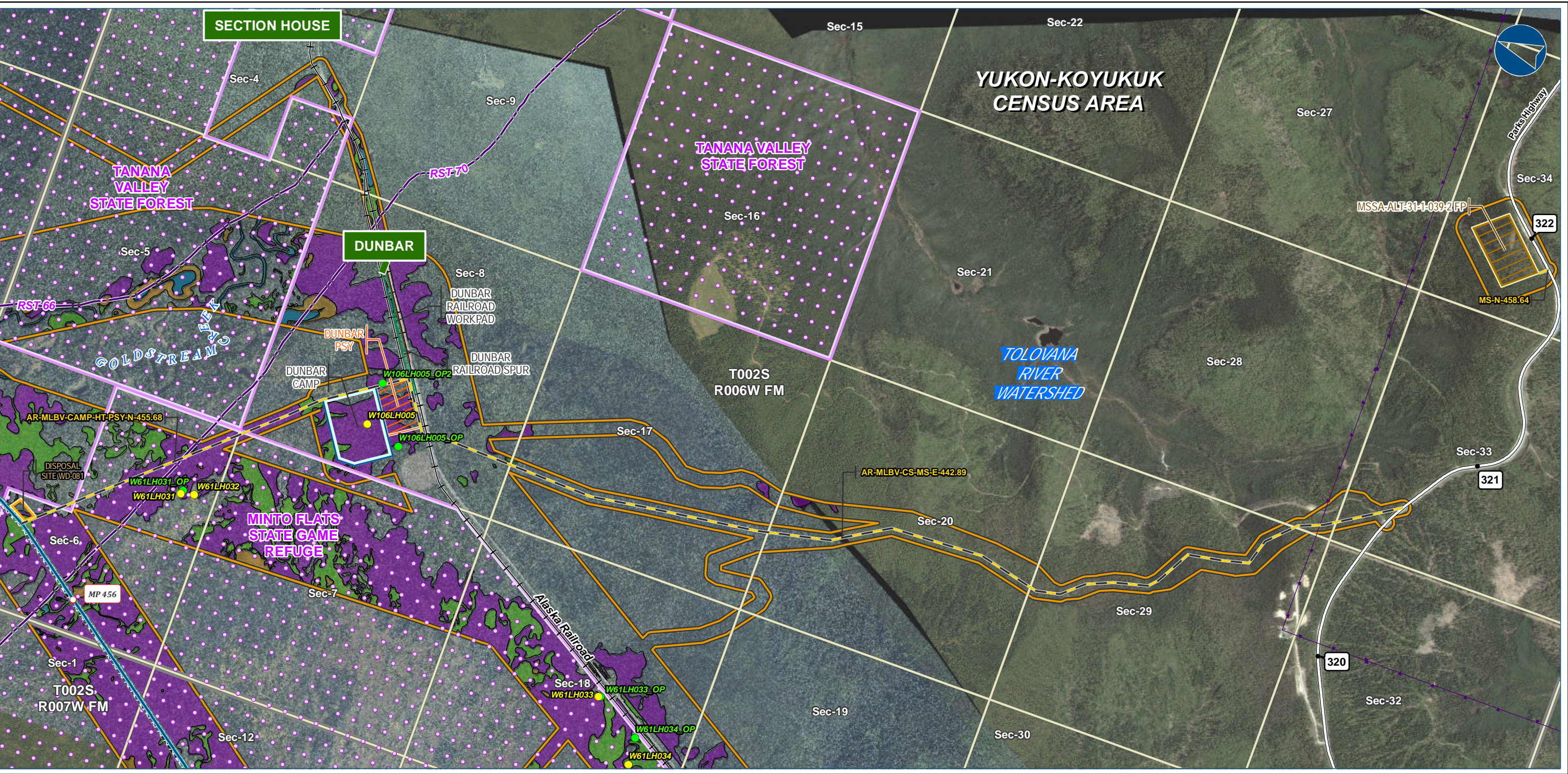
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	FAIRBANKS NORTH STAR	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
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DATE: 2017-03-14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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 19



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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

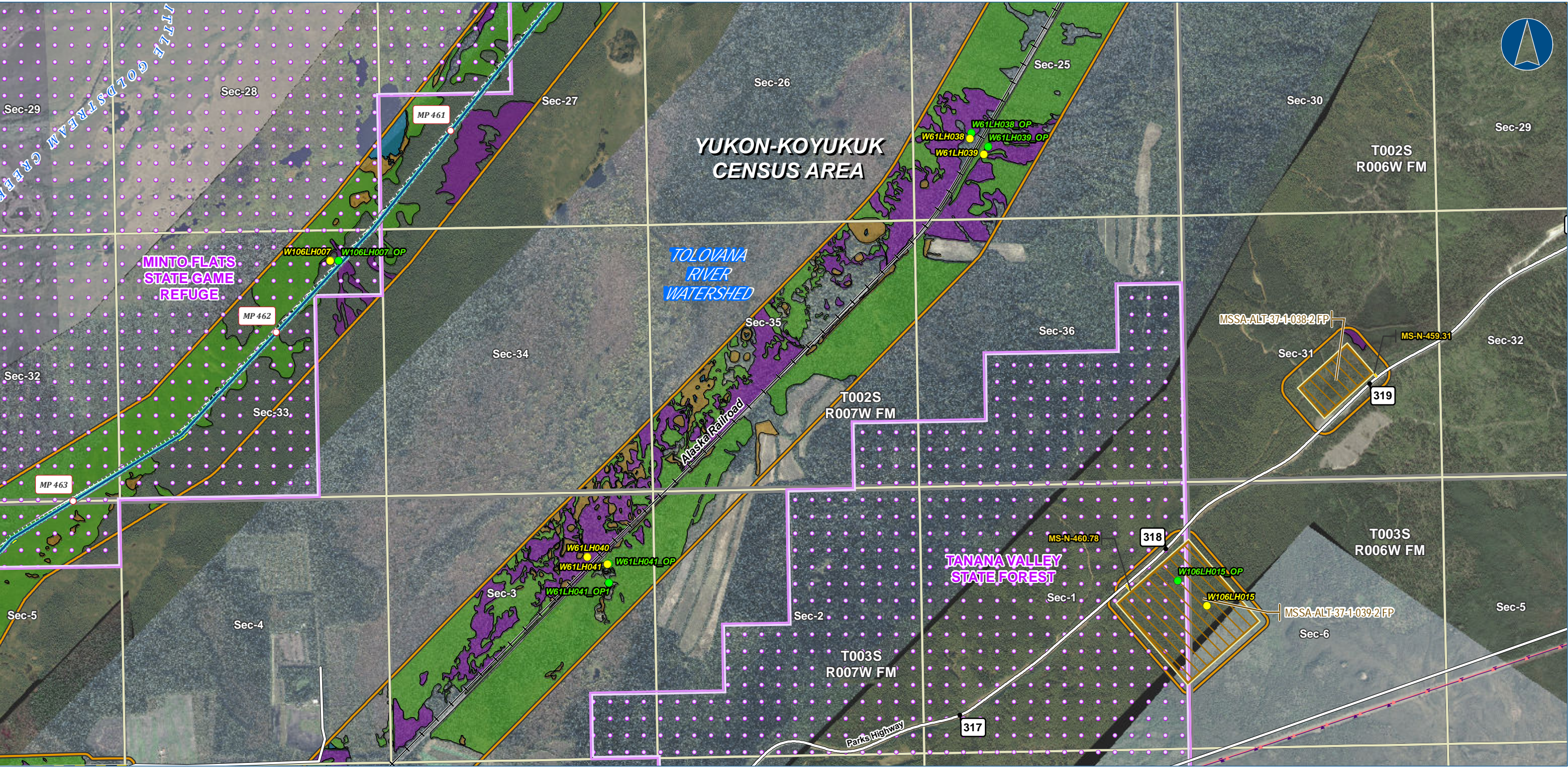
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
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DATE: 2017-03-14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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 20



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- 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 Symbols

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

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

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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 21



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Railroad

Buried Cable

Overhead Powerline

Incorporated City Boundary

Alaska DOT Place Names

Section

Township

Wetland Mapping Extent

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

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

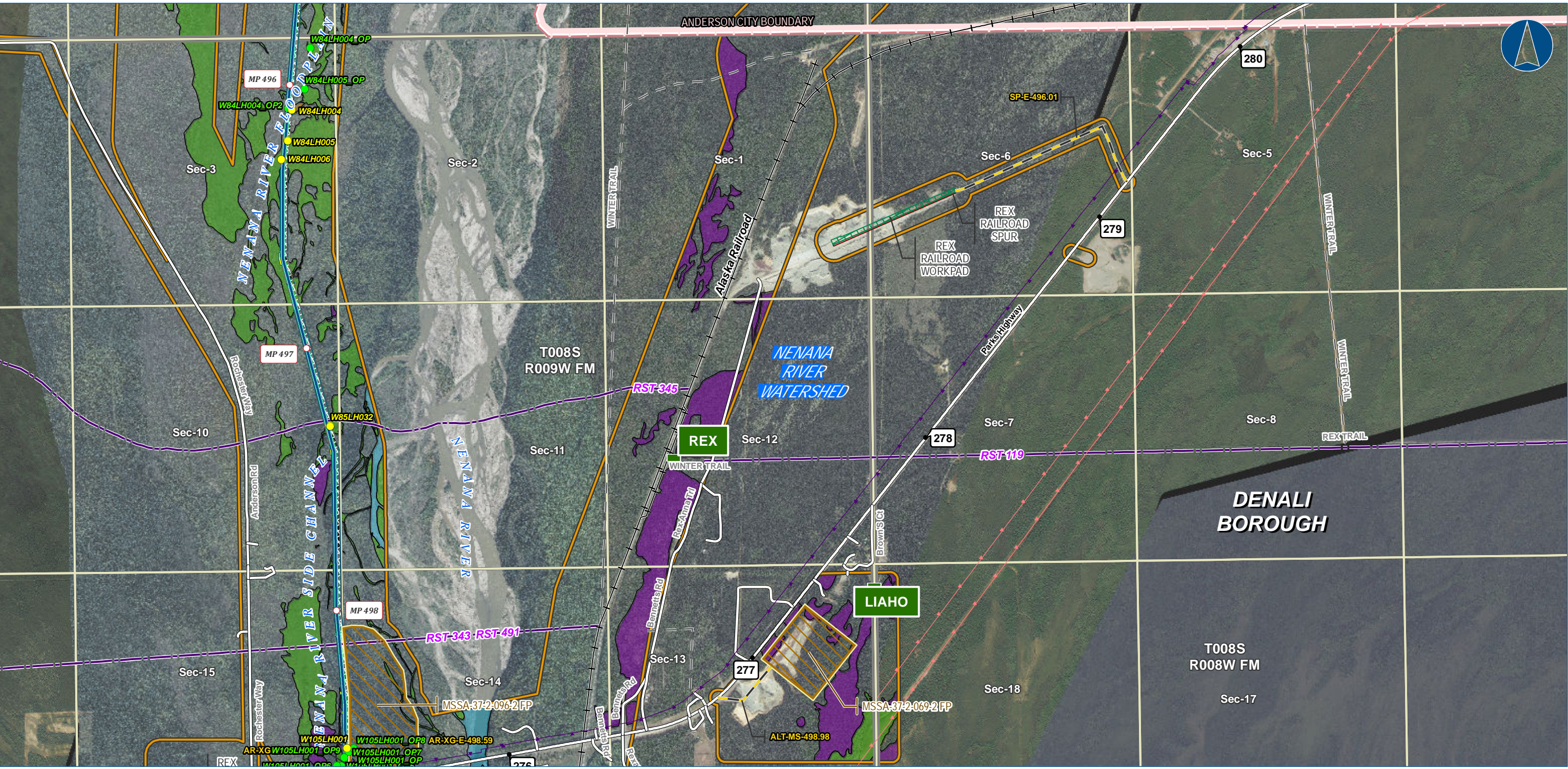
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE:	2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 22



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 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
- 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		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 23



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Railroad
- Revised Statute 2477 Trail
- Off Road Trails
- Existing Pipeline
- 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

Other Features

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

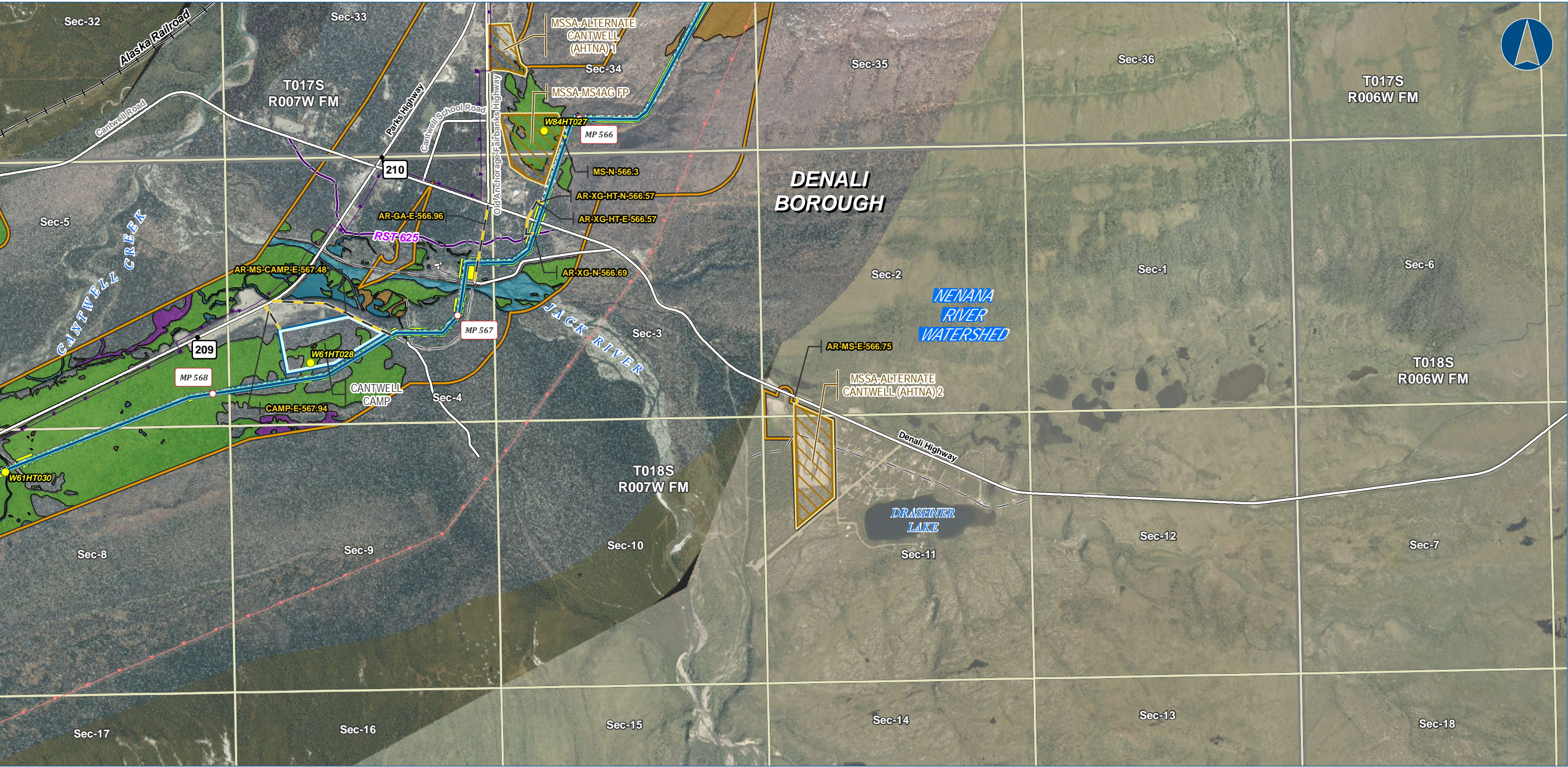
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ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14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

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 24



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
- 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
- Material Site Study Area (MSSA)

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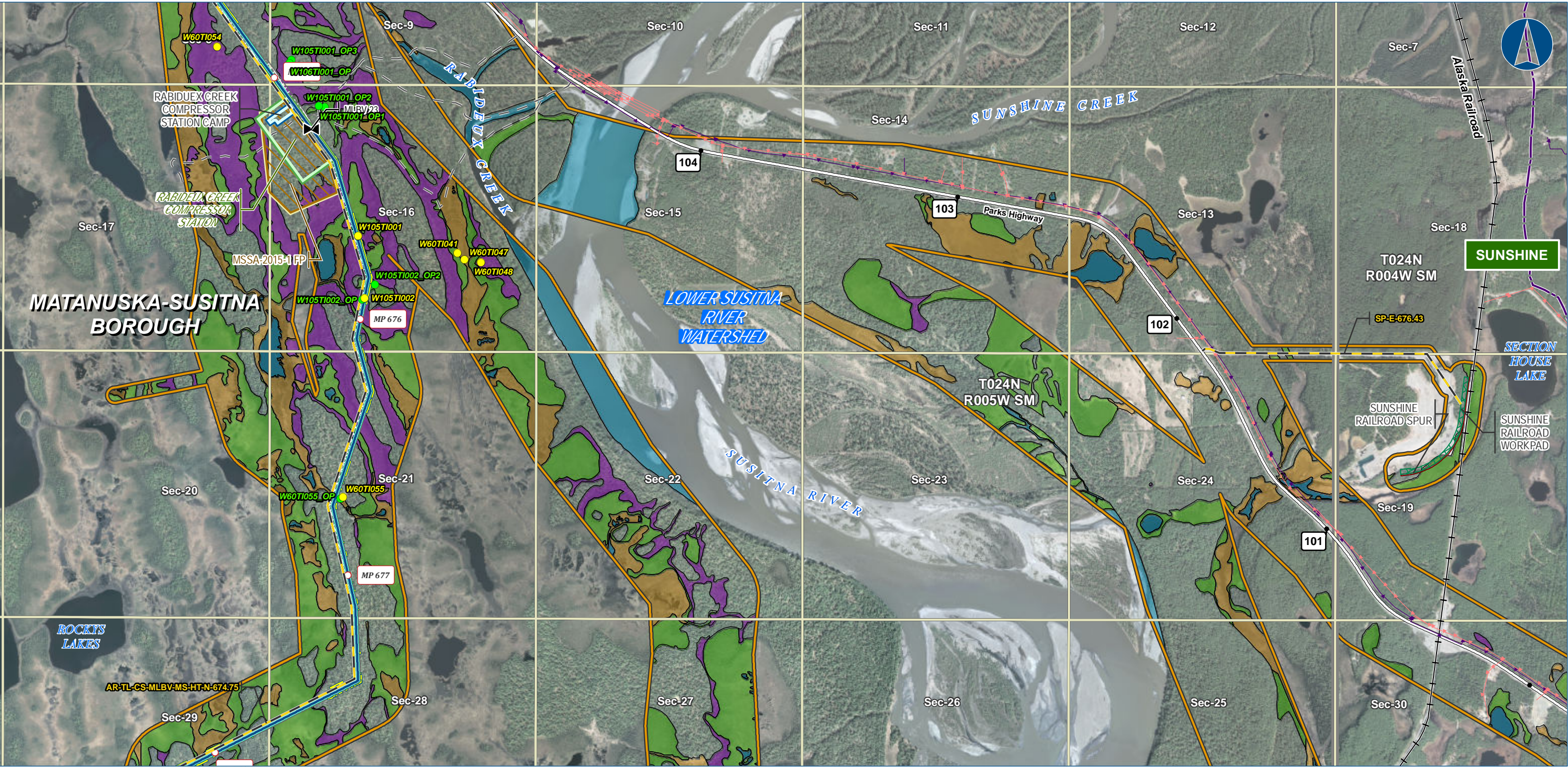
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	DENALI	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 25



Alaska LNG Project

Legend

PIPELINE

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

Wetland Mapping Extent

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

EXISTING FEATURES

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

Legend

- Permanent ROW
- Construction ROW
- ATWS
- Compressor Station
- Camp
- 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		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL

SHEET: 26



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route

EXISTING FEATURES

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

Wetland Mapping Extent

- Wetland Mapping Extent
- Watershed Boundary

Other Features

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

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

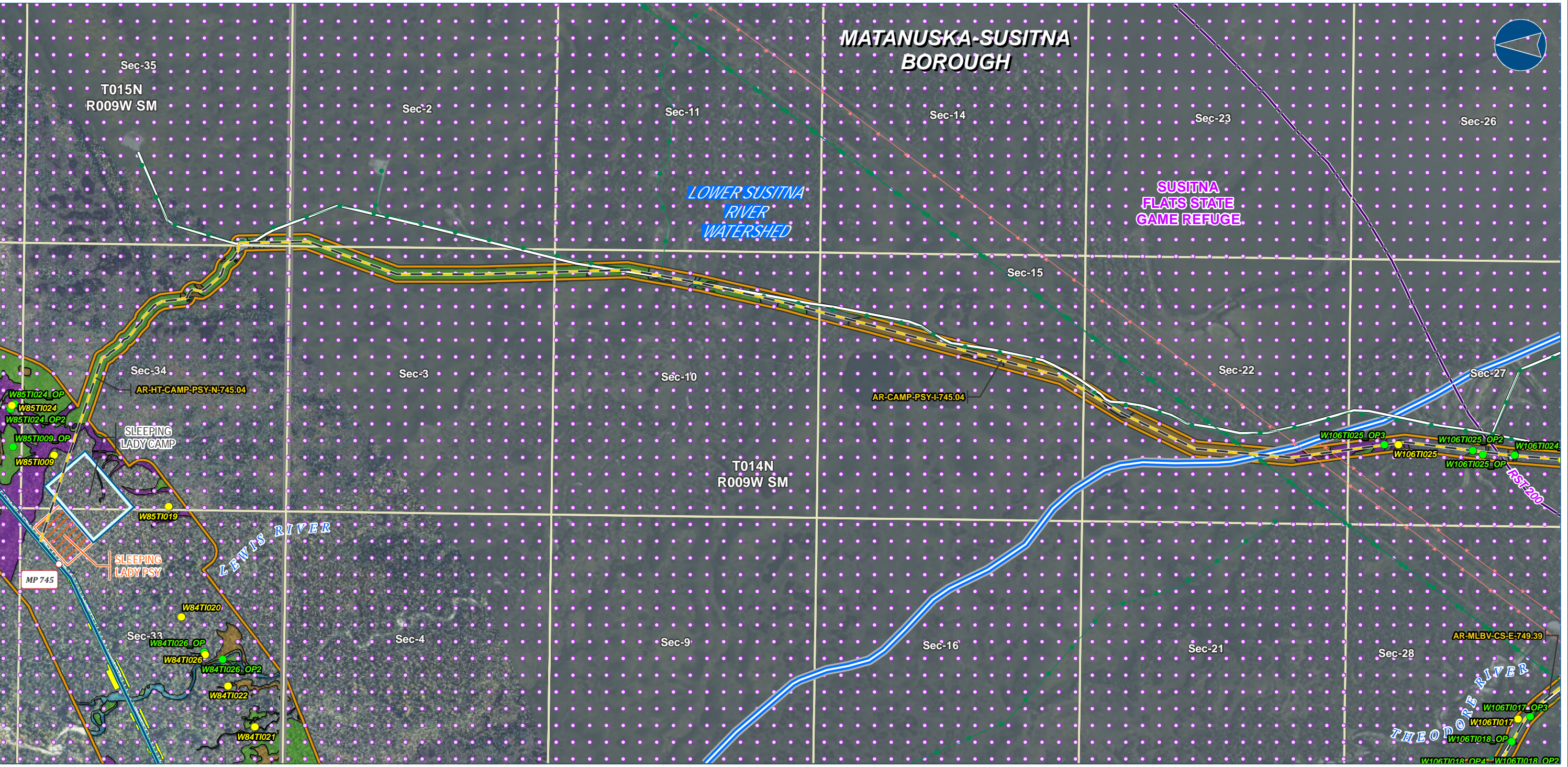
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:24,000		
DATE: 2017-03-14	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4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

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SHEET: 27



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

- Existing Roads
- Revised Statute 2477 Trail
- Existing Pipeline
- Overhead Powerline
- Conservation Lands
- 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
- Off ROW Camp
- Pipe Storage Yard (PSY)

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

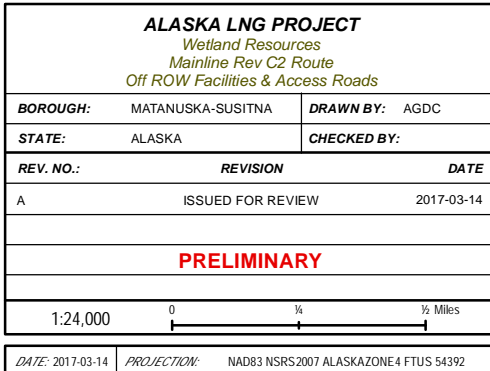
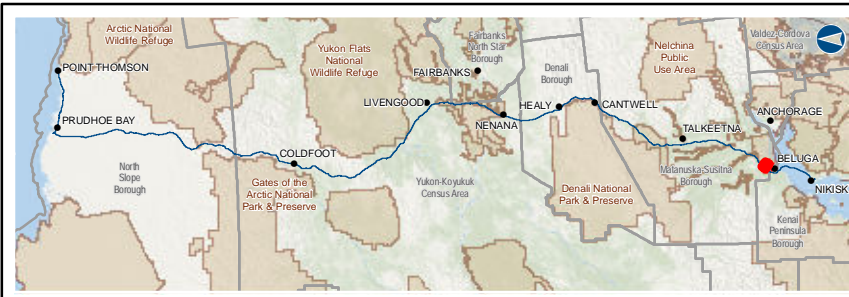
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
Off ROW Facilities & Access Roads		
BOROUGH:	MATANUSKA-SUSITNA	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
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DATE: 2017-03-14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

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SHEET: 28



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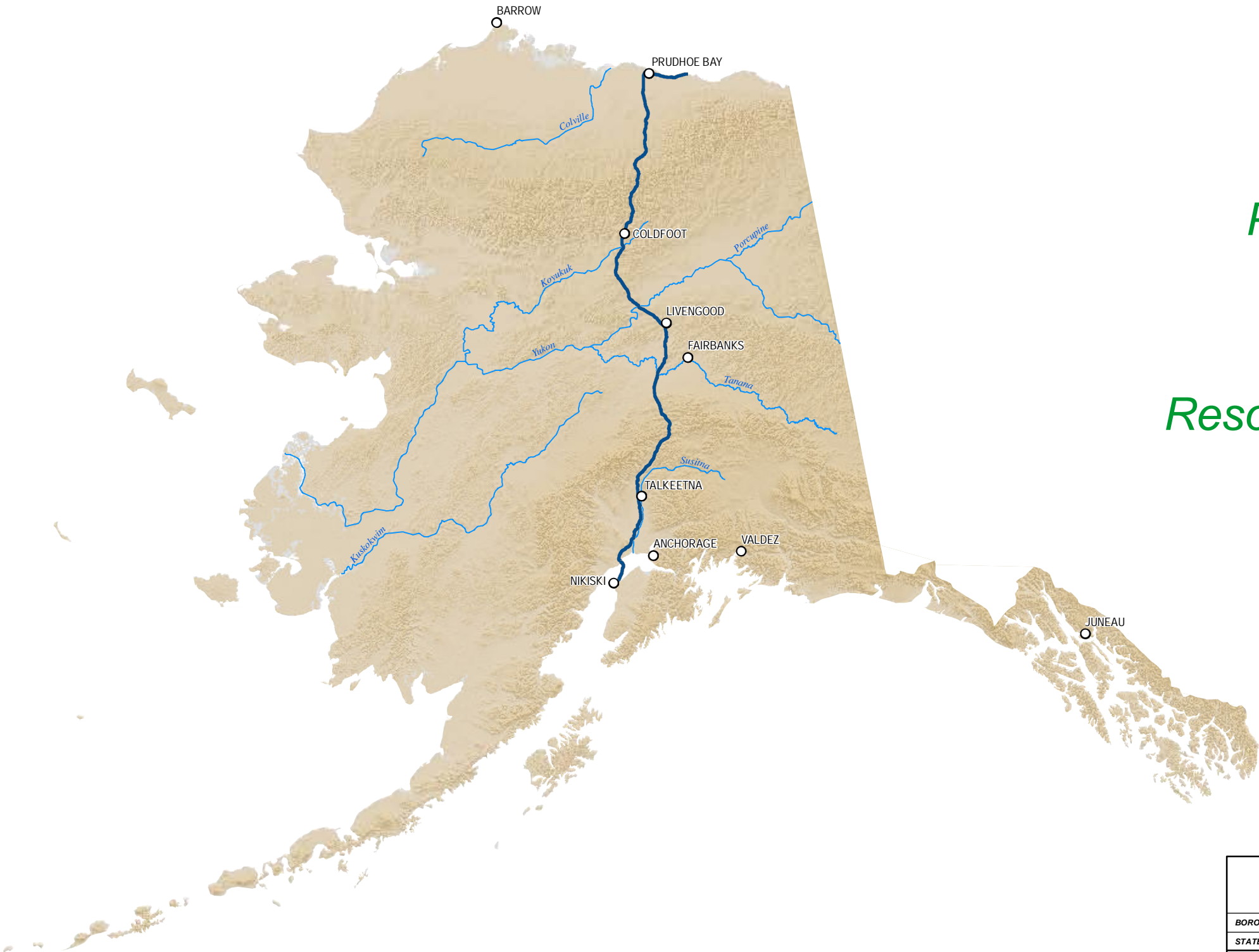
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Alaska LNG Project

Wetland Resources
Point Thomson Rev C Route
Off ROW Facilities &
Access Roads

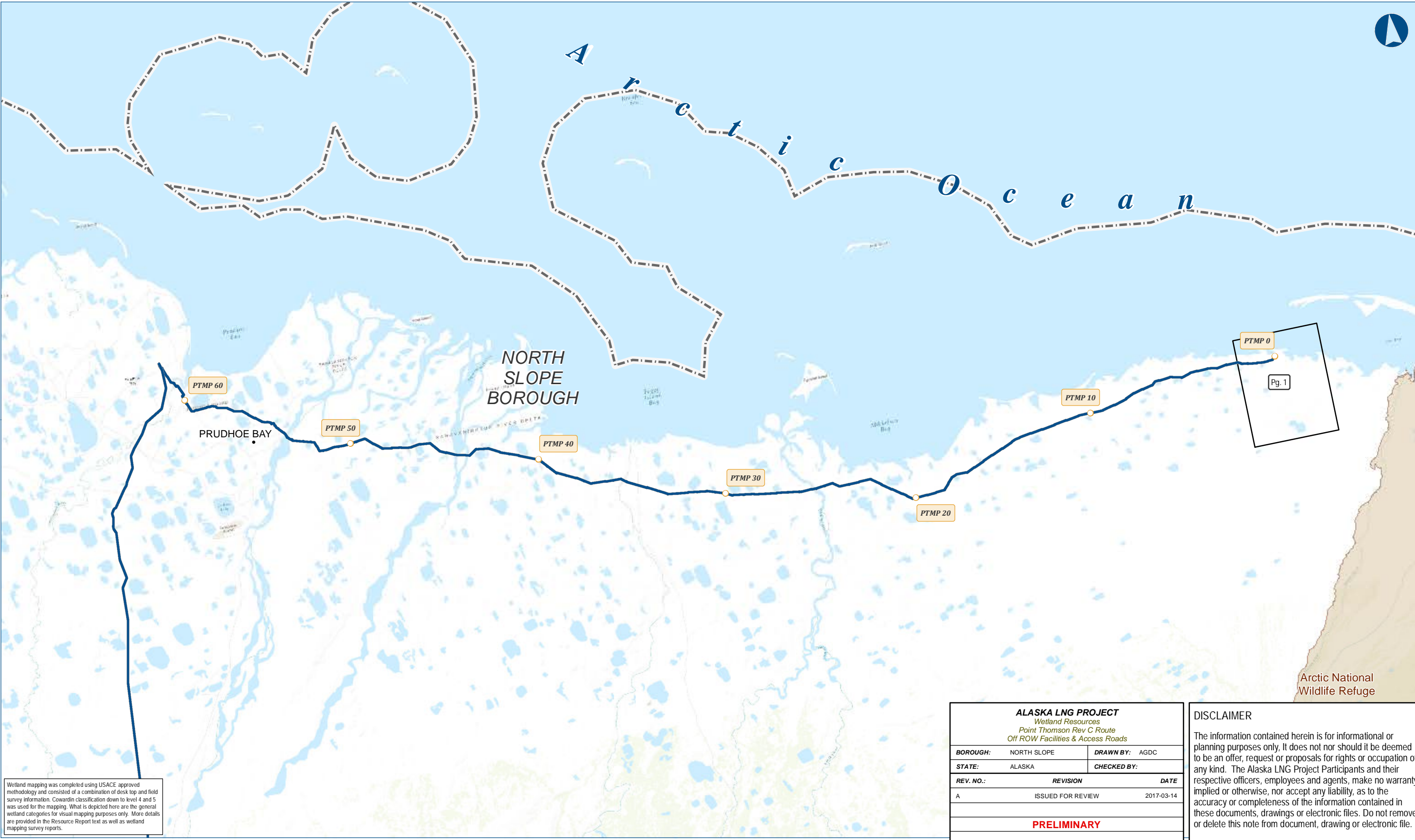
Resource Report 2, Appendix F4
Aerial Mapping



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

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

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DWG: RR2_APPENDIX_F4_PT_OFF_ROW_AERIAL_REV_C_CL_COVER SHEET: COVER PAGE



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

ALASKA LNG PROJECT		
Wetland Resources		
Point Thomson Rev C Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
1:281,485	0 3 6 Miles	
DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_3_4_PT_OFF_ROW_INDEX_REV_C_CL SHEET: PT-OFF-INDEX

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Alaska LNG Project

Legend

PIPELINE

- Point Thomson Transmission Line
- Ice Pad Access Road
- Meter Station
- Permanent ROW
- Construction ROW

EXISTING FEATURES

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

Wetland Mapping Extent

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

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

ALASKA LNG PROJECT		
Wetland Resources		
Point Thomson Rev C Route		
Off ROW Facilities & Access Roads		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
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A	ISSUED FOR REVIEW	2017-03-29
PRELIMINARY		
1:24,000		
DATE: 2017-03-29	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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SHEET: 1