

ALASKA LNG PROJECT	DOCKET No. CP17-____-000 RESOURCE REPORT No. 2 APPENDIX F – WETLAND MAPPING	DOC No: USAI-PE-SRREG-00- 000002-000 DATE: APRIL 14, 2017 REVISION: 0
	PUBLIC	

APPENDIX F WETLAND MAPPING

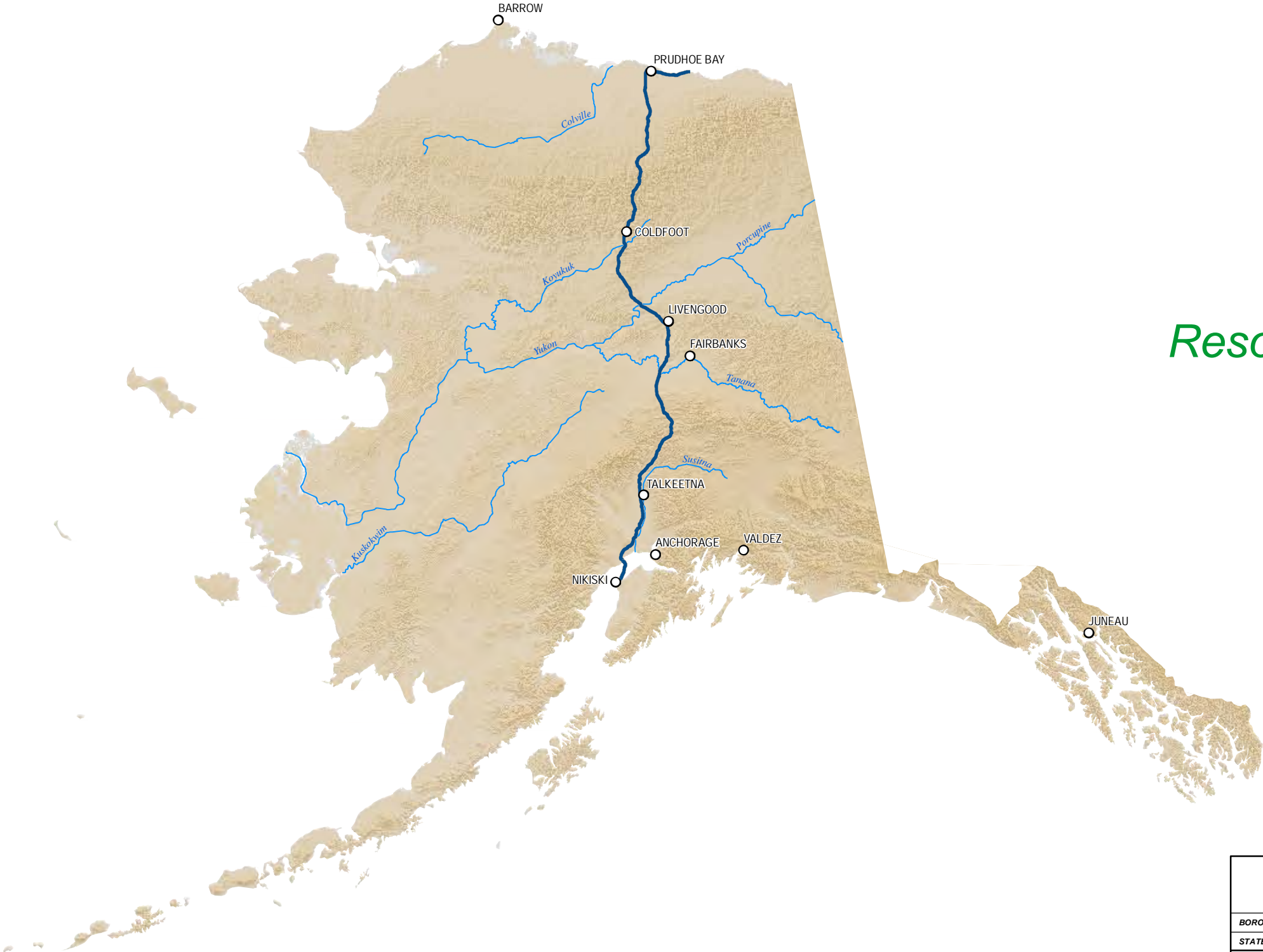
The following maps are included within this appendix (provided under separate cover).

- F1 Wetland Resources, Mainline Rev C2 Route, Topographical Mapping
- F1 Wetland Resources, Point Thomson Rev C Route, Topographical Mapping
- F2 Wetland Resources, Mainline Rev C2 Route, Aerial Mapping
- F2 Wetland Resources, Point Thomson Rev C Route, Aerial Mapping
- F3 Wetland Resources, Mainline Rev C2 Route, Off ROW Facilities and Access Roads,
Topographical Mapping
- F3 Wetland Resources, Point Thomson Rev C Route, Off ROW Facilities and Access Roads,
Topographical Mapping
- F4 Wetland Resources, Mainline Rev C2 Route, Off ROW Facilities and Access Roads, Aerial
Mapping
- F4 Wetland Resources, Point Thomson Rev C Route, Off ROW Facilities and Access Roads, Aerial
Mapping

Alaska LNG Project

Wetland Resources Mainline Rev C2 Route

Resource Report 2, Appendix F1 Topographical Mapping



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

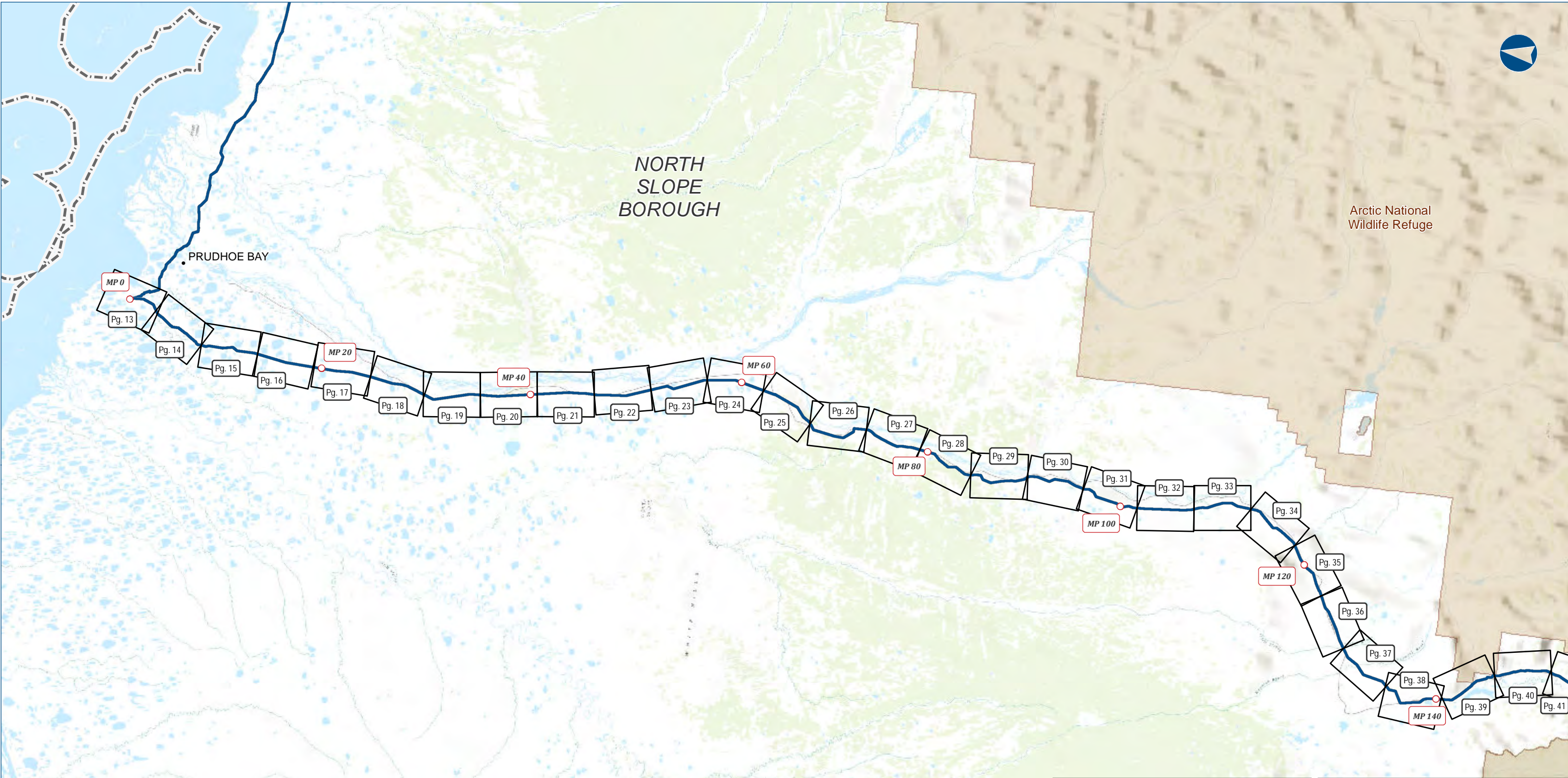
ALASKA LNG PROJECT		
Wetland Resources		
Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-13
PRELIMINARY		
1:10,000,000	0 100 200 Miles	
DATE: 2017-03-13	PROJECTION: NAD 1983 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL_COVER

SHEET: COVER PAGE

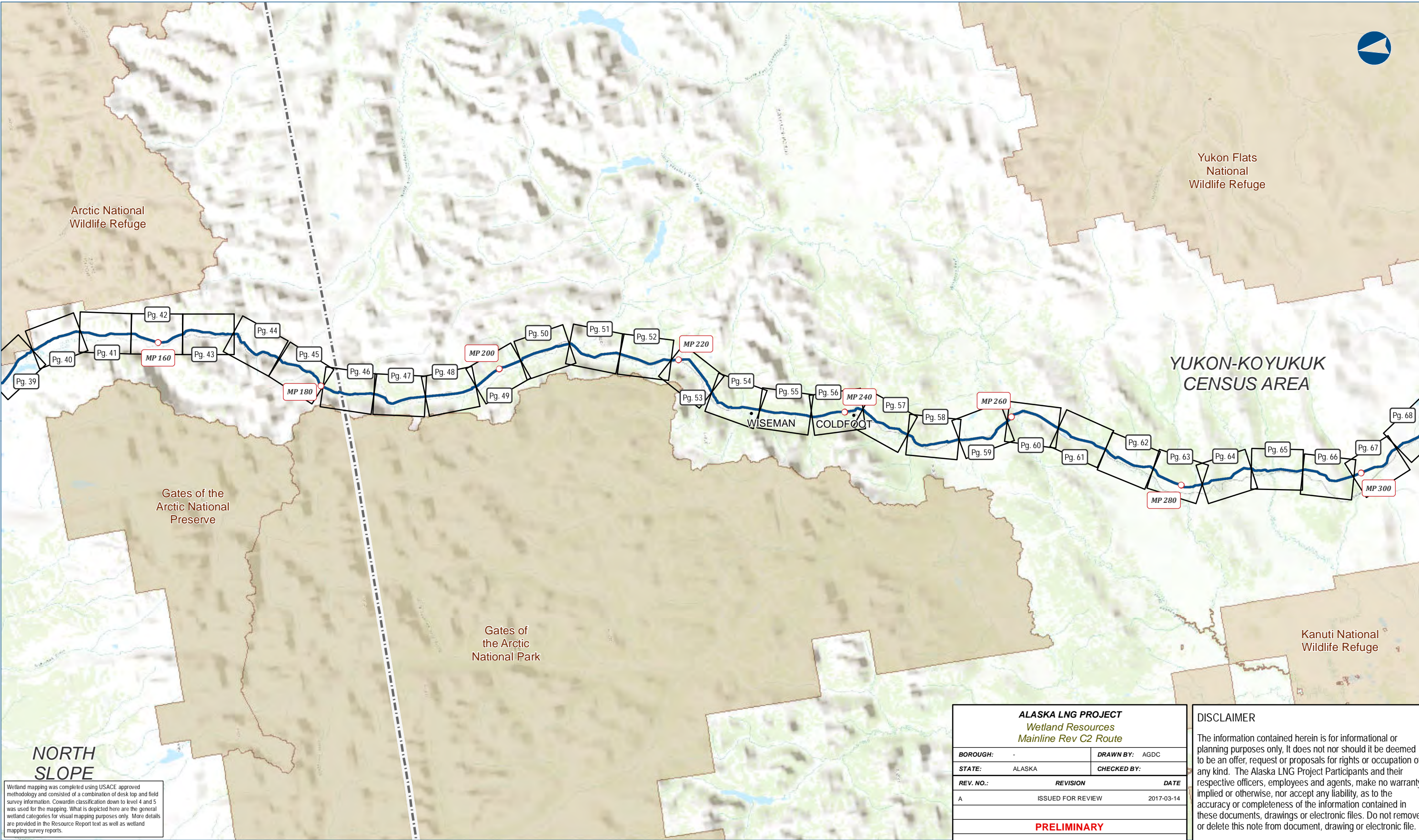


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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	-	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-14
PRELIMINARY		
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DATE: 2017-03-14	PROJECTION: NAD83 NSRS2007 STATEPLANE ALASKA 4 FIPS 5004	DWG: RR2_APPENDIX_F_1_2_MAINLINE_INDEX_REV_C2_CL

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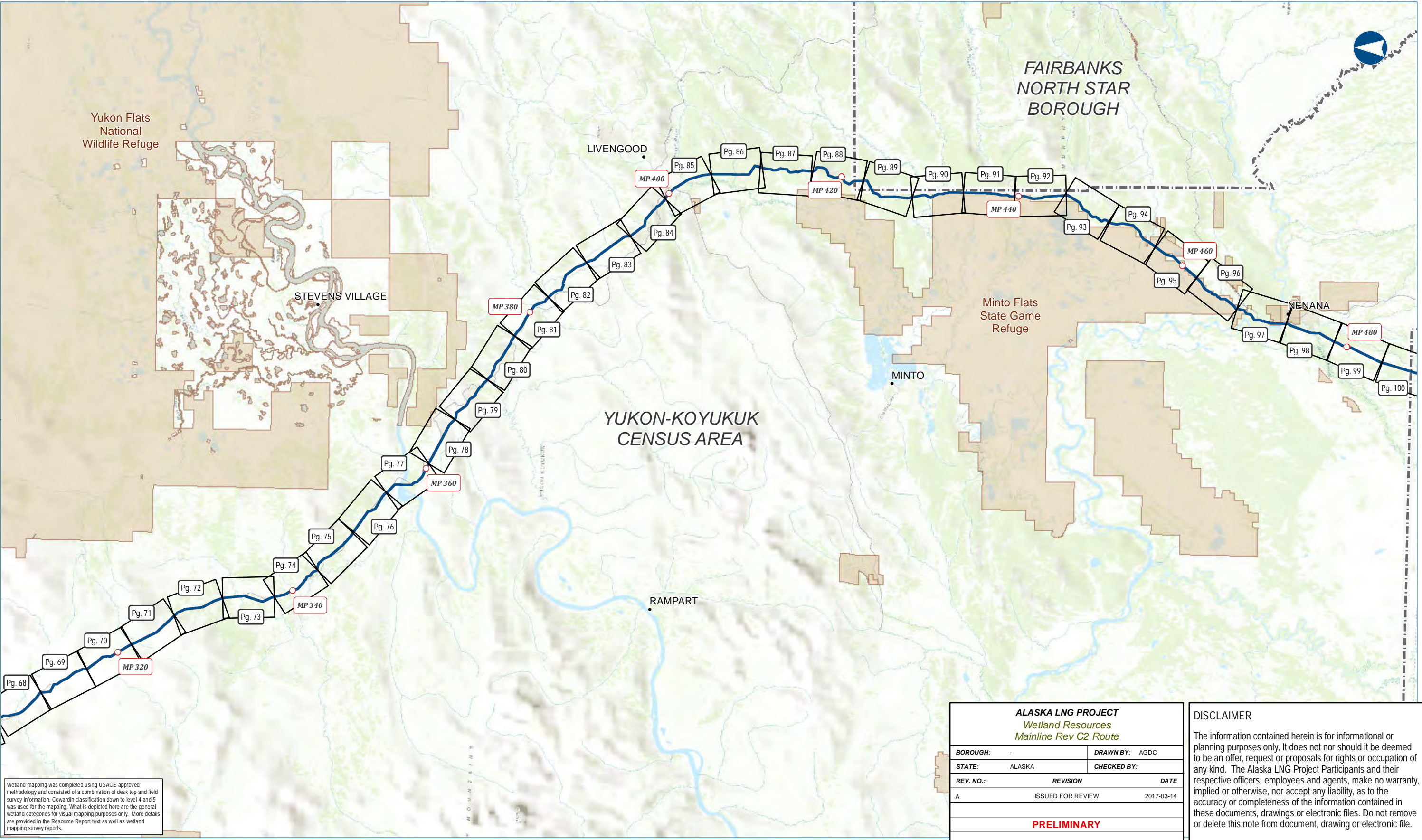
NORTH
SLOPE

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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_1.2_MAINLINE_INDEX_REV_C2_CL

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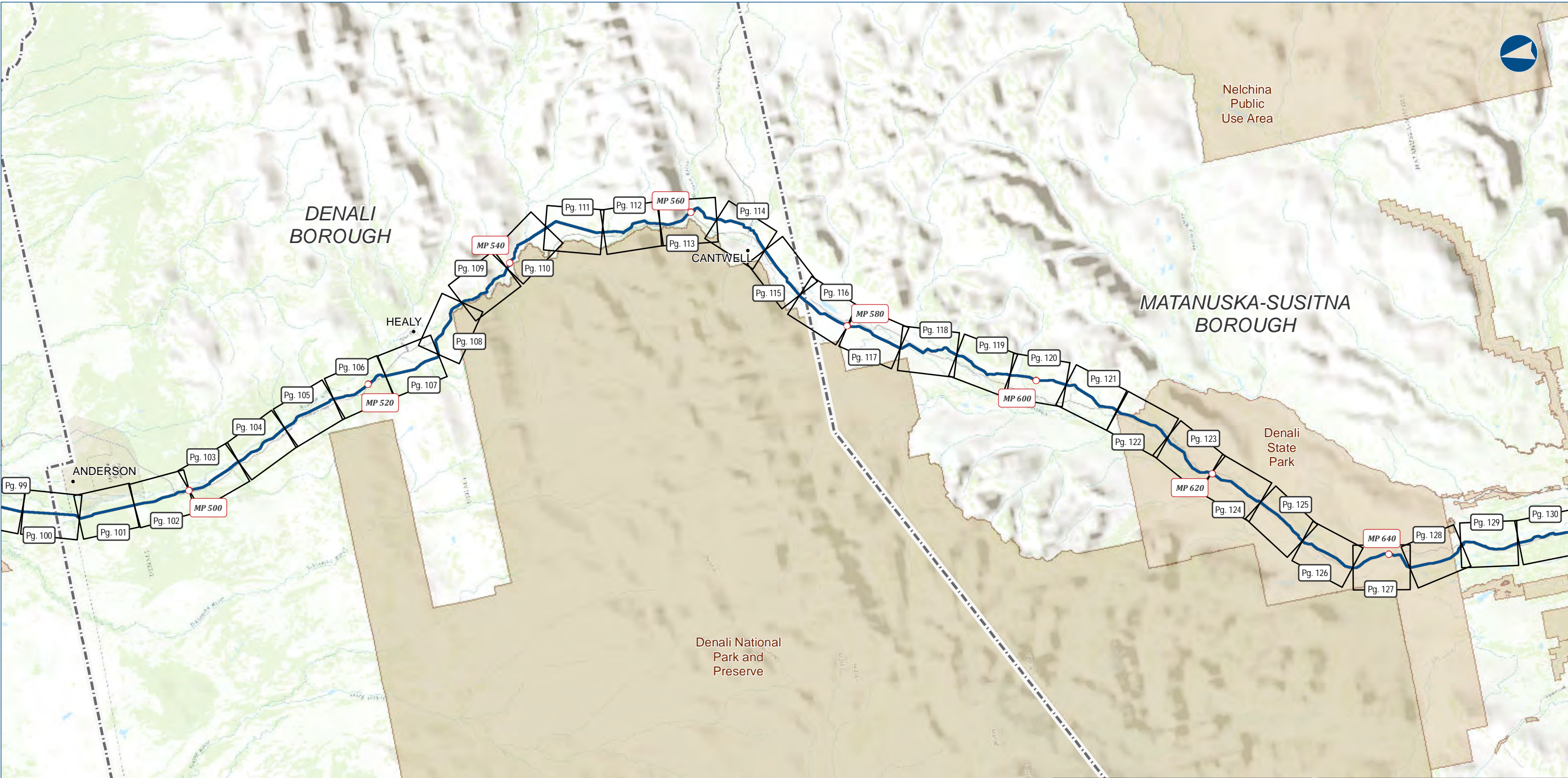


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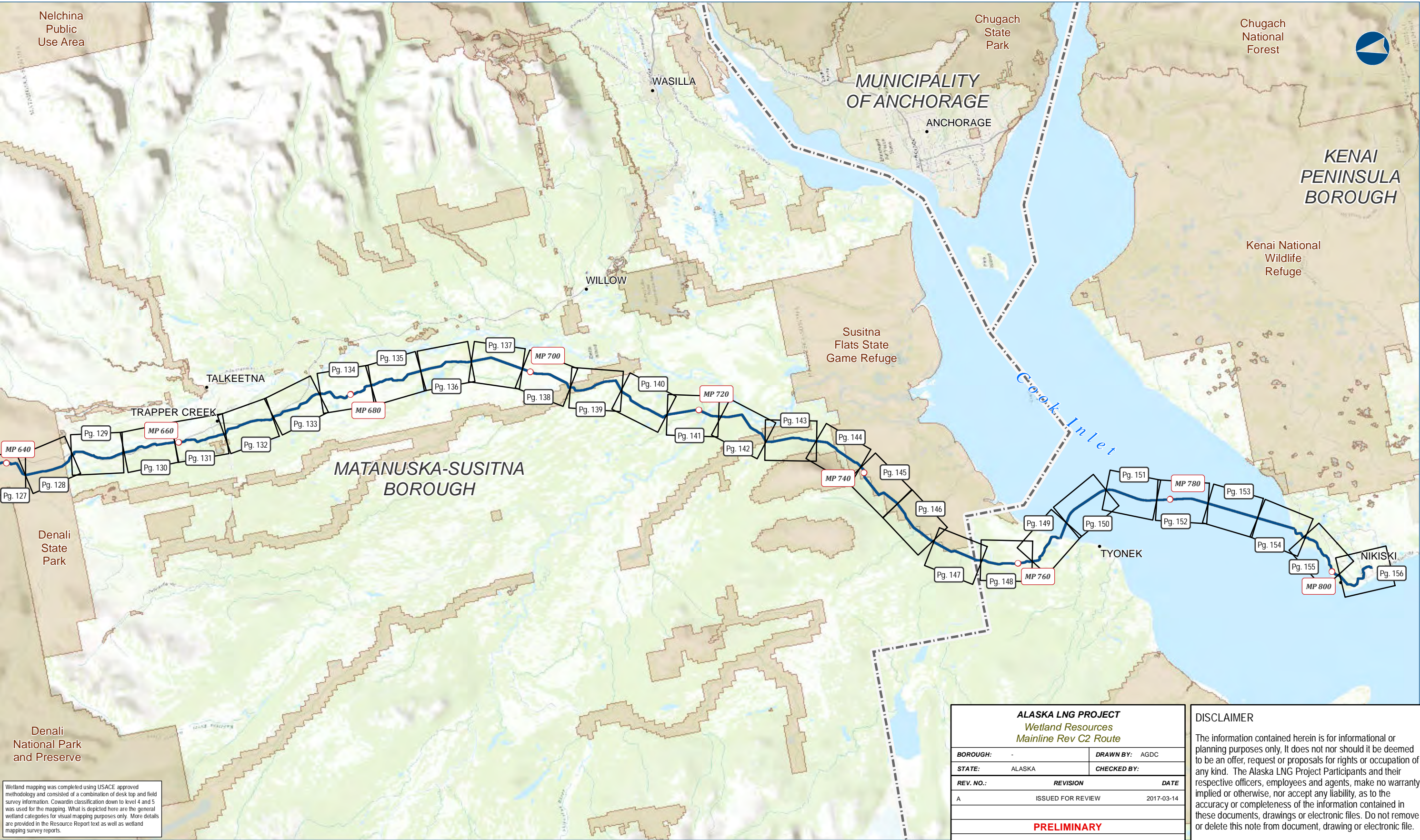
YUKON-KOYUKUK CENSUS

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














ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
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	
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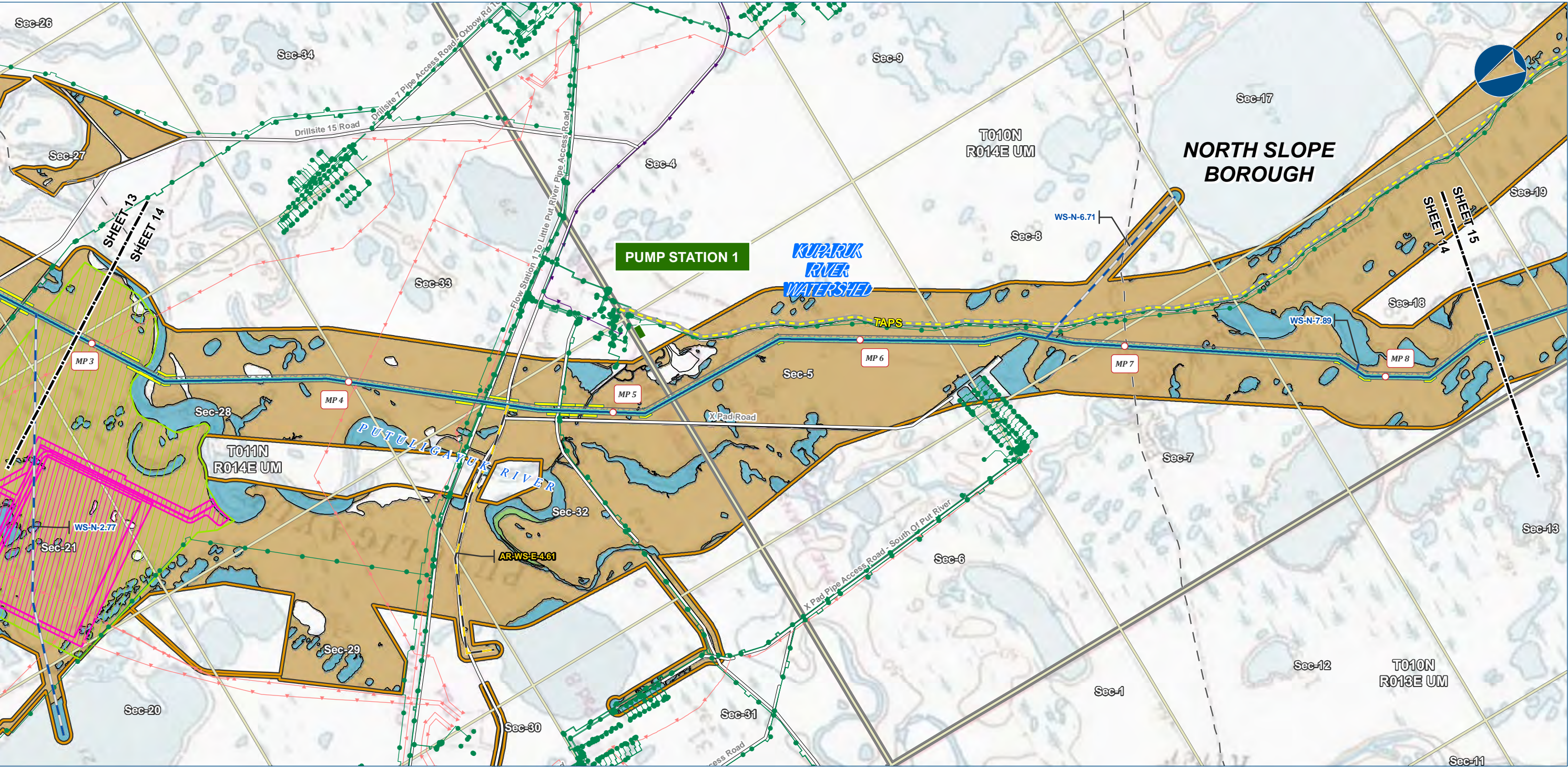


Legend			
	GTP		Permanent ROW
	GTP Footprint - Permanent		Construction ROW
	GTP Footprint - Construction		ATWS
	GTP Mine/Reservoir Study Area		Off ROW Camp
<u>PIPELINE</u>			Pipe Storage Yard (PSY)
	Alaska LNG Rev C2 Route		Section
	Point Thomson Transmission Line		Township
	Access Road - Gravel		
	Access Road - Ice		
	Ice Pad Access Road		
	Meter Station		
Mainline Blockvalve			
<p>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.</p>			

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DWG: RR2 APPENDIX F1 MAINLINE TOPO REV C2 CL **SHEET:** 13



Alaska LNG Project

Legend

GTP

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

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

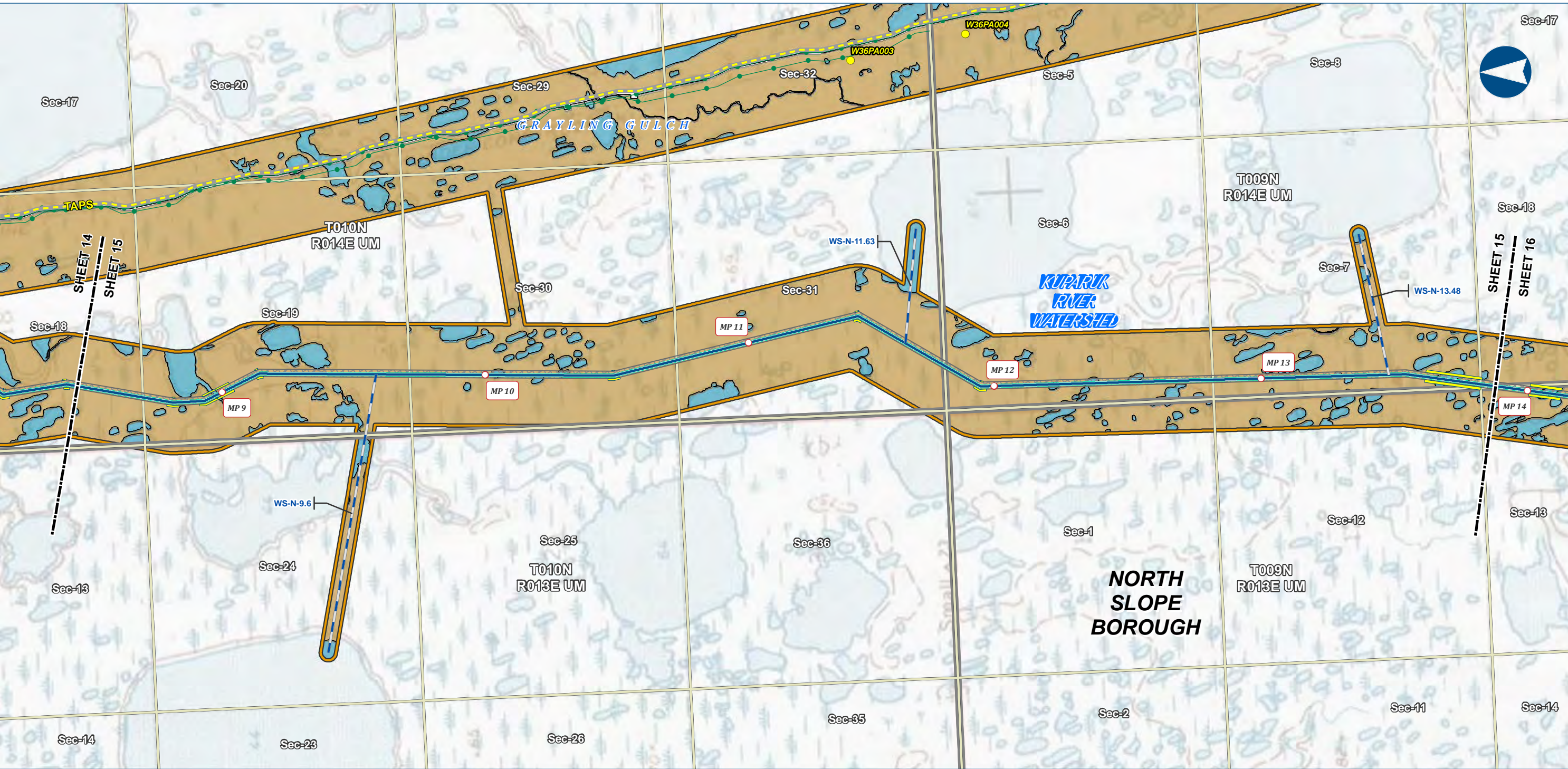
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 14



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Ice

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

- Permanent ROW
- Construction ROW
- ATWS

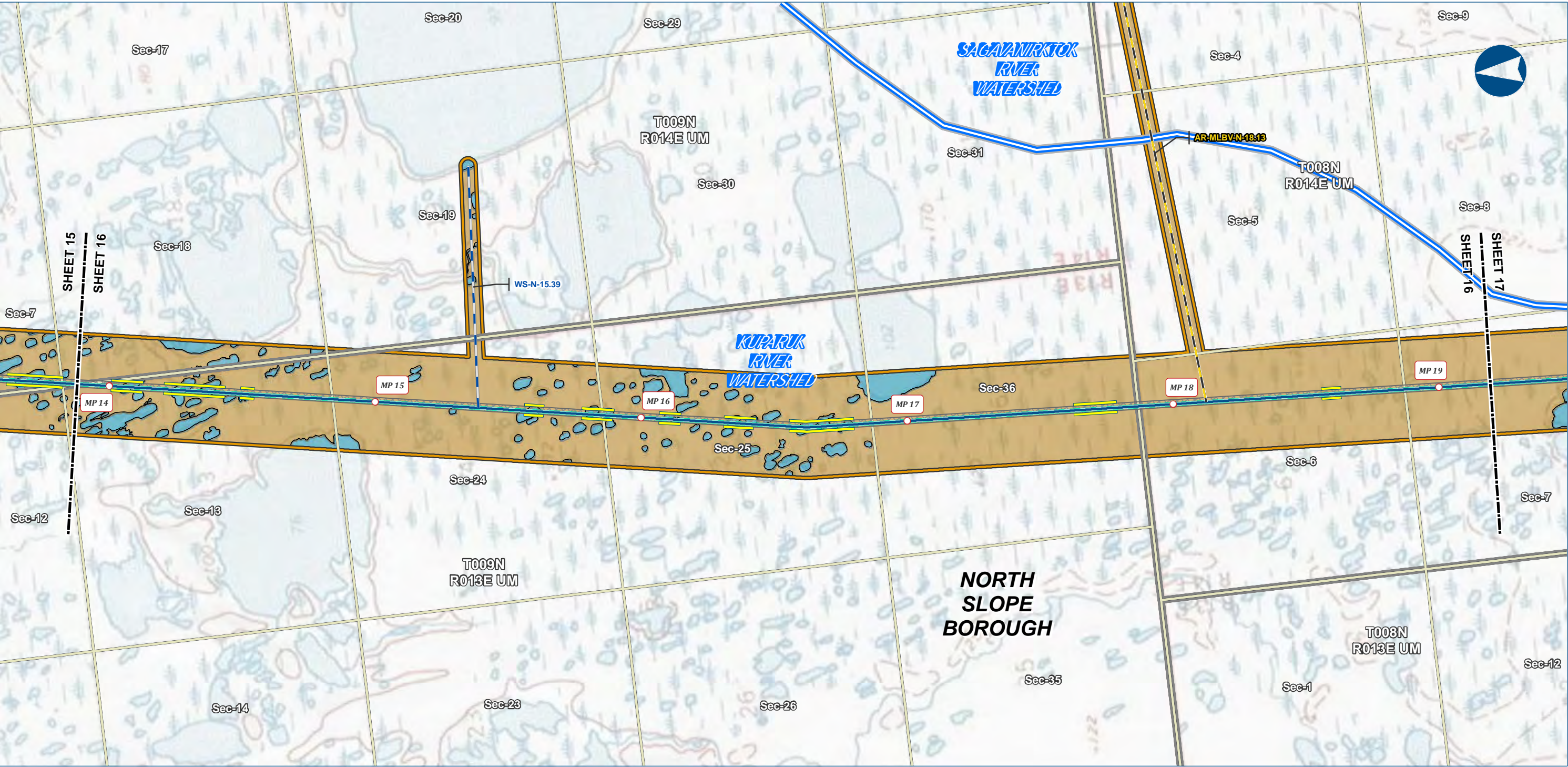
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83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

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Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

- Existing Roads
- Section
- Township

Wetland Mapping Extent

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

Other Symbols

- Permanent ROW
- Construction ROW
- ATWS

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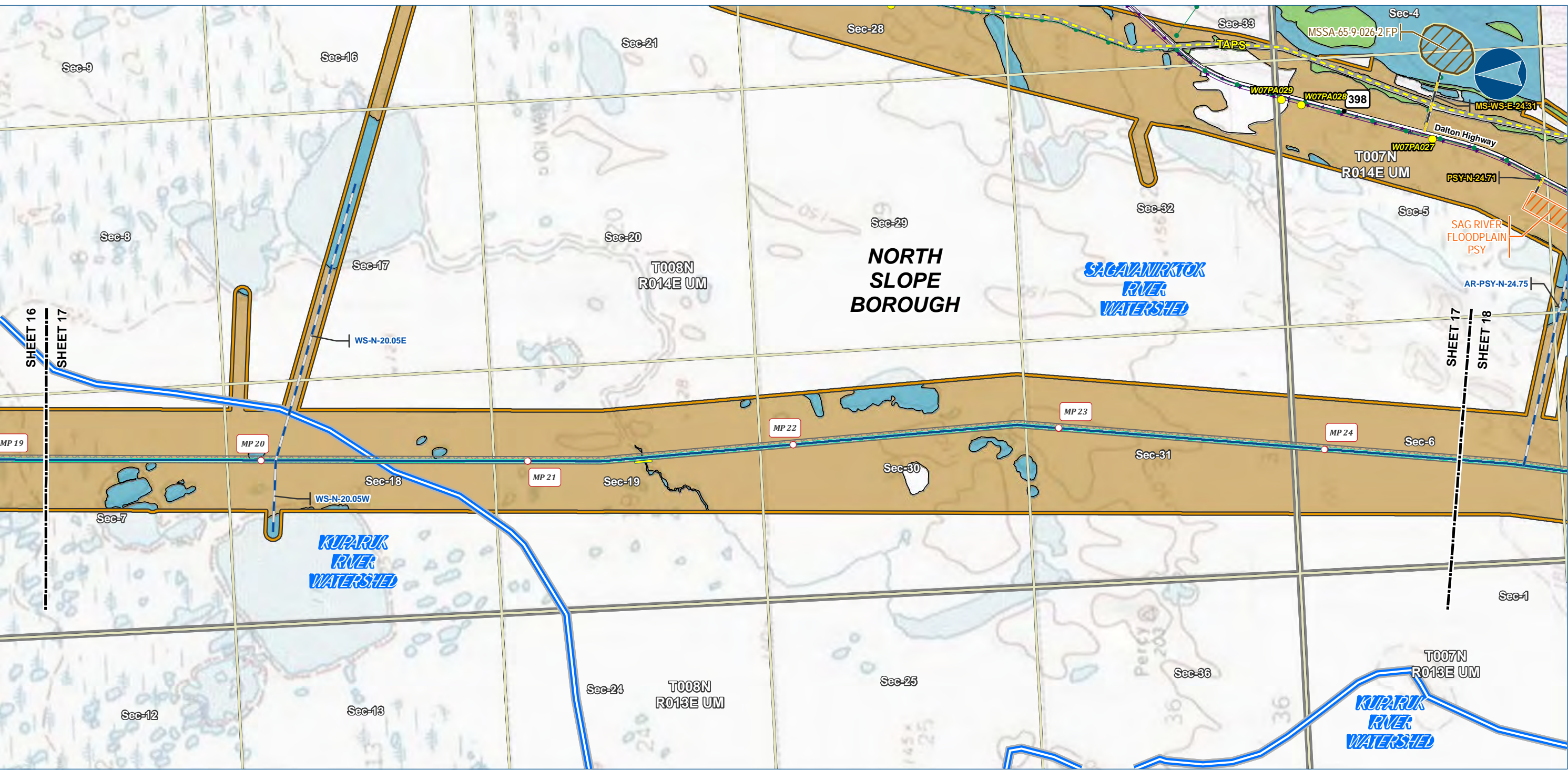
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 16



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

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
- Pipe Storage Yard (PSY)
- Material Site Study Area (MSSA)

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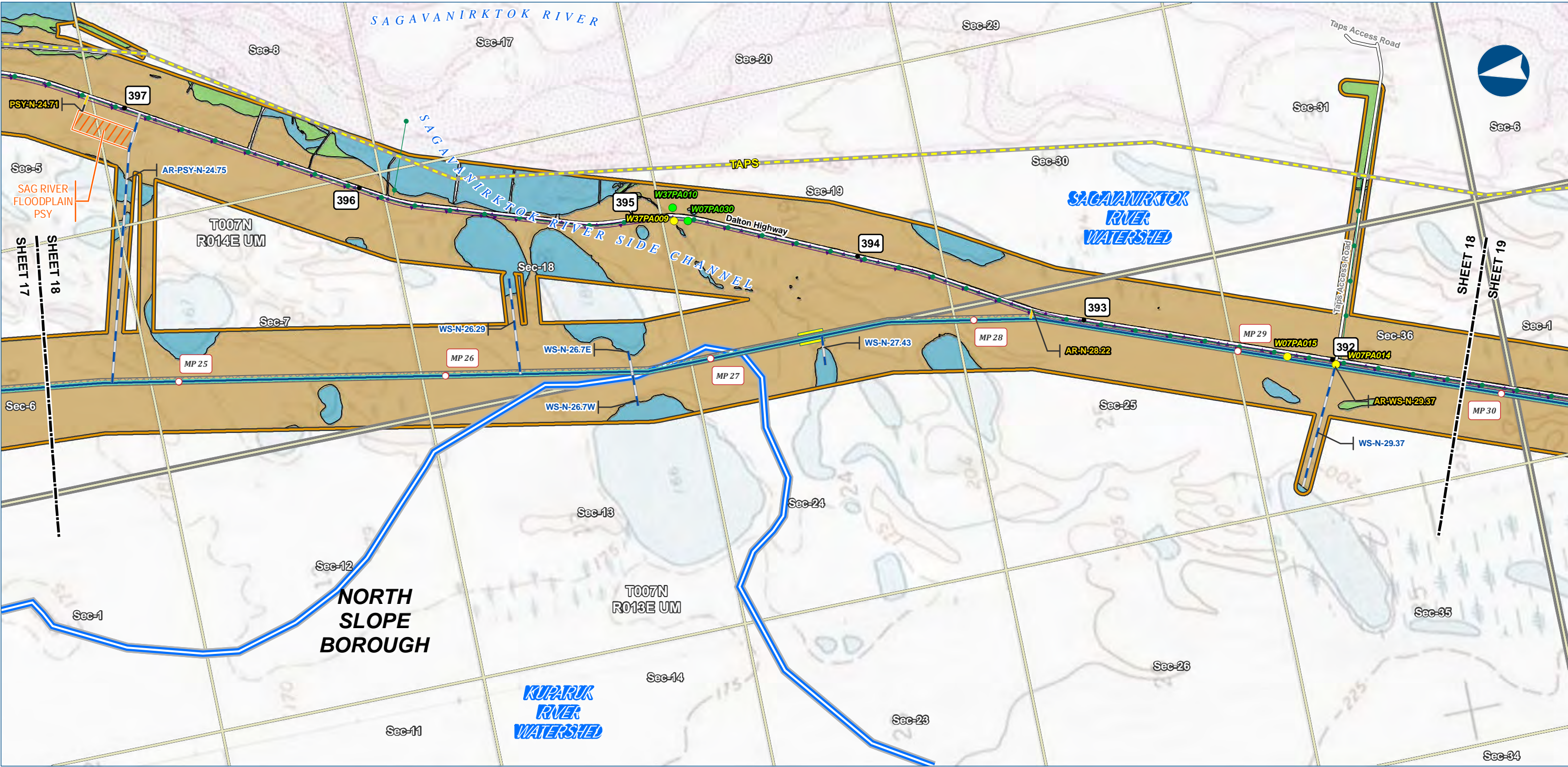
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 17



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

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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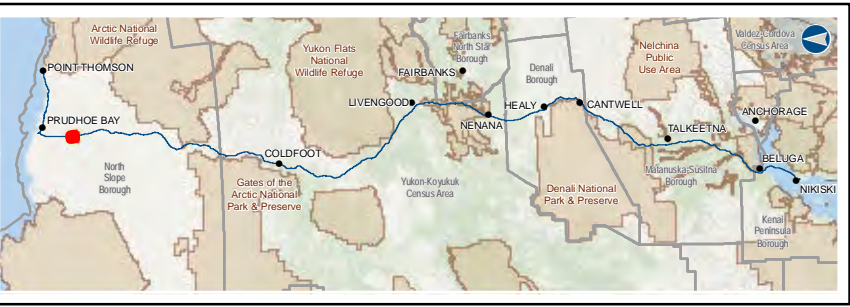
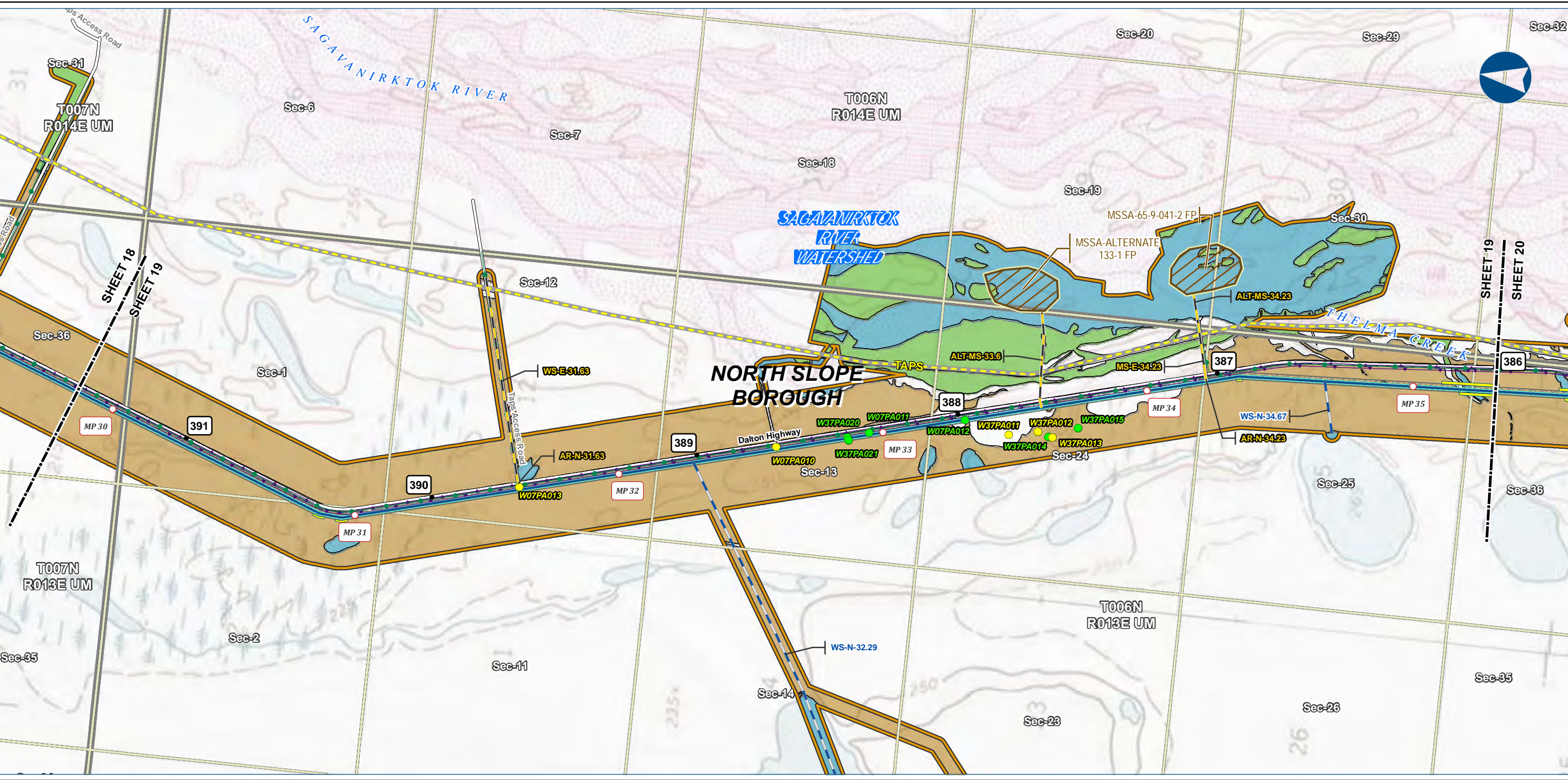
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
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SHEET: 18



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Access Road - Ice

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

TAPS

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Wetland Area (areas not colored are uplands)

Marine

Open Water

PEM

PSS

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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
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0 1/4 1/2 Miles		
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 19

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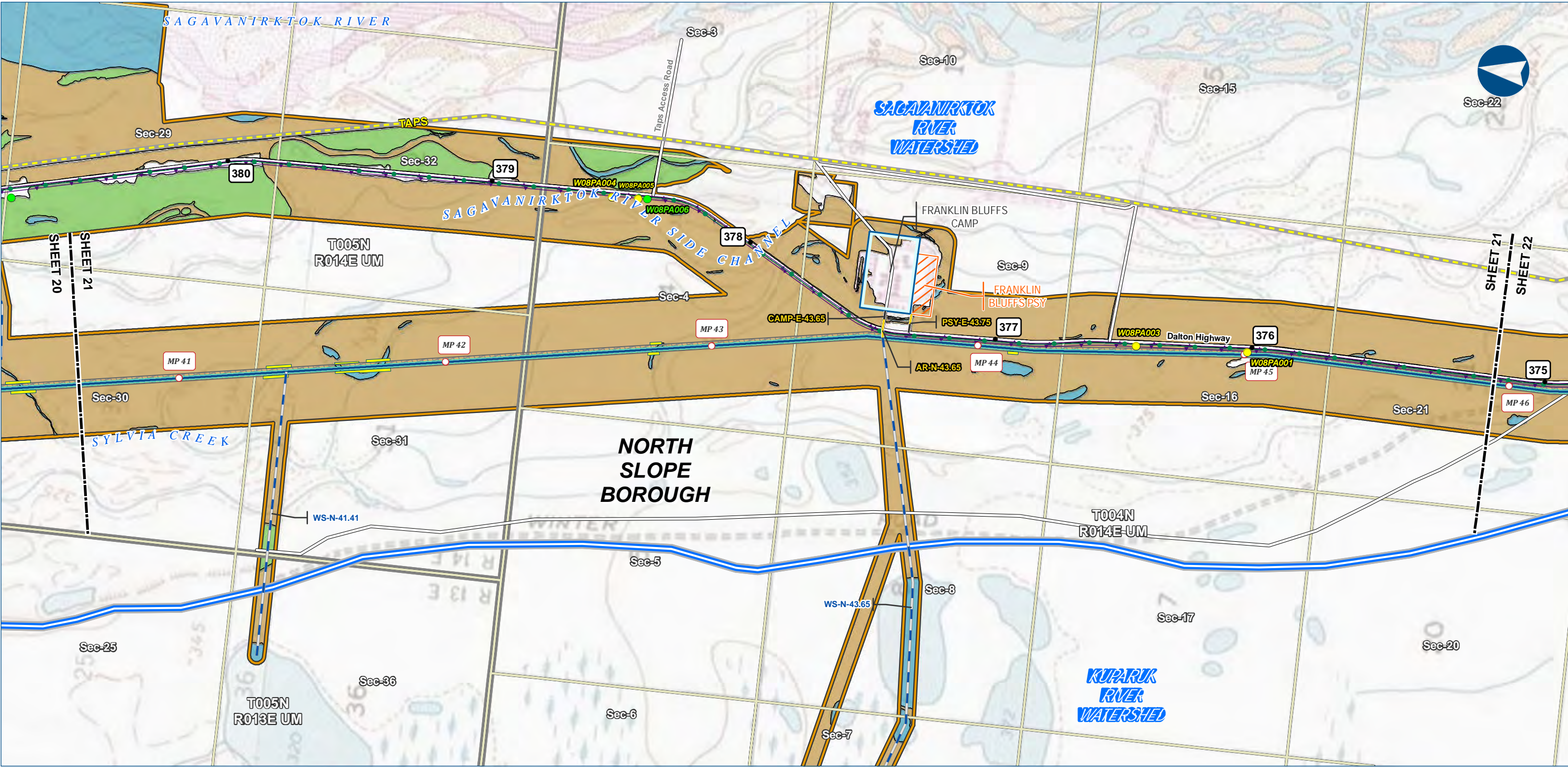
Legend

PIPELINE	Permanent ROW	EXISTING FEATURES	Wetland Mapping Extent
Alaska LNG Rev C2 Route	Construction ROW	Existing Roads	Wetland Field Verification Location
Access Road - Gravel	ATWS	TAPS	Wetland Field Observation Location
Access Road - Ice	Material Site Study Area (MSSA)	Existing Pipeline	Watershed Boundary
Mainline Blockvalve		Buried Cable	Wetland Area (areas not colored are uplands)
Helipad		Section	Open Water
		Township	PEM
			PSS

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DWG: RR2 APPENDIX F1 MAINLINE TOPO REV C2 CL **SHEET:** 20



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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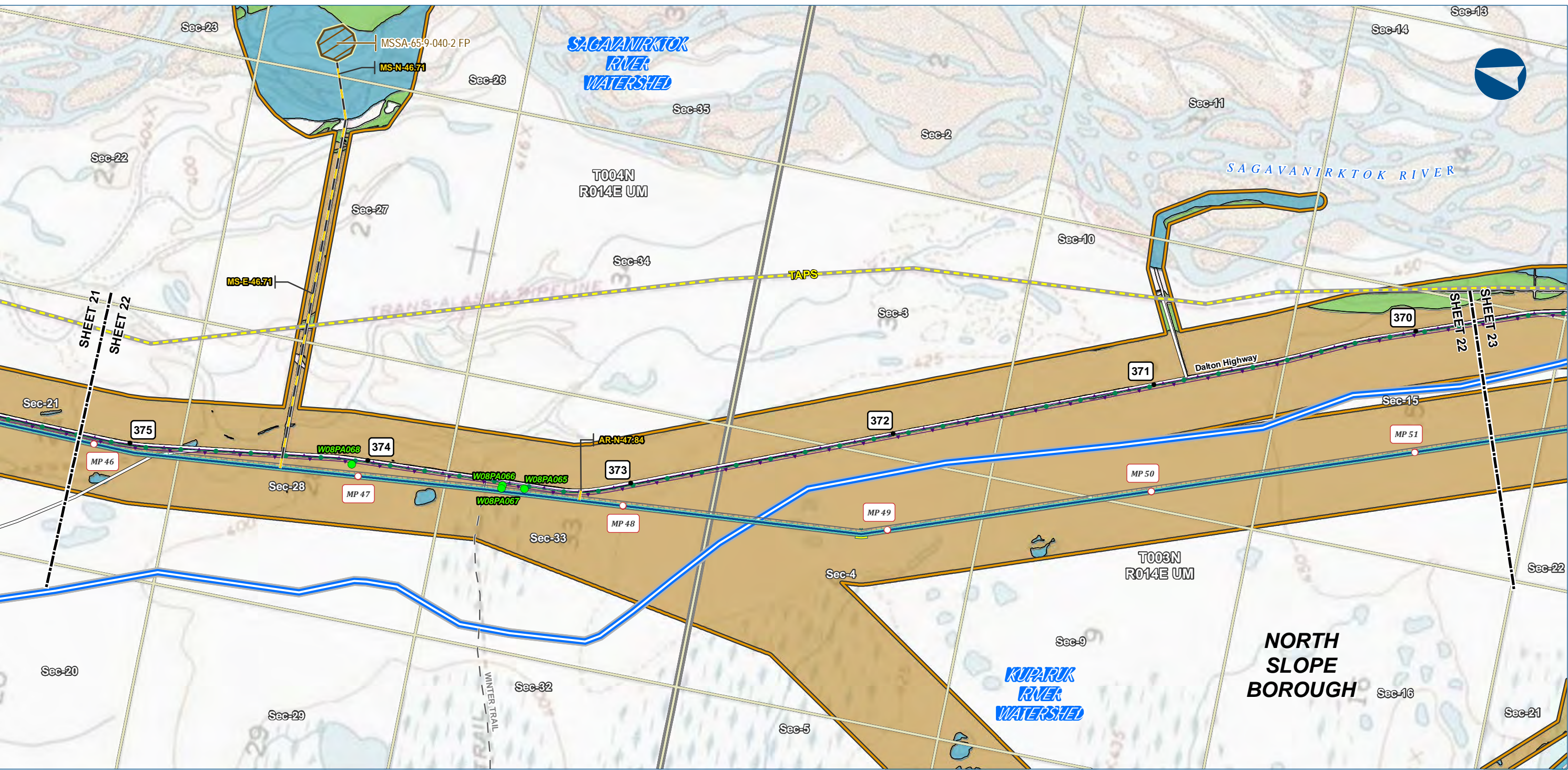
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 21



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

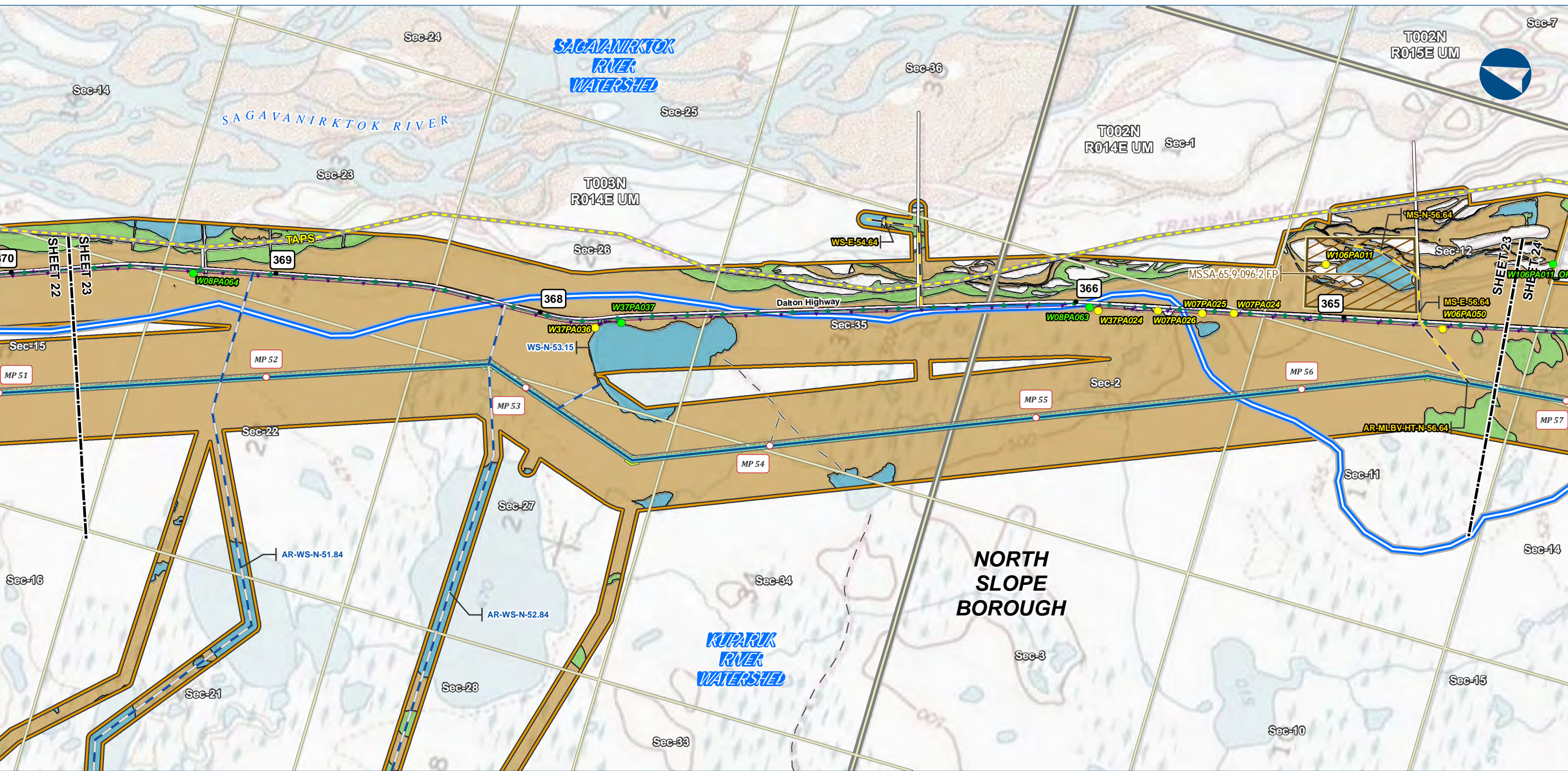
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 22



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Access Road - Ice

Permanent ROW

Construction ROW

ATWS

Material Site Study Area (MSSA)

EXISTING FEATURES

Existing Roads

Off Road Trails

TAPS

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Wetland Area (areas not colored are uplands)

Marine

Open Water

PEM

PSS

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

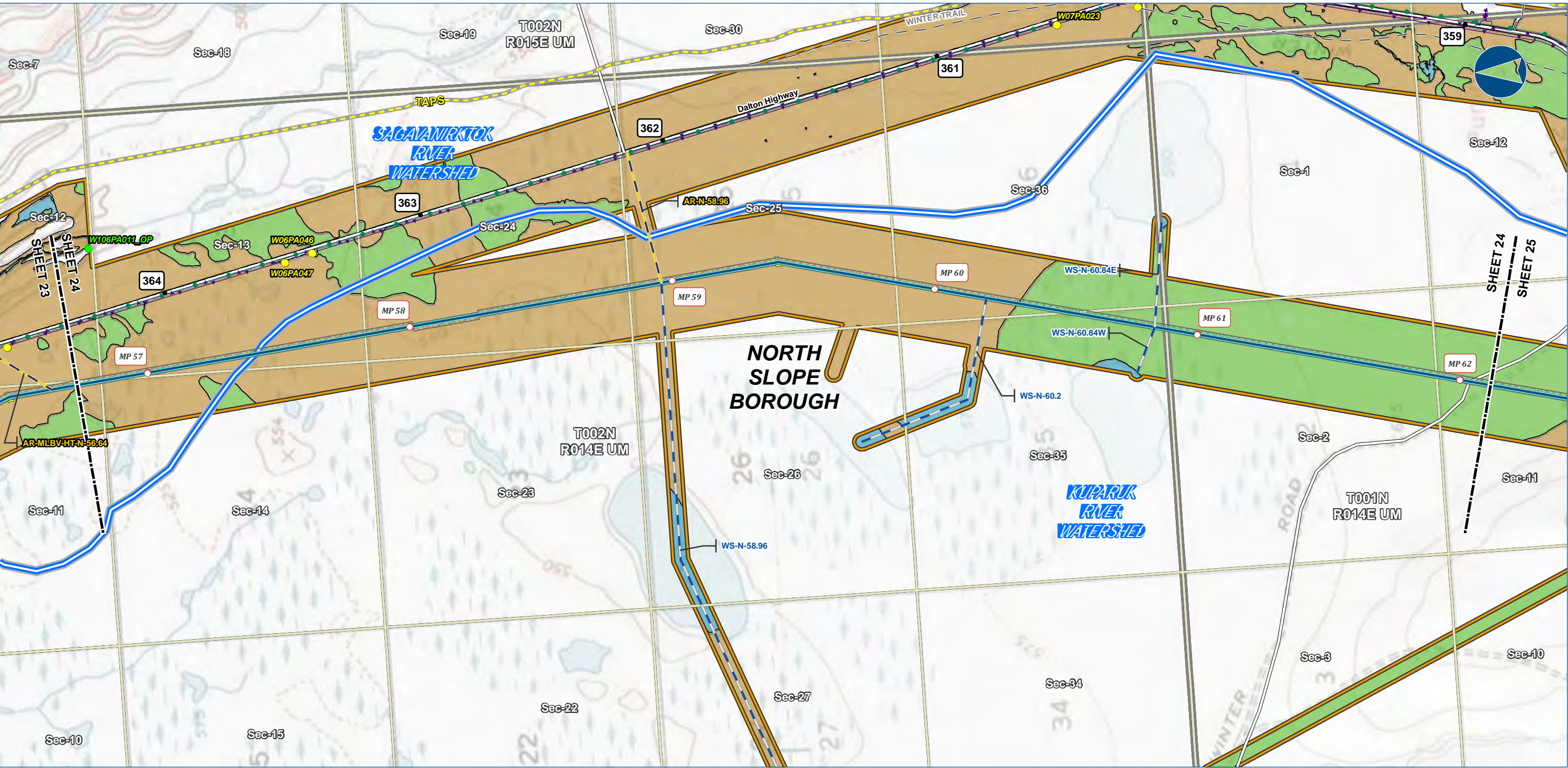
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 23

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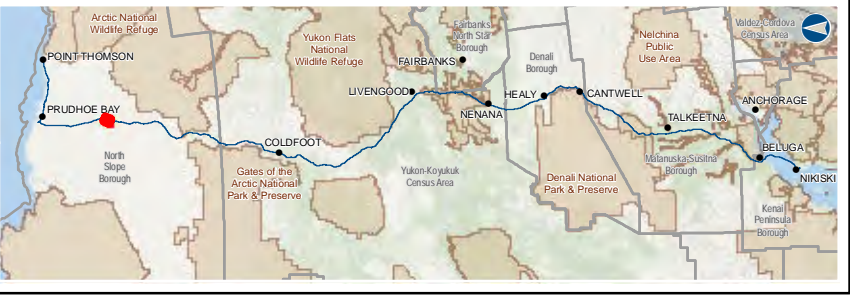
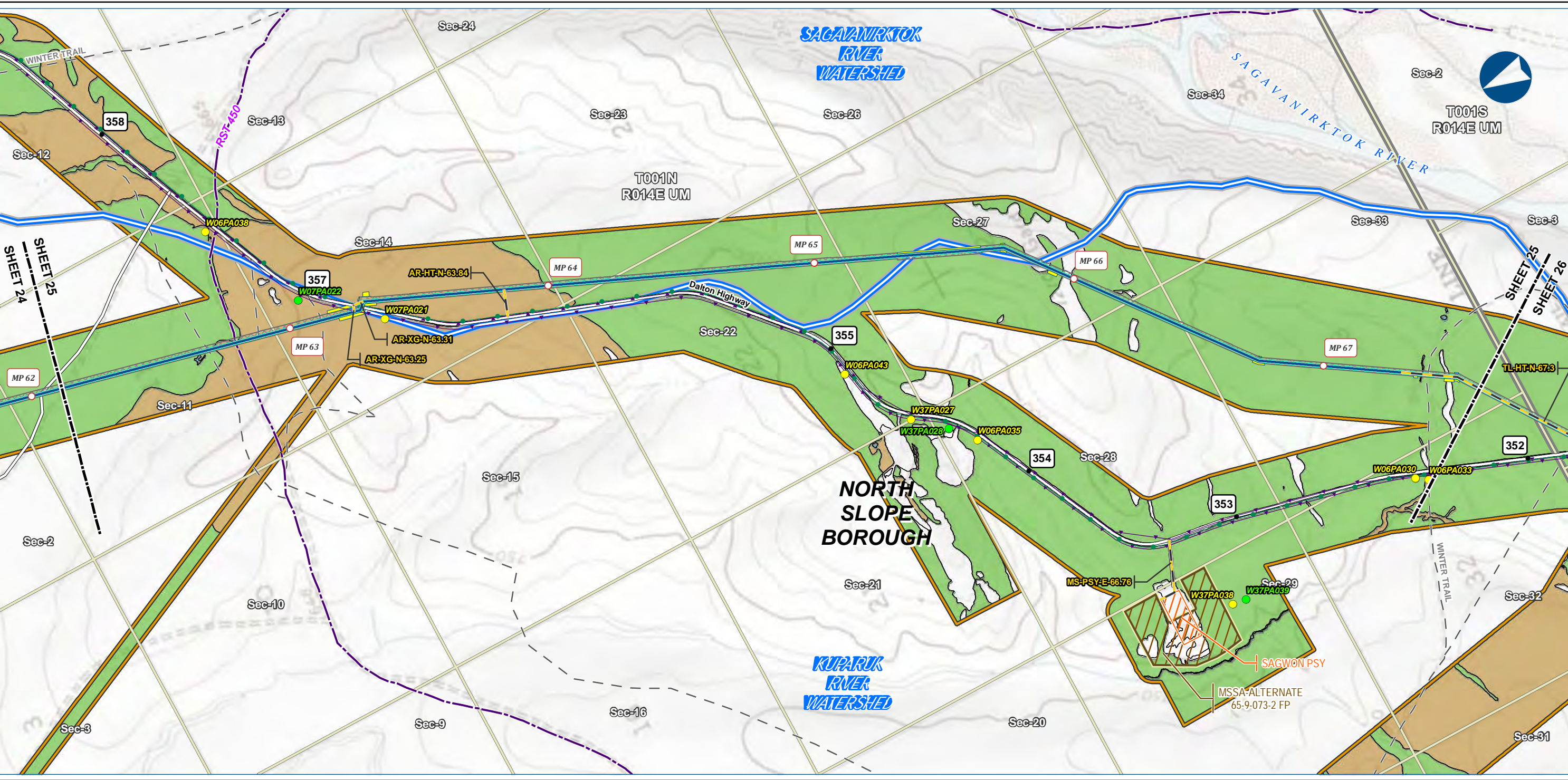


Legend		EXISTING FEATURES	
PIPELINE	Alaska LNG Rev C2 Route	Permanent ROW	Wetland Mapping Extent
	Access Road - Gravel	Construction ROW	Wetland Field Verification Location
	Access Road - Ice	ATWS	Wetland Field Observation Location
			Watershed Boundary
		Existing Roads	Wetland Area (areas not colored are uplands)
		Off Road Trails	Open Water
	TAPS	Existing Pipeline	PEM
	Buried Cable		PSS
		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.

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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 24



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

Revised Statute 2477 Trail

Off Road Trails

Existing Pipeline

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Open Water

PEM

PSS

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

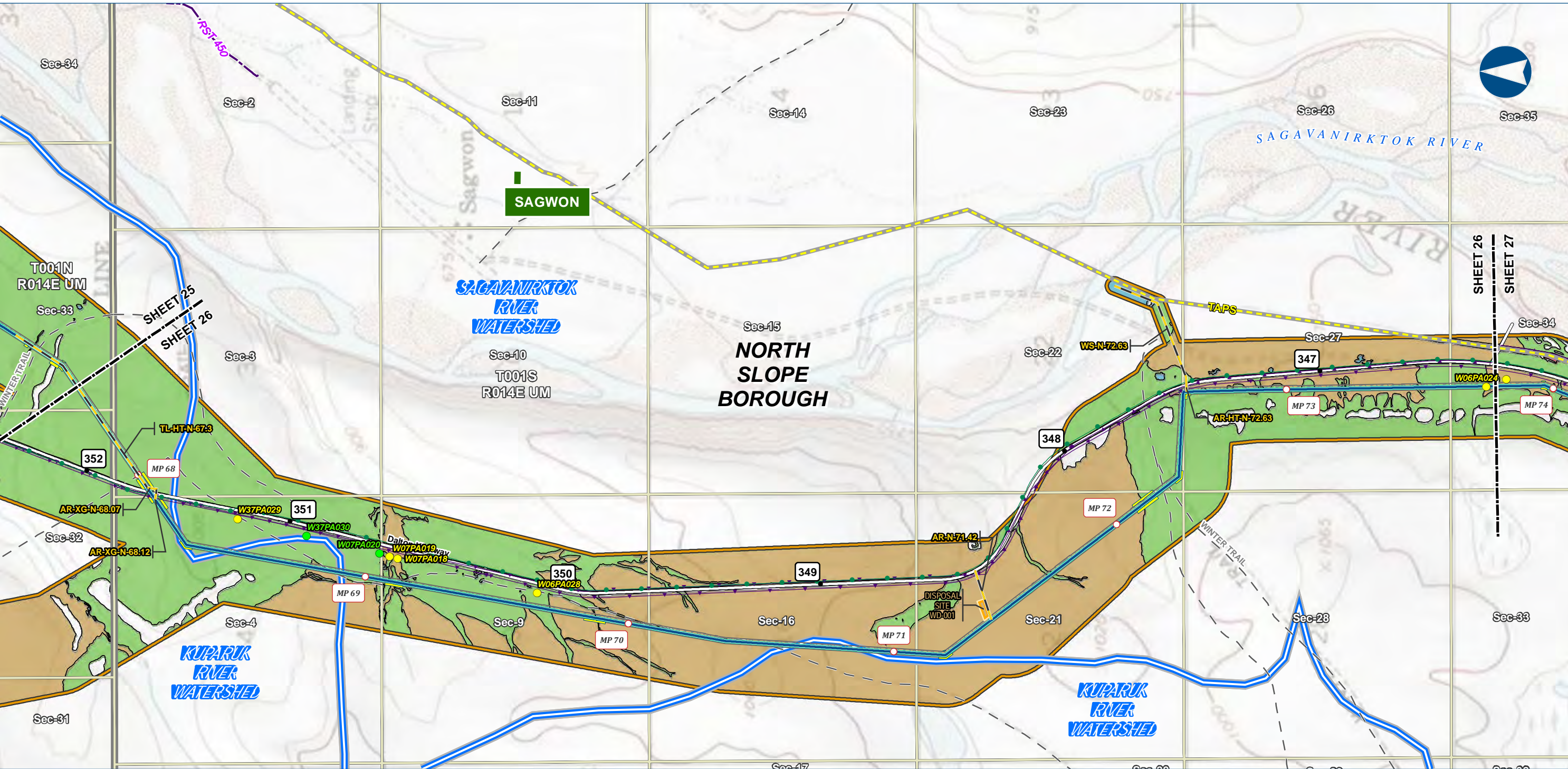
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 25

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

Wetland Mapping Extent

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

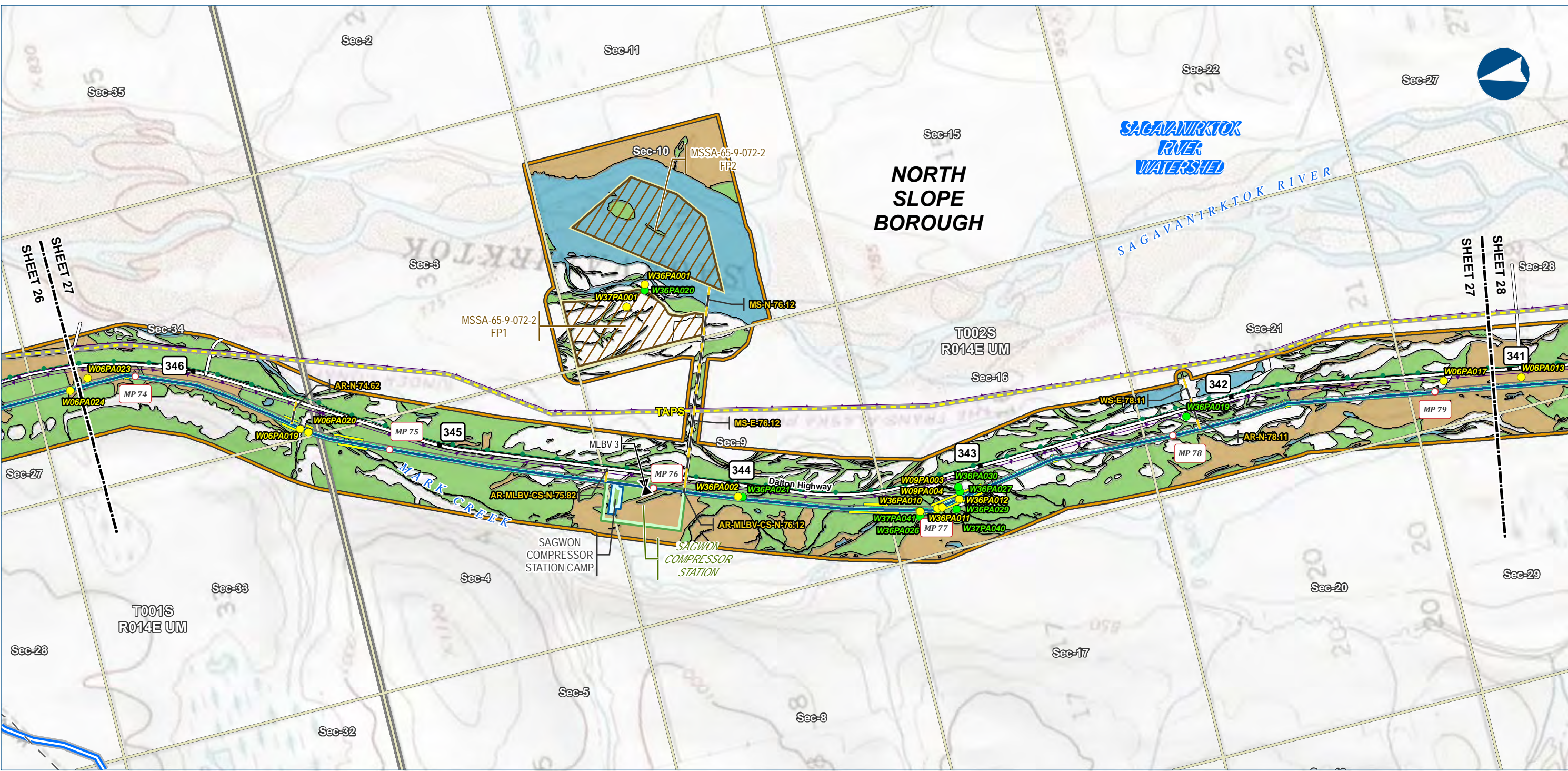
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 26



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

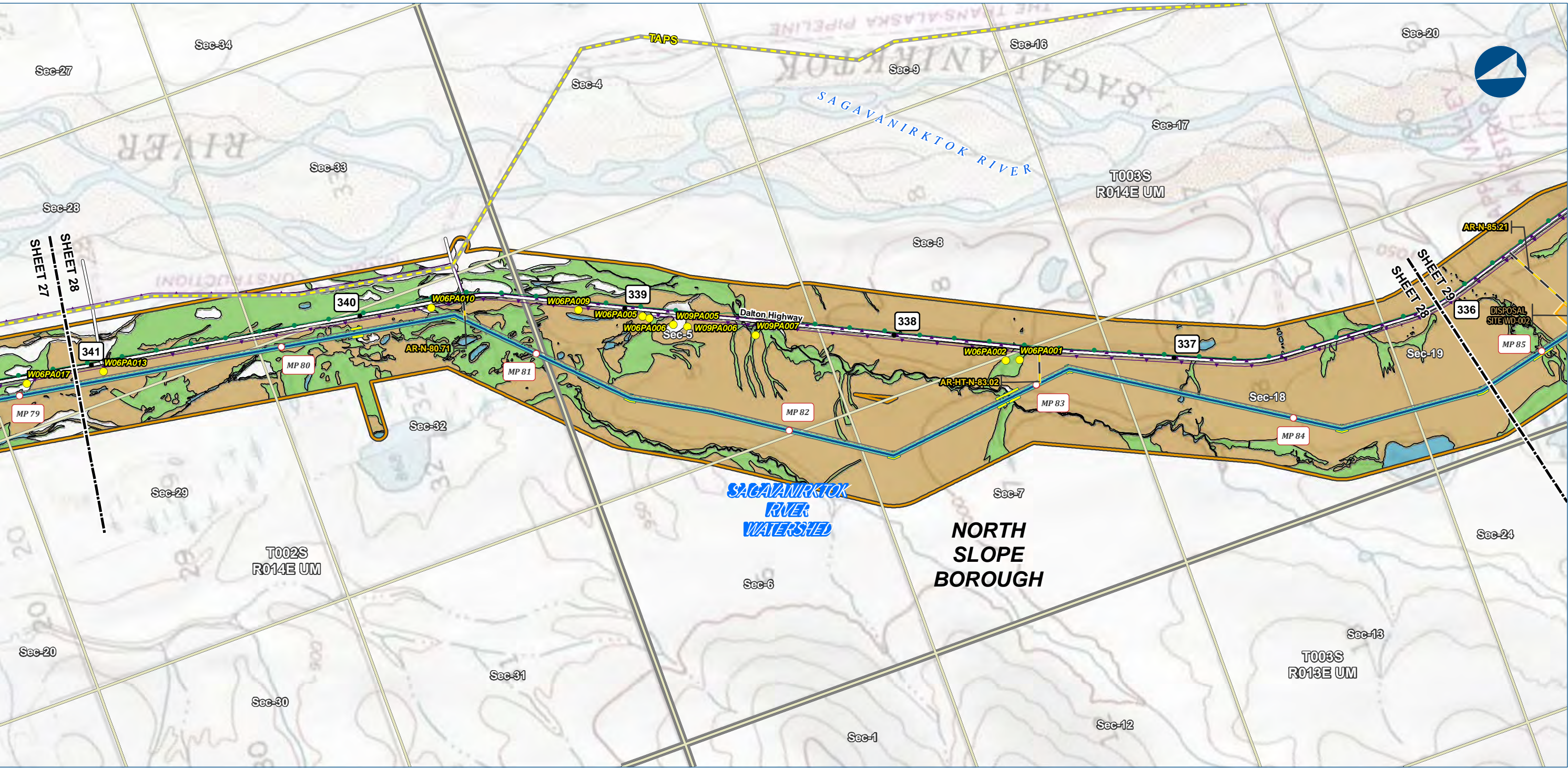
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
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DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 27



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

- Permanent ROW
- Construction ROW
- ATWS
- Disposal Site

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:	NORTH SLOPE	DRAWN BY:	AGDC
STATE:	ALASKA	CHECKED BY:	
REV. NO.:	REVISION	DATE	
A	ISSUED FOR REVIEW	2017-03-21	

PRELIMINARY

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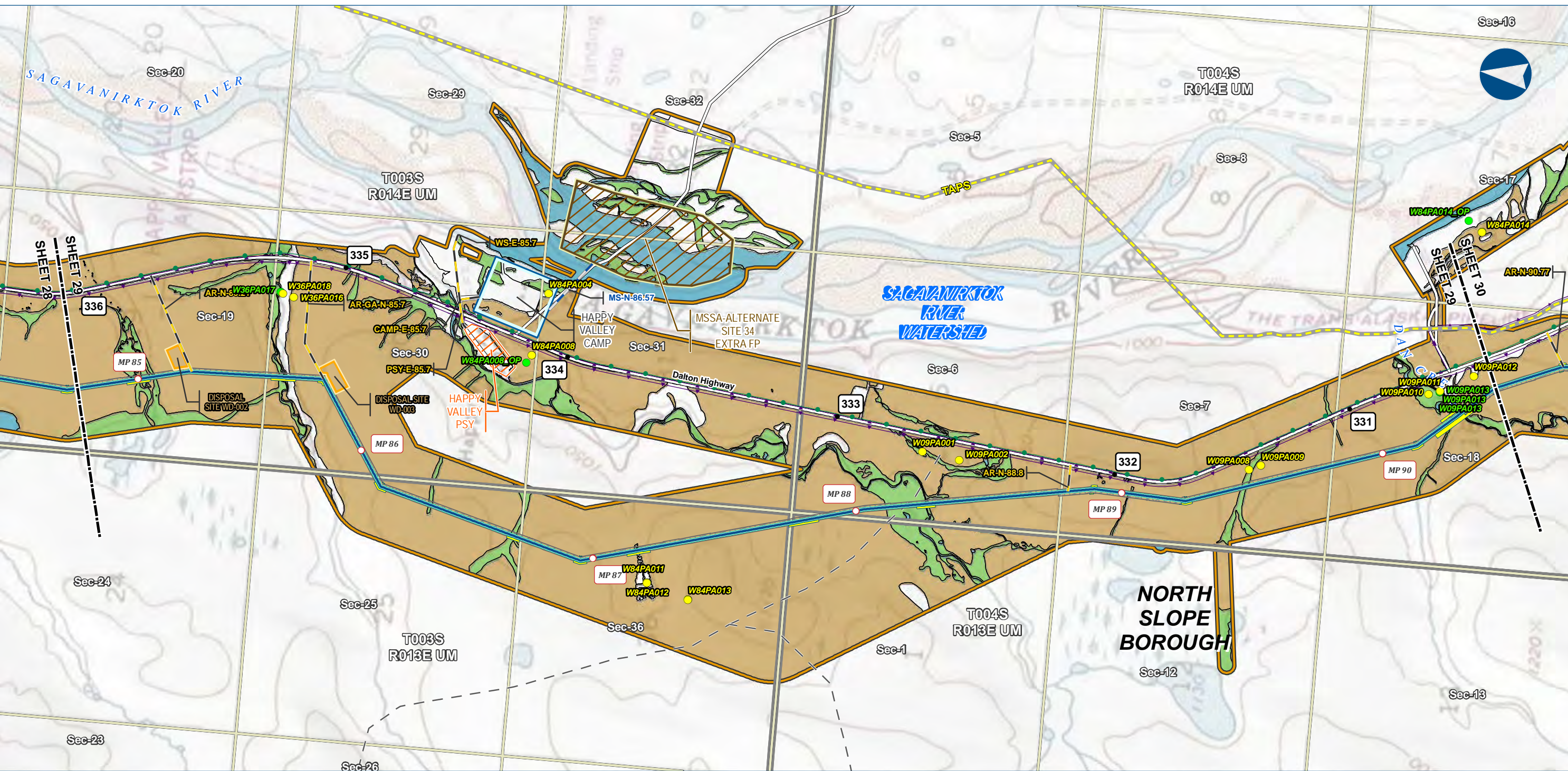
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DATE:	2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392
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DWG:	RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET:	28
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Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Access Road - Ice

Permanent ROW

Construction ROW

ATWS

Off ROW Camp

Pipe Storage Yard (PSY)

Disposal Site

Material Site Study Area (MSSA)

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

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.

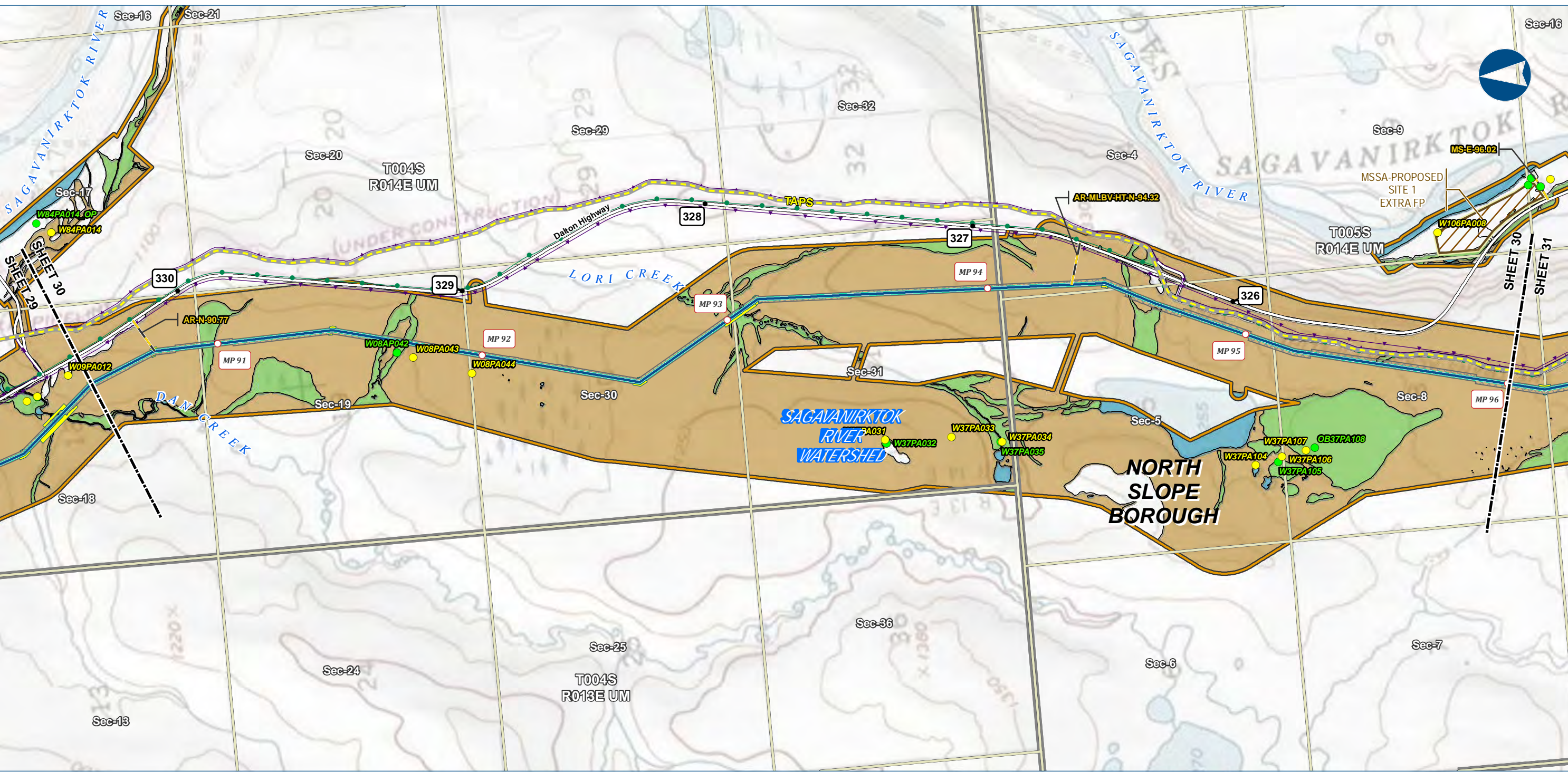
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 29



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Material Site Study Area (MSSA)

- Material Site Study Area (MSSA)

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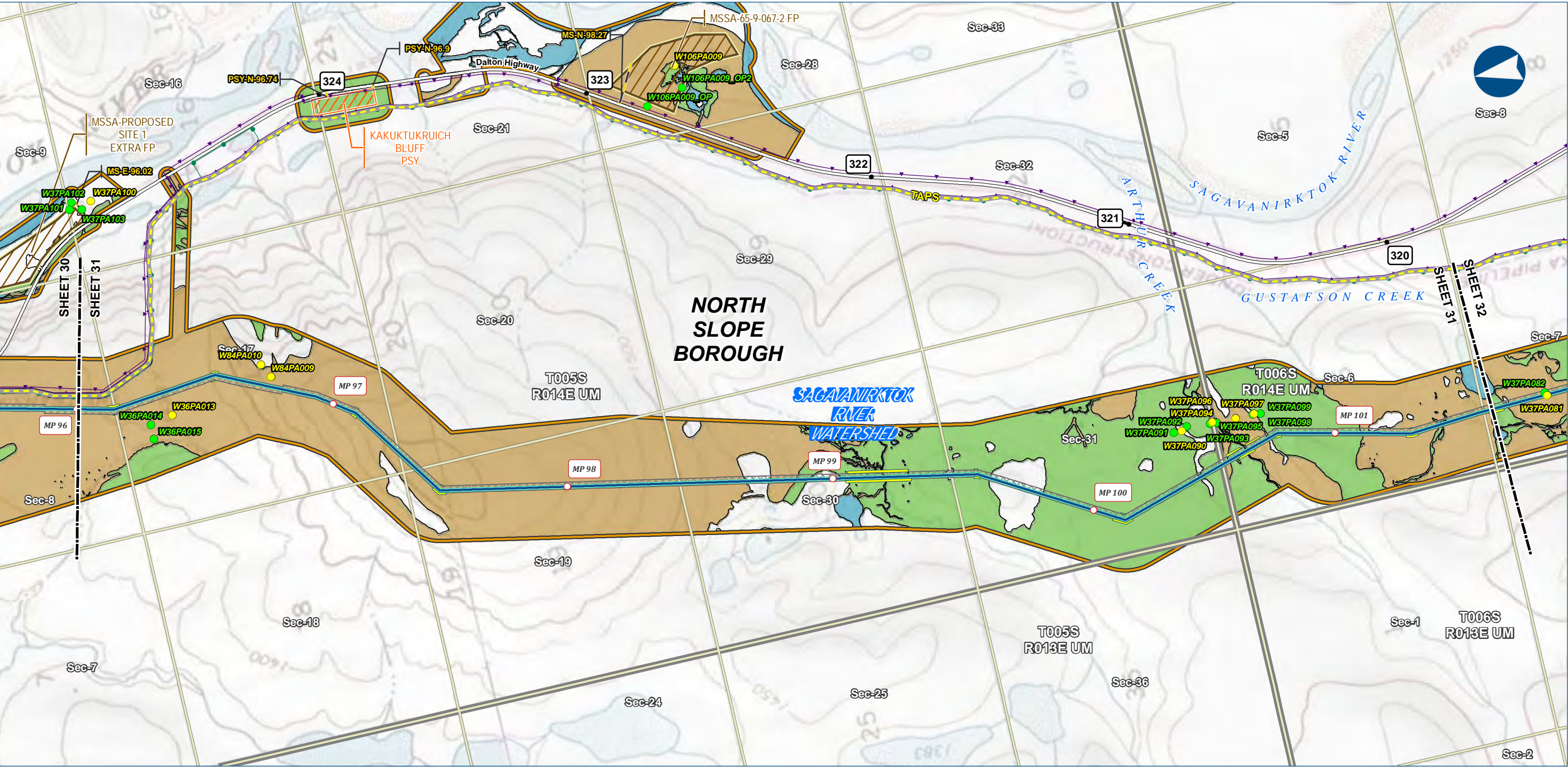
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 30



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- 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.

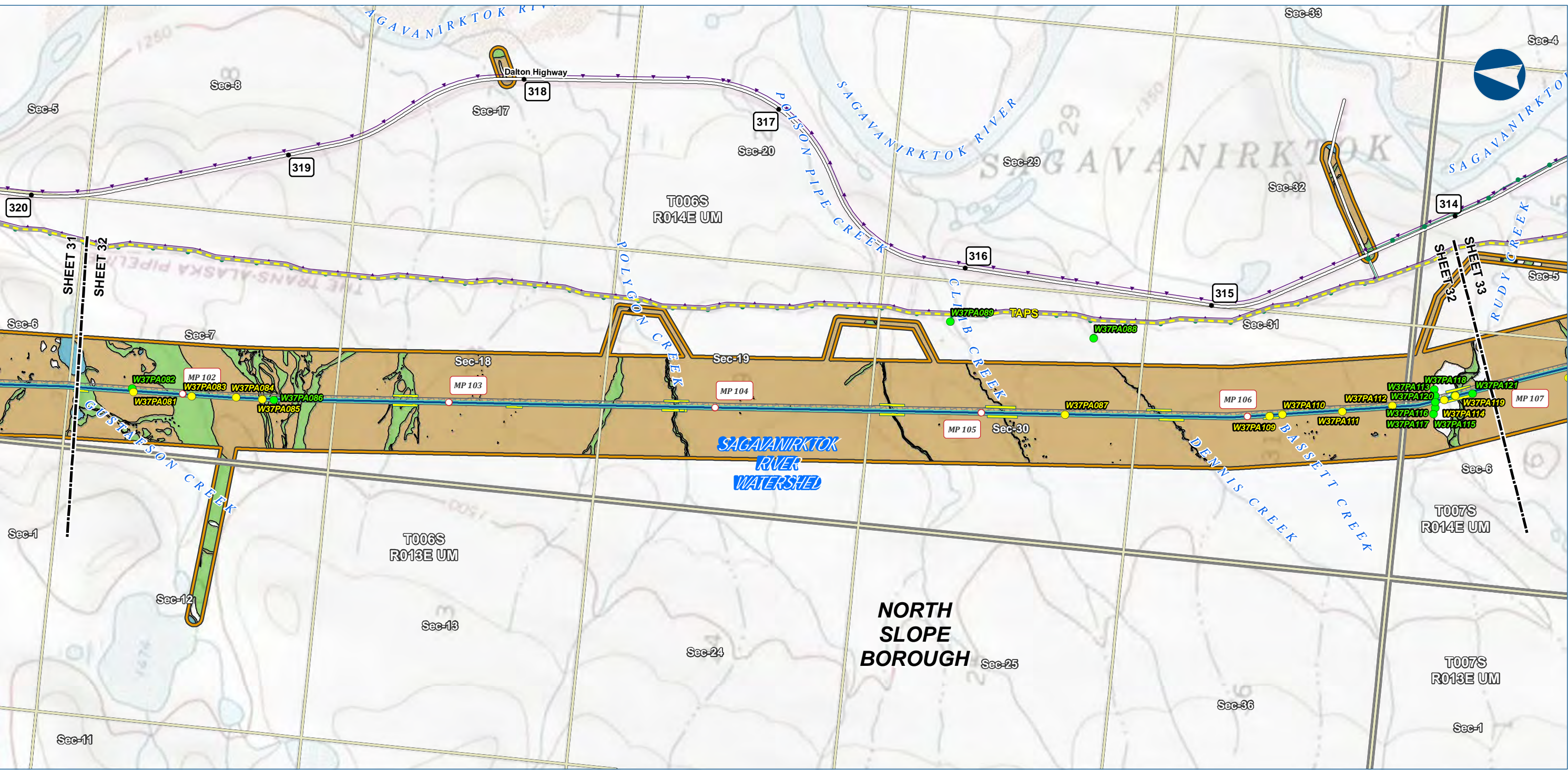
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 31



Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
- EXISTING FEATURES**
- Existing Roads
 - TAPS
 - Existing Pipeline
 - Buried Cable
 - Section
 - Township
- 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

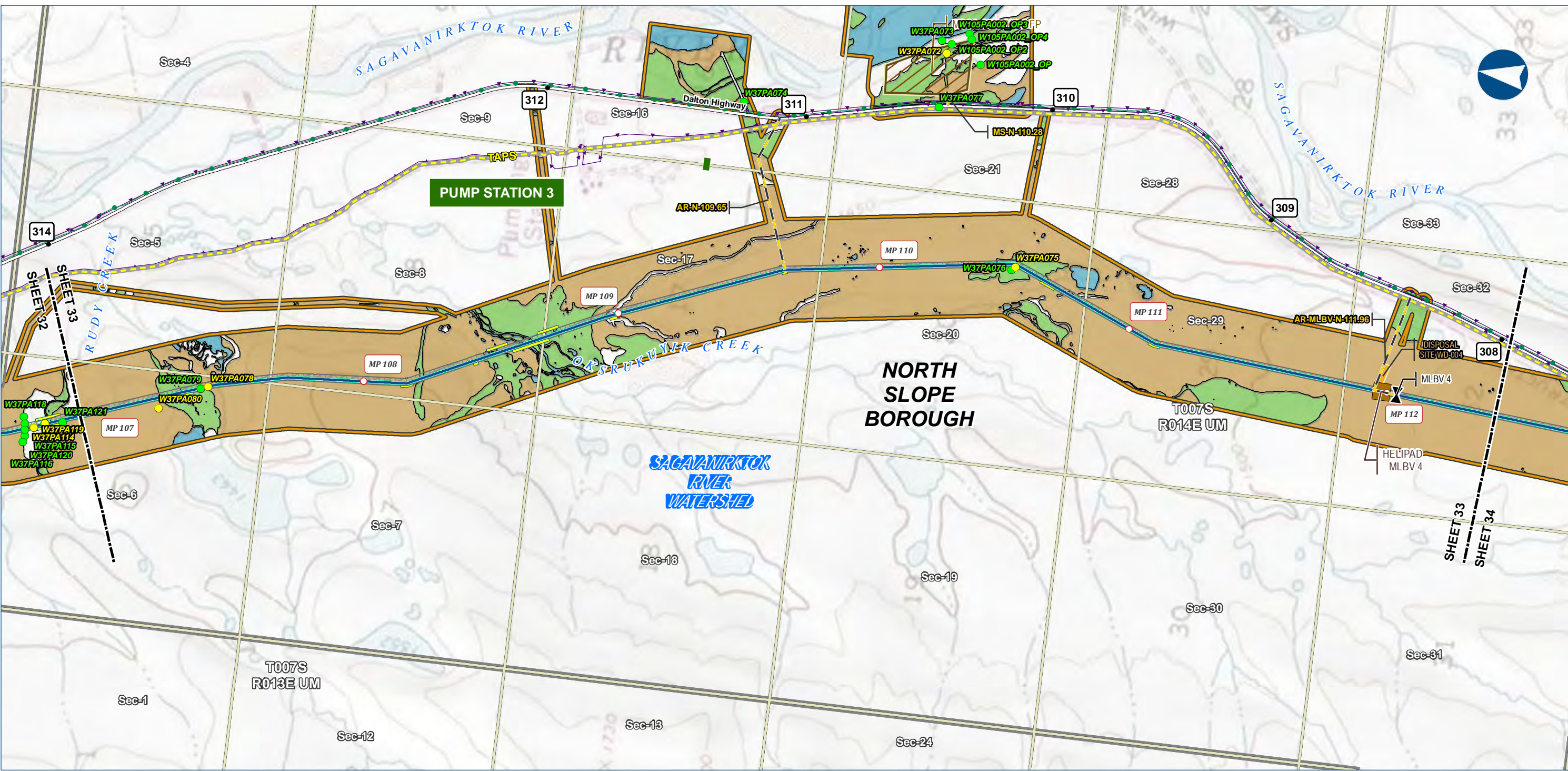
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 32



Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

Wetland Mapping Extent

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

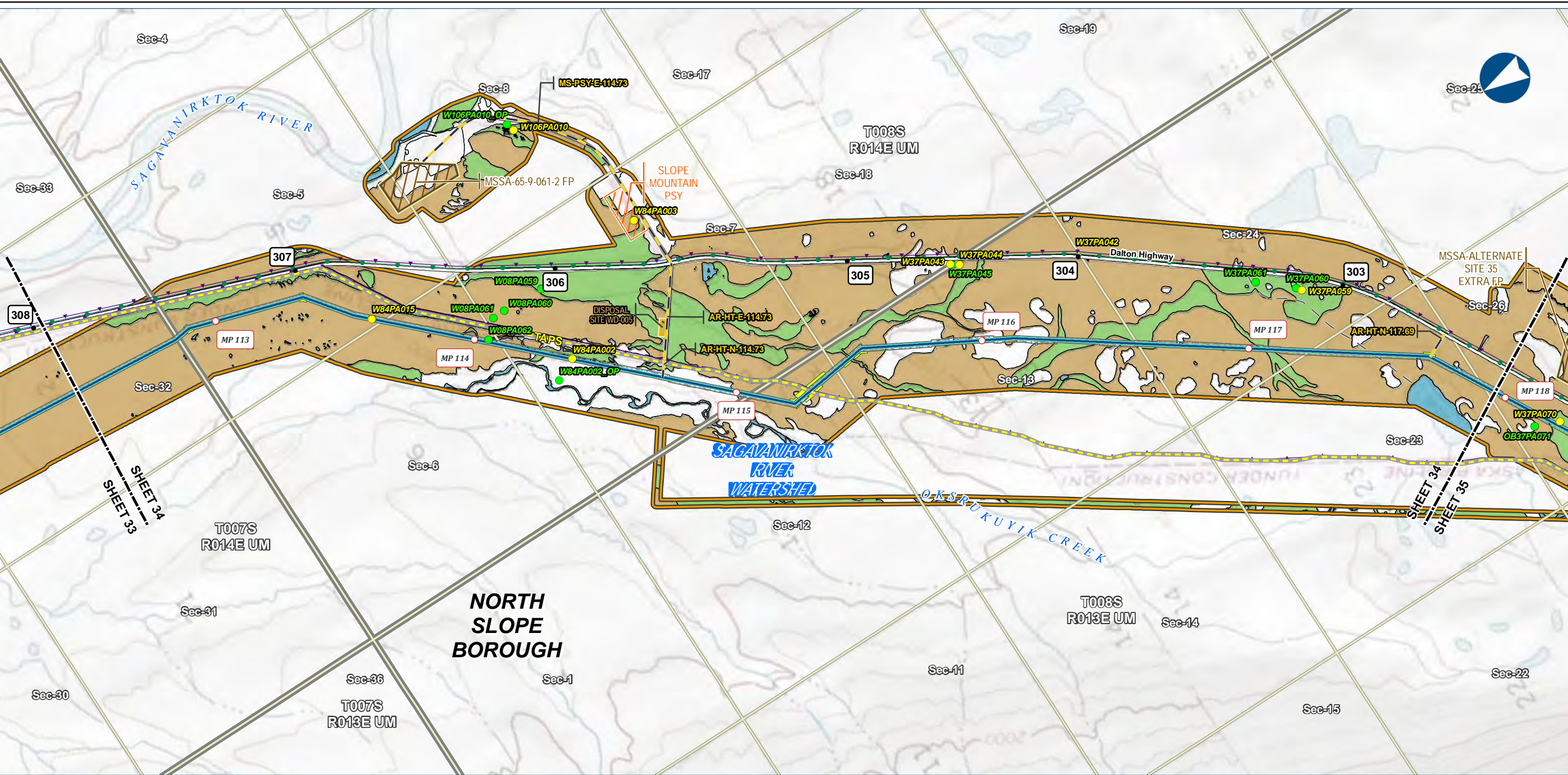
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 33



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Pipe Storage Yard (PSY)

Disposal Site

Material Site Study Area (MSSA)

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

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.

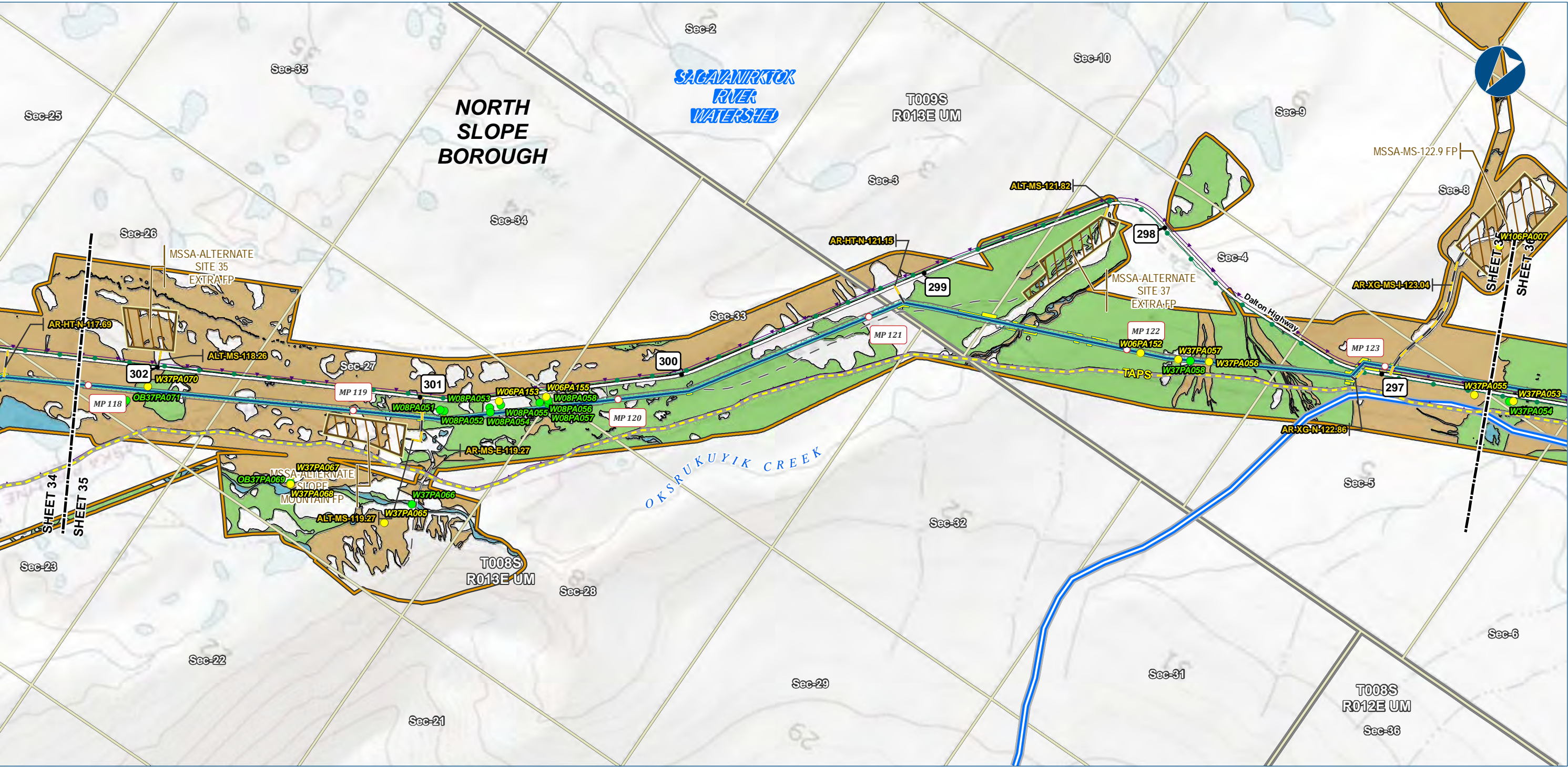
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 34



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

PERMANENT ROW

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

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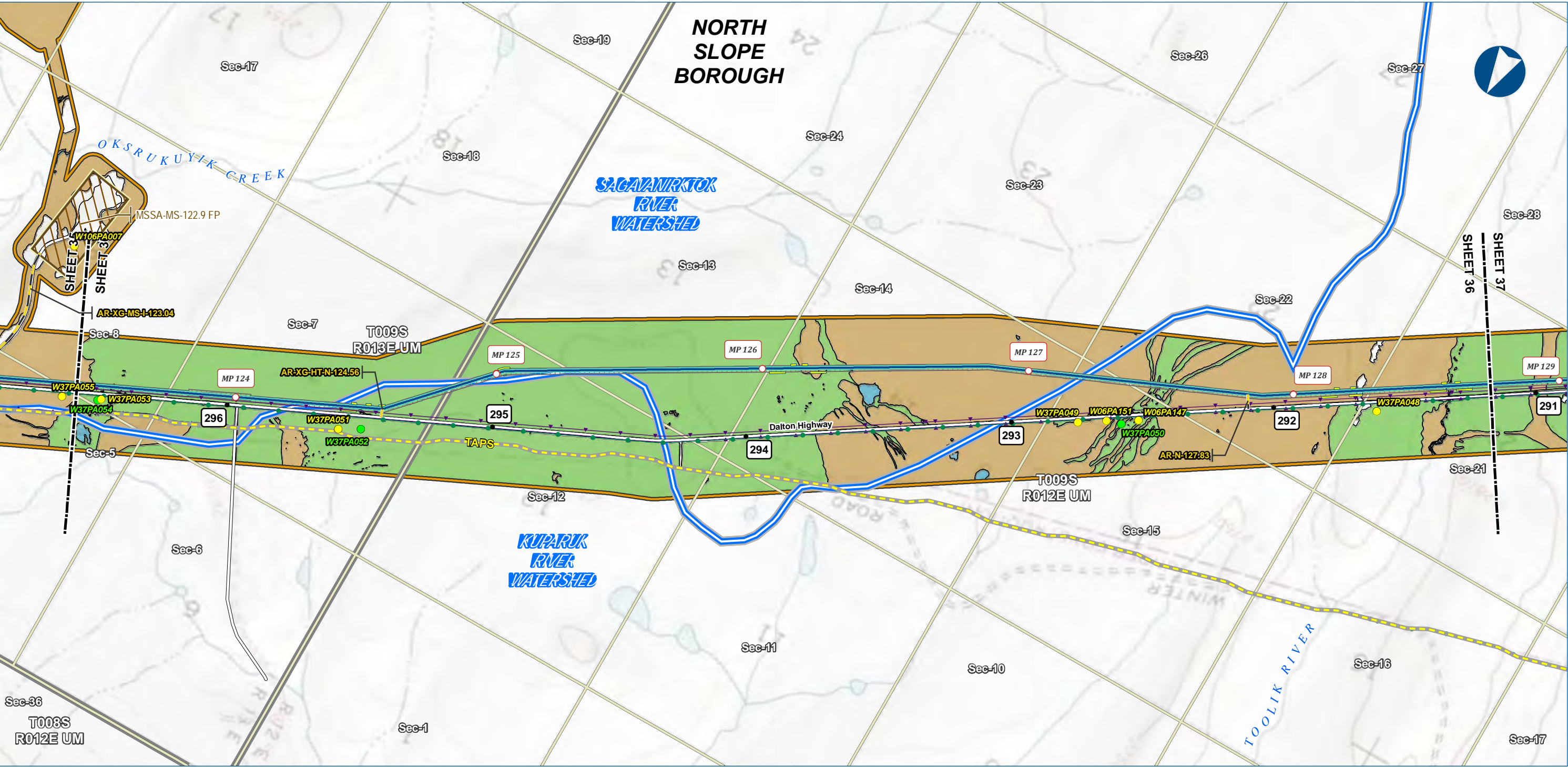
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
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0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 35



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

- Permanent ROW
- Construction ROW
- ATWS
- 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.

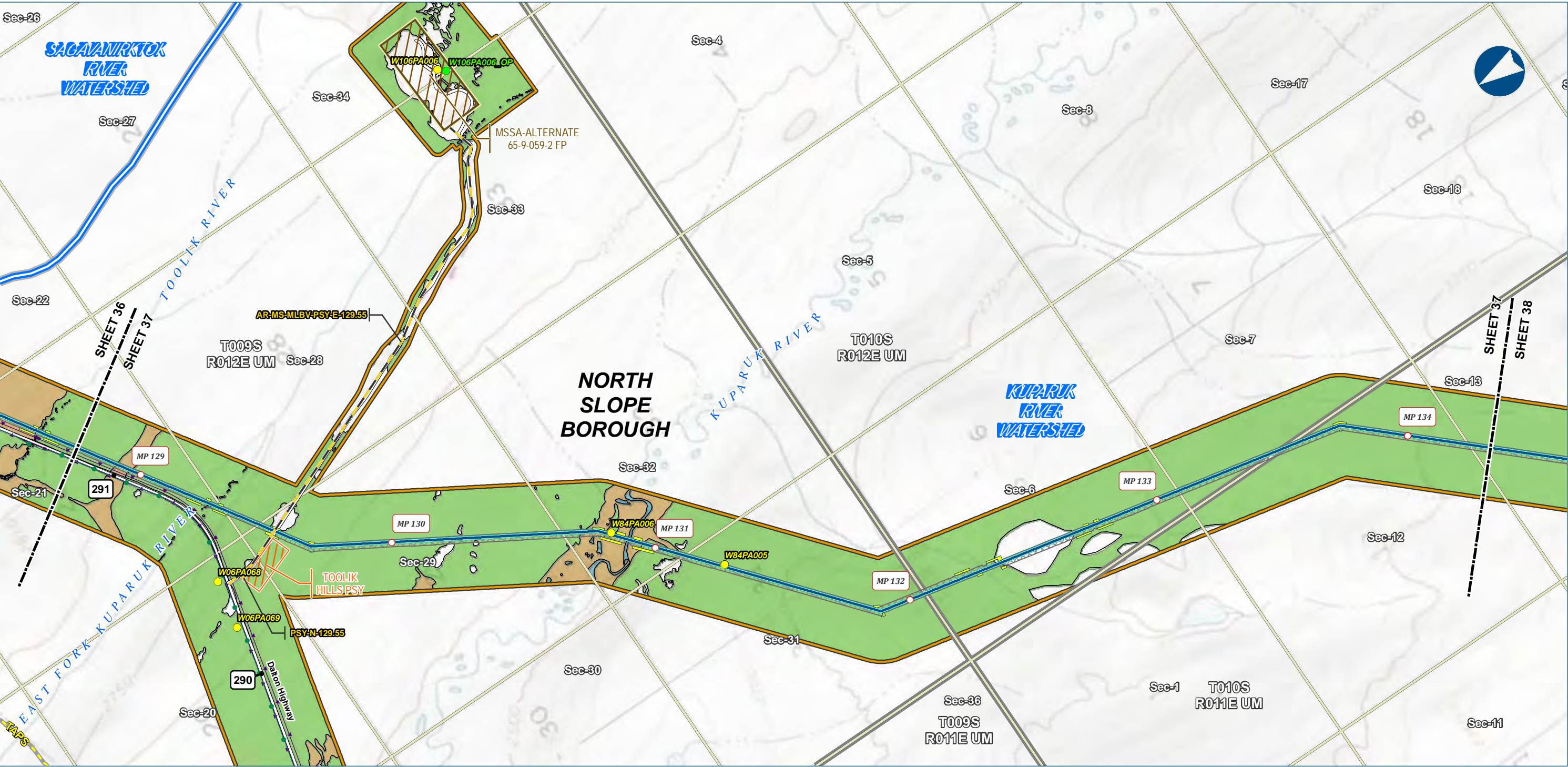
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 36



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- 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.

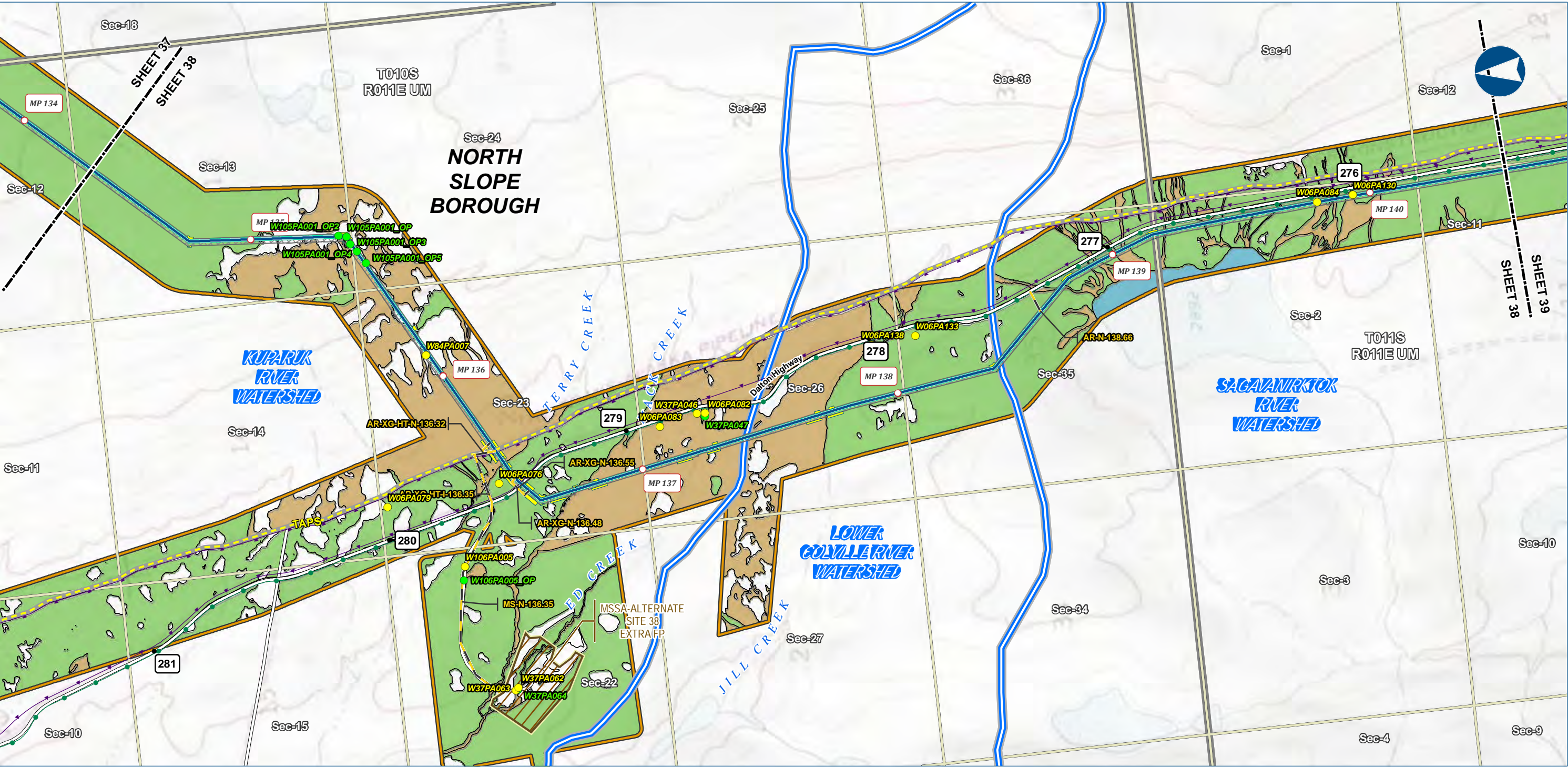
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 37



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

Wetland Area (areas not colored are uplands)

- 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.

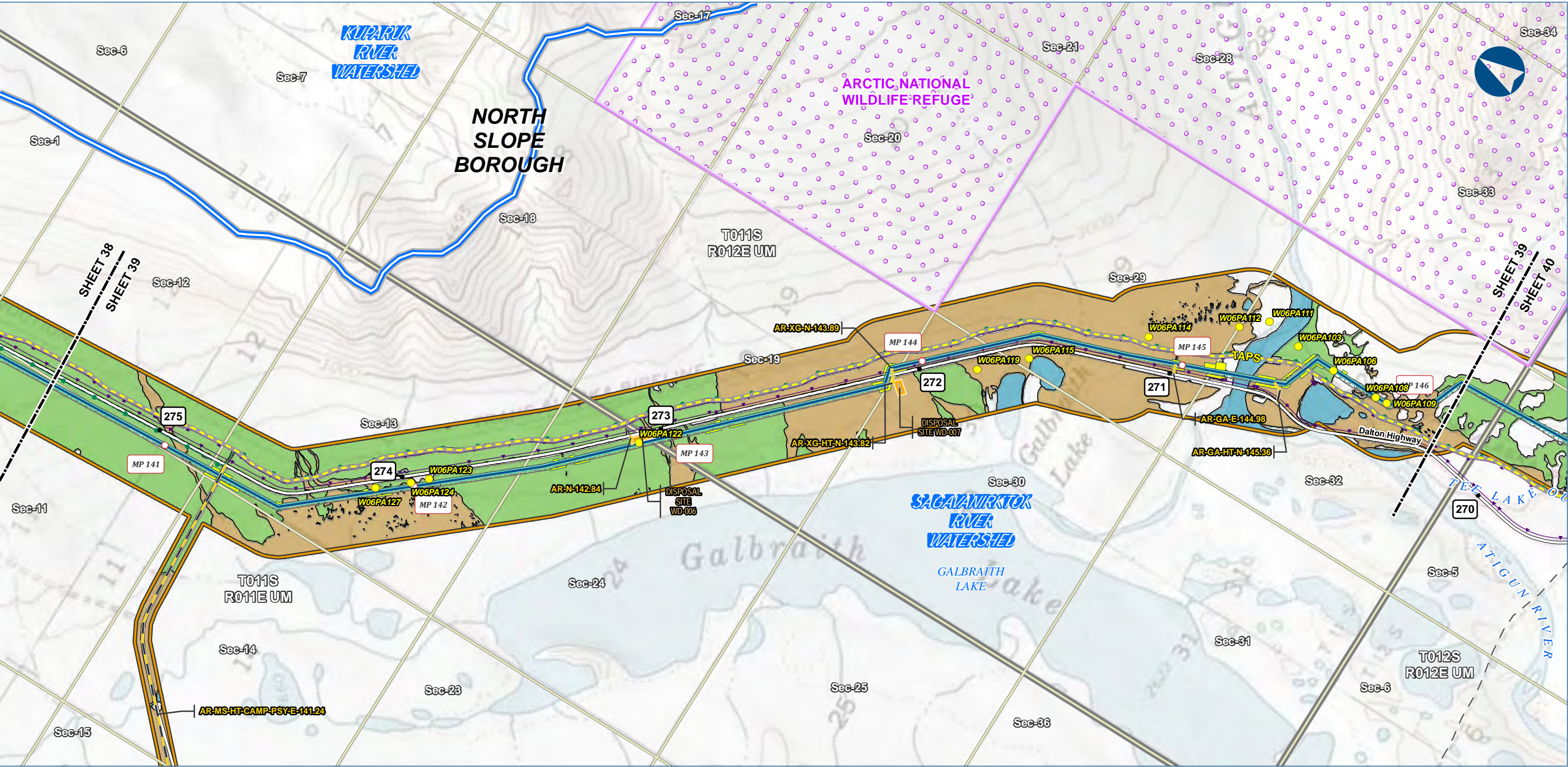
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 38



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

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

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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 39



Legend

PIPELINE

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

EXISTING FEATURES

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

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
- 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.

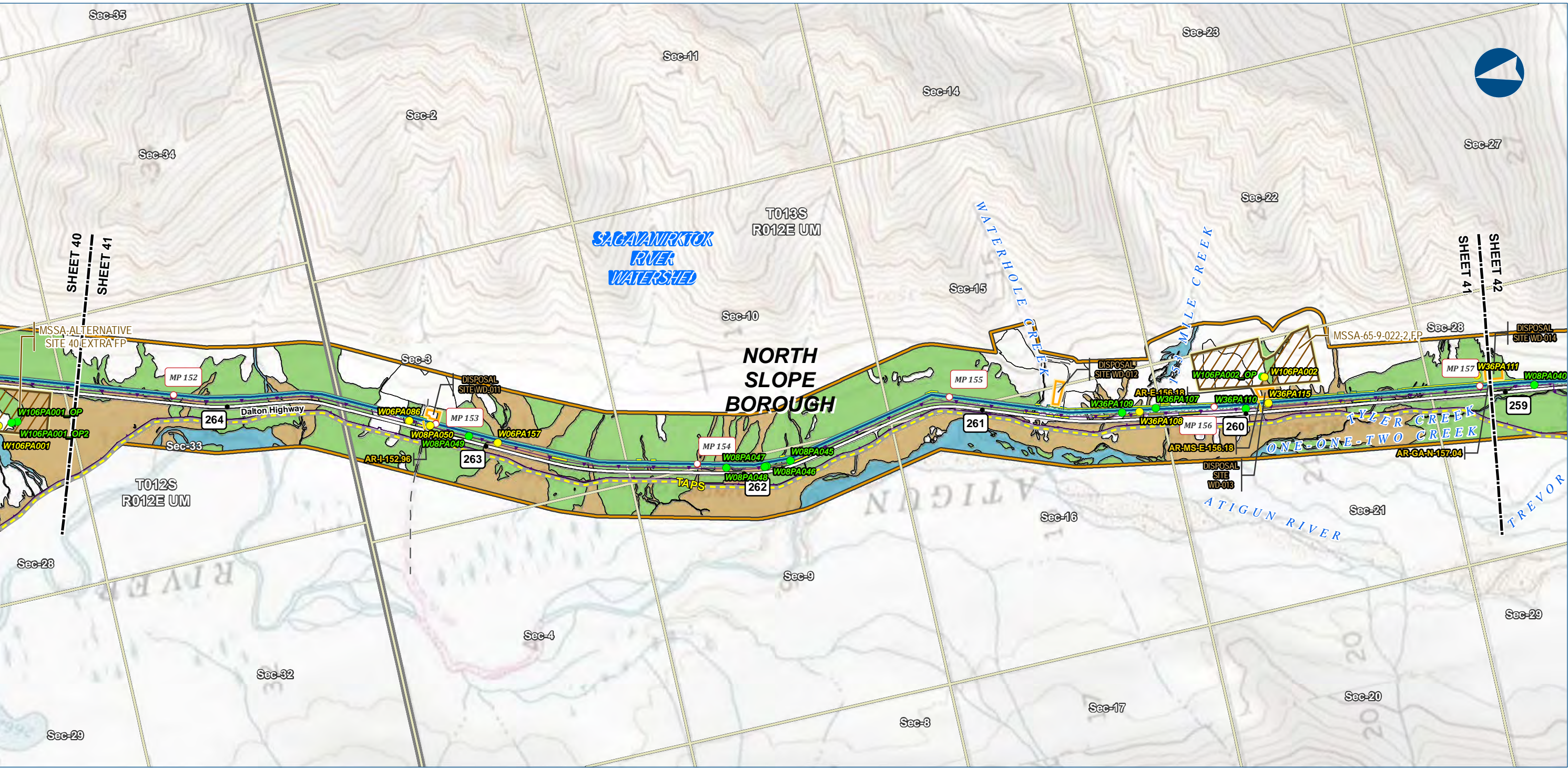
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 40



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- 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.

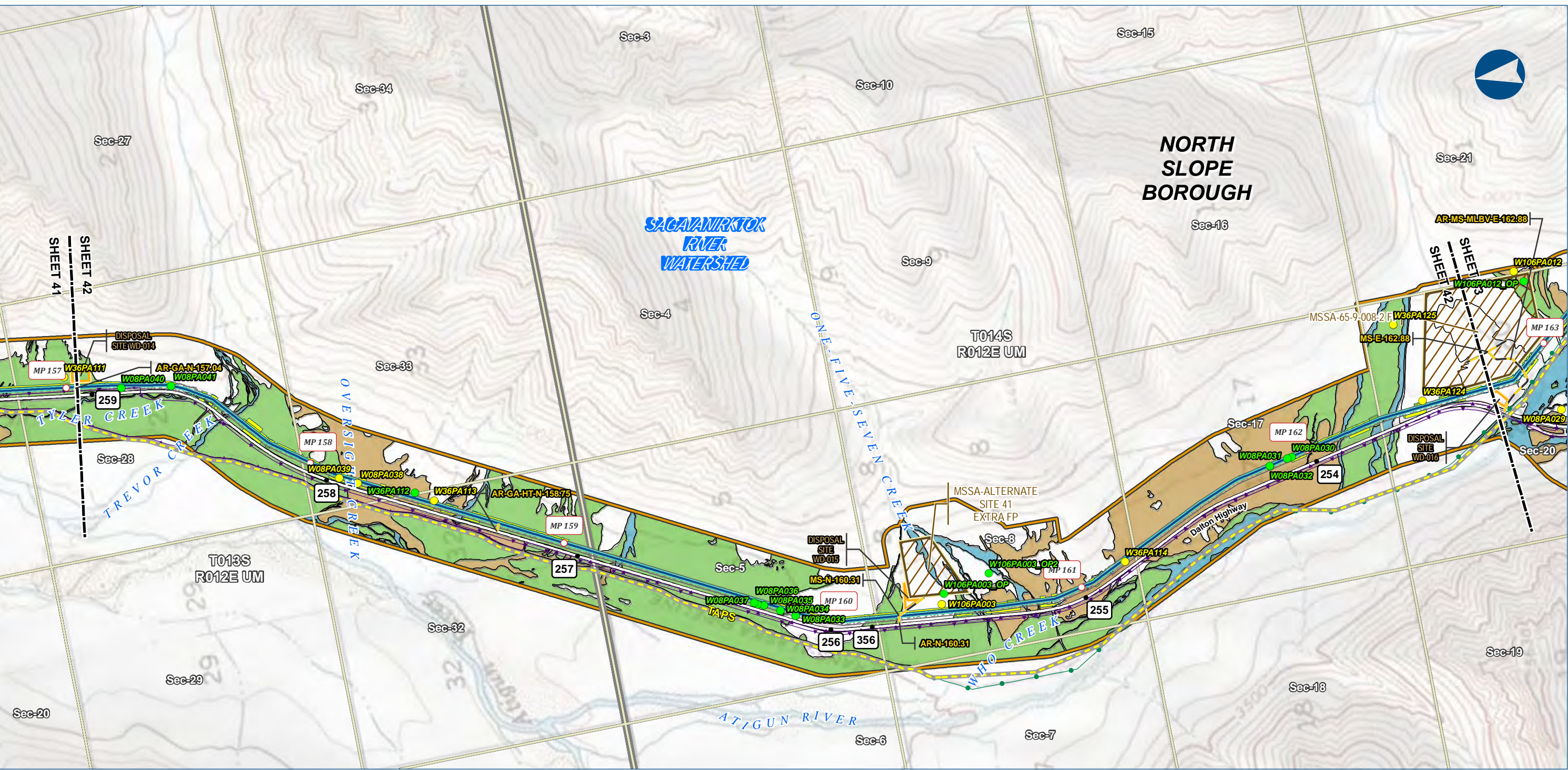
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 41



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- Disposal Site
- Material Site Study Area (MSSA)

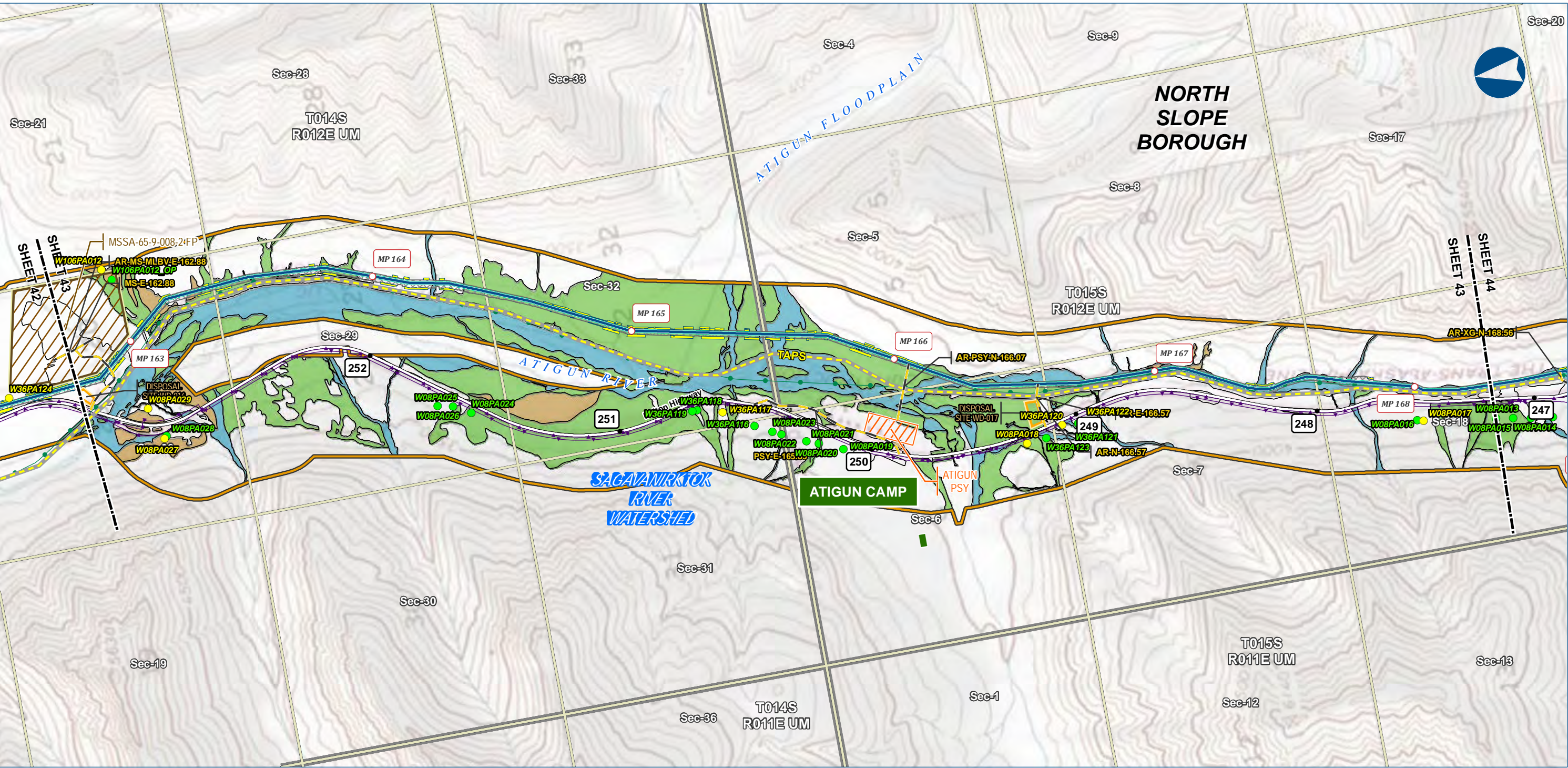
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 42



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

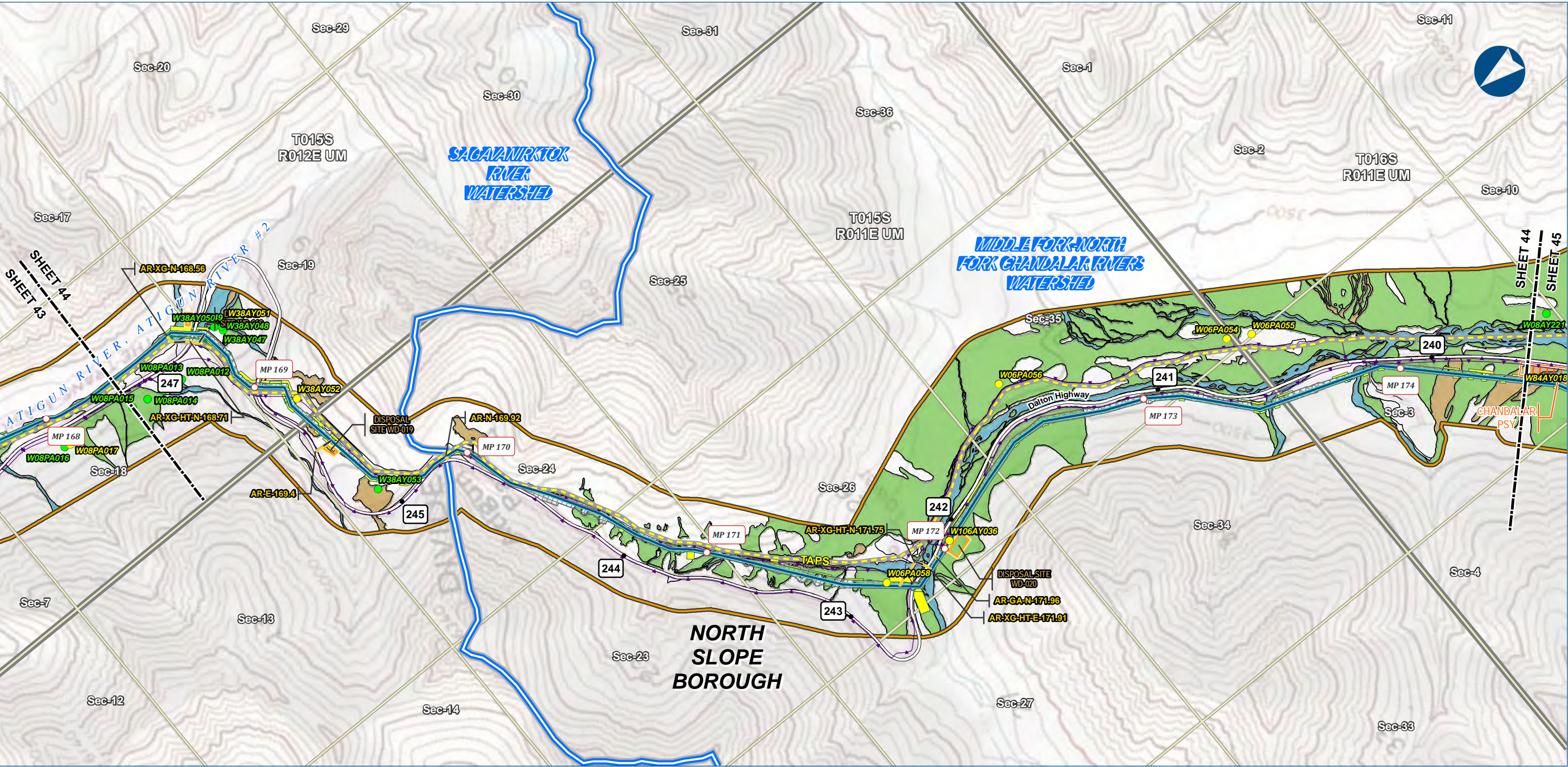
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 43



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

Other Features

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

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.

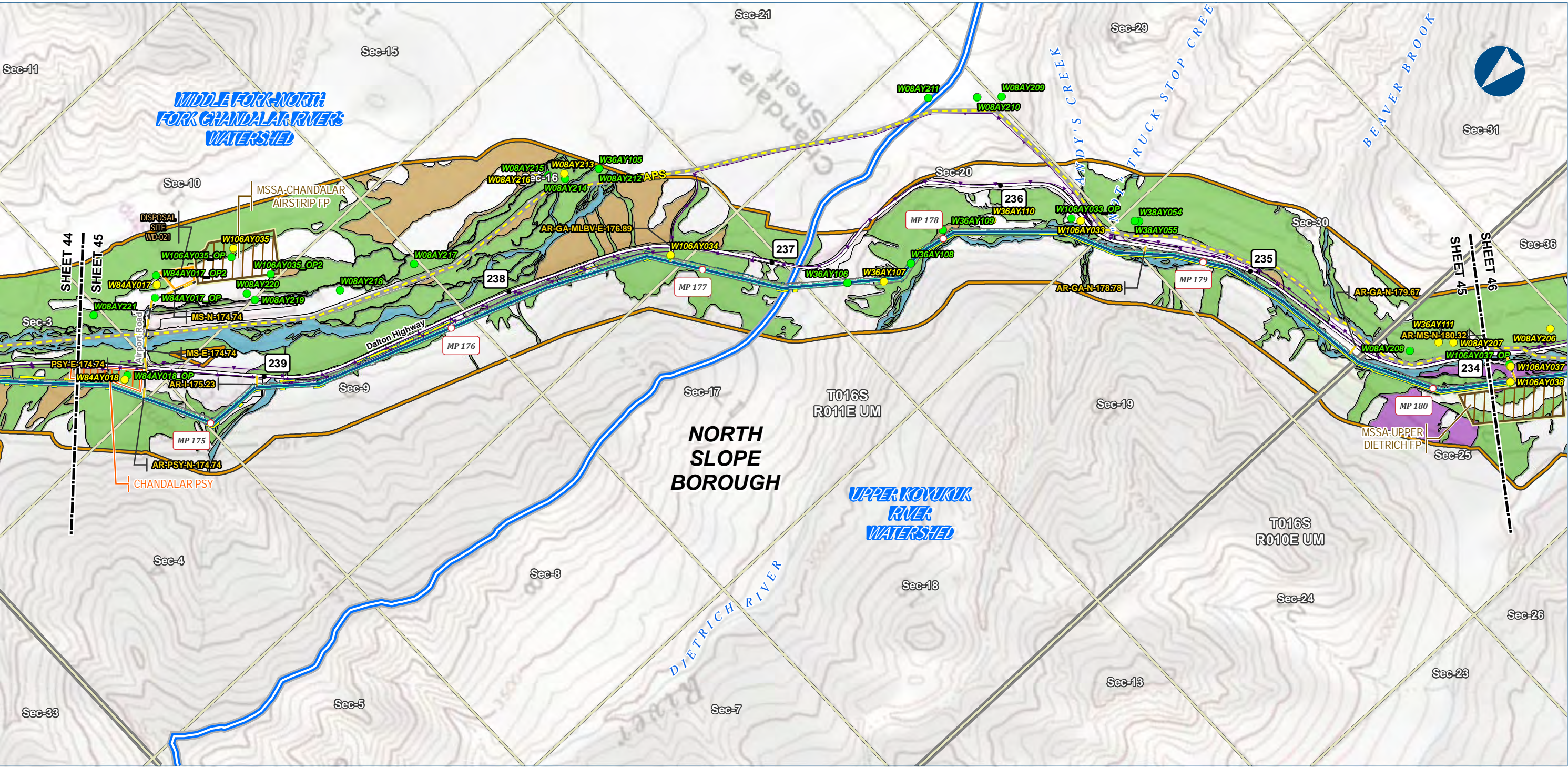
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 44



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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)

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.

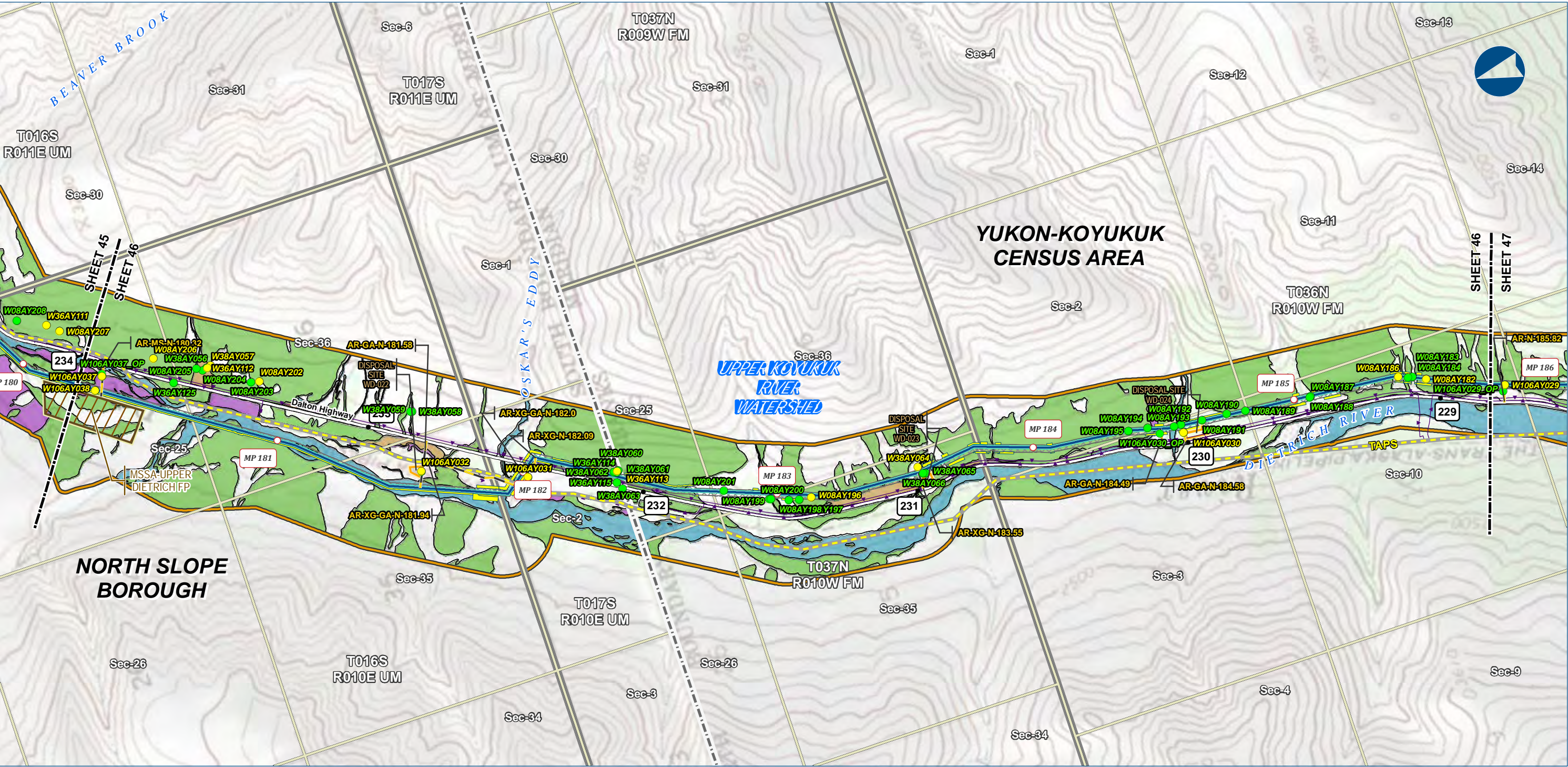
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
BOROUGH:	NORTH SLOPE	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 45



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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.

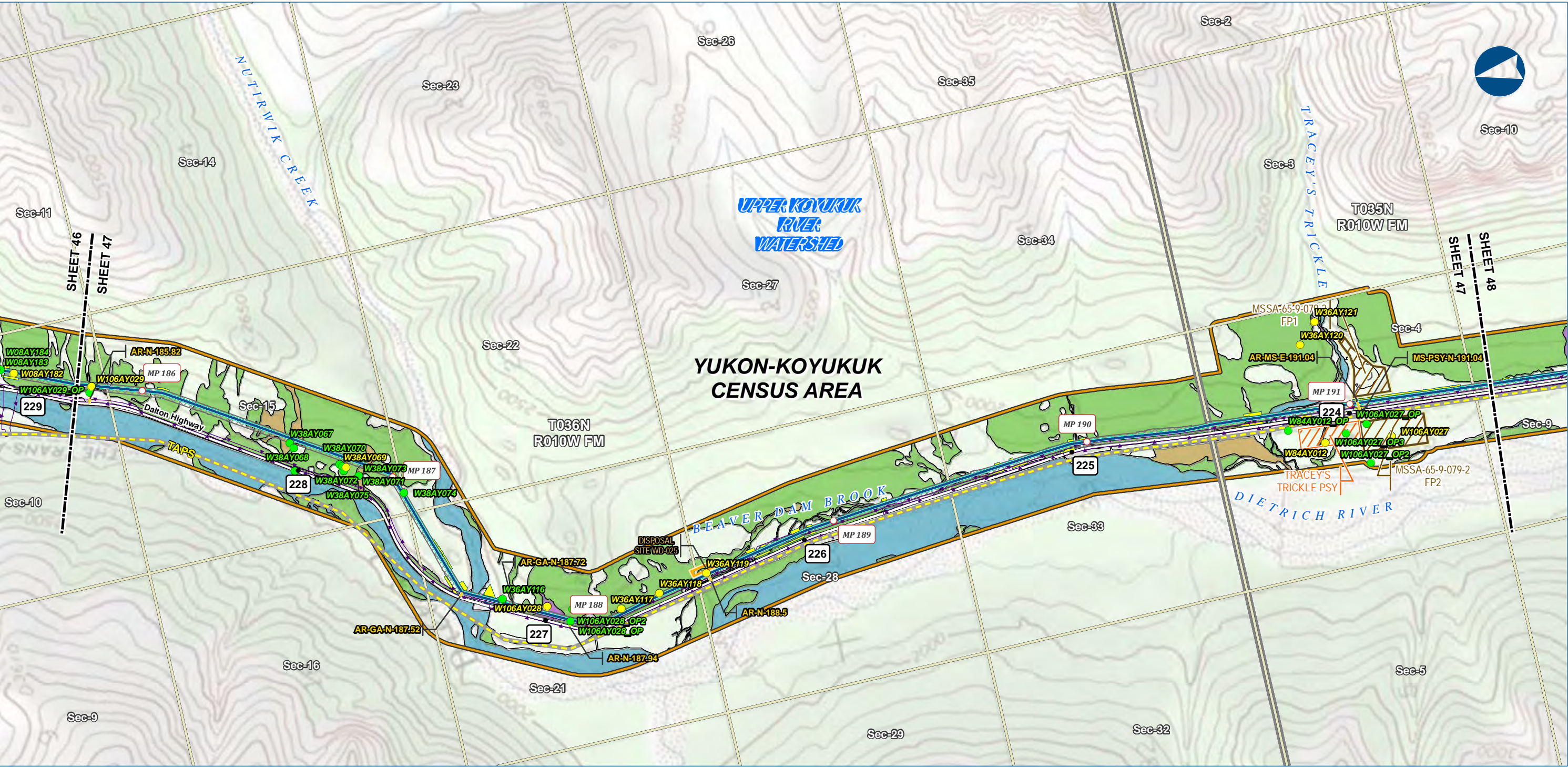
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 46



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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.

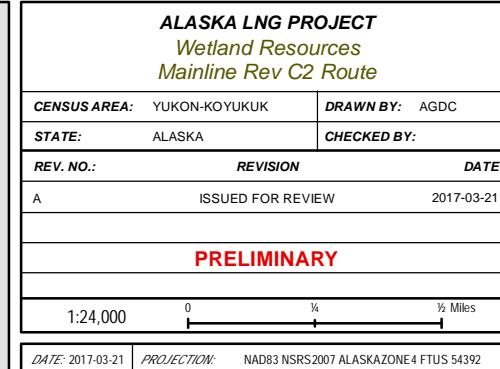
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

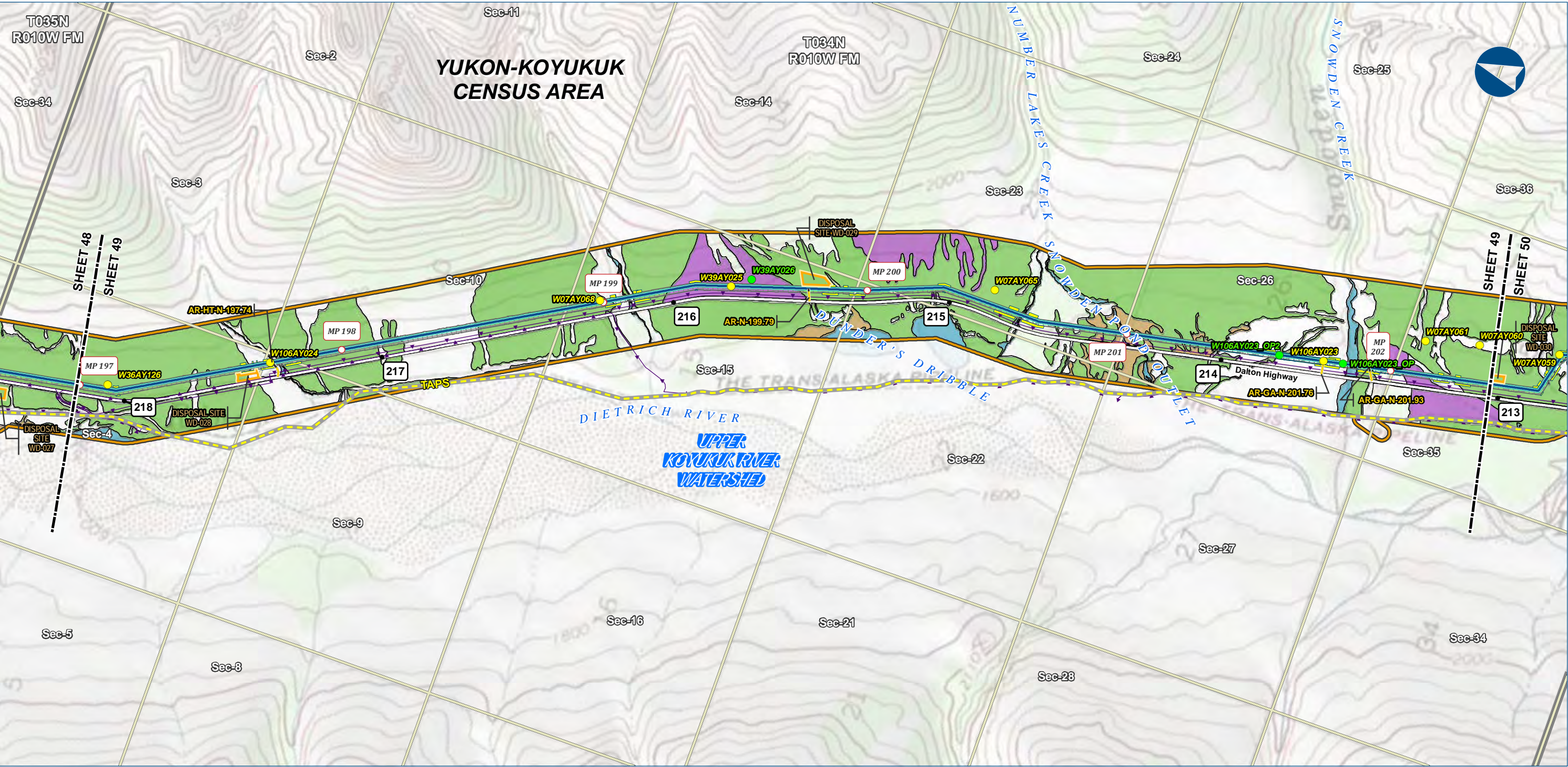
SHEET: 47



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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL **SHEET:** 48



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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

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.

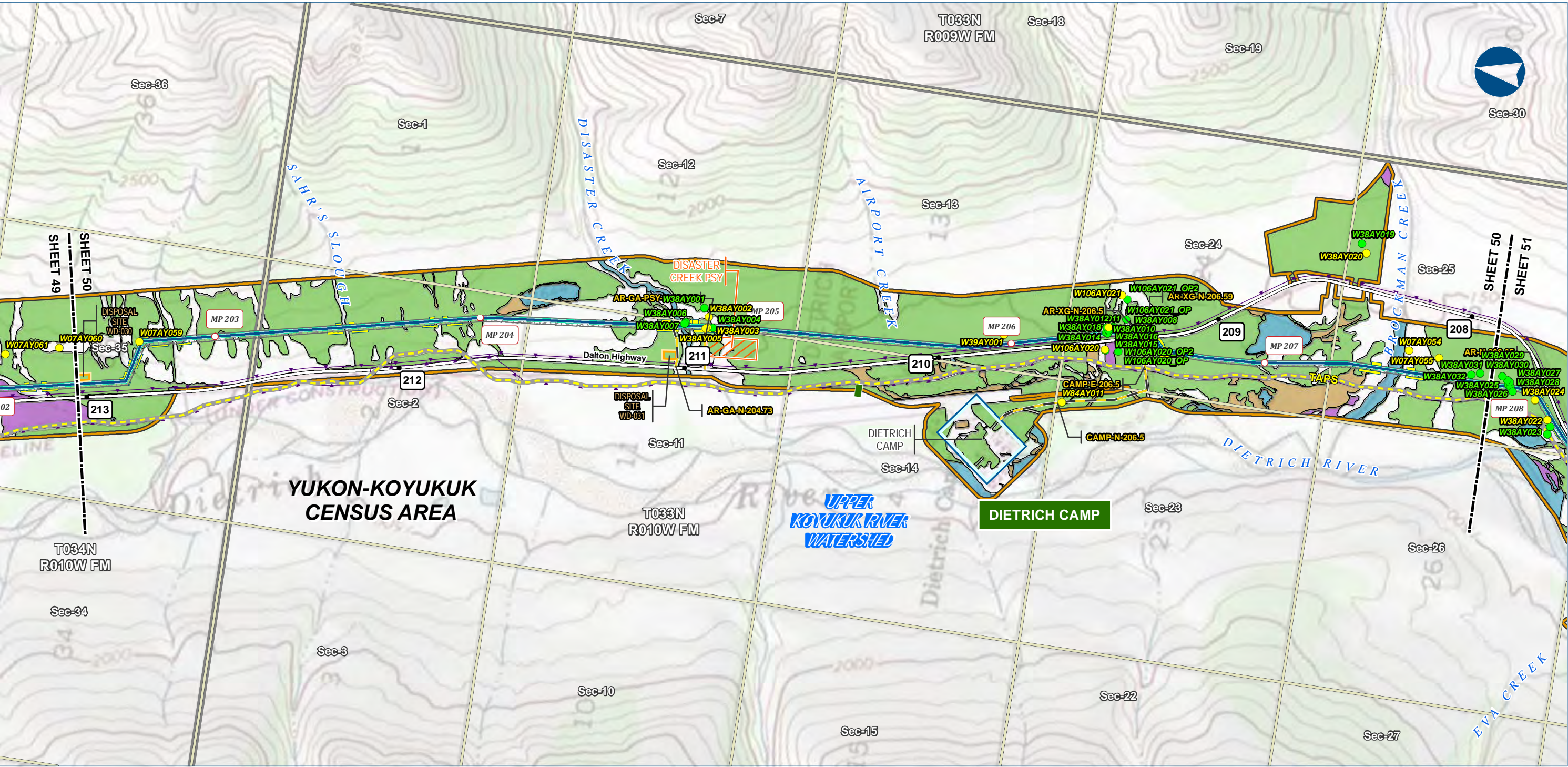
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 49



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

- Welland Field Verification Location
- Welland 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

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.

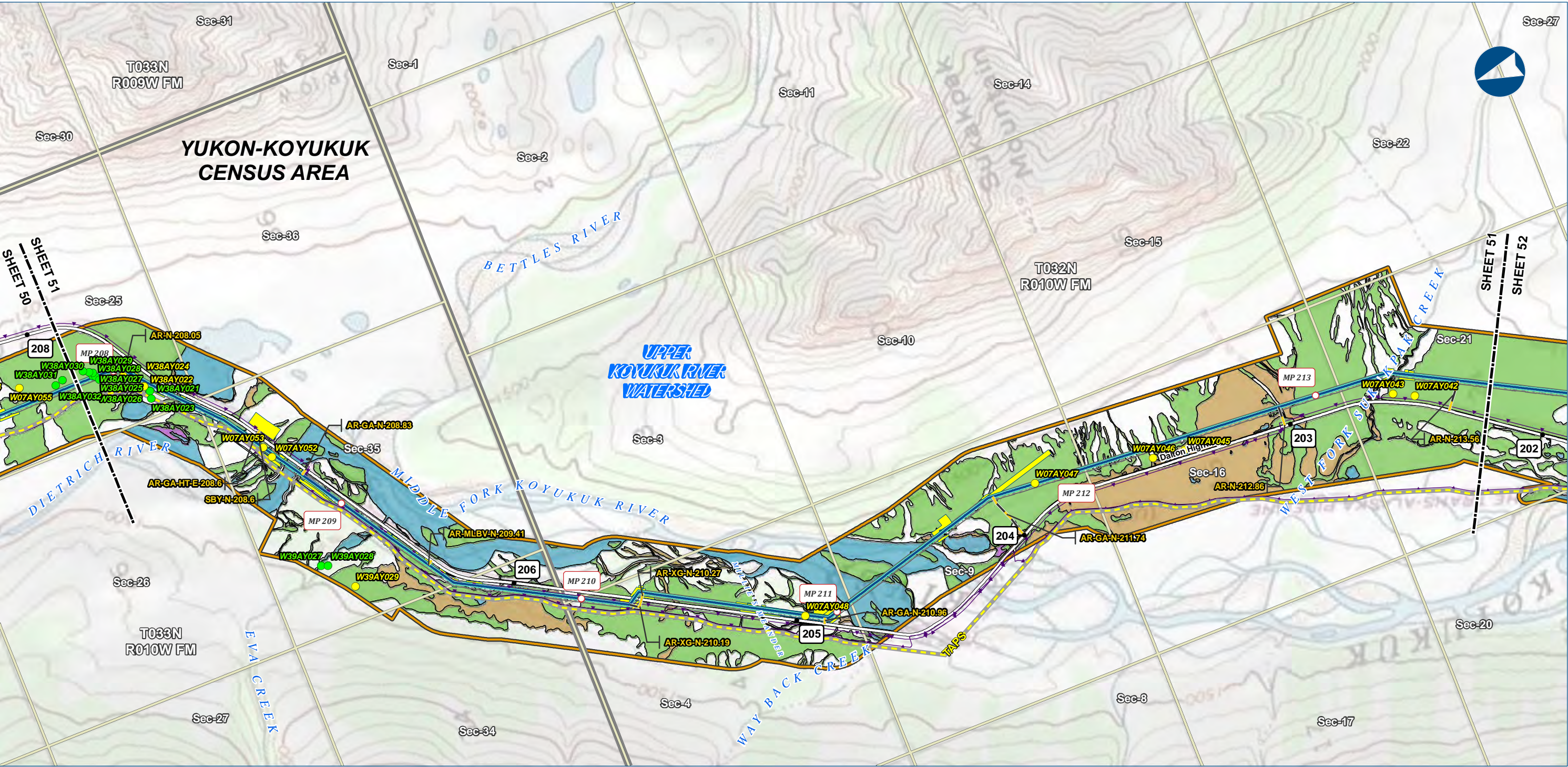
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 50



Alaska LNG Project

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

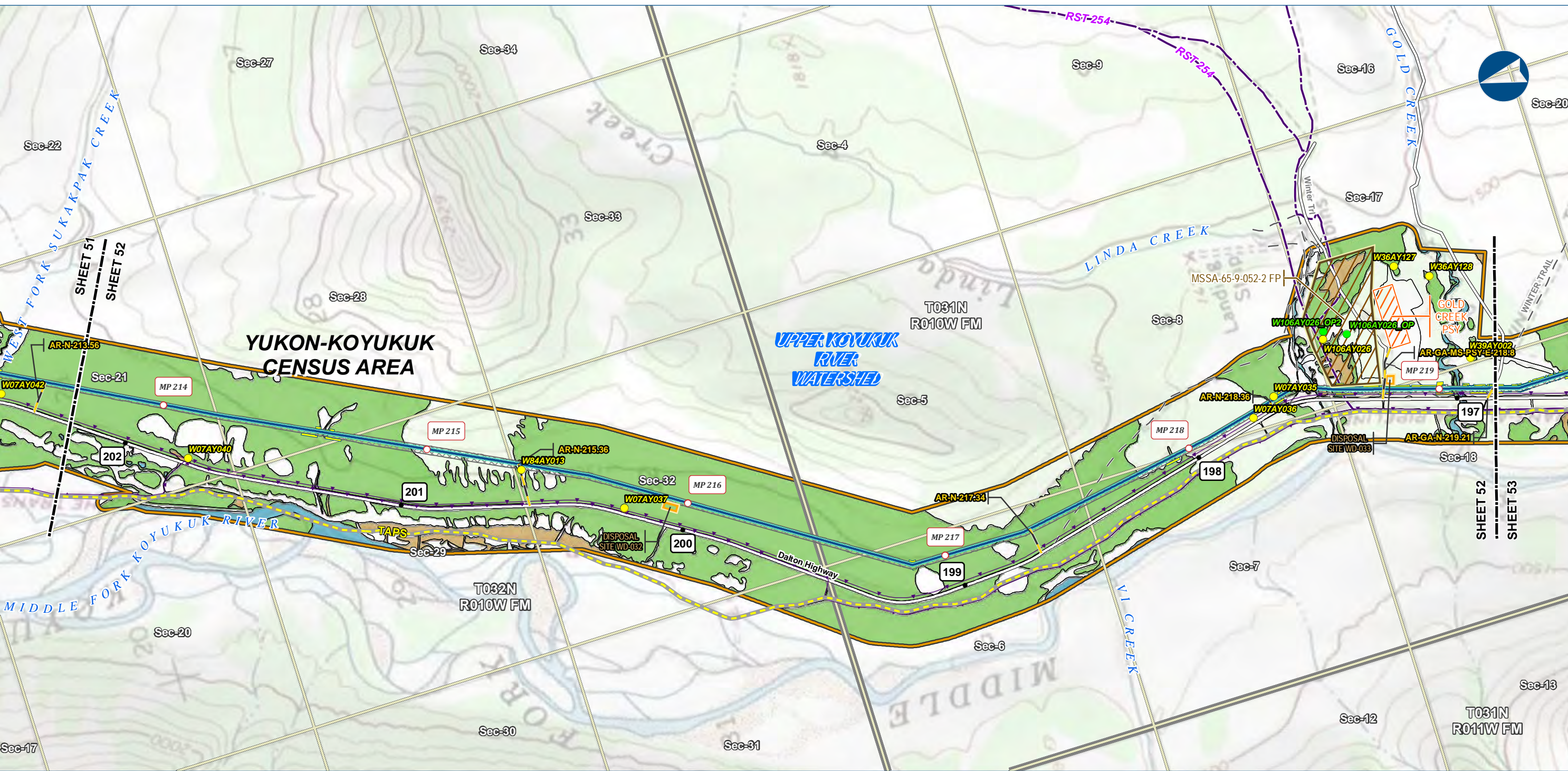
Wetland mapping was completed using USACE approved methodology and consisted of a combination of desk top and field survey information. Cowardin classification down to level 4 and 5 was used for the mapping. What is depicted here are the general wetland categories for visual mapping purposes only. More 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 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 51



Alaska LNG Project

Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Pipe Storage Yard (PSY)

Disposal Site

Material Site Study Area (MSSA)

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

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.

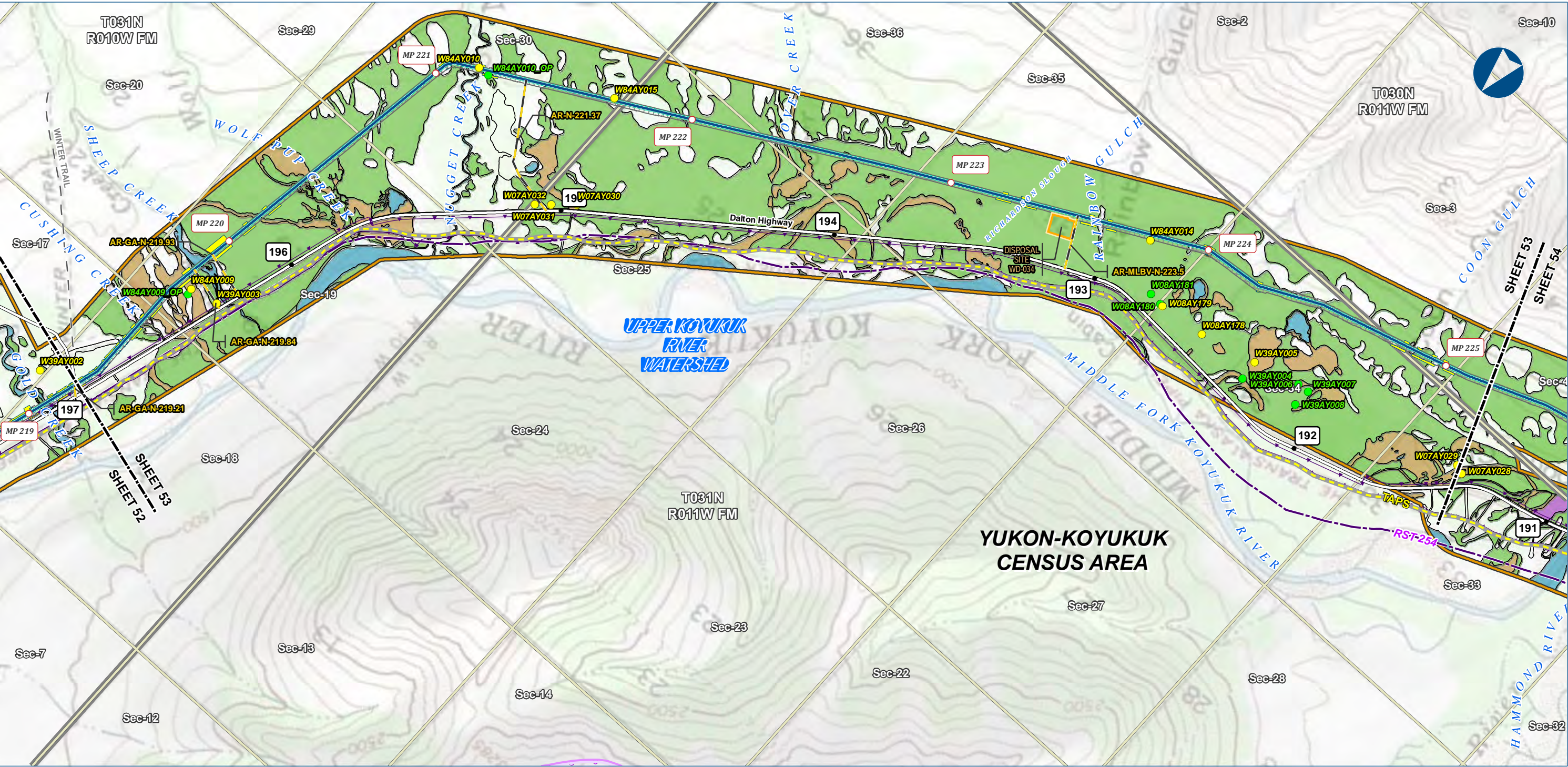
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 52

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Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland 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.

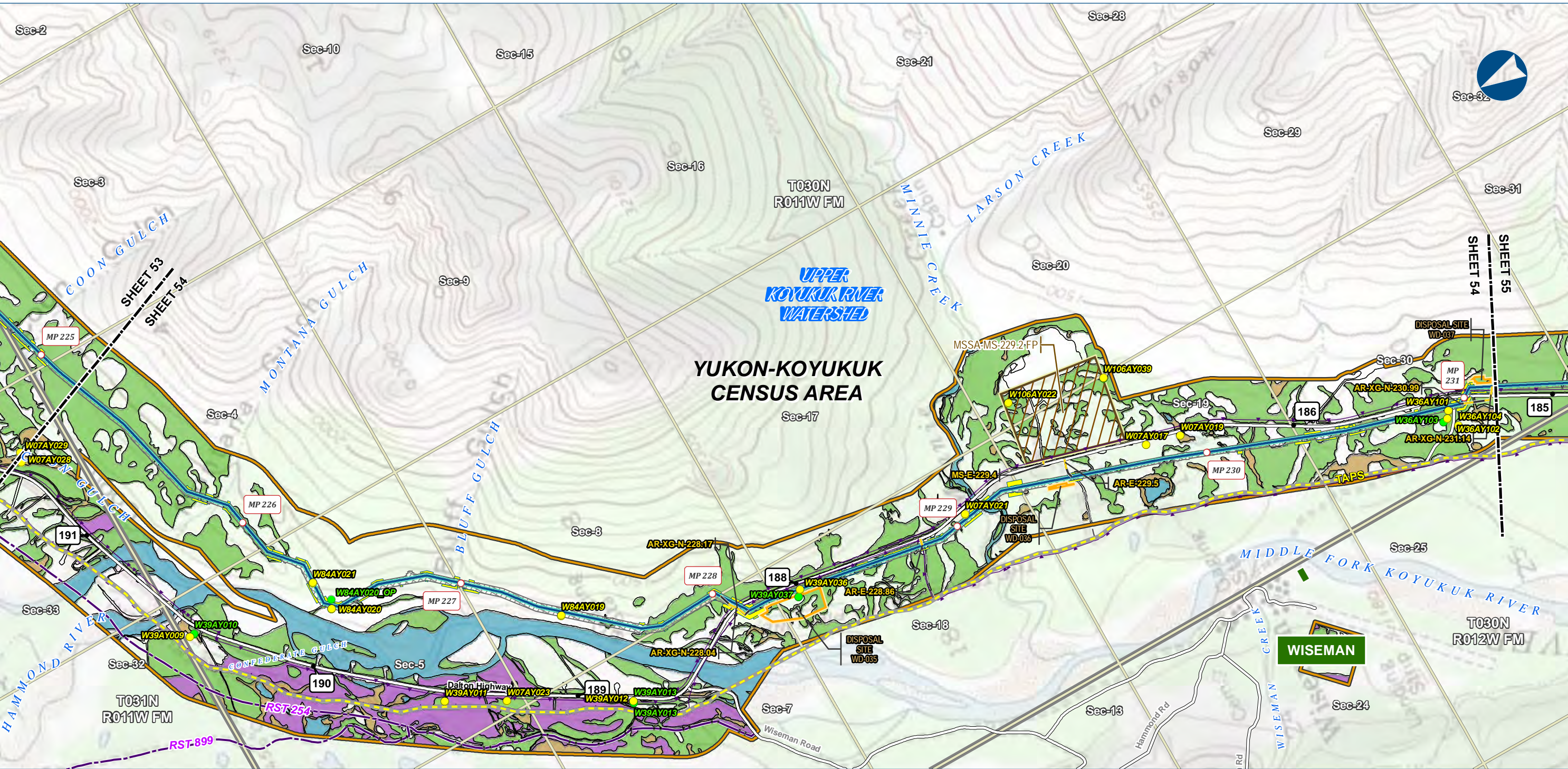
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 53



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

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

PFM

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	

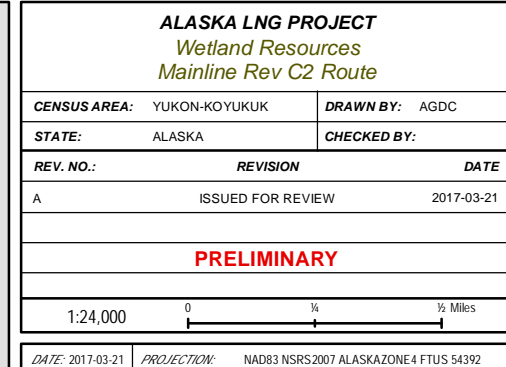
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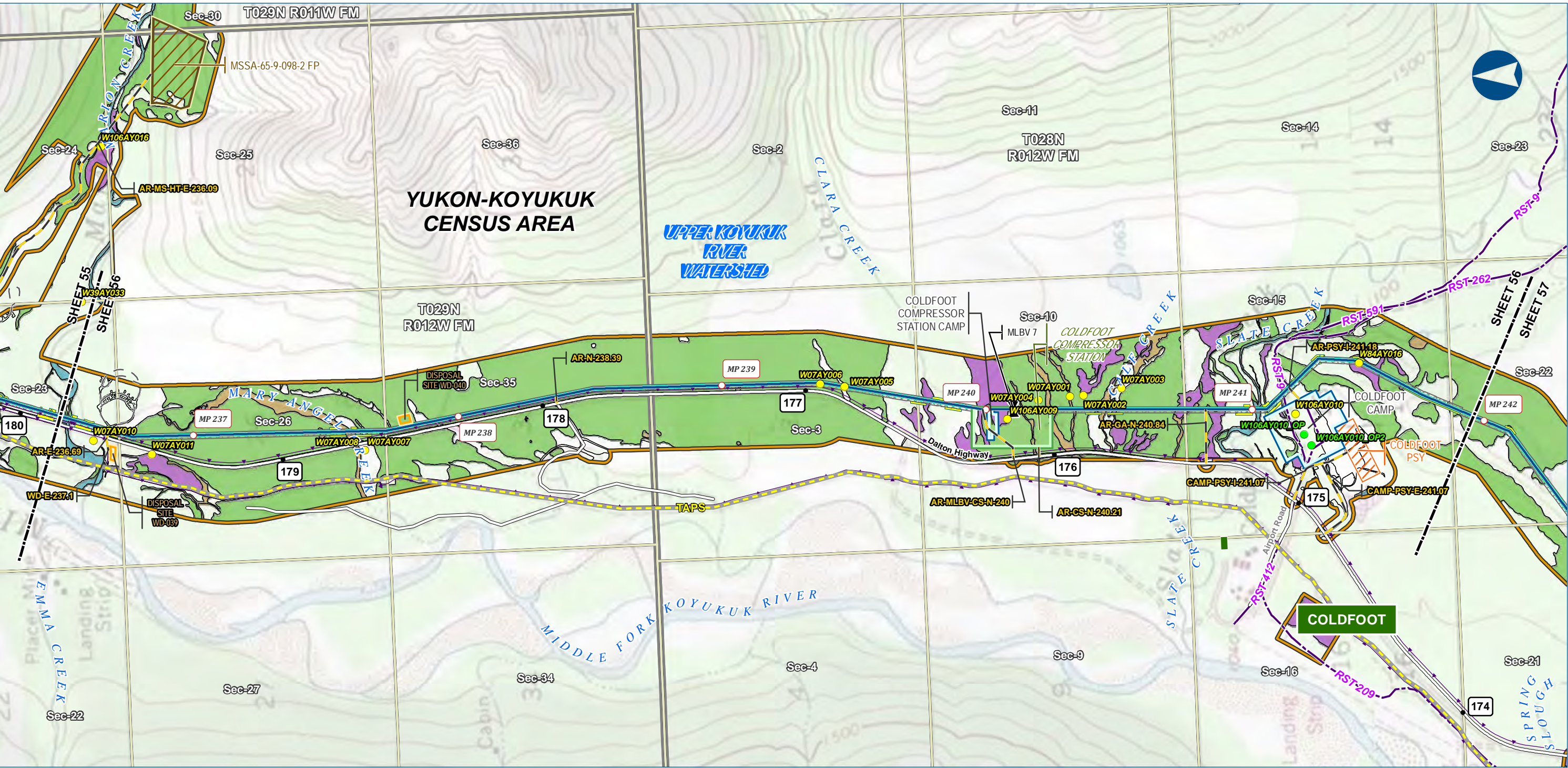
DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 54

Alaska LNG Project

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 55
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Alaska LNG Project

Legend

PIPELINE

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

EXISTING FEATURES

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

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
- 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.

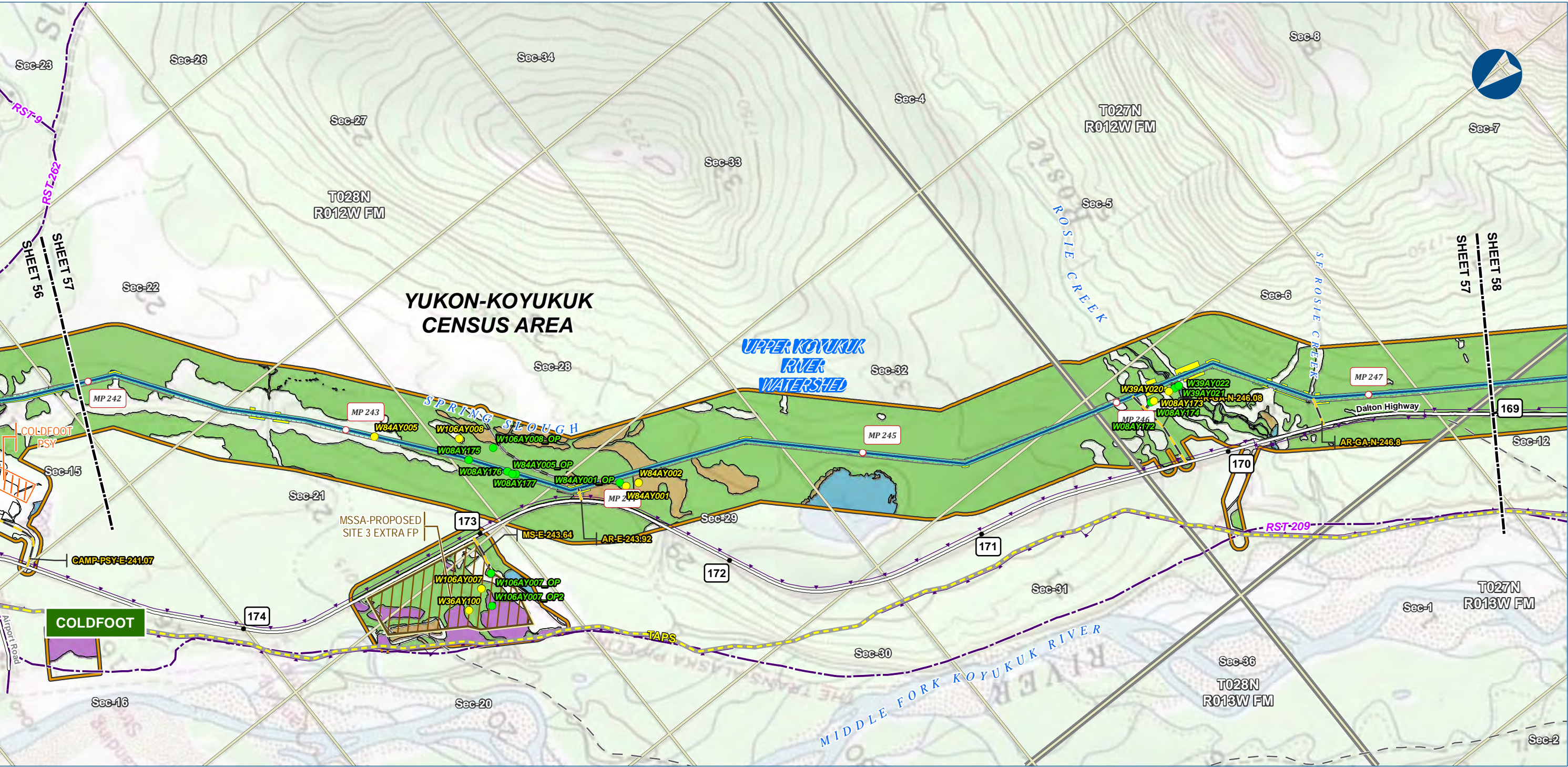
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 56



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
- 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.

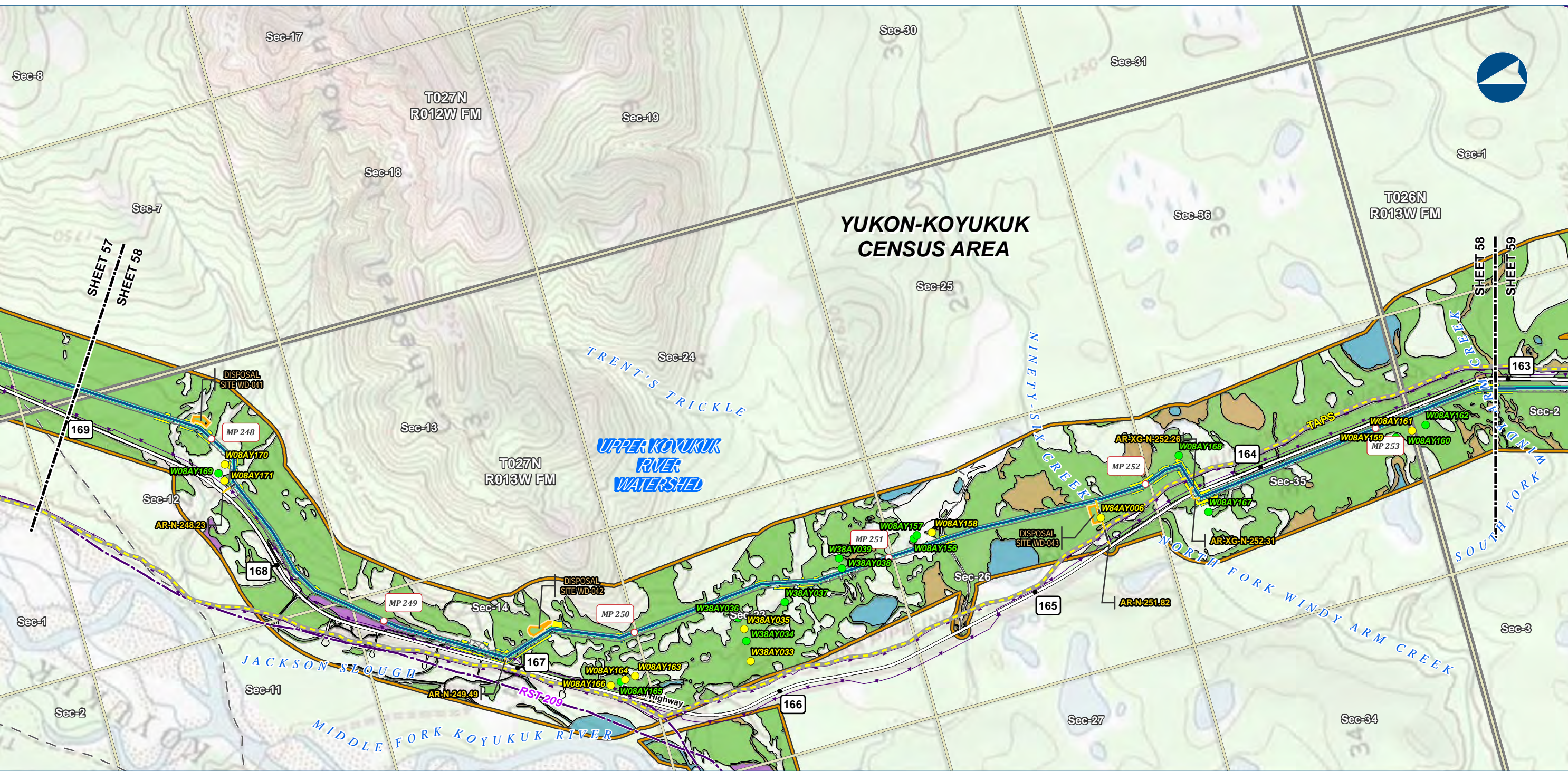
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 57



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

Welland Field Verification Location

Welland Field Observation Location

Wetland Area (areas not colored are uplands)

Open Water

PEM

PFO

PSS

Permanent ROW

Construction ROW

ATWS

Disposal Site

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 ALASKAZONE4 FTUS 54392

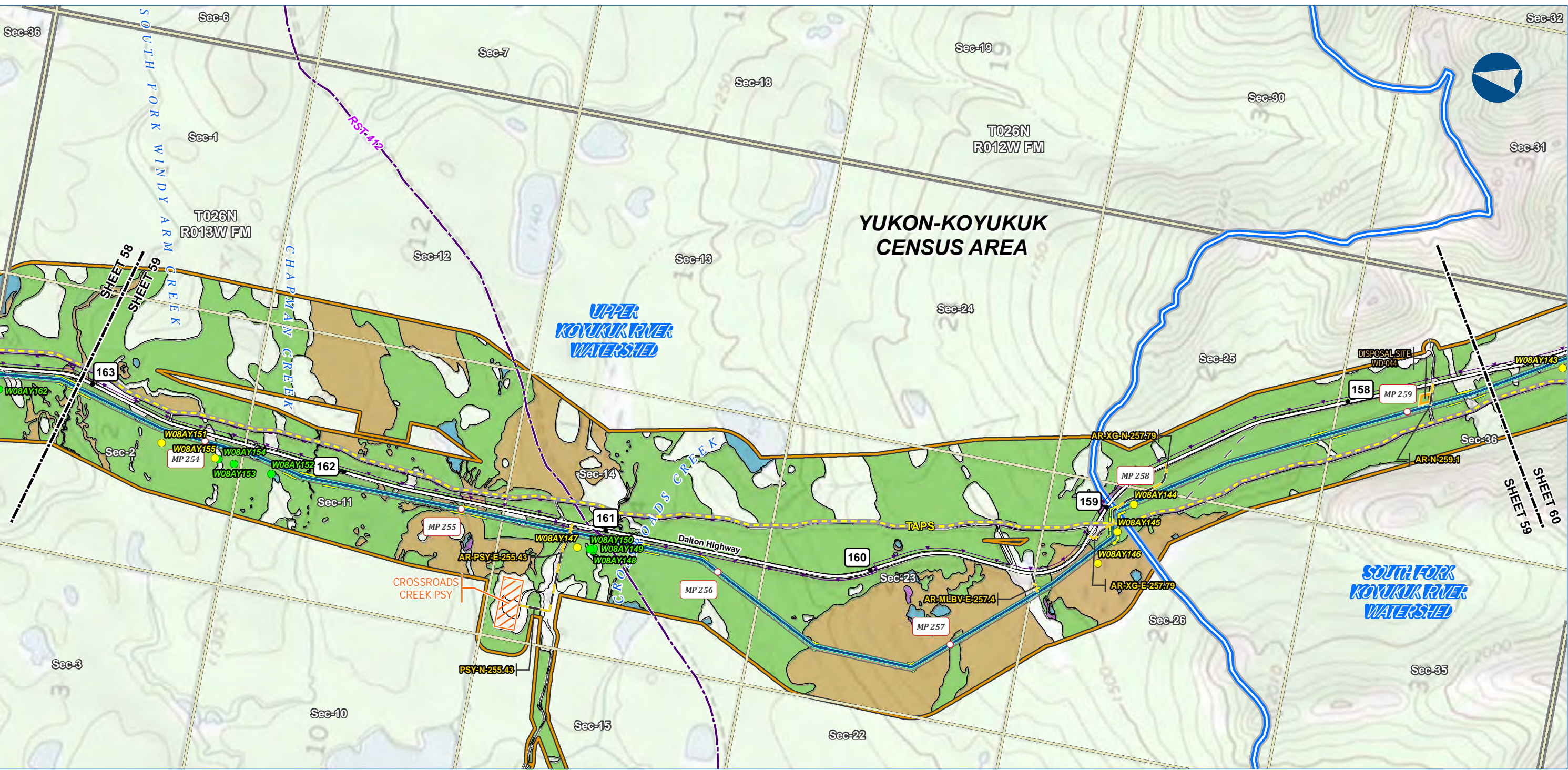
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 58

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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
- 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

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.

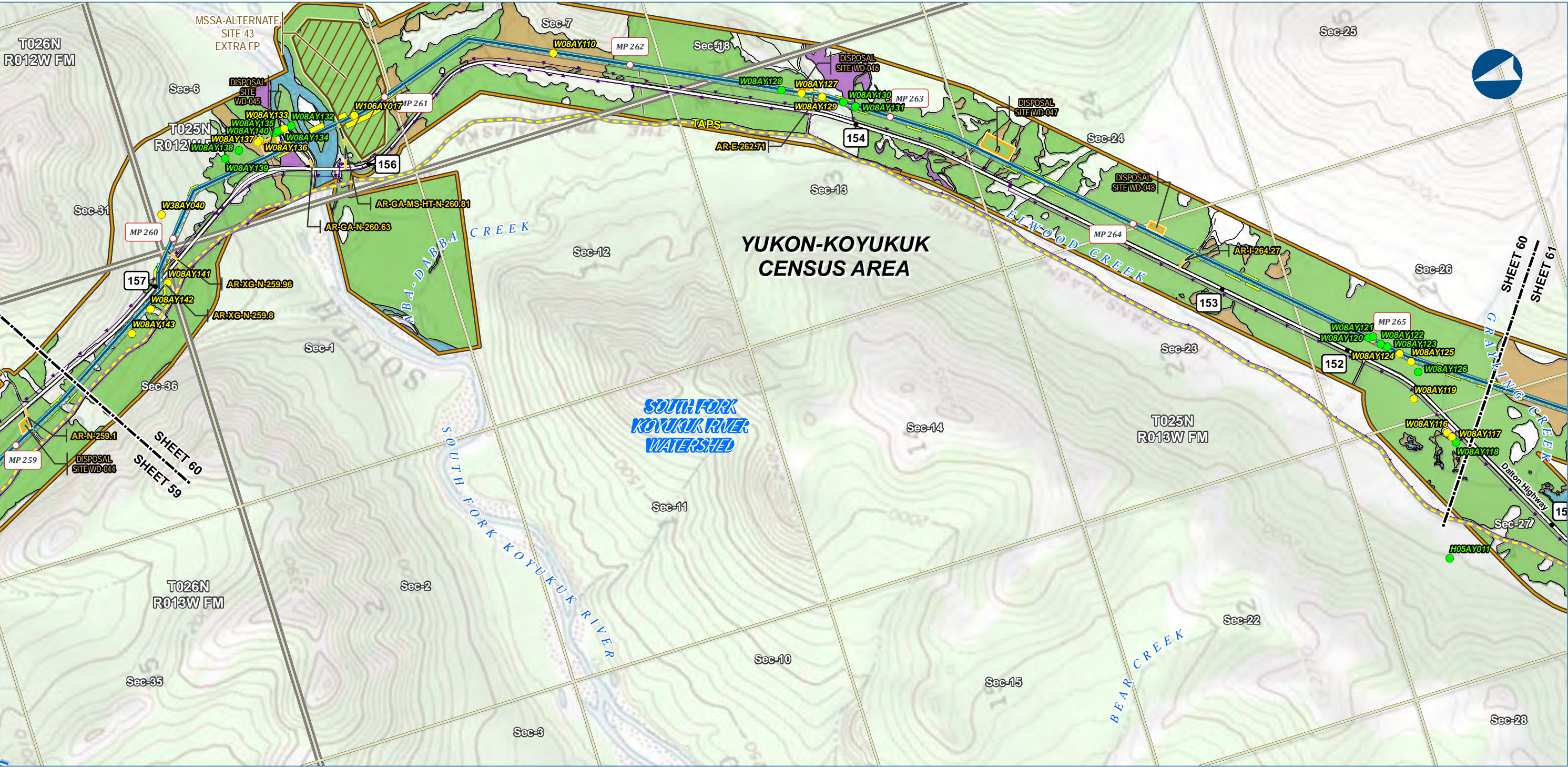
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 59



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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

Disposal Site

Material Site Study Area (MSSA)

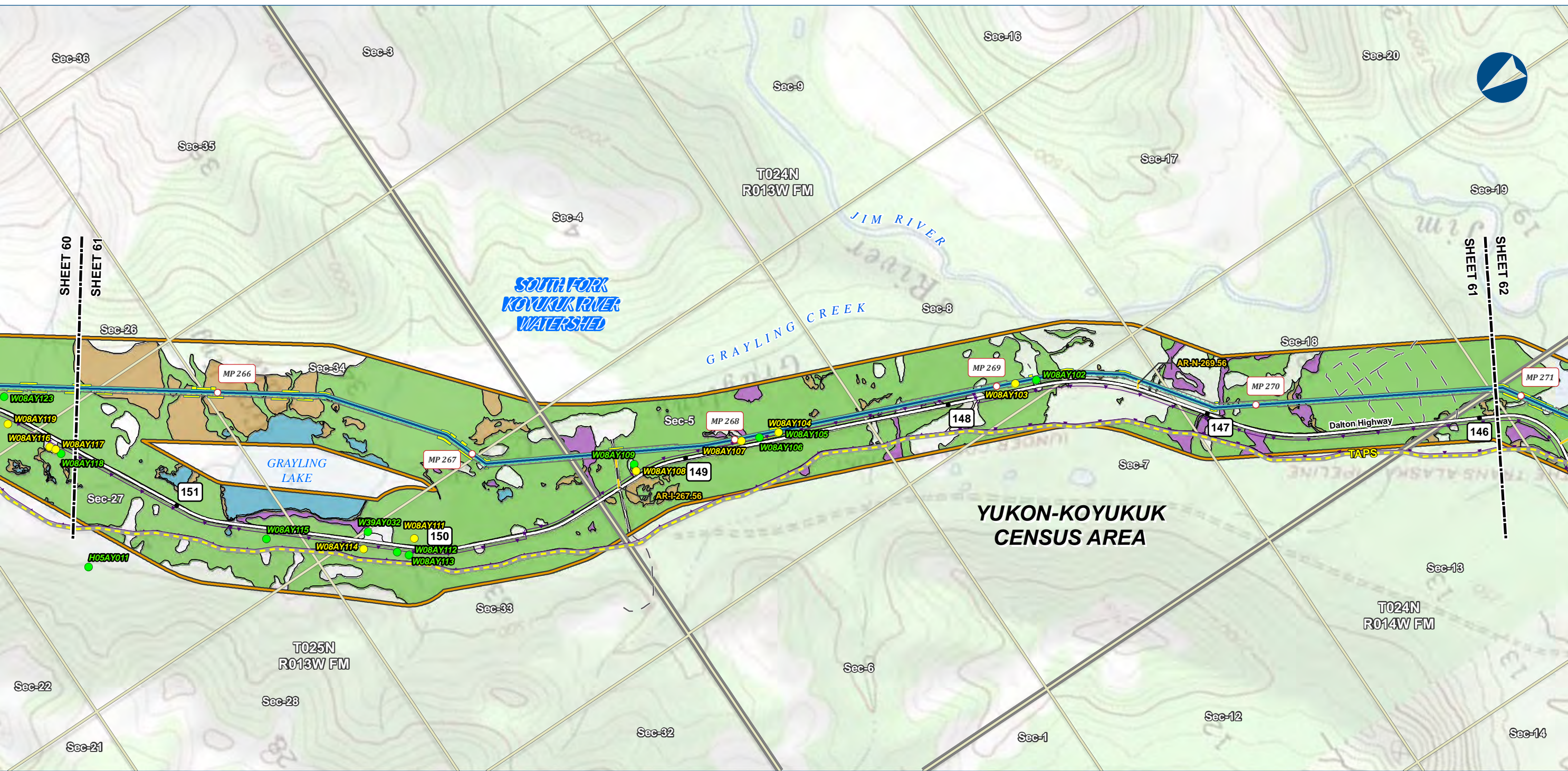
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 60



Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

EXISTING FEATURES

Existing Roads

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

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.

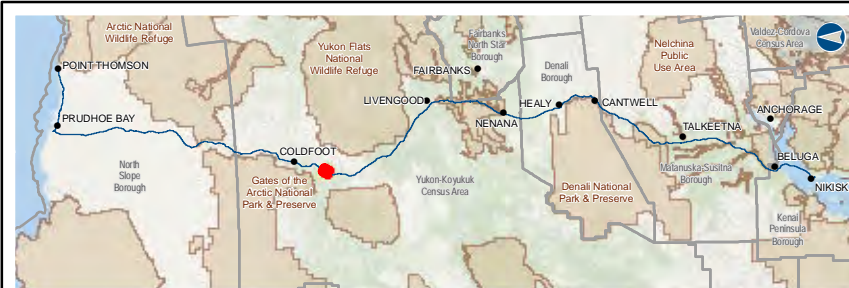
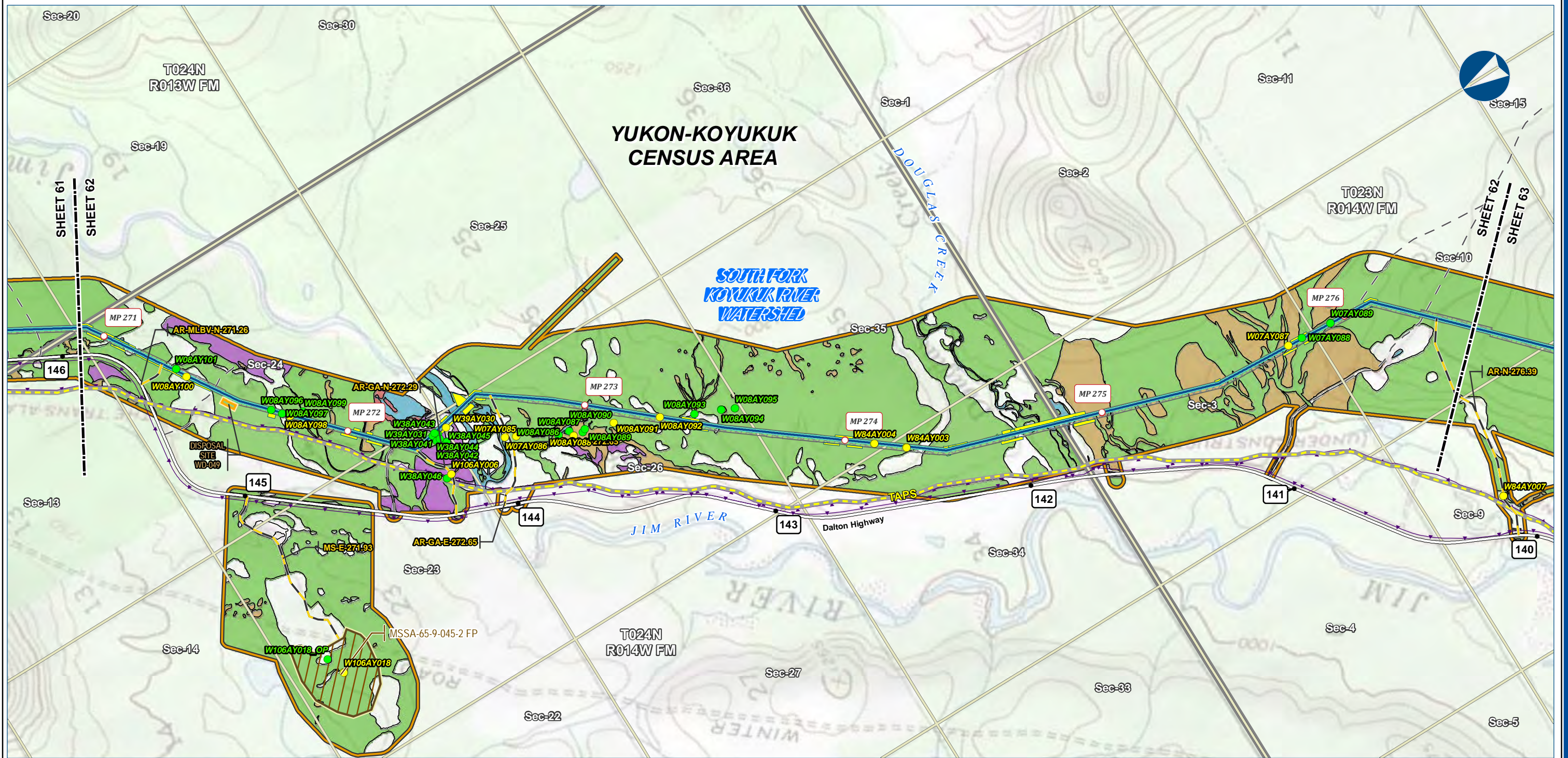
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 61



Alaska LNG Project

Leg

PIPELINE

— Alaska I NG Rev C.2 Route

Access Road Gravel

— Access Road - Gravel

Wetland mapping was completed using USFWS maps. Here are the general wetland categories for

Here are the general wetland categories for

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

CENSUS AREA.	TURON-KOTURU
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STATE: ALASKA

REV. NO.: REV.

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 62
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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

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

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

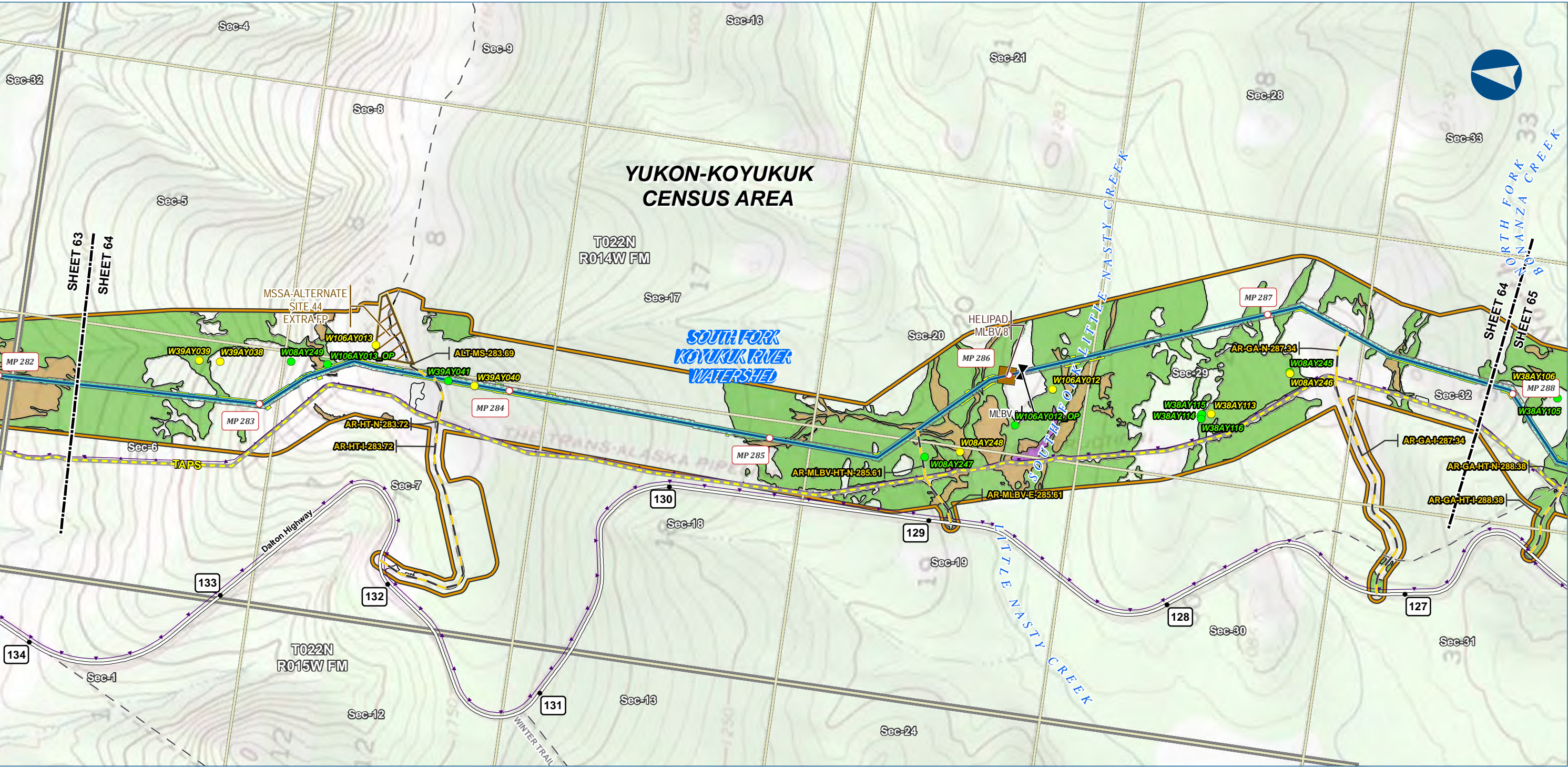
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 63

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
- 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

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		
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: 64



Legend

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

<p align="center">ALASKA LNG PROJECT <i>Wetland Resources</i> Mainline Rev C2 Route</p>		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
<p align="center">PRELIMINARY</p>		
<p>1:24,000</p> <p align="center">0 ¼ ½ Miles</p>		
DATE: 2017-03-21	PROJECTION:	NAD83 NRSR5007 ALASKAZONE4 FTUS 54392

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DWG: RR2 APPENDIX F1 MAINLINE TOPO REV C2 CL **SHEET:** 65



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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

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.

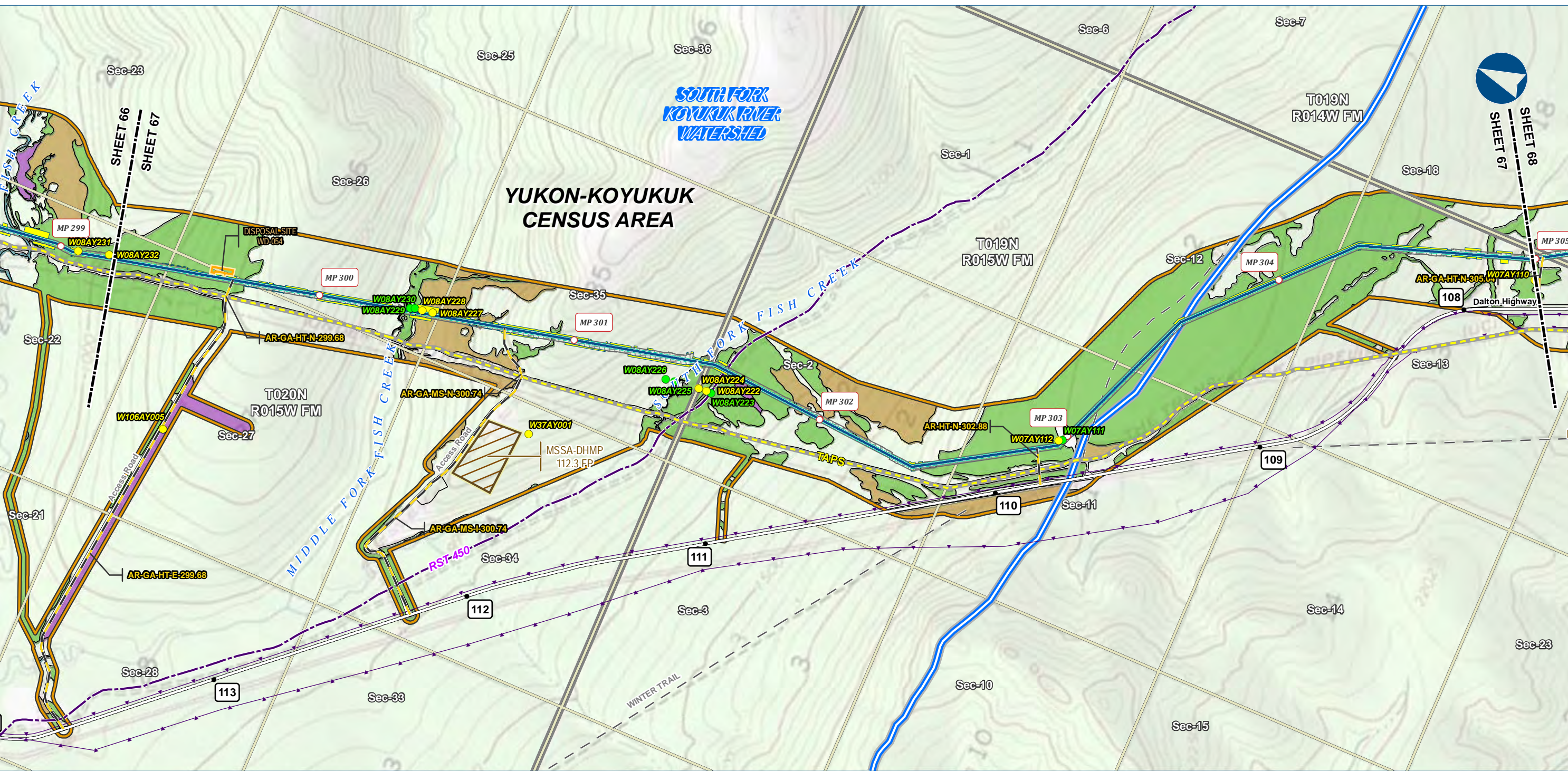
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 66



Alaska LNG Project

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

TAPS

Buried Cable

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)

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

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.

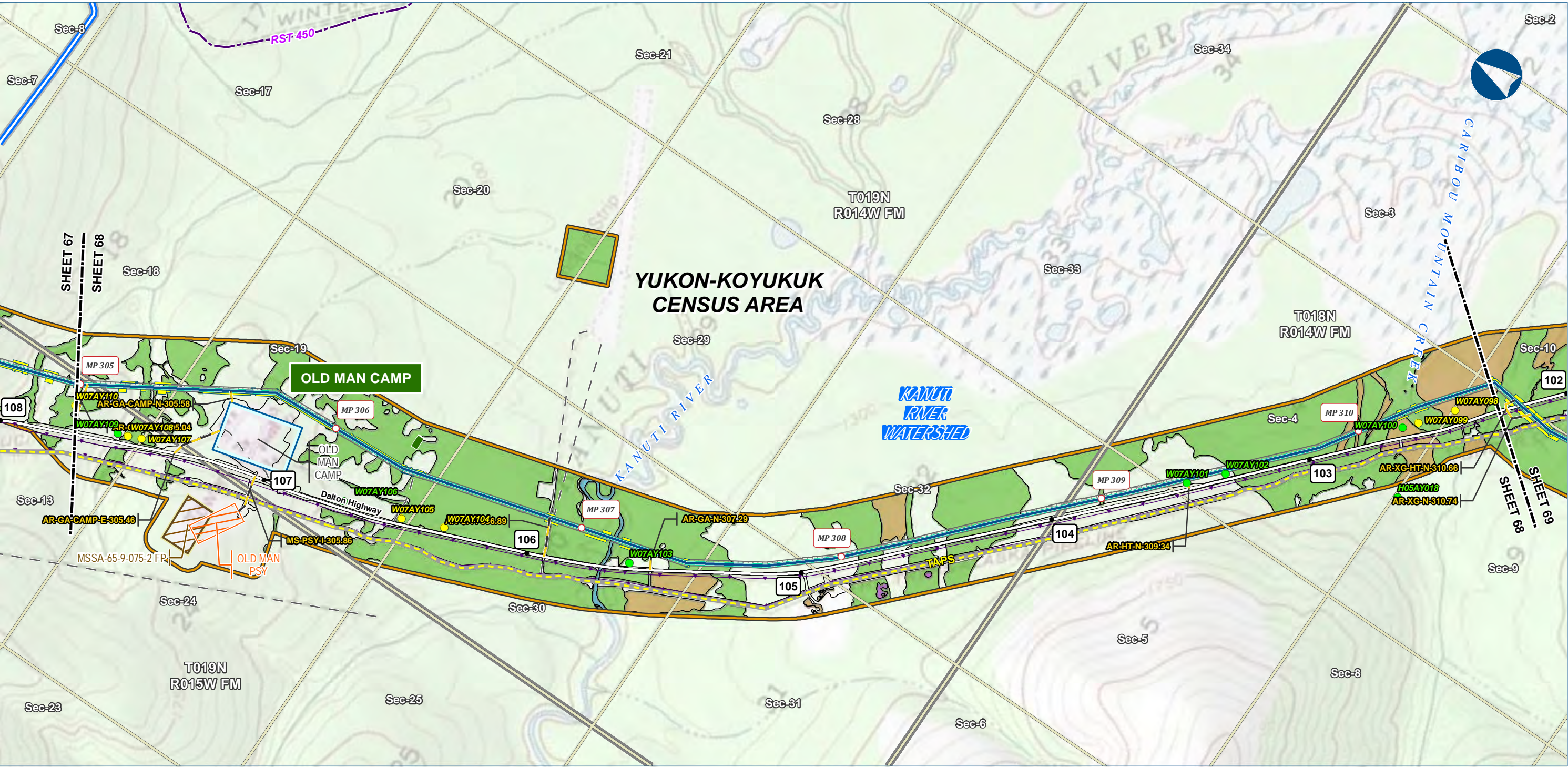
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 67



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

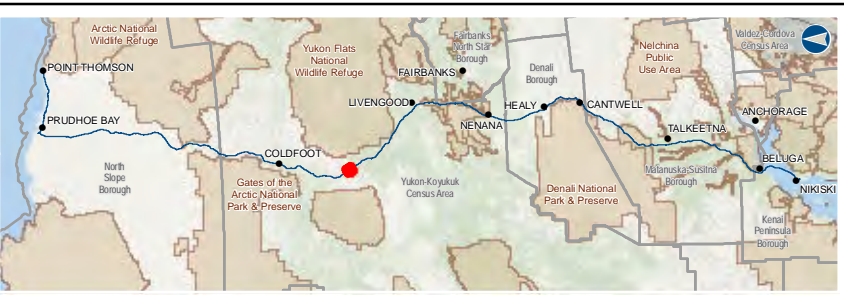
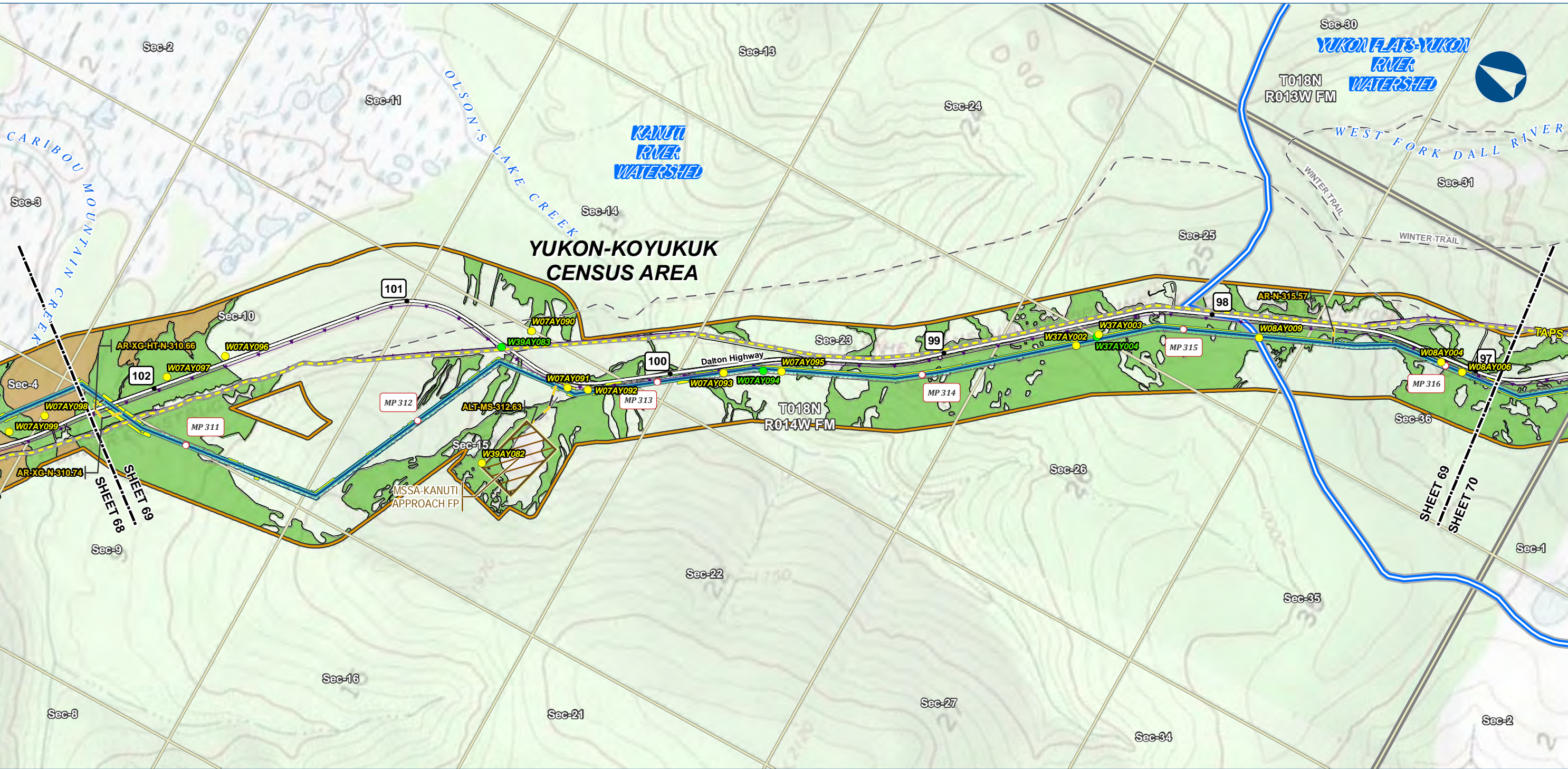
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 68



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

Buried Cable

Section

Township

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Wetland Area (areas not colored are uplands)

Open Water

PEM

PSS

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.

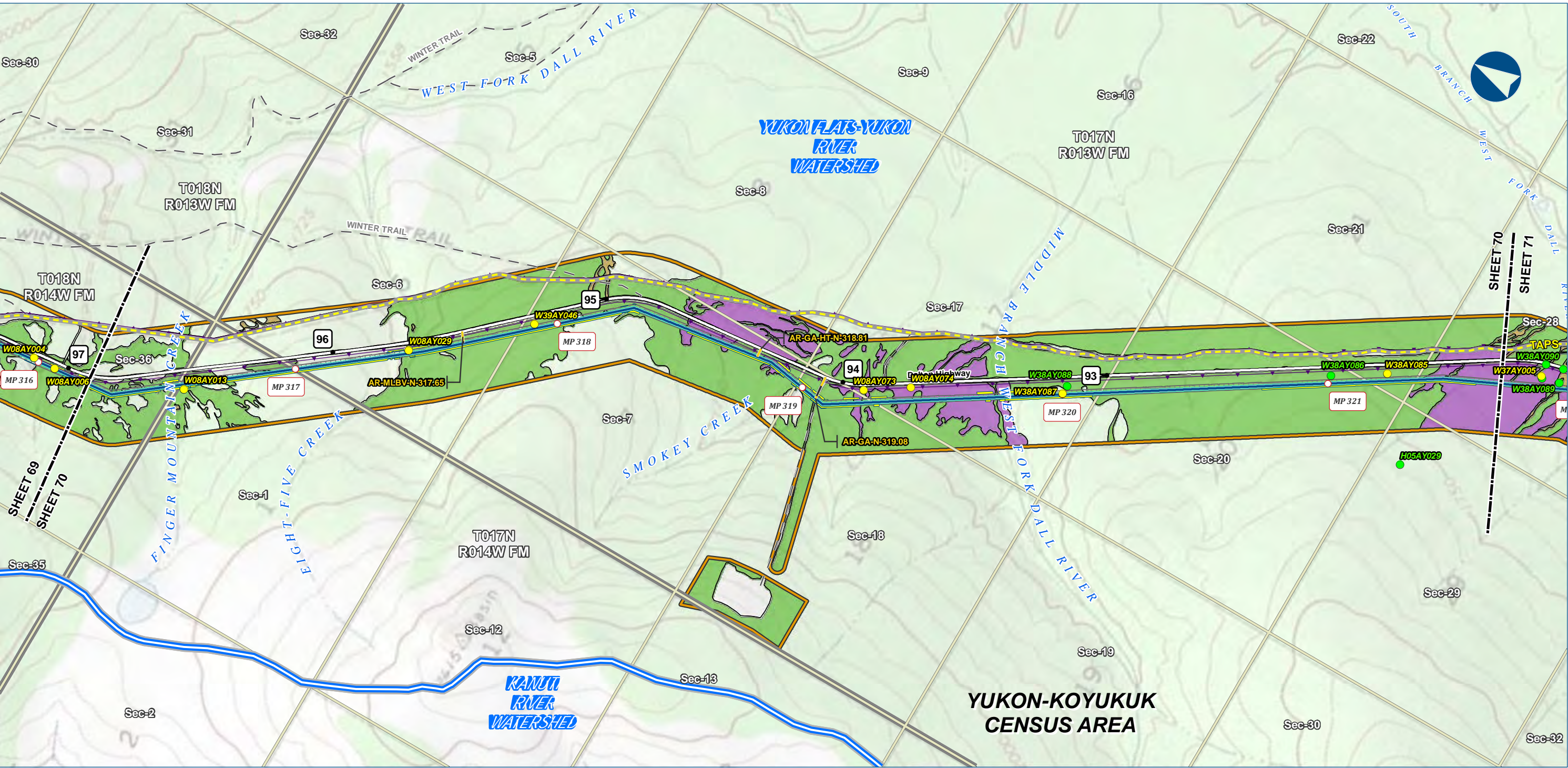
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 69

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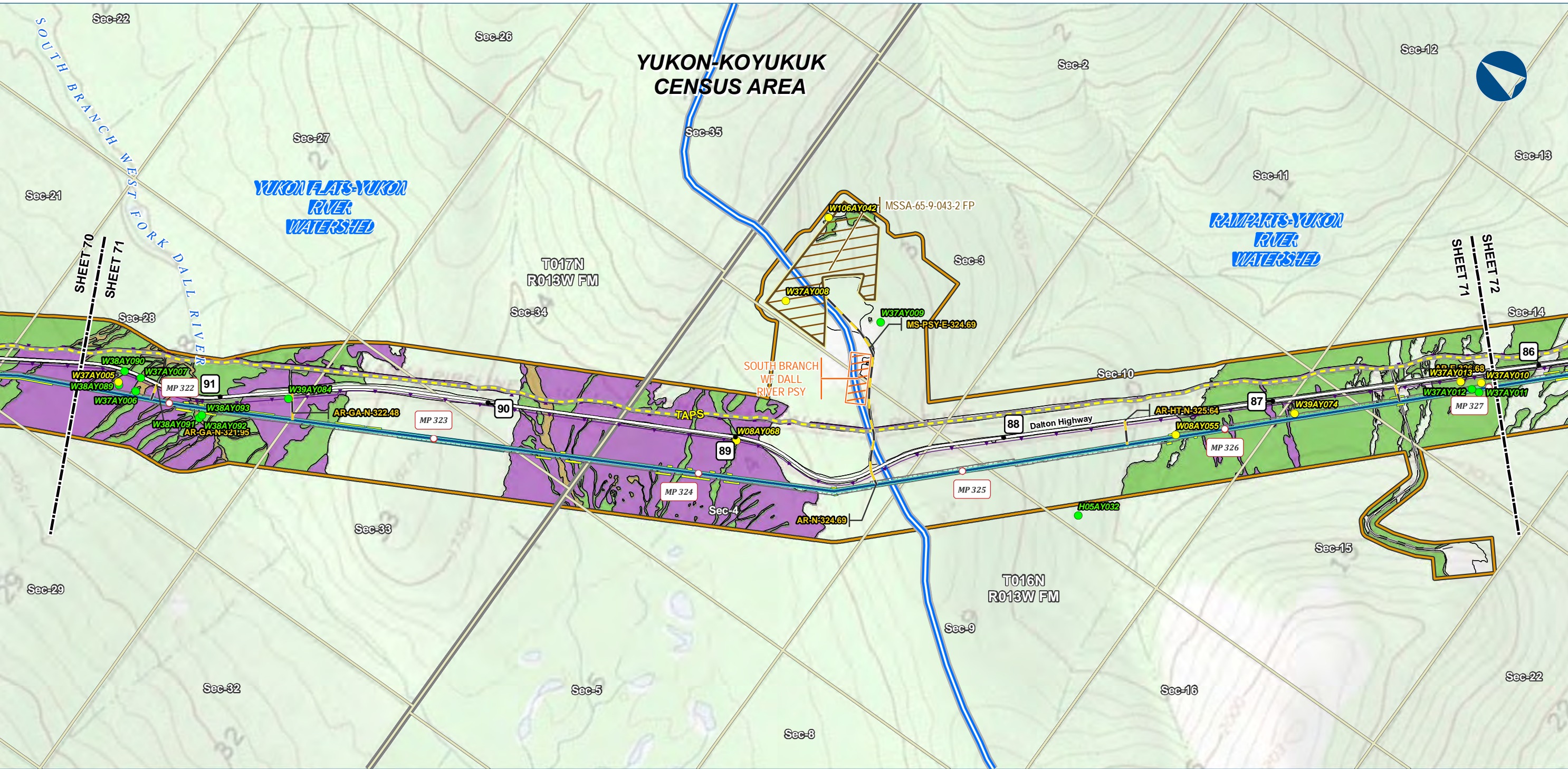
Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
 - Access Road - Gravel
- EXISTING FEATURES**
- Permanent ROW
 - Construction ROW
 - ATWS
 - Existing Roads
 - Off Road Trails
 - TAPS
 - Buried Cable
 - Section
 - Township
- Wetland Mapping Extent**
- Wetland Field Verification Location
 - Wetland Field Observation Location
 - Watershed Boundary
 - Wetland Area (areas not colored are uplands)
 - 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 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 70



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

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.

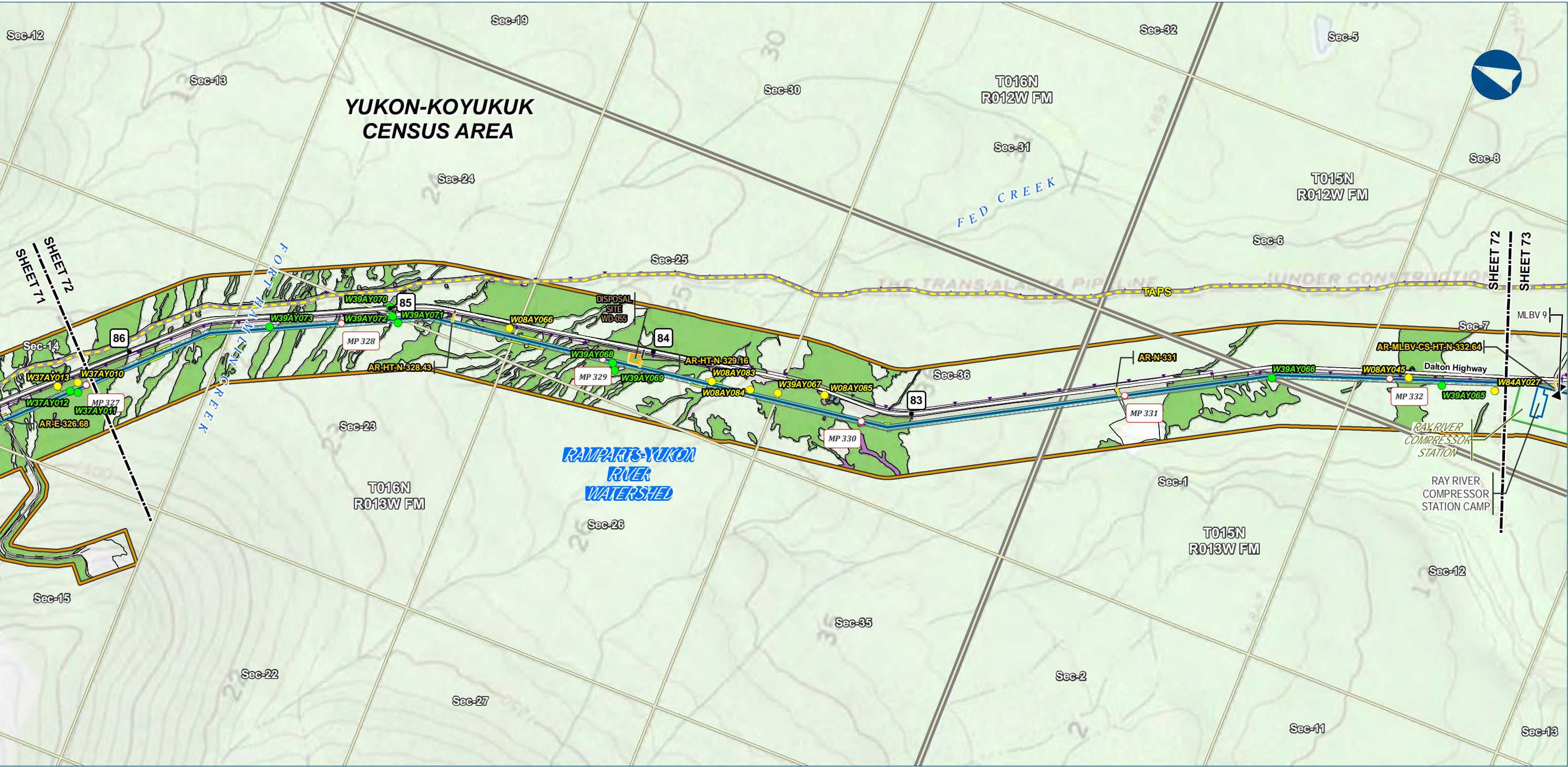
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 71

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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
 - Off Road Trails
 - TAPS
 - Buried Cable
 - Section
 - Township
- Wetland 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		
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: 72



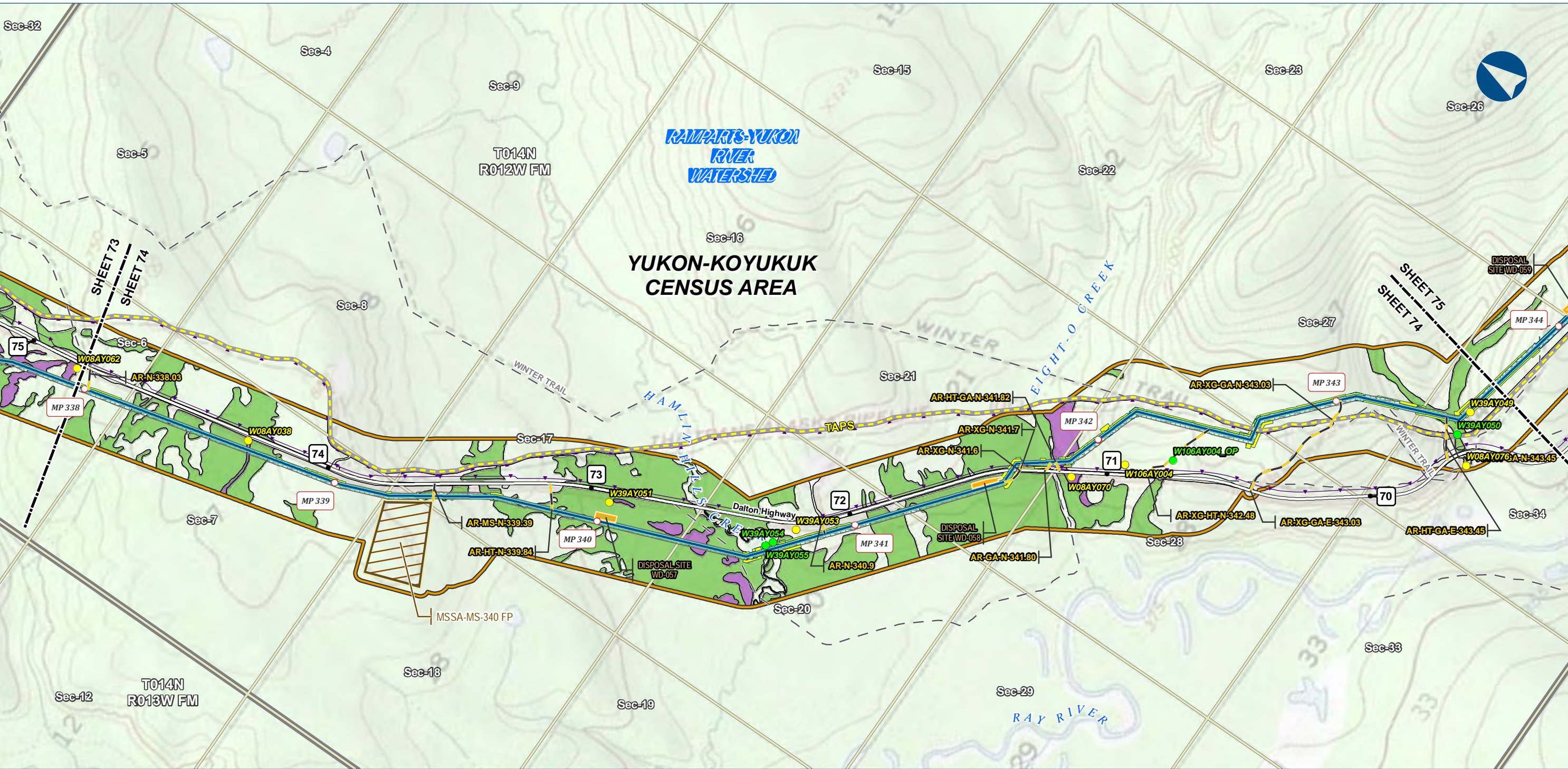
Legend			
PIPELINE	Permanent ROW	EXISTING FEATURES	Wetland Mapping Extent
Alaska LNG Rev C2 Route	Construction ROW	Existing Roads	Wetland Field Verification Location
Access Road - Gravel	ATWS	Off Road Trails	Wetland Field Observation Location
Mainline Blockvalve	Compressor Station	TAPS	Wetland Area (areas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

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DWG: RR2 APPENDIX F1 MAINLINE TOPO REV C2 CL **SHEET:** 73



Alaska LNG Project

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

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

PFO

PSS

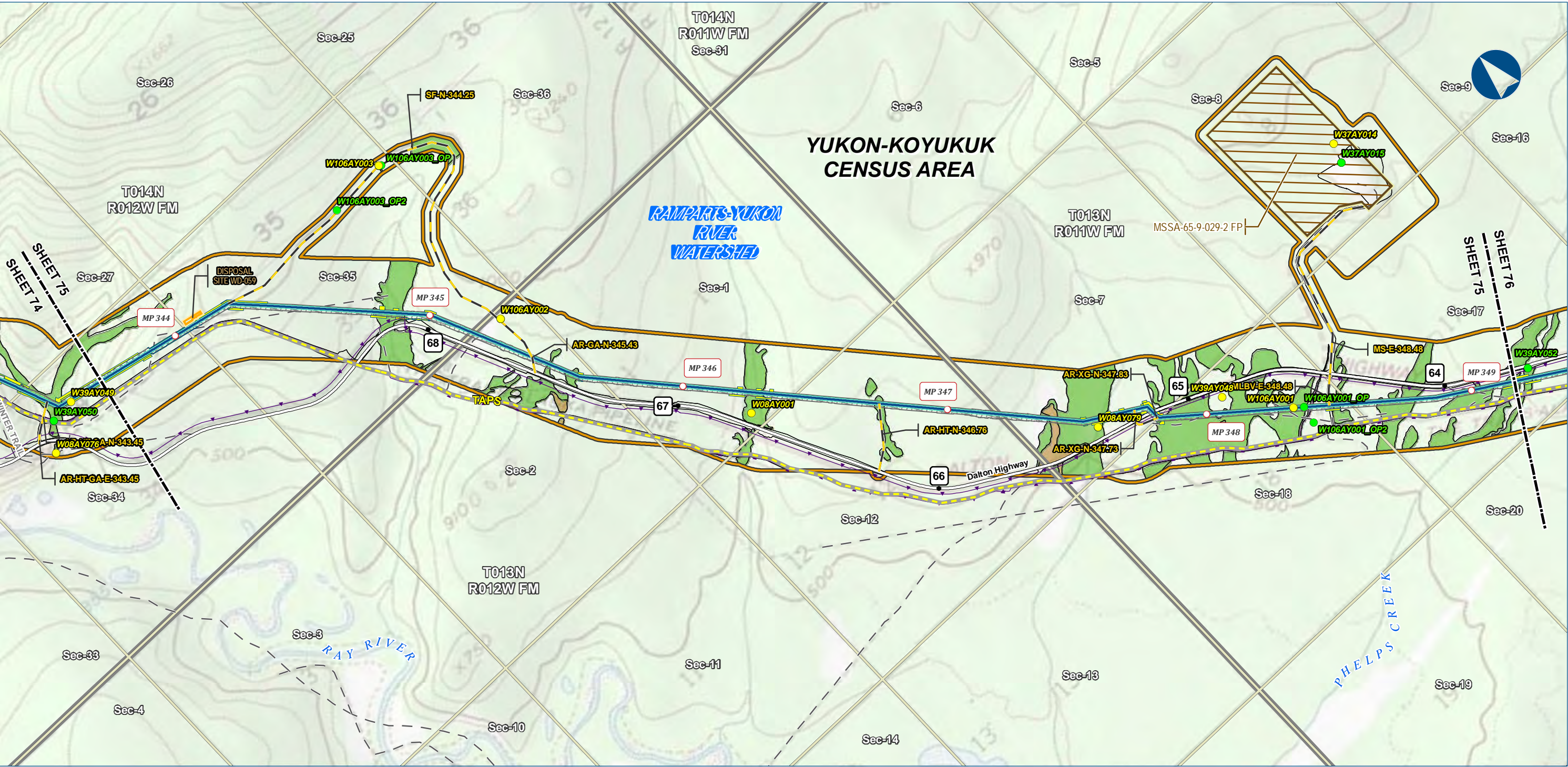
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 74



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

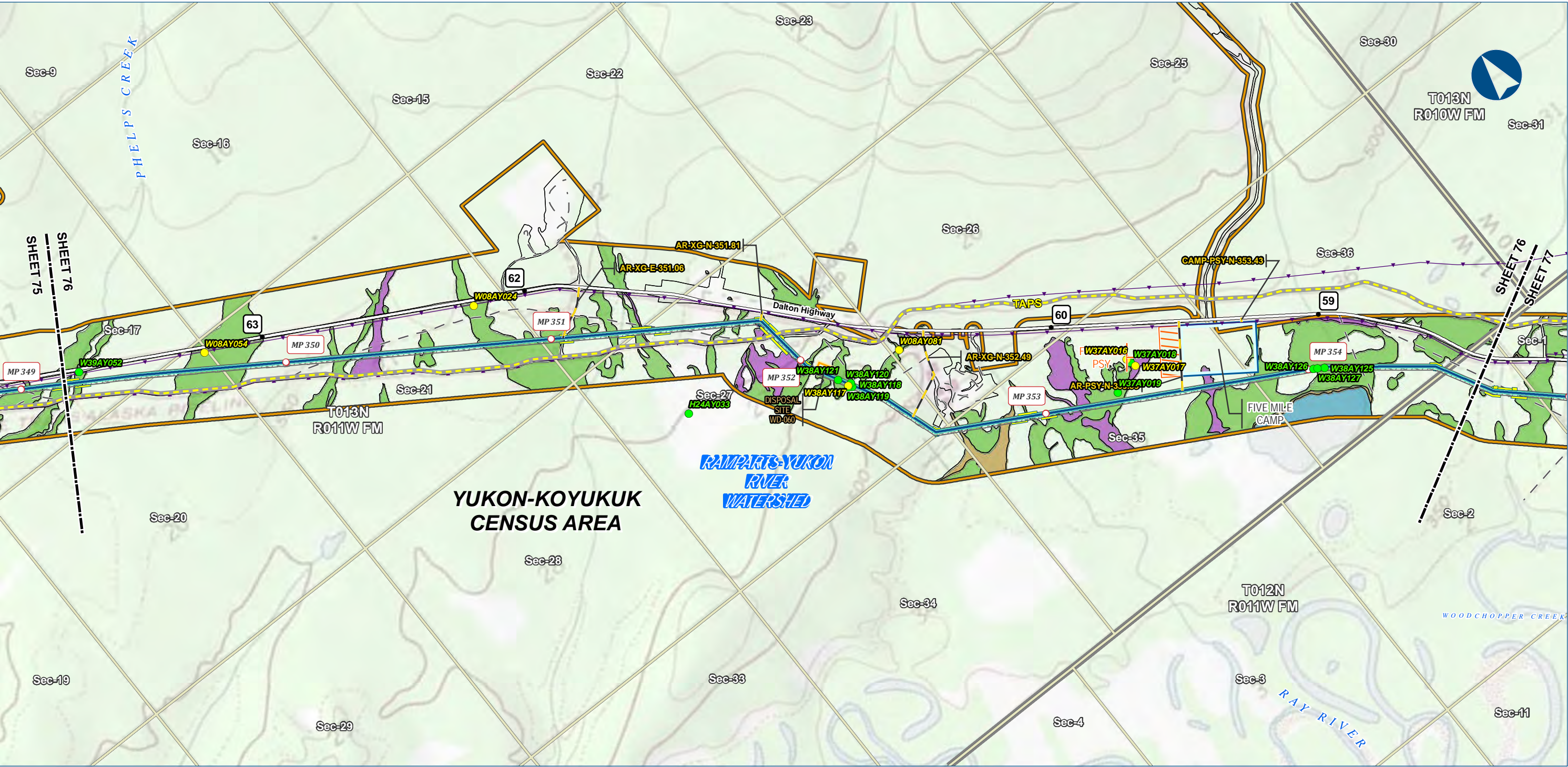
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 75



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

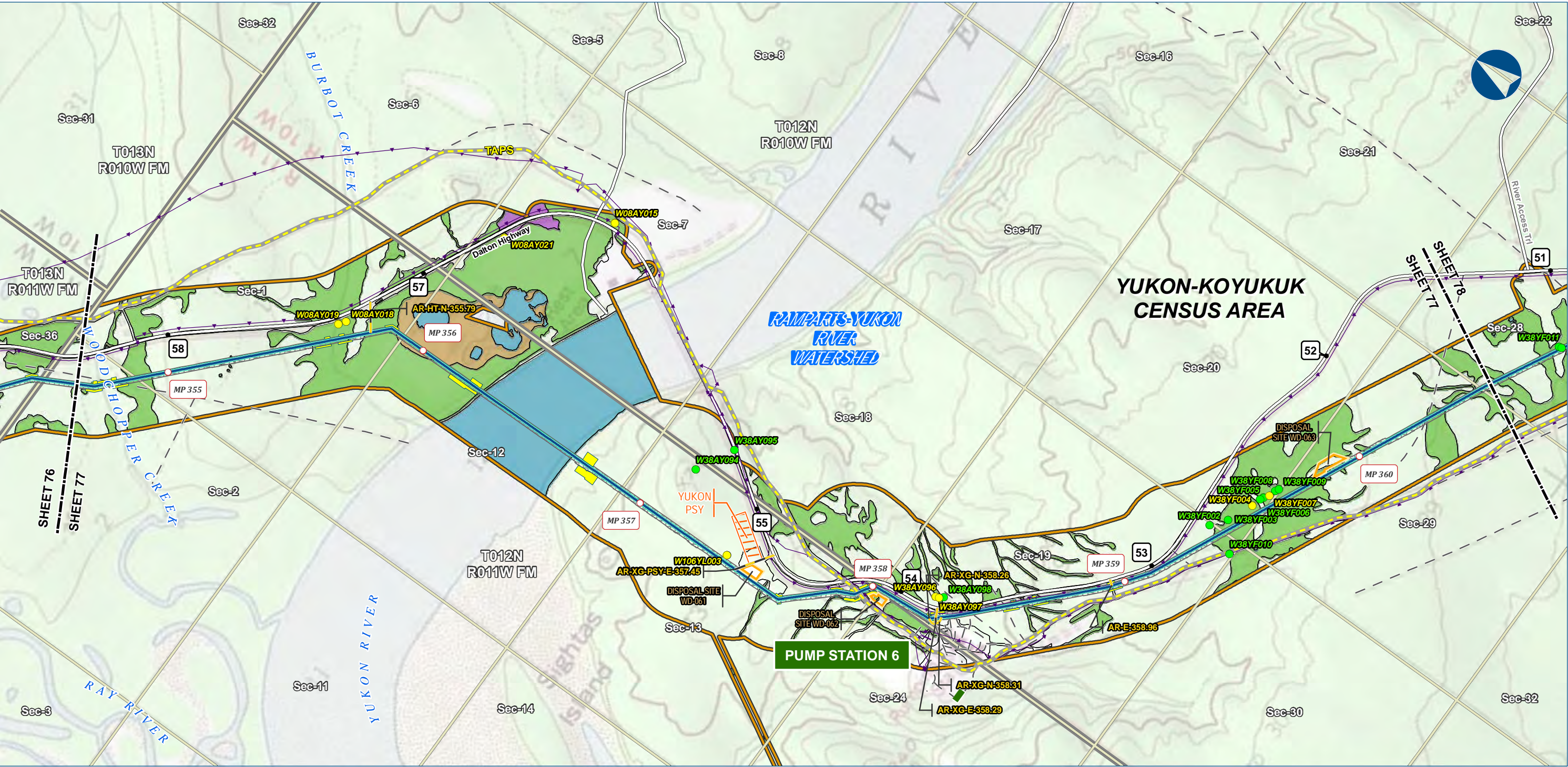
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ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000	0 1/4 1/2 Miles	
DATE: 2017-03-21	PROJECTION: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

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL SHEET: 76



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
- PFO
- PSS

Other Features

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

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.

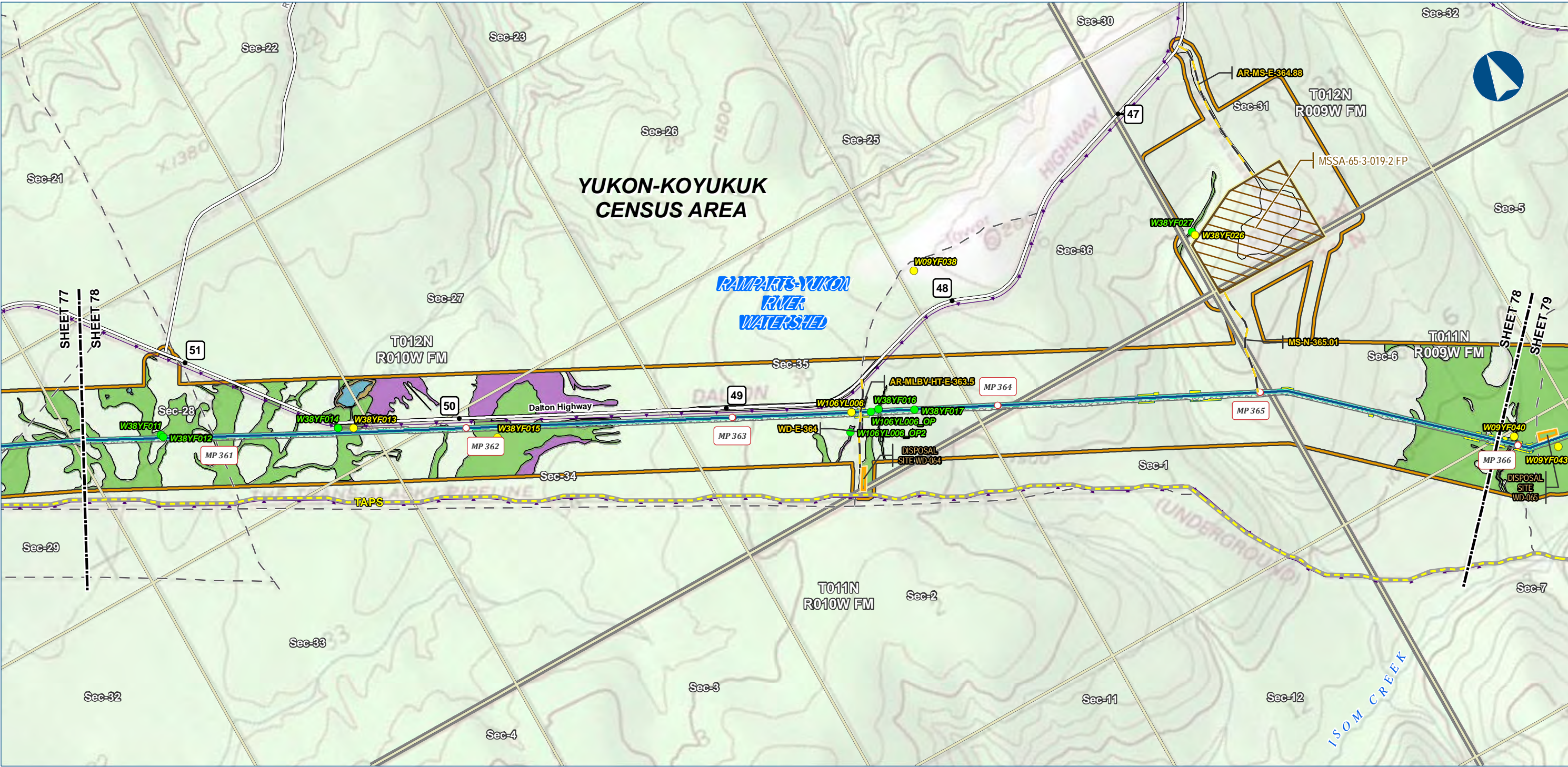
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392	

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 77



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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.

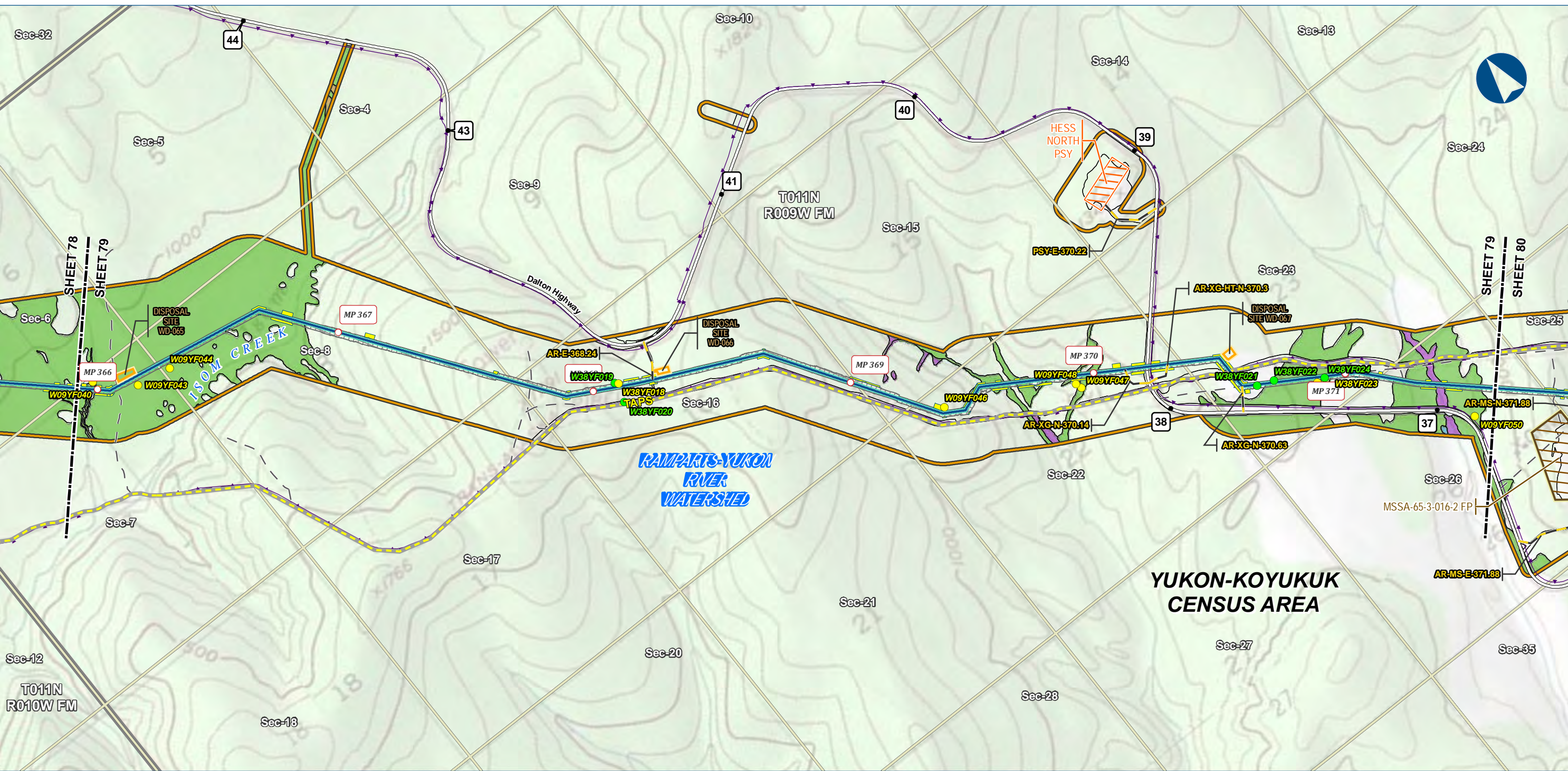
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 78



Alaska LNG Project

Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

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
- Pipe Storage Yard (PSY)
- Disposal Site
- Material Site Study Area (MSSA)

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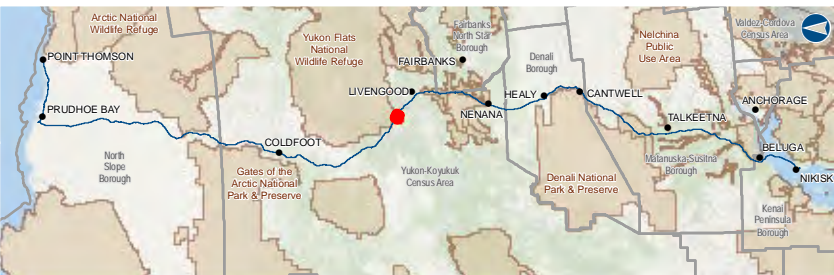
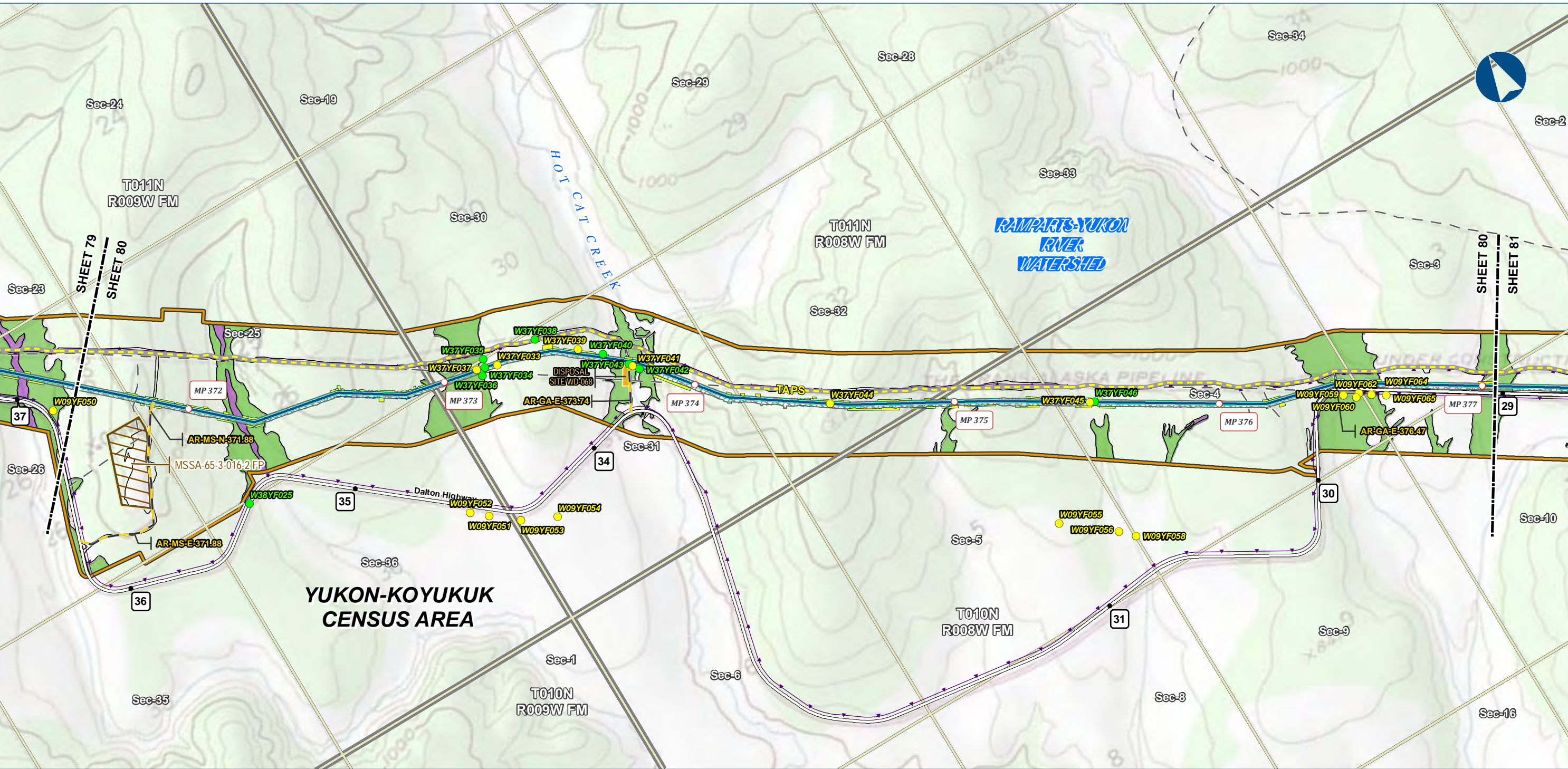
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 79



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

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

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

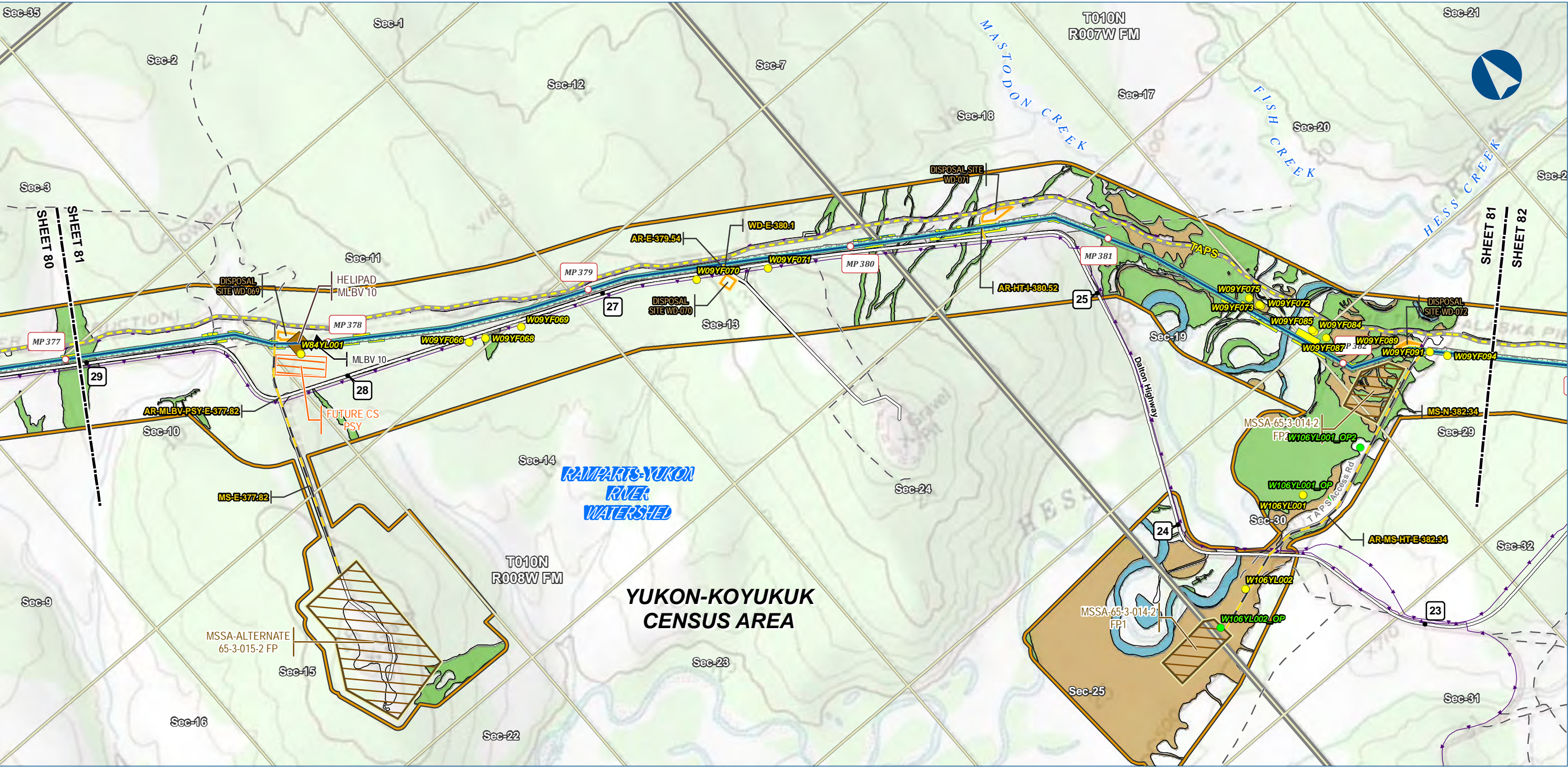
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SHEET: 80

Alaska LNG Project

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Legend

PIPELINE

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

EXISTING FEATURES

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

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
- 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.

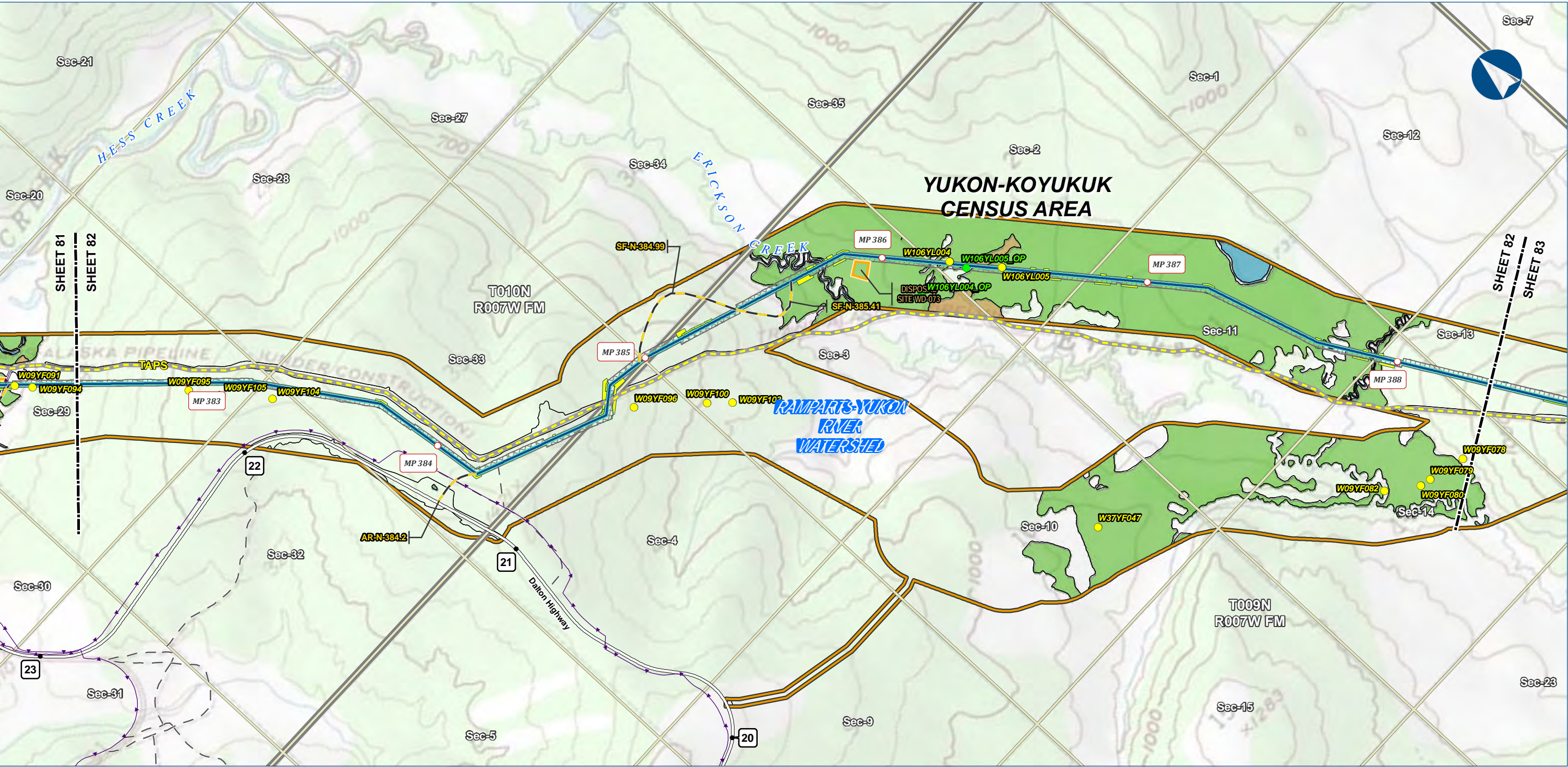
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
DATE:	2017-03-21	PROJECTION: NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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SHEET: 81



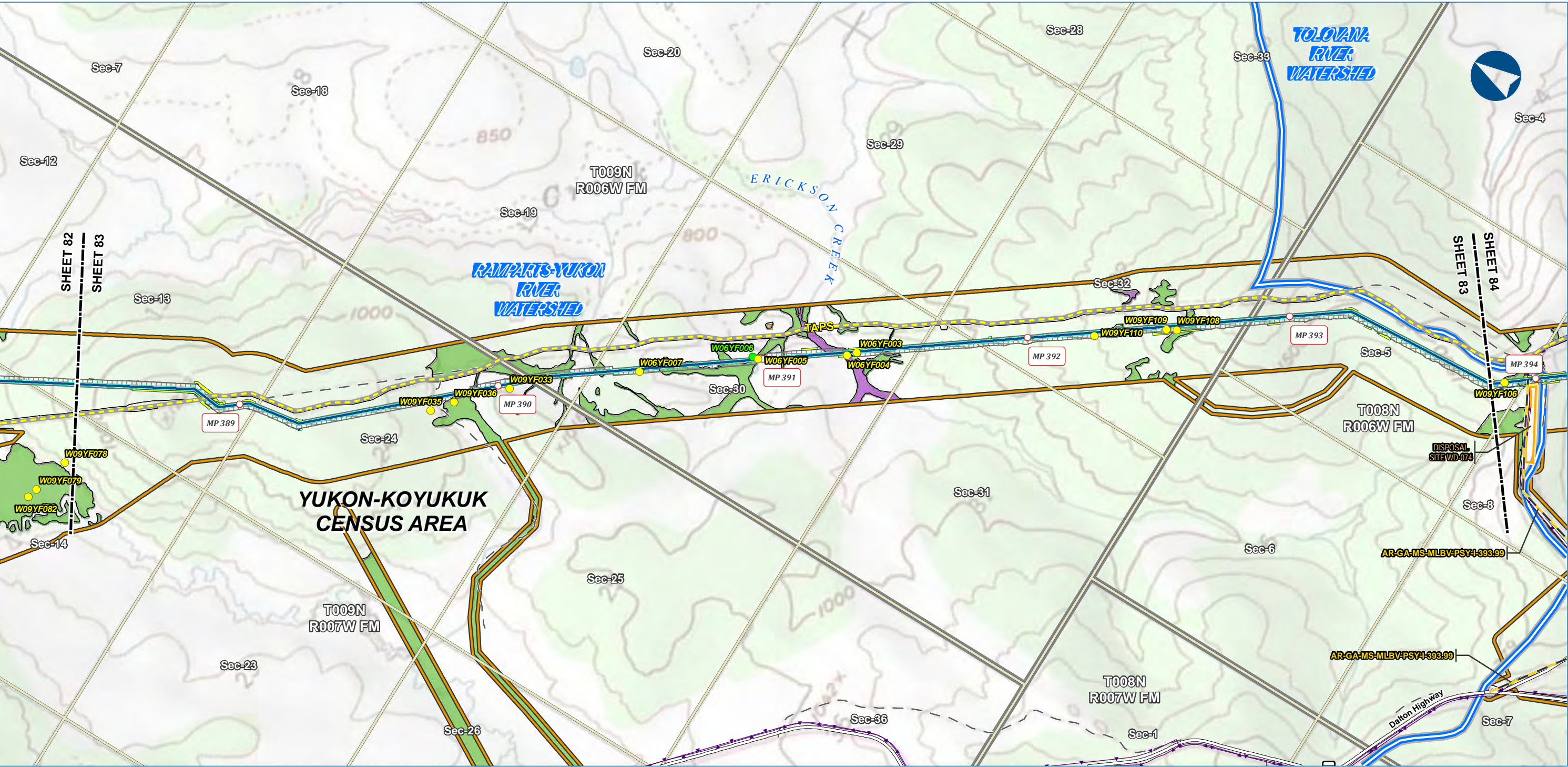
Alaska LNG Project

- Legend**
- PIPELINE**
- Alaska LNG Rev C2 Route
 - Access Road - Gravel
- EXISTING FEATURES**
- Permanent ROW
 - Construction ROW
 - ATWS
 - Disposal Site
 - Existing Roads
 - 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
 - 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 ALASKAZONE4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL	SHEET: 82



Legend

PIPELINE

- Alaska LNG Rev C2 Route
- Access Road - Gravel

EXISTING FEATURES

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

Wetland Mapping Extent

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

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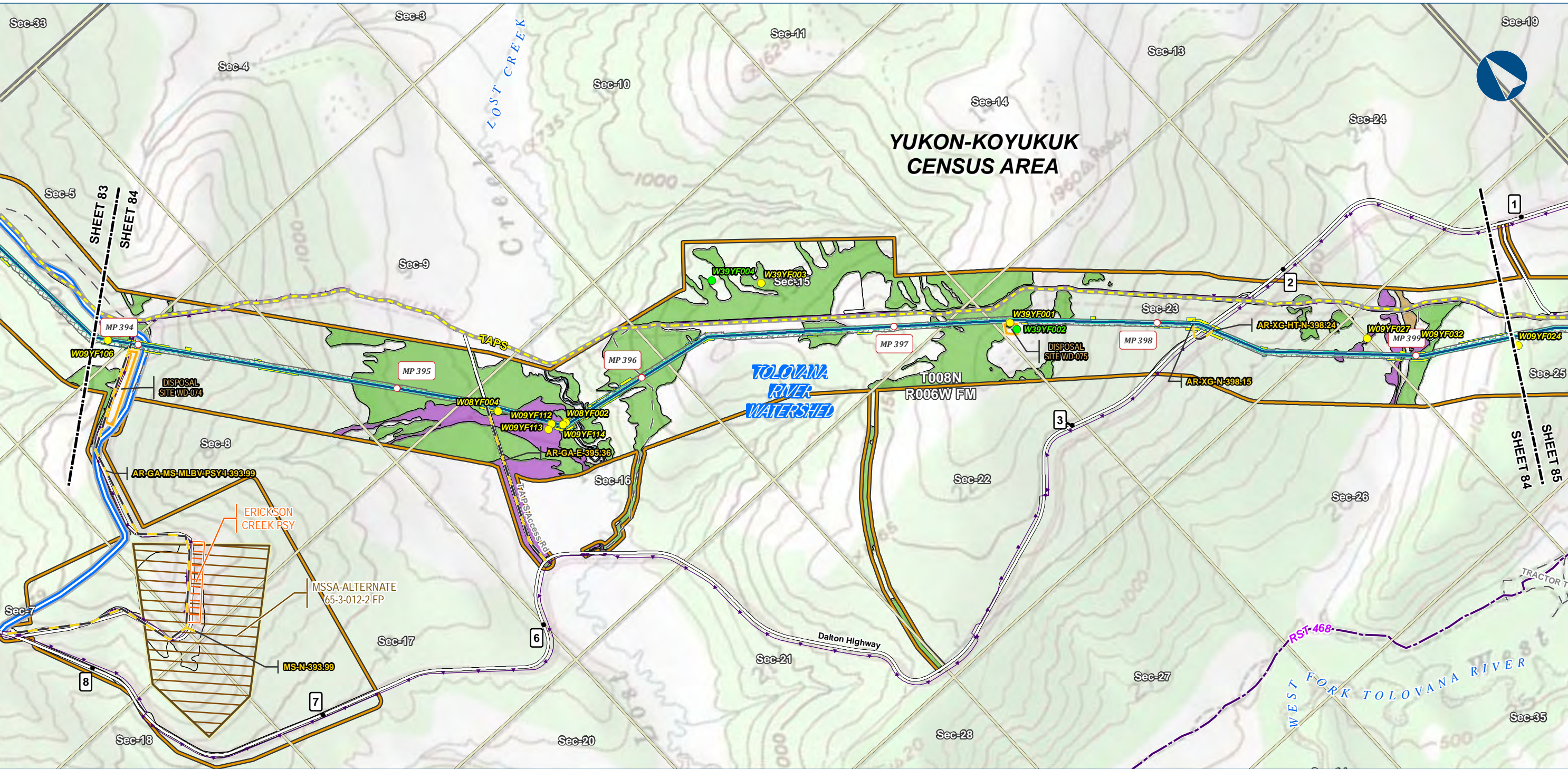
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
PRELIMINARY		
1:24,000		
0 1/4 1/2 Miles		
DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE 4 FTUS 54392

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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 83



Legend

PIPELINE

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Pipe Storage Yard (PSY)

Disposal Site

Material Site Study Area (MSSA)

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

Watershed Boundary

Open Water

PEM

PFO

PSS

Wetland Area (areas not colored are uplands)

Wetland Mapping Extent

Wetland Field Verification Location

Wetland Field Observation Location

Watershed Boundary

Open Water

PEM

PFO

PSS

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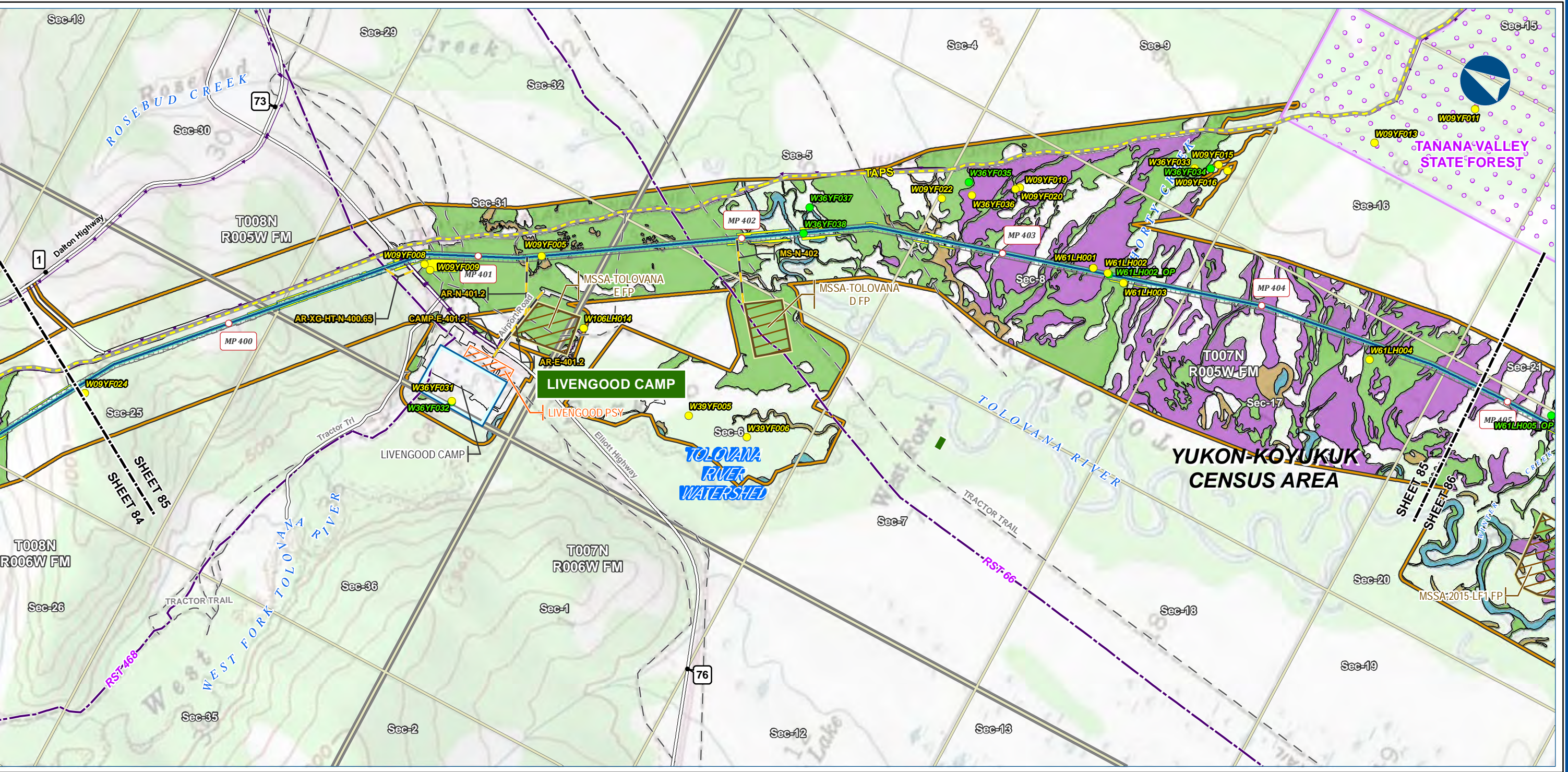
ALASKA LNG PROJECT Wetland Resources Mainline Rev C2 Route		
CENSUS AREA:	YUKON-KOYUKUK	DRAWN BY: AGDC
STATE:	ALASKA	CHECKED BY:
REV. NO.:	REVISION	DATE
A	ISSUED FOR REVIEW	2017-03-21
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DWG: RR2_APPENDIX_F1_MAINLINE_TOPO_REV_C2_CL

SHEET: 84



Pipeline

Alaska LNG Rev C2 Route

Access Road - Gravel

Permanent ROW

Construction ROW

ATWS

Off ROW Camp

Pipe Storage Yard (PSY)

Material Site Study Area (MSSA)

Existing Roads

Revised Statute 2477 Trail

Off Road Trails

TAPS

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

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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		
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DATE: 2017-03-21	PROJECTION:	NAD83 NSRS2007 ALASKAZONE4 FTUS 54392

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Alaska LNG Project

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