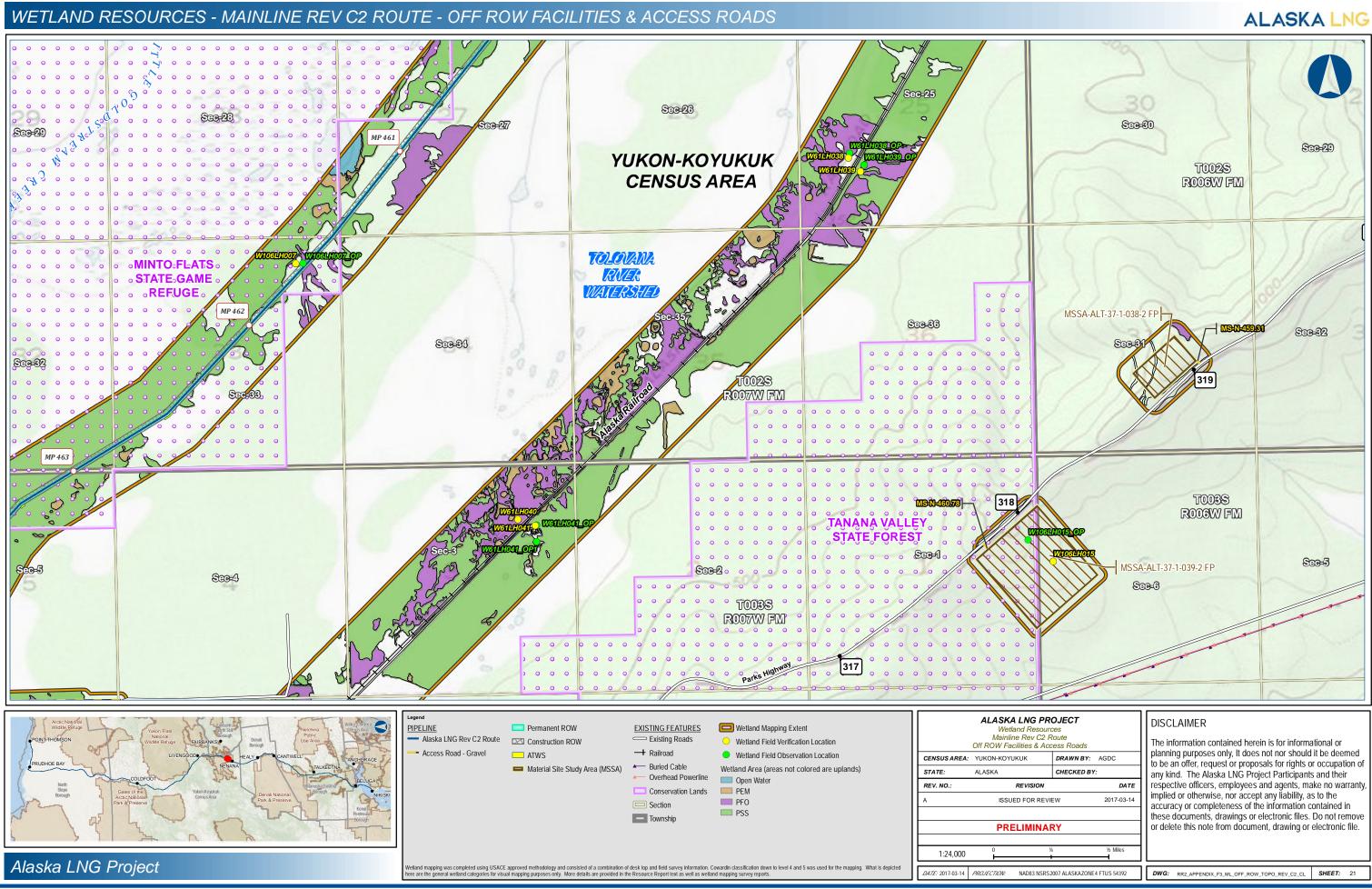
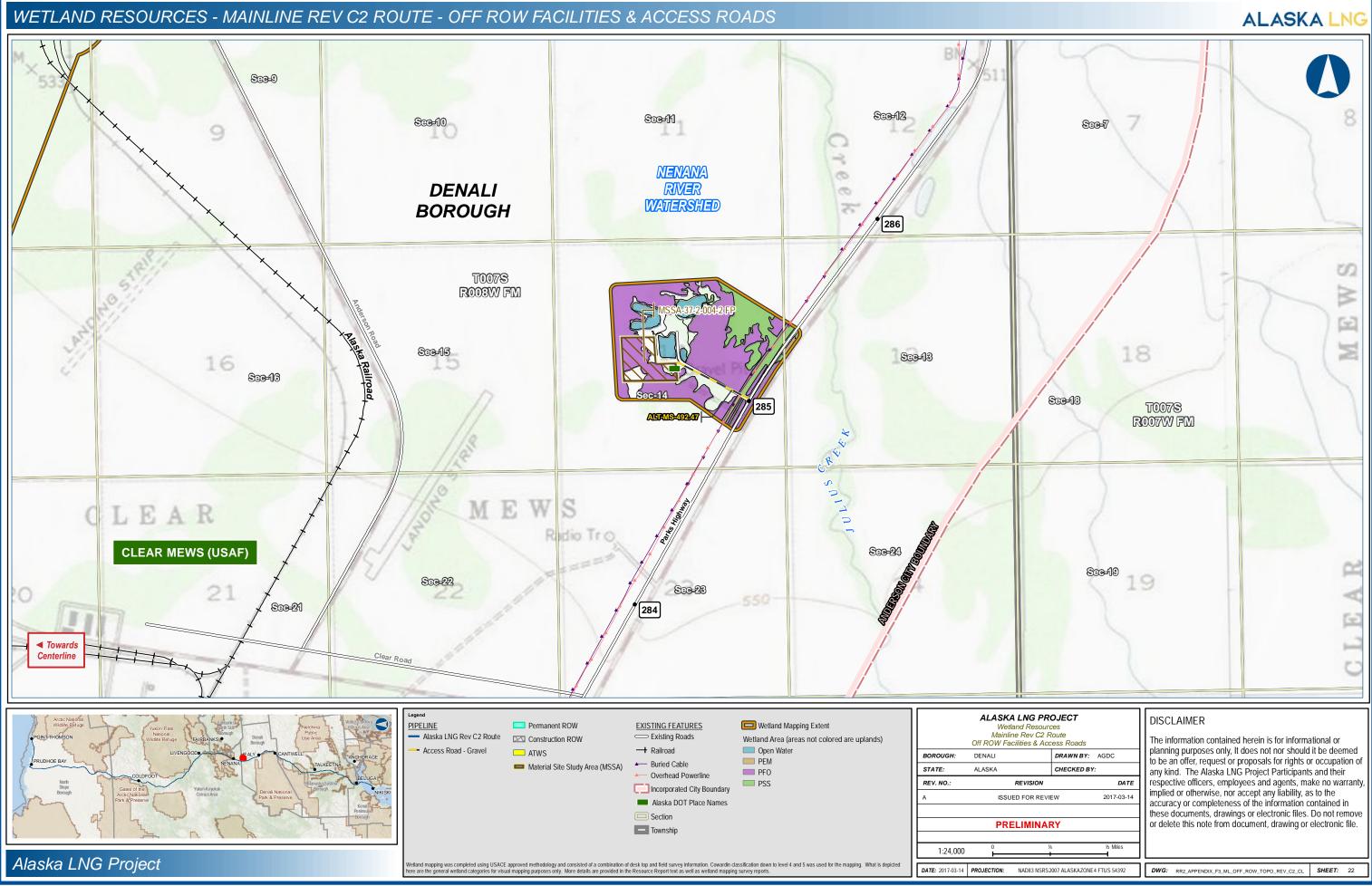
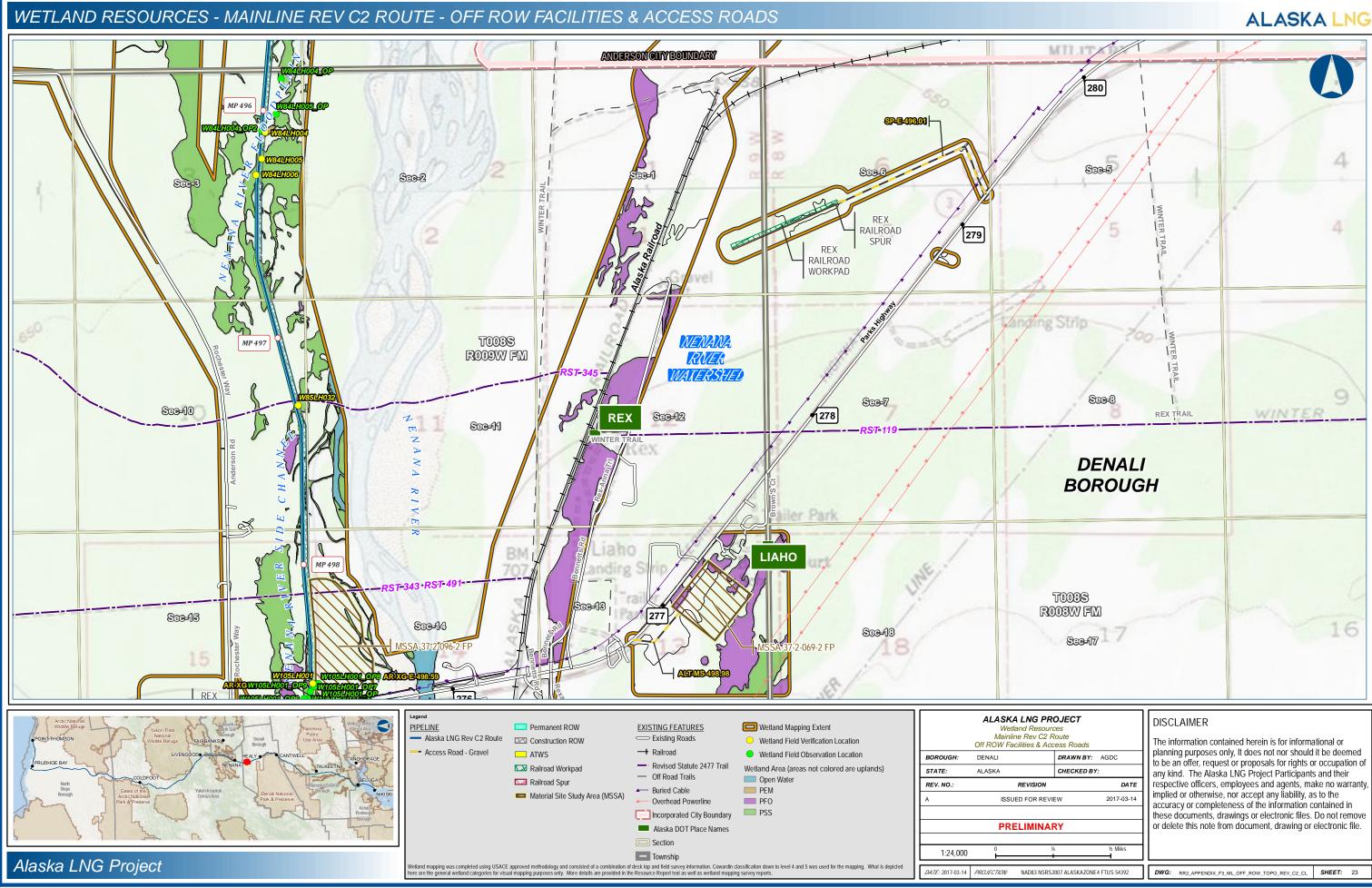
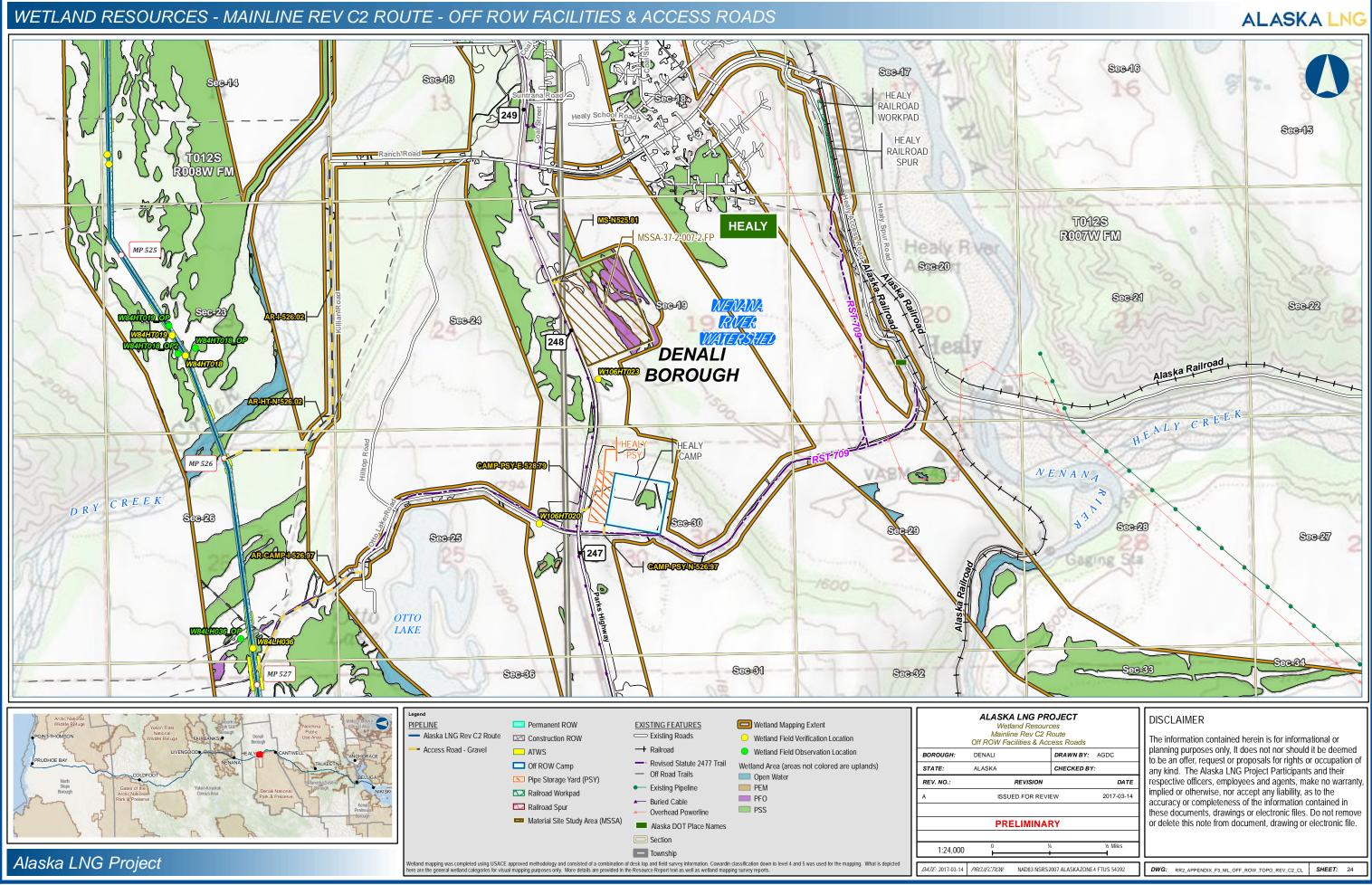
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	RESOURCE REPORT NO. 2	000006-000
	APPENDIX F	April 14, 2017
	Part 6 of 6	Revision: 0
	Public	

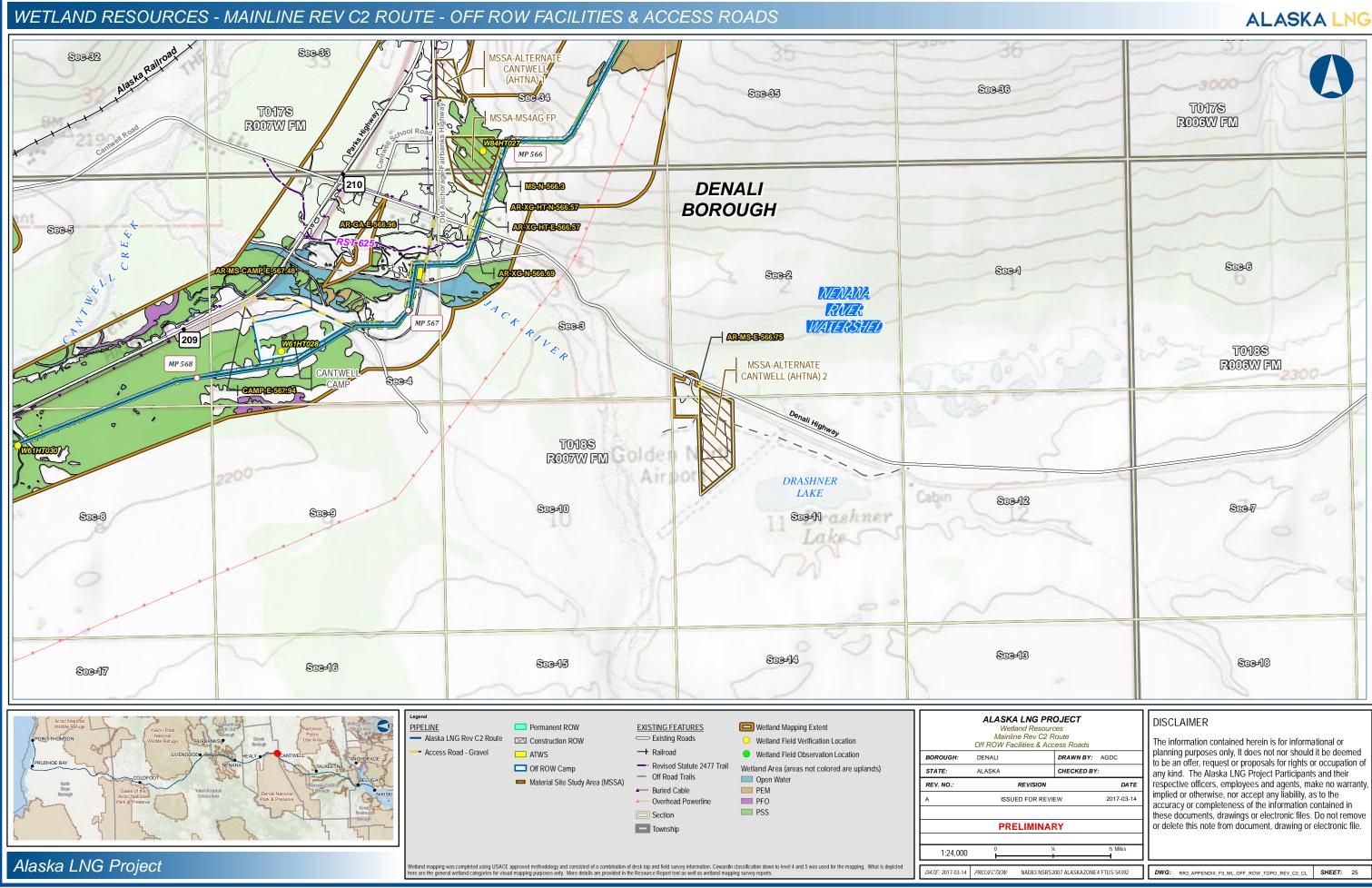
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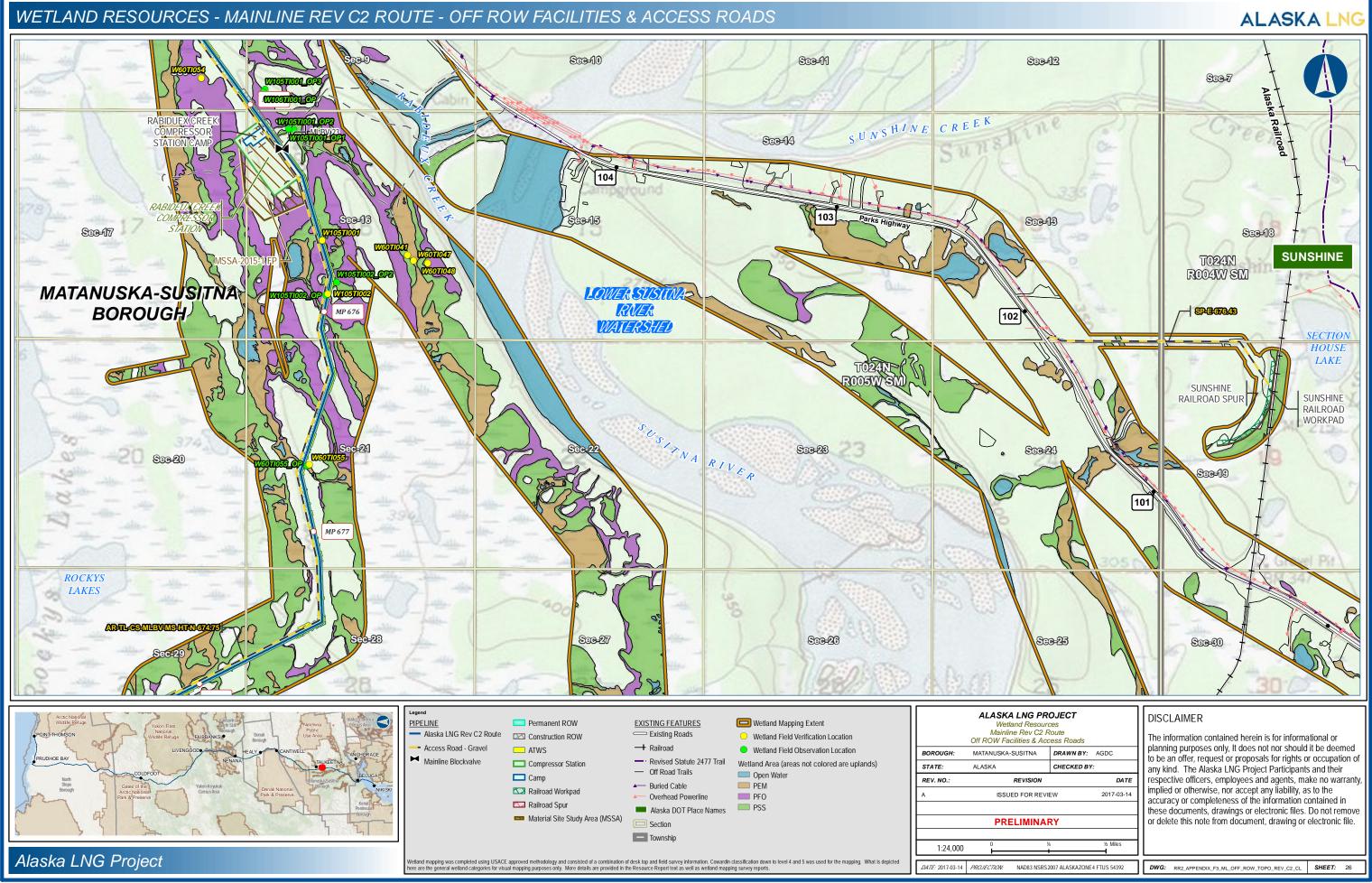


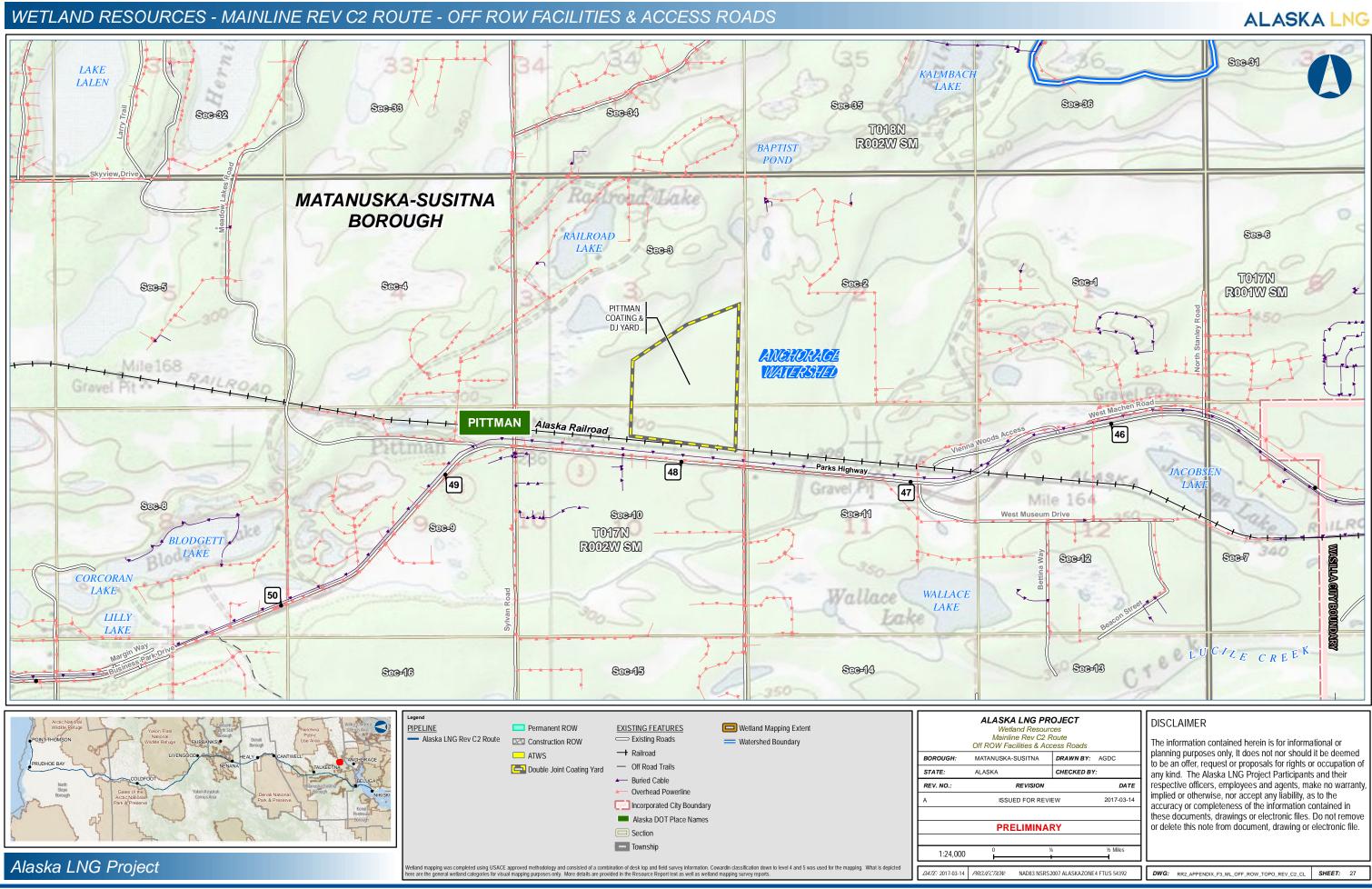


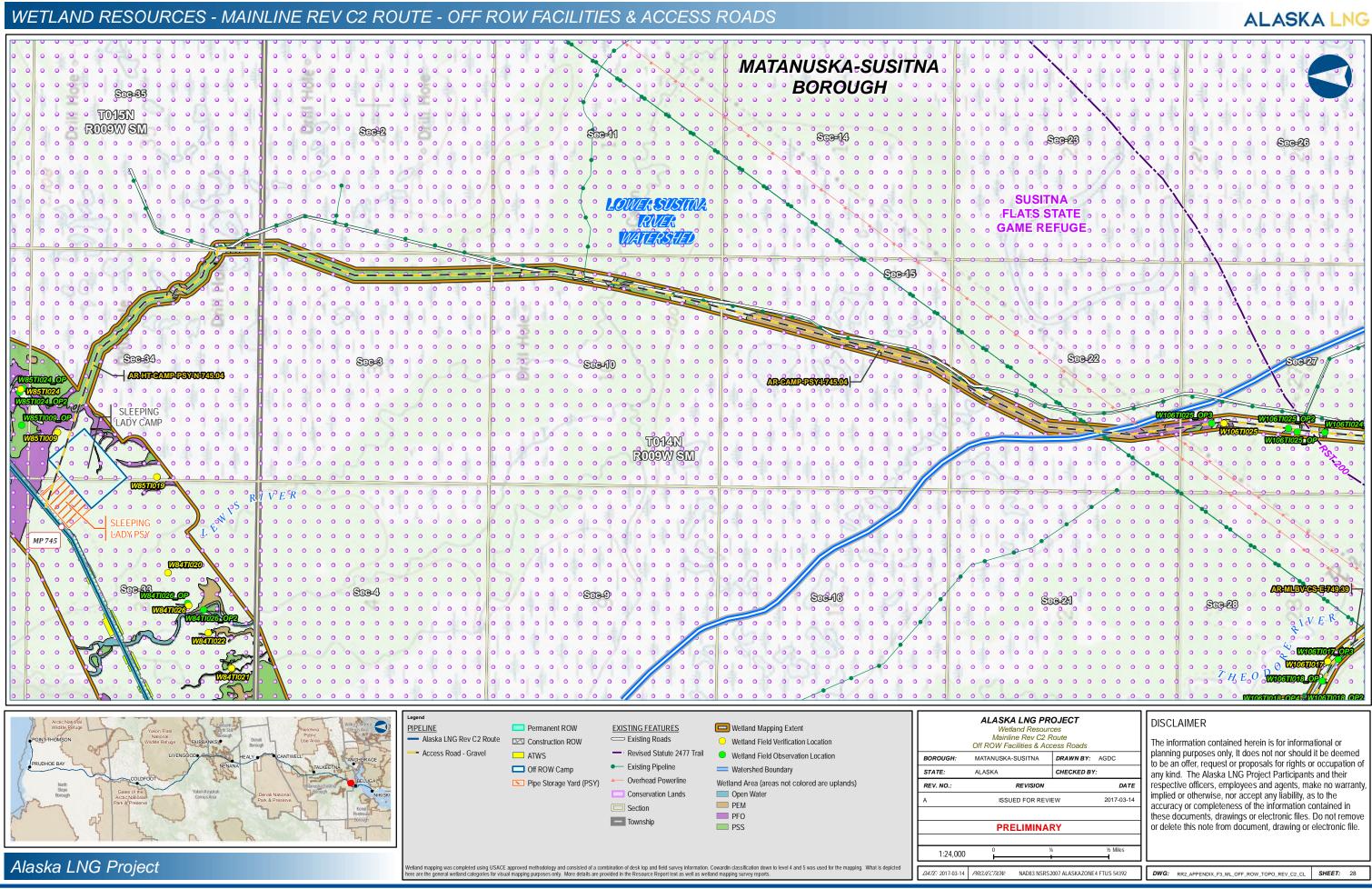


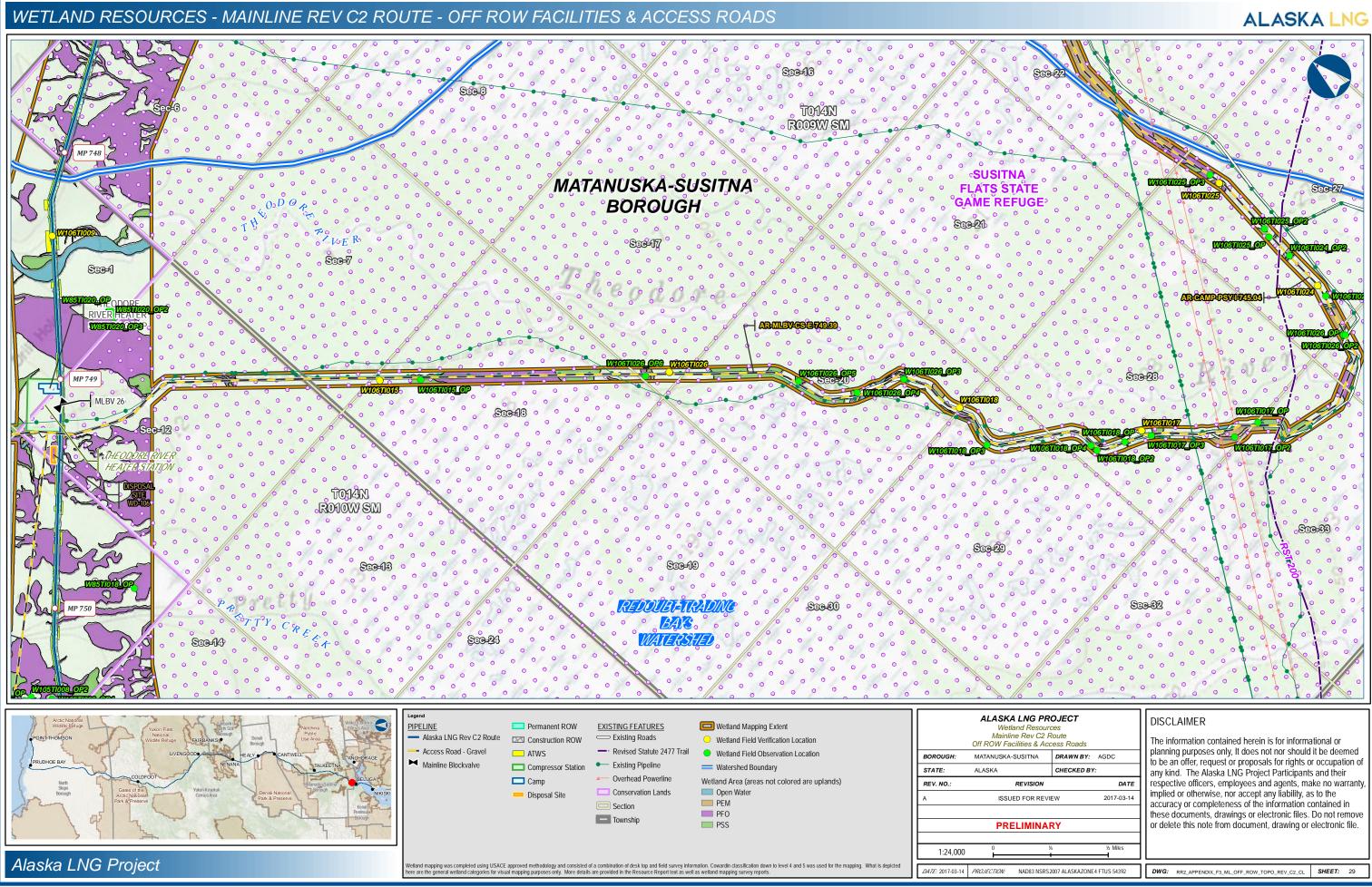
















Wetland Resources
Point Thomson Rev C Route
Off ROW Facilities &
Access Roads

Resource Report 2, Appendix F3
Topographical Mapping

FAIRBANKS

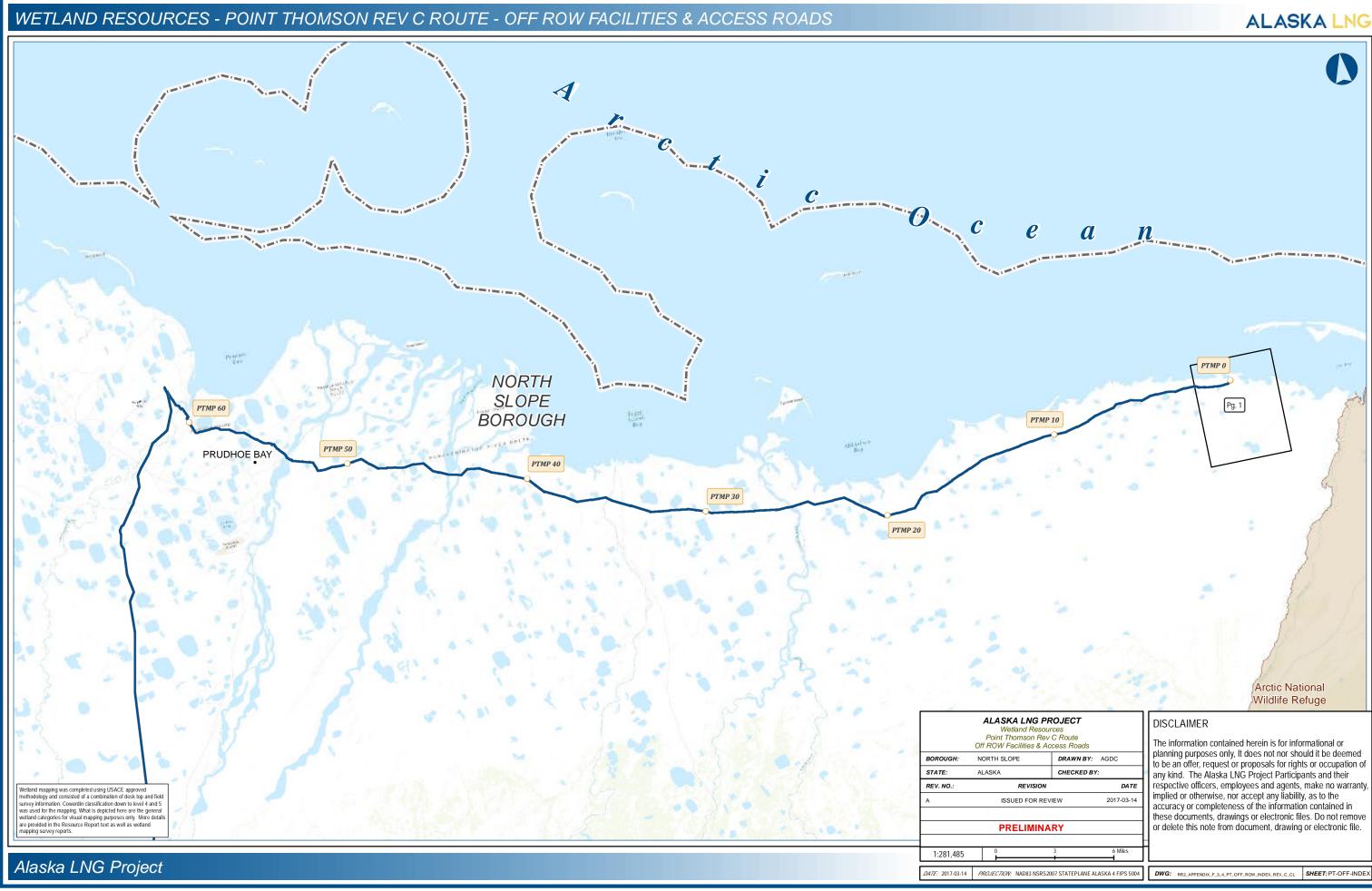
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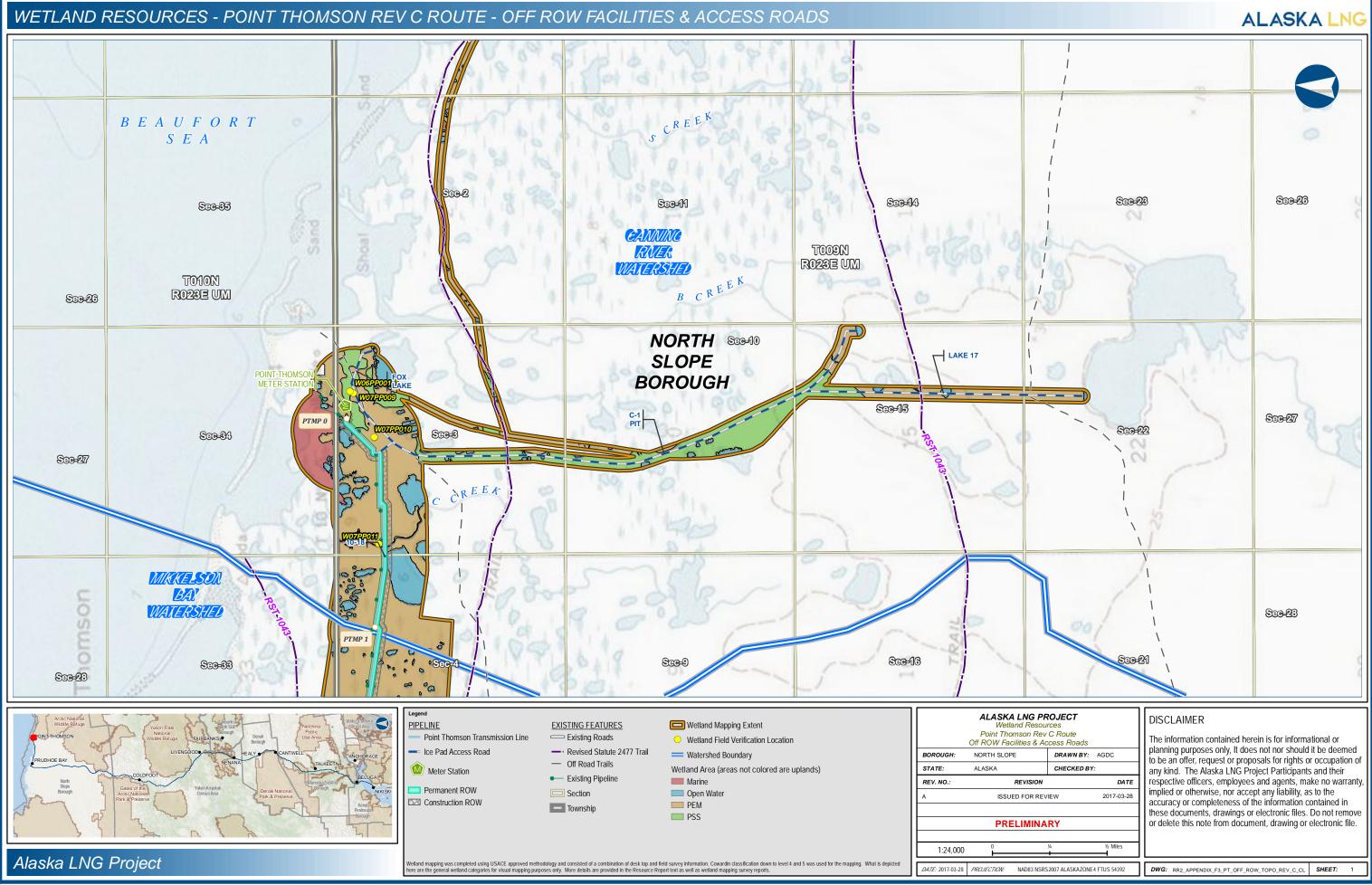
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Alaska LNG Project

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 depited here are the general wetland categories for visual mapping purposes only. More details

DWG: RR2_APPENDIX_F3_PT_OFF_ROW_TOPO_REV_C_CL_COVER









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

Resource Report 2, Appendix F4
Aerial Mapping

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

DISCLAIMER

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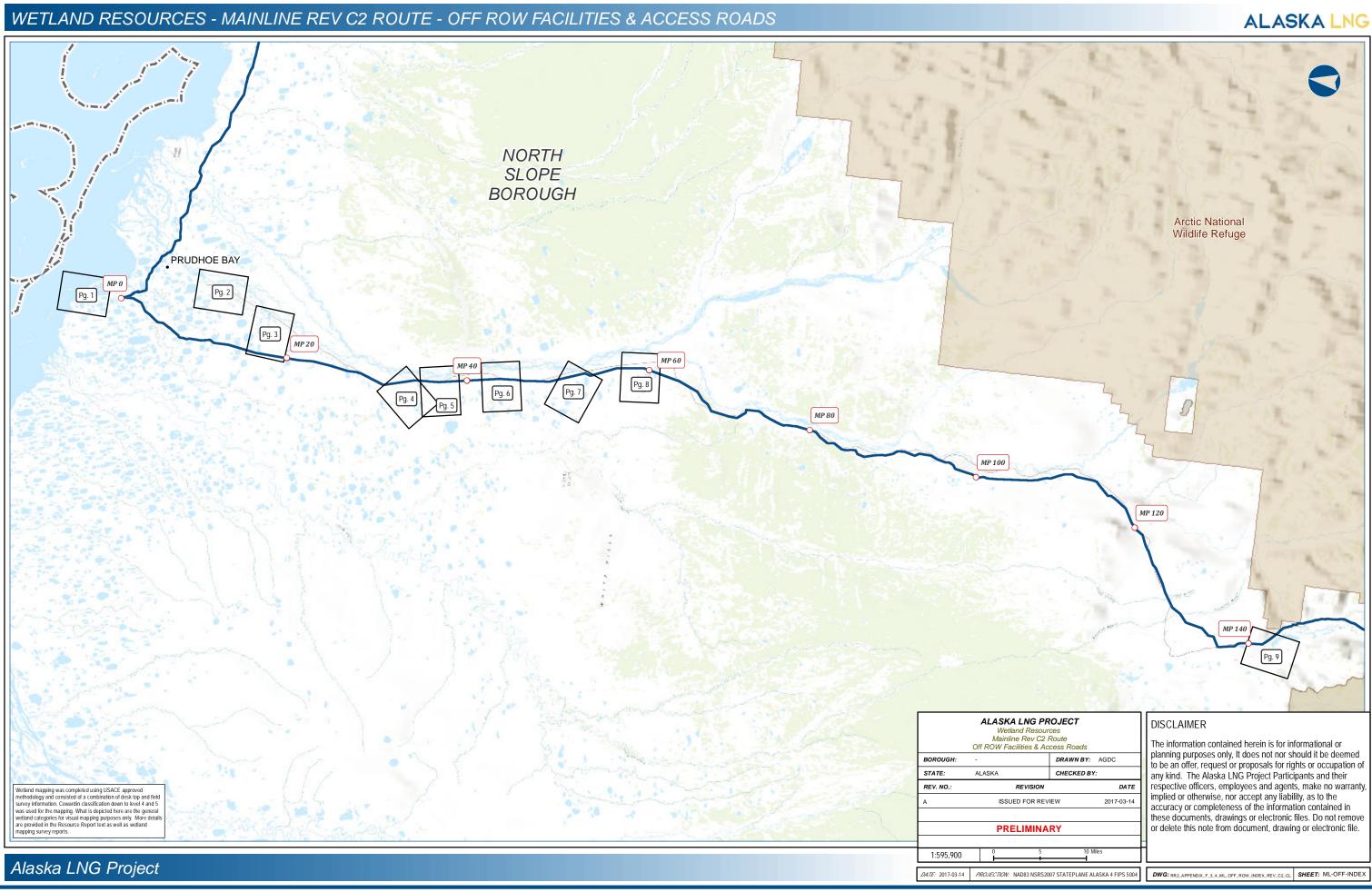
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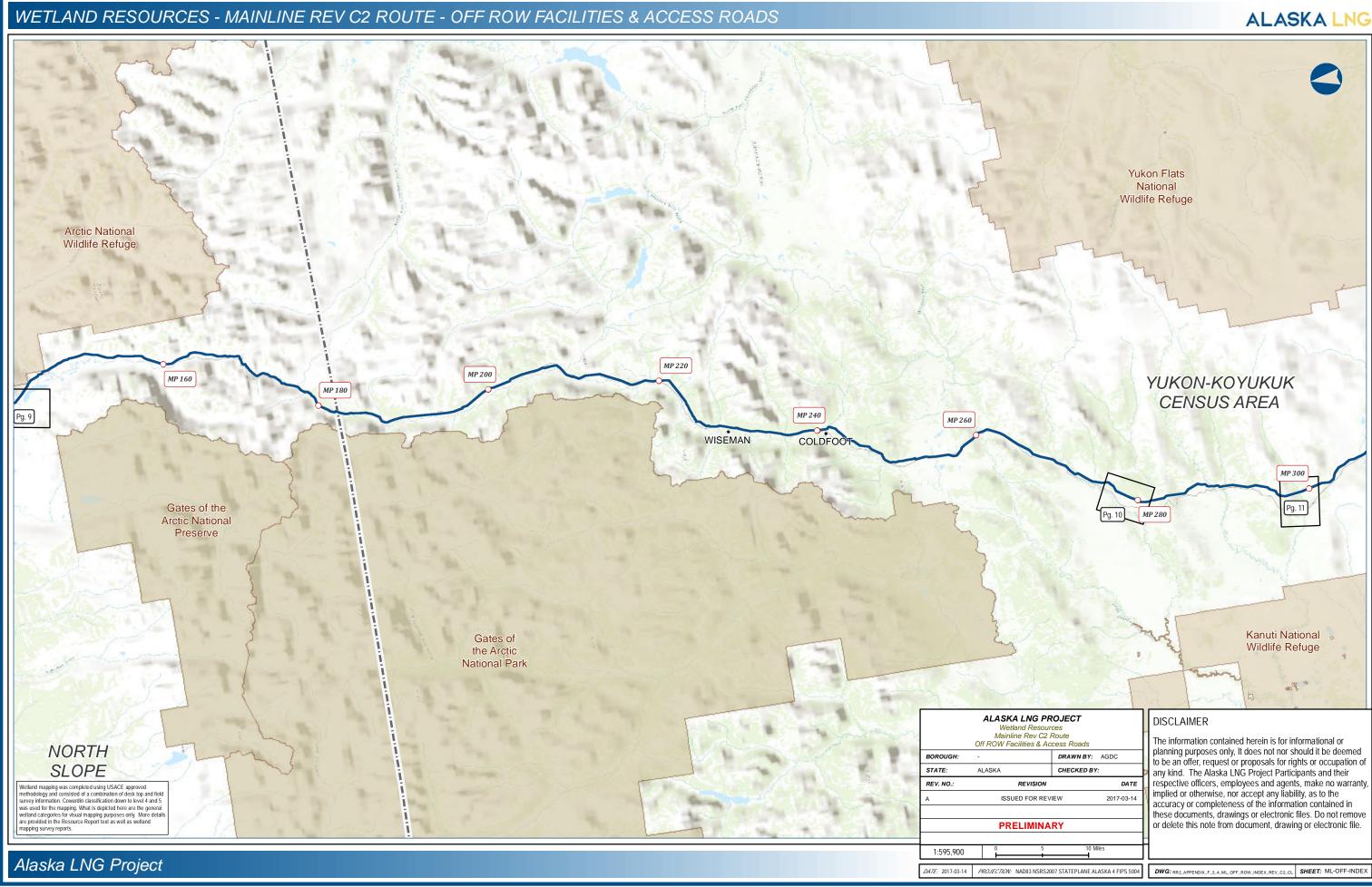
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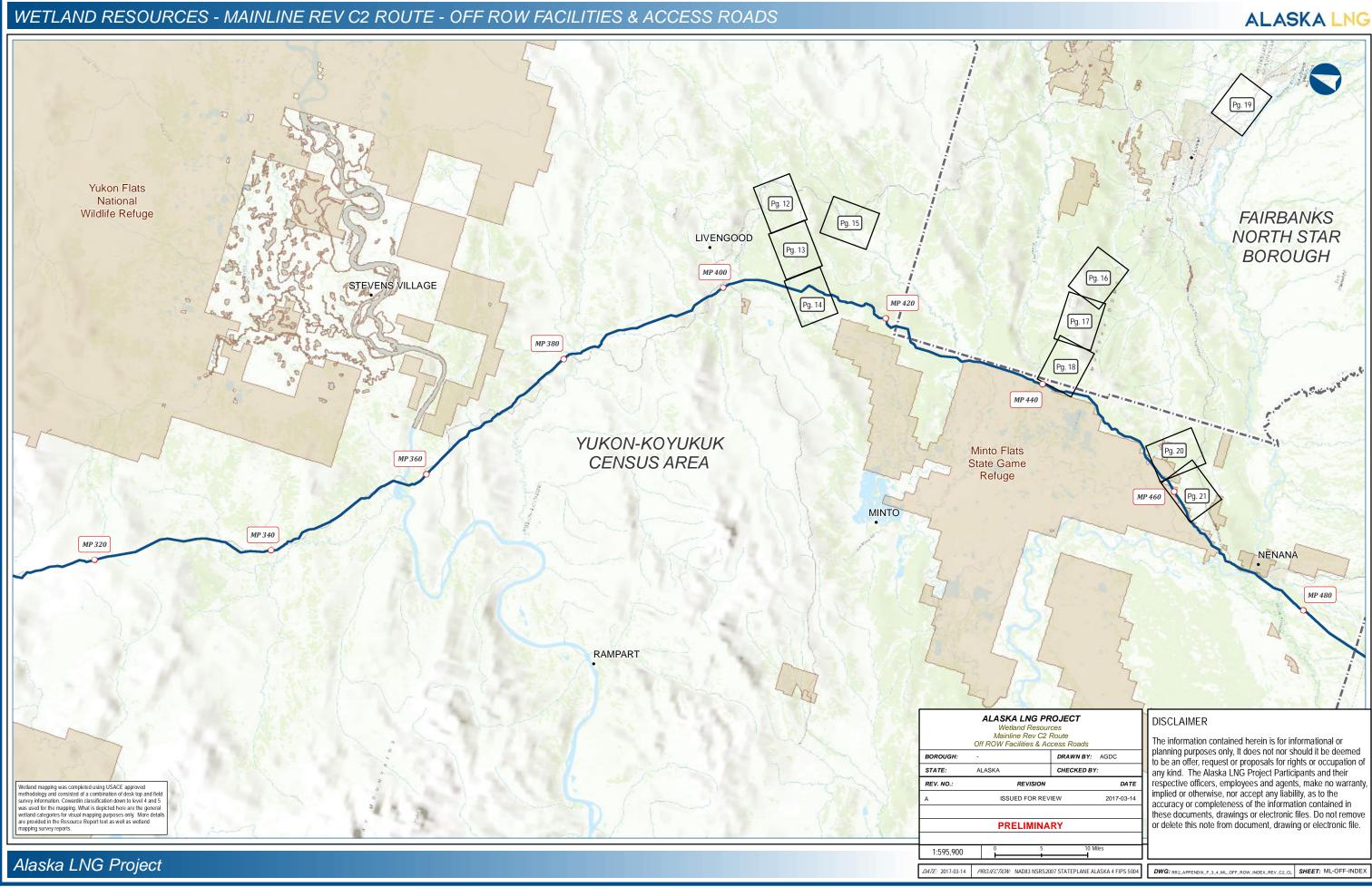
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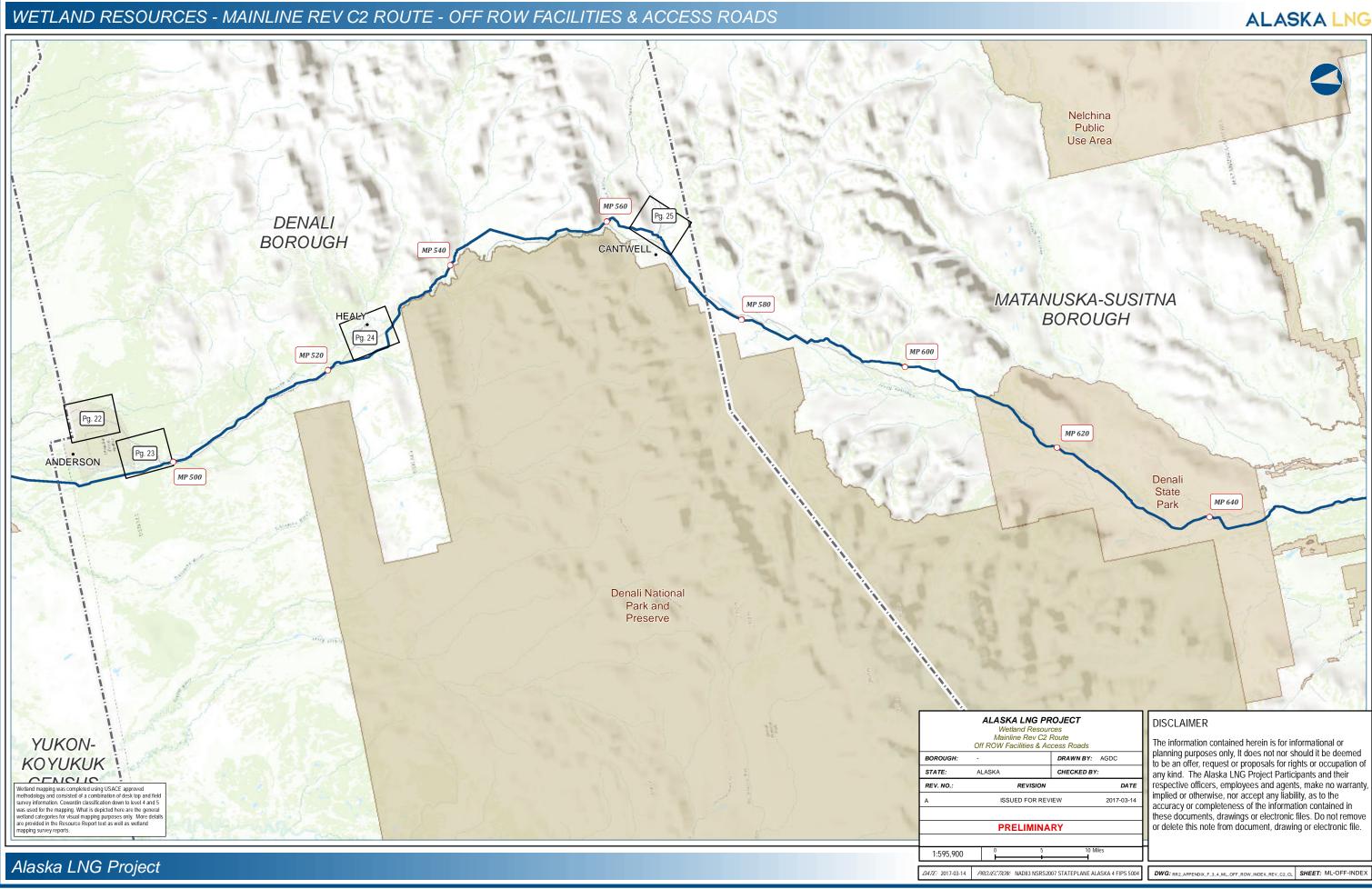
Alaska LNG Project

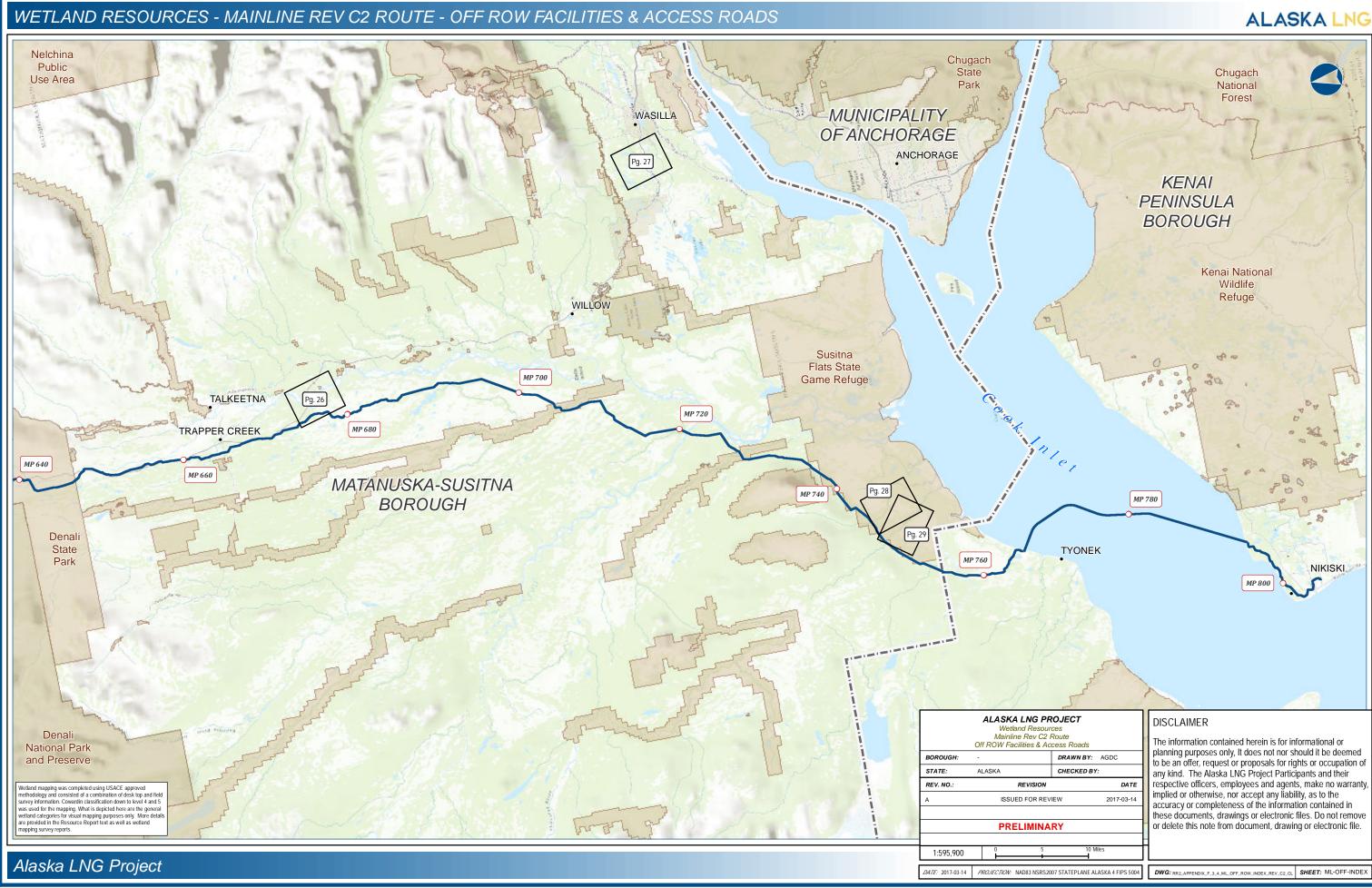
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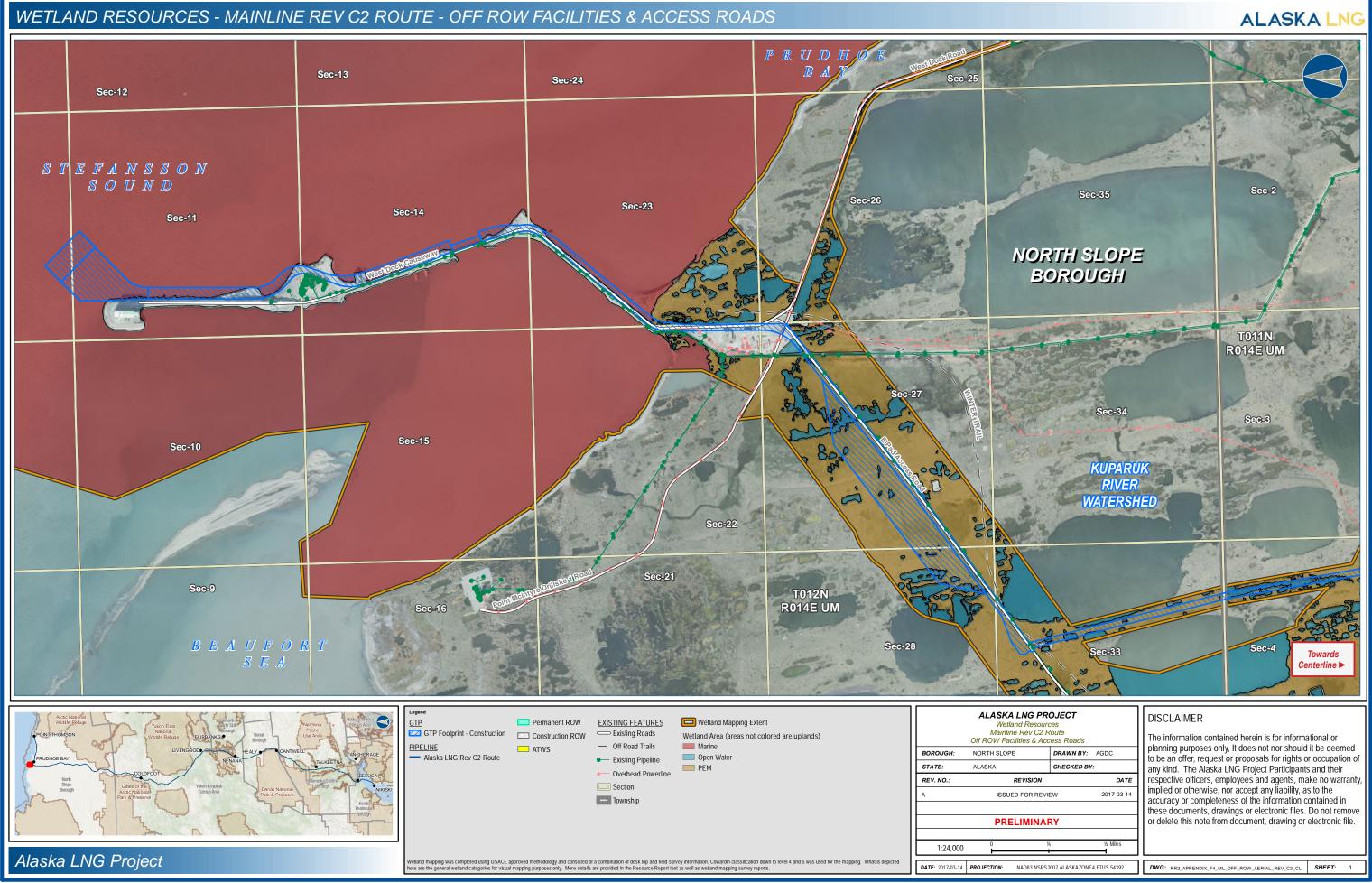




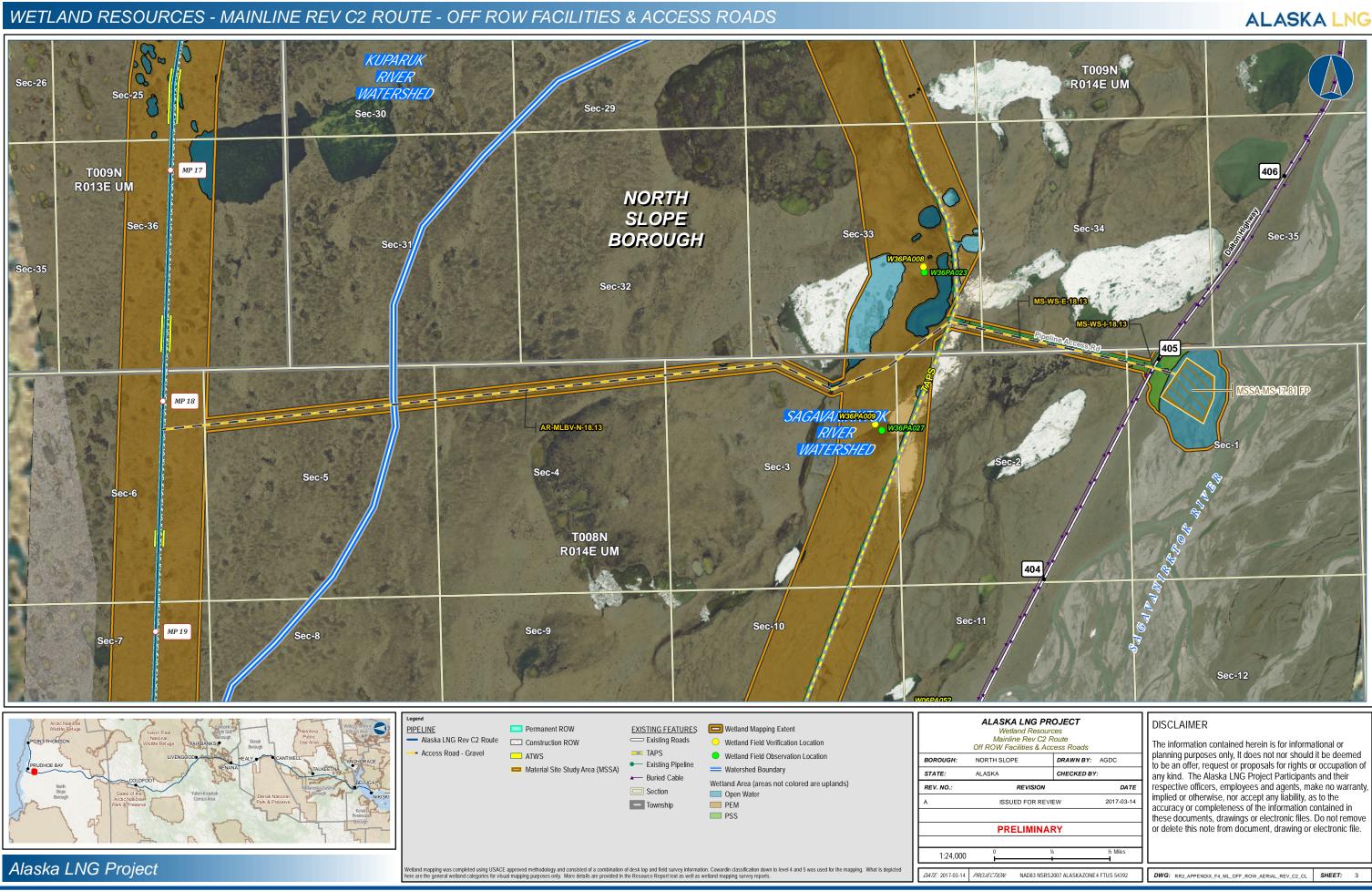


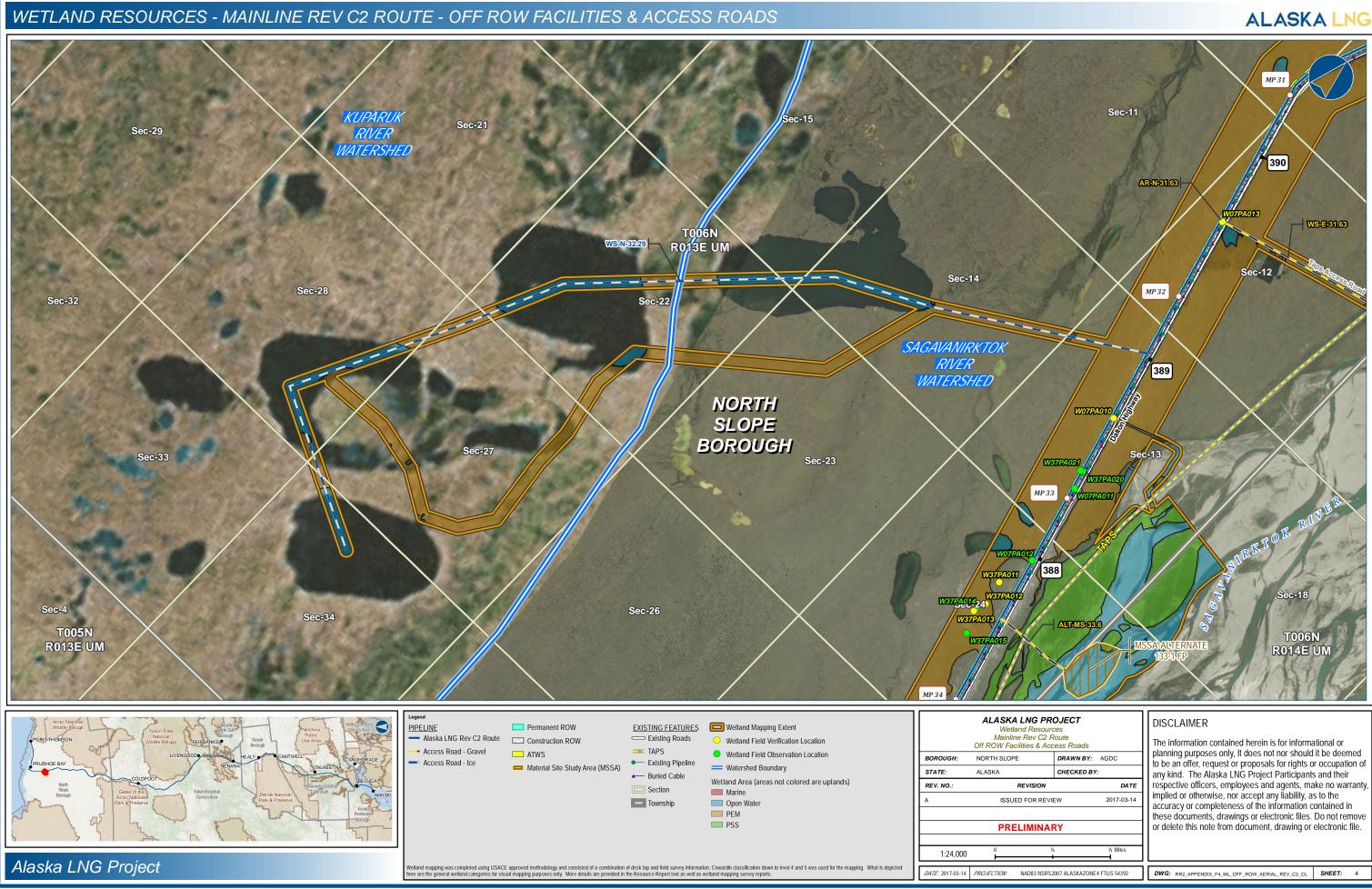


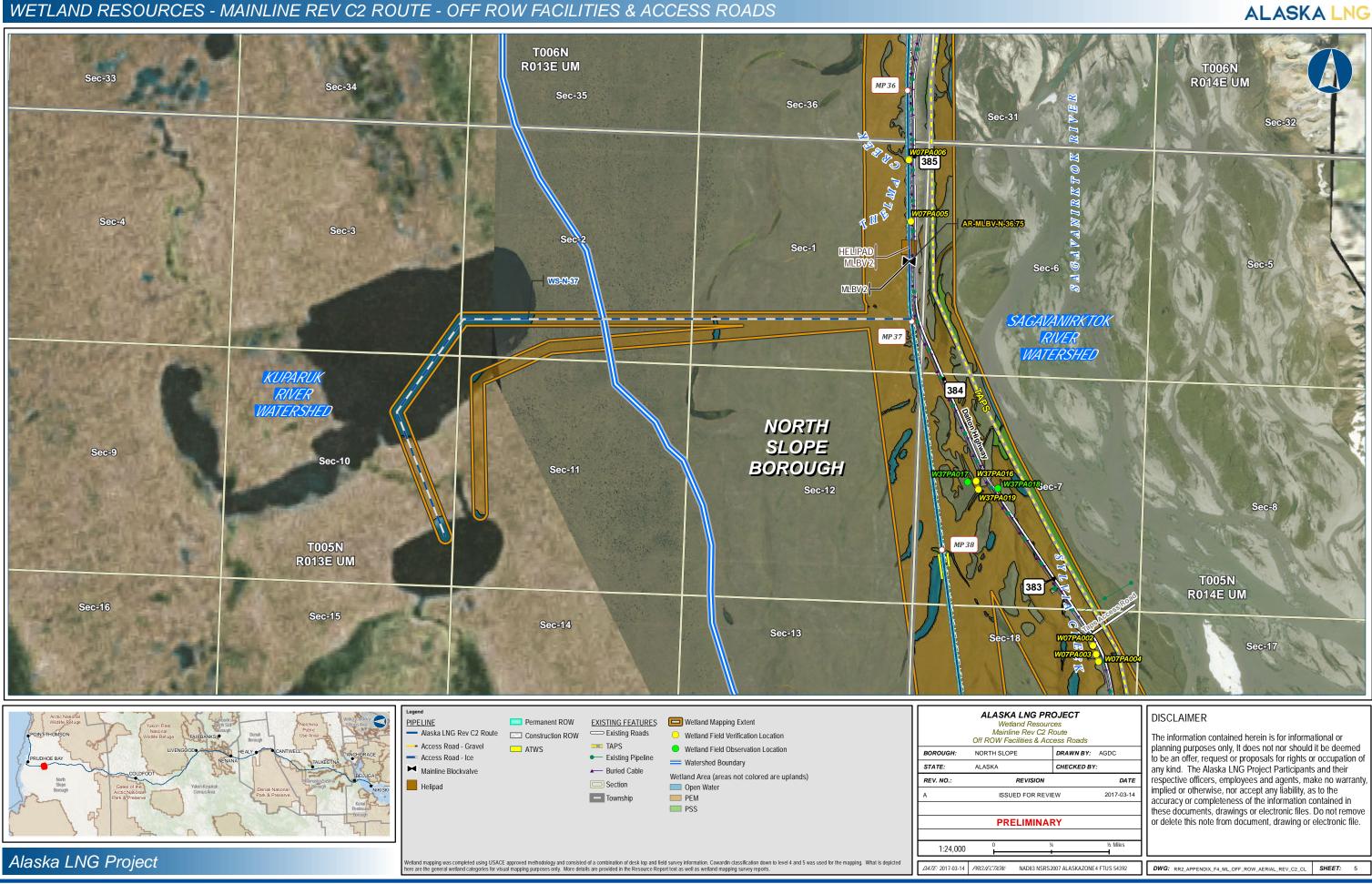




WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG Sec-27 Sec-25 **KUPARUK R015E UM** T010N RIVER **R014E UM** WATERSHED Sec-31 Sec-36 NORTH SLOPE BOROUGH MS-E-11.43 411 Sec-2 **SAGAVANIRKTOK** RIVER WATERSHED T009N R015E UM T009N **R014E UM** 410 **⋖** Towards Sec-11 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent PIPELINE EXISTING FEATURES Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads Watershed Boundary The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Construction ROW - Access Road - Gravel ATWS Wetland Area (areas not colored are uplands) DRAWN BY: AGDC BOROUGH: NORTH SLOPE to be an offer, request or proposals for rights or occupation of Open Water ▲— Buried Cable Material Site Study Area (MSSA) CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their PEM Section respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION Township implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. **PRELIMINARY** 1:24,000 Alaska LNG Project Weltand 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. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET:







WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG MP 43 NORTH 378 T004N SLOPE **R014E UM BOROUGH** SAGAVANIRK TOK RIVER Sec-9 WS-N-43.65 T004N **R013E UM** MP 45 ALASKA LNG PROJECT DISCLAIMER PIPELINE Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Construction ROW Wetland Field Verification Location - Access Road - Gravel TAPS ATWS Wetland Field Observation Location DRAWN BY: AGDC BOROUGH: NORTH SLOPE - Access Road - Ice Existing Pipeline to be an offer, request or proposals for rights or occupation of Off ROW Camp Watershed Boundary CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their ▲ Buried Cable Nipe Storage Yard (PSY) ■ Wetland Area (areas not colored are uplands) respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION Section Open Water implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW Township PEM accuracy or completeness of the information contained in PSS these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. **PRELIMINARY** 1:24,000 Alaska LNG Project 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 welland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET:

WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS **ALASKA LNG** Sec-8 MP 51 NORTH SLOPE BOROUGH T003N Sec-13 MP 52 **R014E UM** T003N **R013E UM** Sec-20 Sec-27 Sec-23 Sec-28 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent PIPELINE Permanent ROW EXISTING FEATURES Mainline Rev C2 Route Off ROW Facilities & Access Roads Wetland Field Verification Location The information contained herein is for informational or planning purposes only, It does not nor should it be deemed DRAWN BY: AGDC BOROUGH: NORTH SLOPE to be an offer, request or proposals for rights or occupation of === TAPS Watershed Boundary CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their Existing Pipeline Wetland Area (areas not colored are uplands) respective officers, employees and agents, make no warranty, REV. NO.: REVISION DATE Open Water implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW PEM accuracy or completeness of the information contained in PSS these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. **PRELIMINARY**

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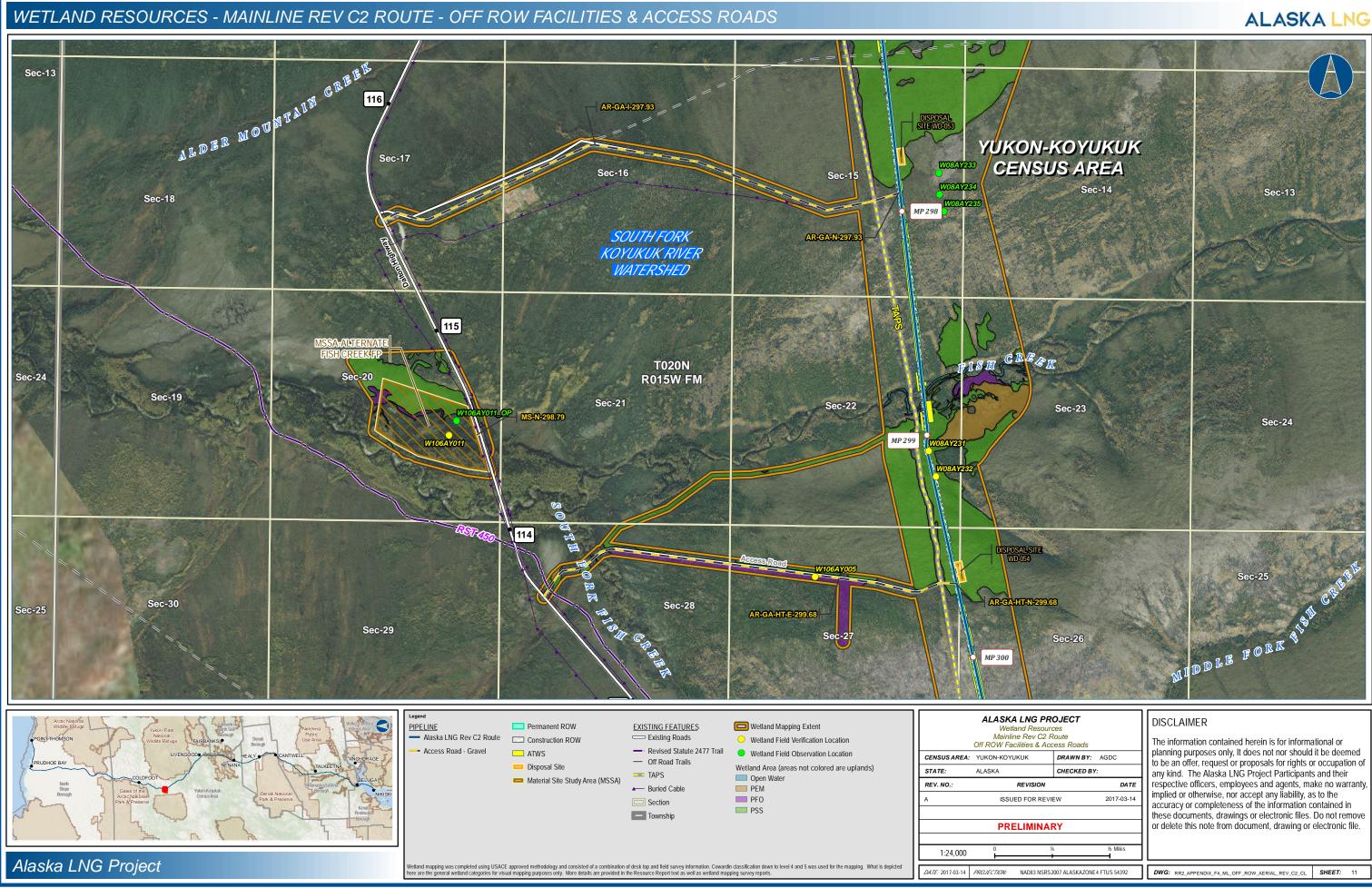
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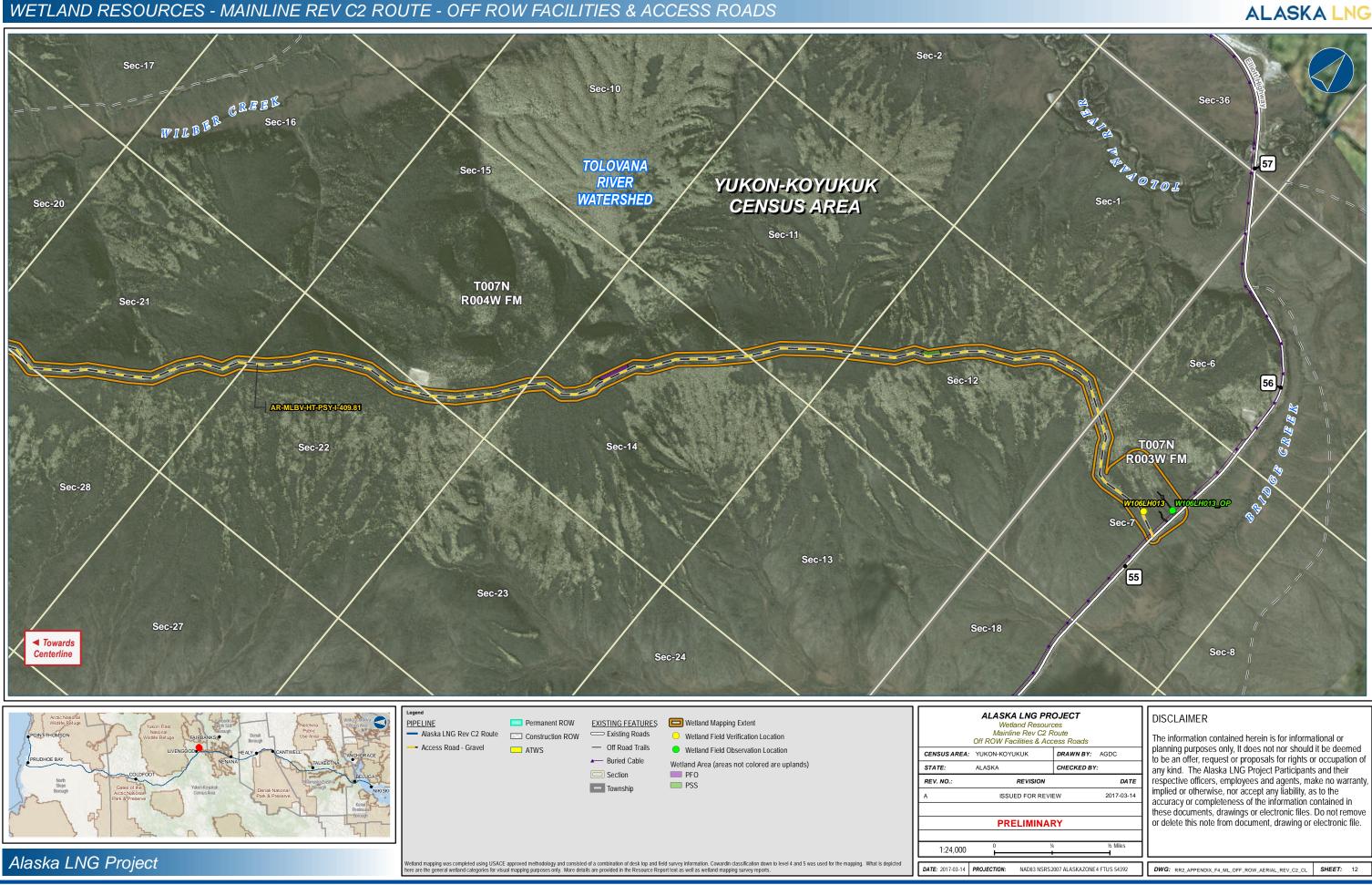
Alaska LNG Project

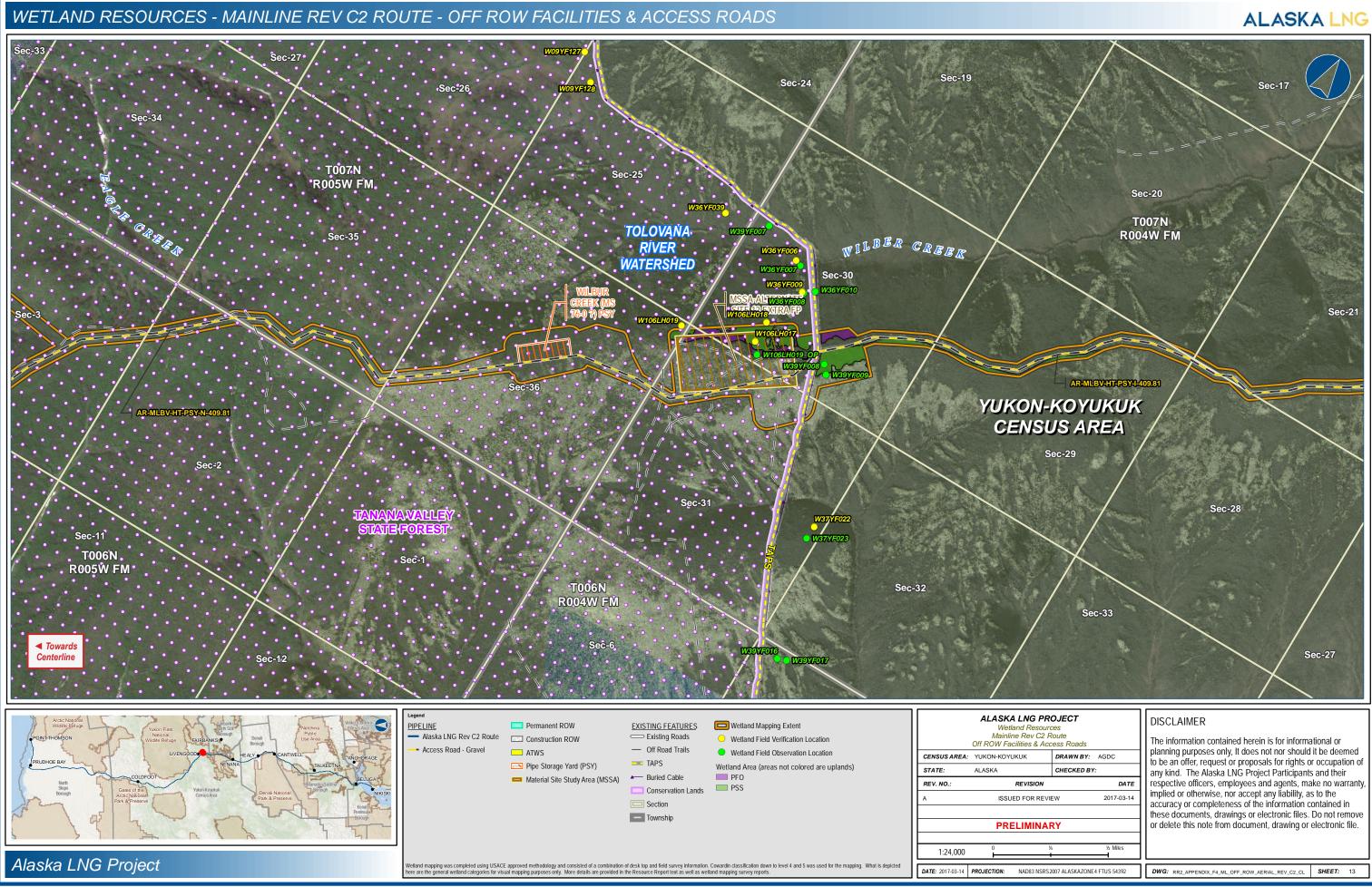
WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG Sec-21 T002N **R014E UM** Sec-22 MP 58 Sec-29 RIVER Sec-19 T002N **R015E UN** WS-N-58.96 NORTH SAGAVANIRKTOK SLOPE RIVER WATERSHED Sec-32 **BOROUGH** MP 60 **[**[361] Sec-31 ALASKA LNG PROJECT DISCLAIMER <u>PIPELINE</u> Permanent ROW Mainline Rev C2 Route Off ROW Facilities & Access Roads Wetland Field Verification Location The information contained herein is for informational or planning purposes only, It does not nor should it be deemed - Access Road - Gravel Watershed Boundary DRAWN BY: AGDC BOROUGH: NORTH SLOPE - Access Road - Ice to be an offer, request or proposals for rights or occupation of TAPS Wetland Area (areas not colored are uplands) CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their Existing Pipeline Open Water respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION PEM implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW PSS Section accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Township **PRELIMINARY** 1:24,000 Alaska LNG Project 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 welland categories for visual mapping purposes only. More details are provided in the Resource Report text as well as wetland mapping survey reports. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET:

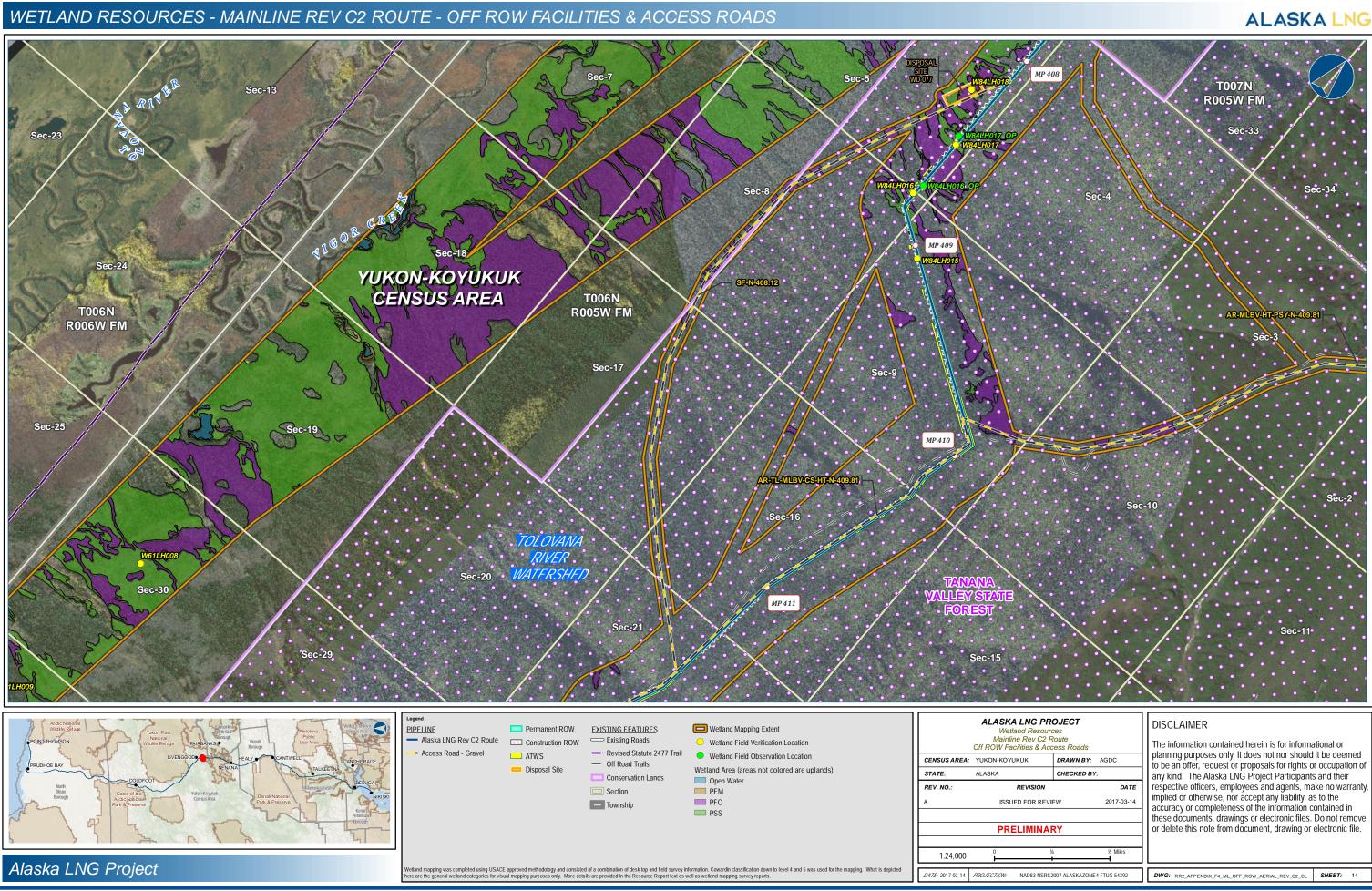
WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG Sec-36 Sec-24 Sec-1 GALBRAITH LAKE 275 MP 141 SAGAVANIRKTOK RIVER NATERSHED GALBRAITH LAKE CAMP Sec-2 Sec-11 Sec-2 NORTH SLOPE **BOROUGH** T011S R011E UM Sec-3 Sec-27 Sec-15 Sec-3 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent PIPELINE EXISTING FEATURES Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Construction ROW Wetland Field Verification Location - Access Road - Gravel ATWS Wetland Field Observation Location DRAWN BY: AGDC BOROUGH: NORTH SLOPE to be an offer, request or proposals for rights or occupation of Off ROW Camp Wetland Area (areas not colored are uplands) STATE: CHECKED BY: any kind. The Alaska LNG Project Participants and their Existing Pipeline Open Water Pipe Storage Yard (PSY) respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION ▲— Buried Cable PEM Material Site Study Area (MSSA) implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW PSS Section accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Township **PRELIMINARY** 1:24,000 Alaska LNG Project Weltand 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 weltand categories for visual mapping purposes only. More details are provided in the Resource Report text as well as weltand mapping survey reports. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET:

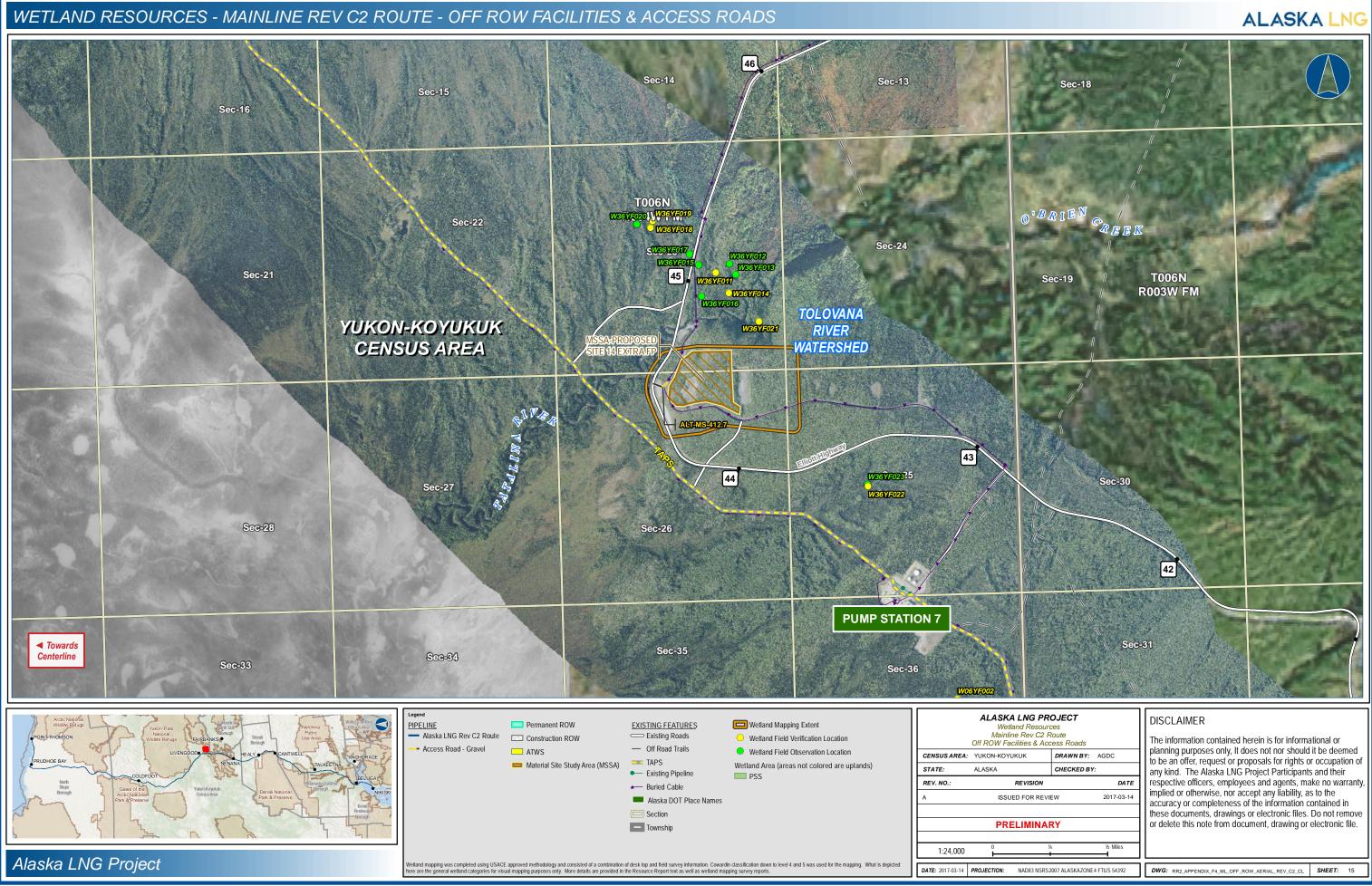
WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG Sec-15 Sec-6 Sec-1 Sec-23 Sec-16 YUKON-KOYUKUK MP 278 CENSUS AREA SOUTH FORK KOYUKUK RIVER Sec-7 AR-N-278-11 WATERSHED T023N R014W FM Sec-21 MP 279 Sec-11 T023N CAMP-PSY-E-279.12 **R015W FM PUMP STATION 5** Sec-28 Sec-34 Sec-19 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent PIPELINE **EXISTING FEATURES** Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads Construction ROW Wetland Field Verification Location The information contained herein is for informational or - Access Road - Gravel planning purposes only, It does not nor should it be deemed ATWS Wetland Field Observation Location CENSUS AREA: YUKON-KOYUKUK DRAWN BY: AGDC to be an offer, request or proposals for rights or occupation of Off ROW Camp Wetland Area (areas not colored are uplands) STATE: CHECKED BY: any kind. The Alaska LNG Project Participants and their Open Water ▶ Pipe Storage Yard (PSY) respective officers, employees and agents, make no warranty, REV. NO.: REVISION DATE Alaska DOT Place Names implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW PSS Section accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Township **PRELIMINARY** 1:24,000 Alaska LNG Project 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. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET:

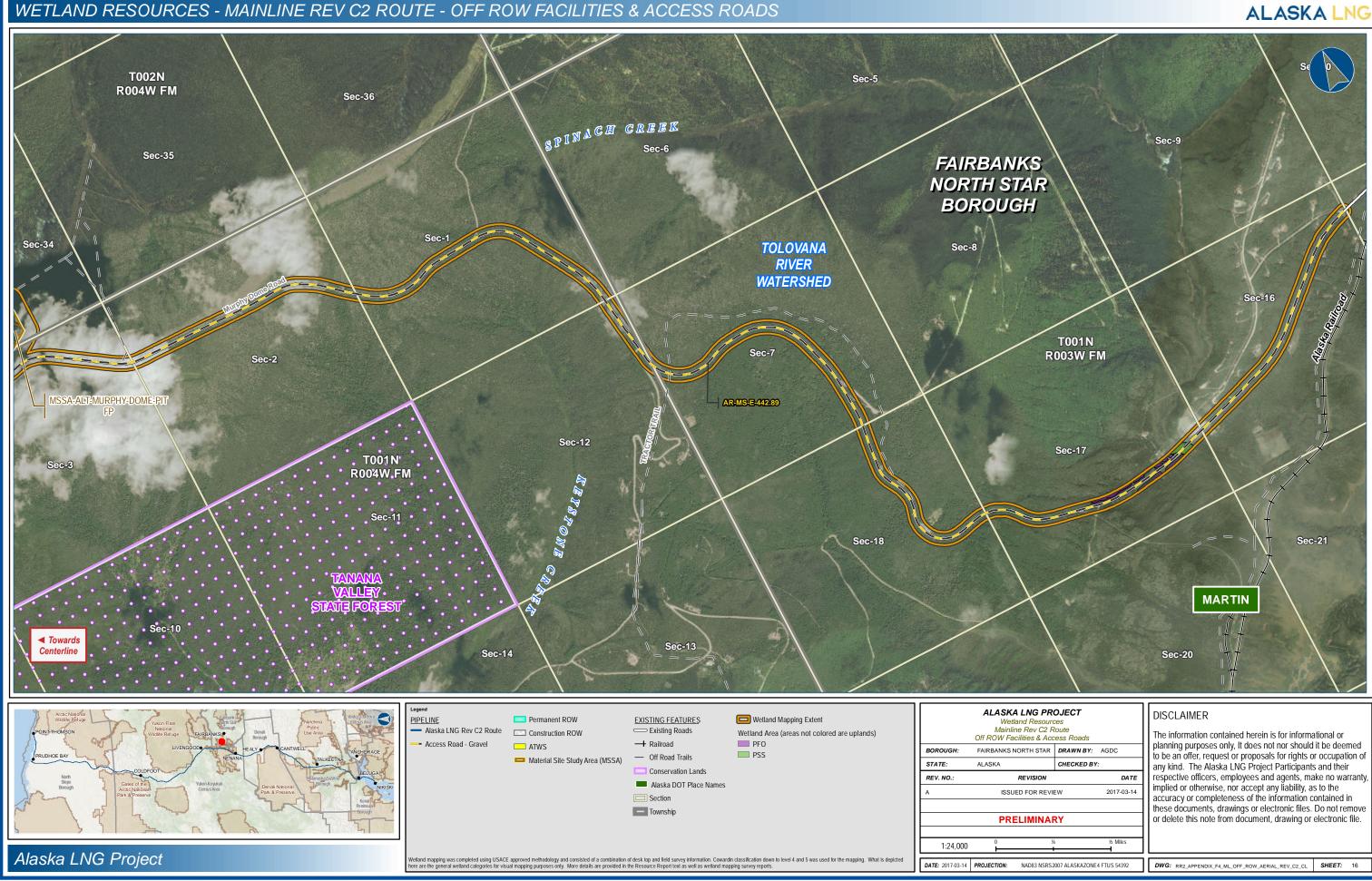


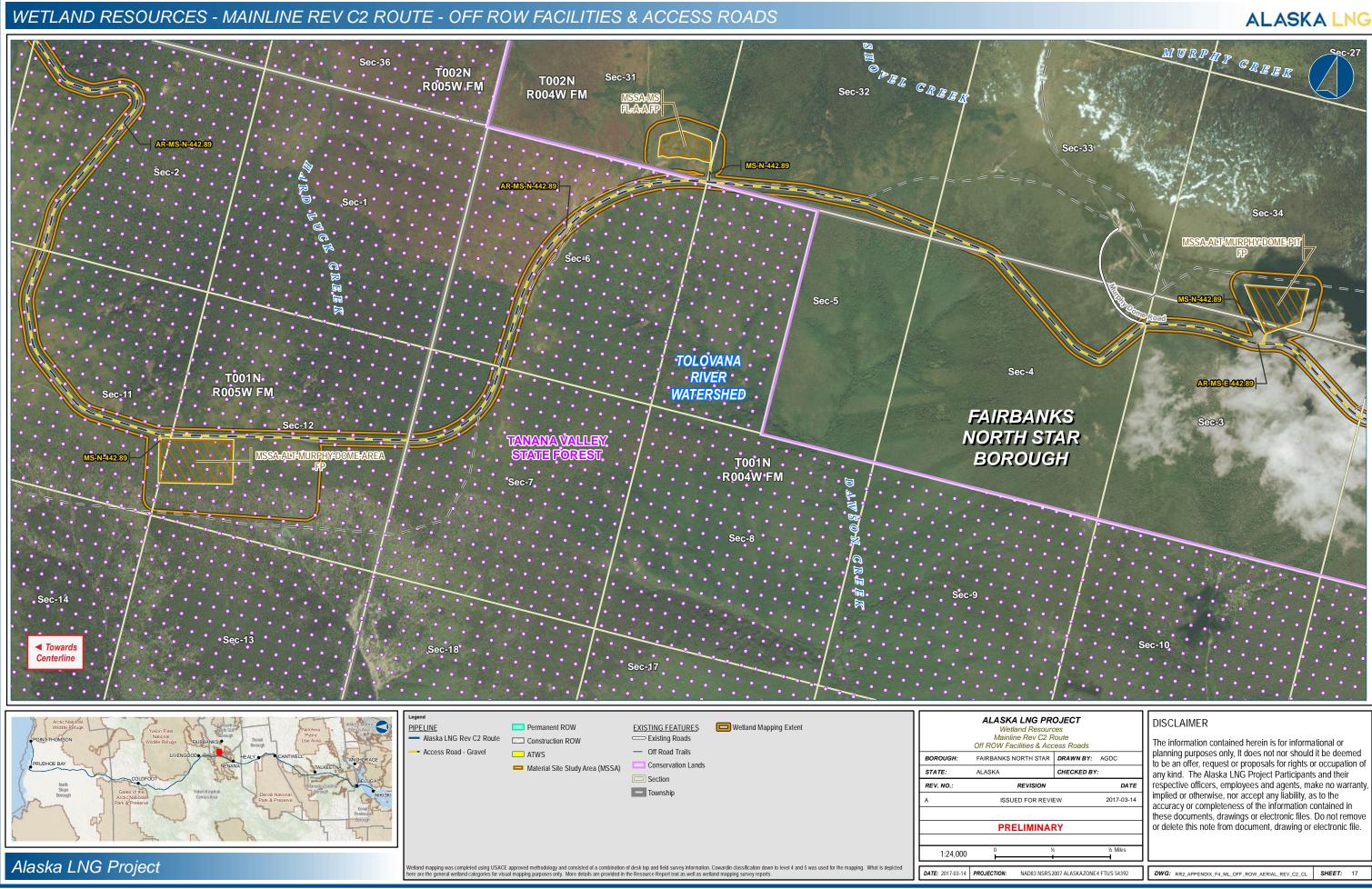


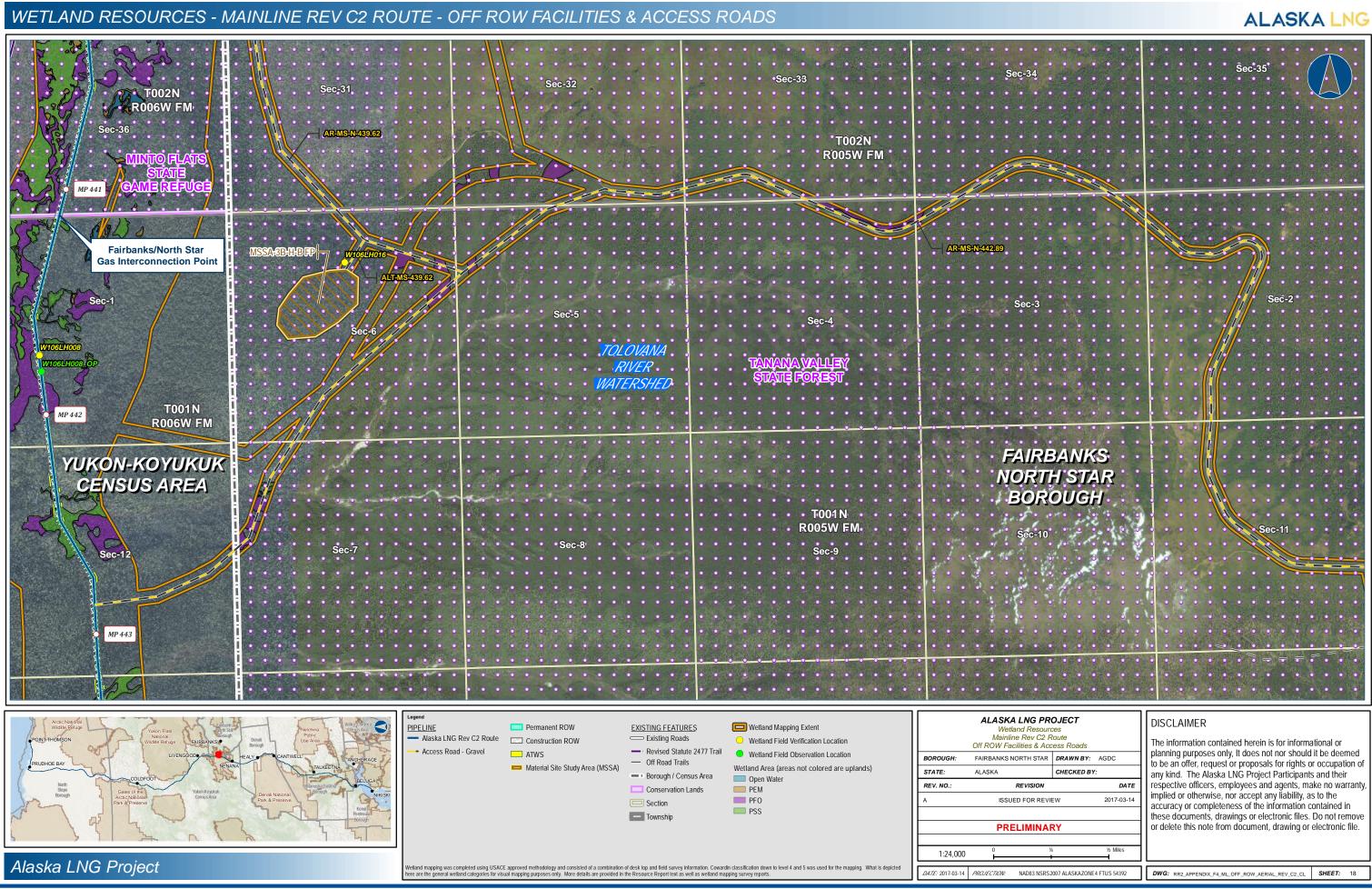




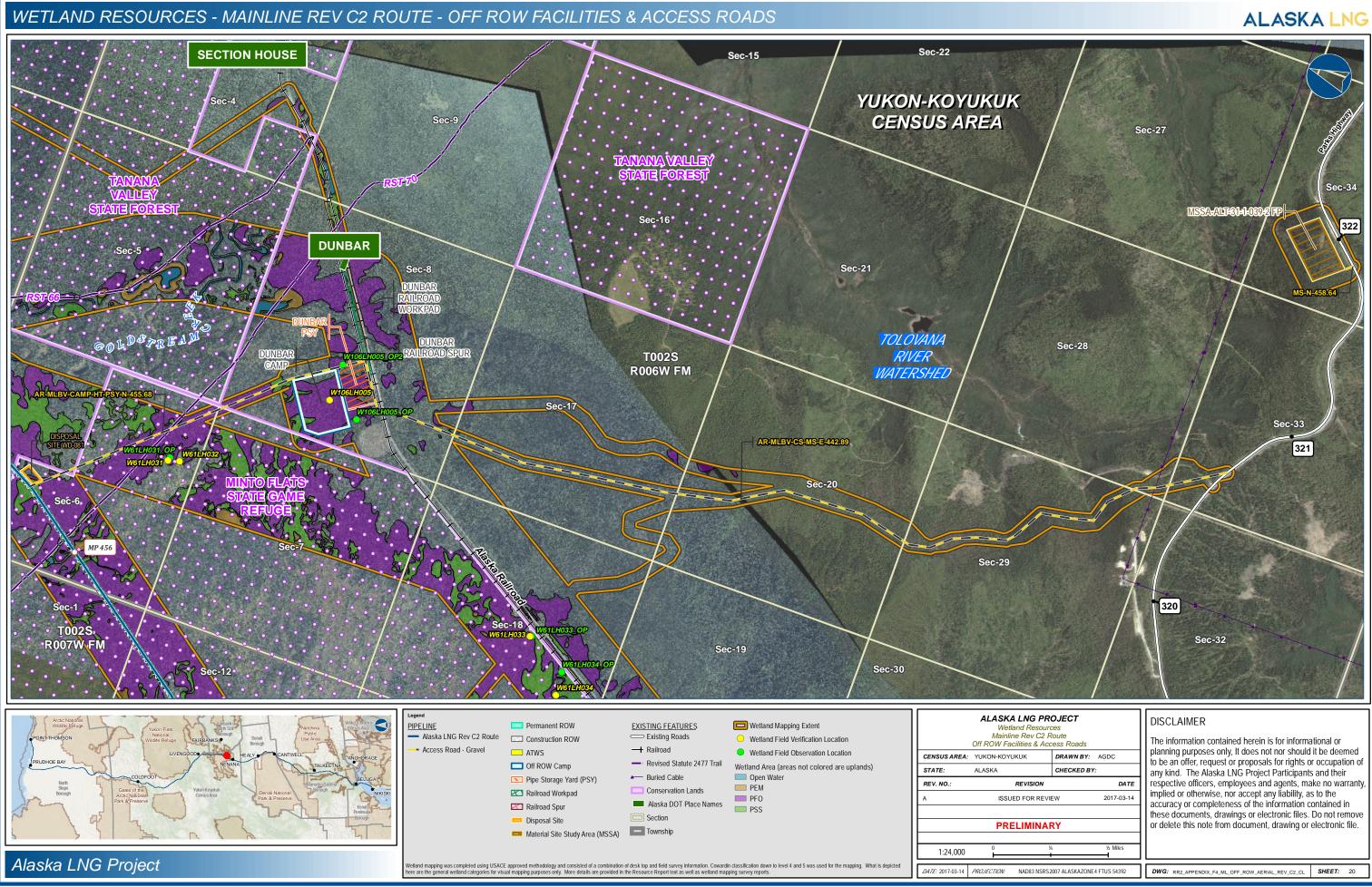


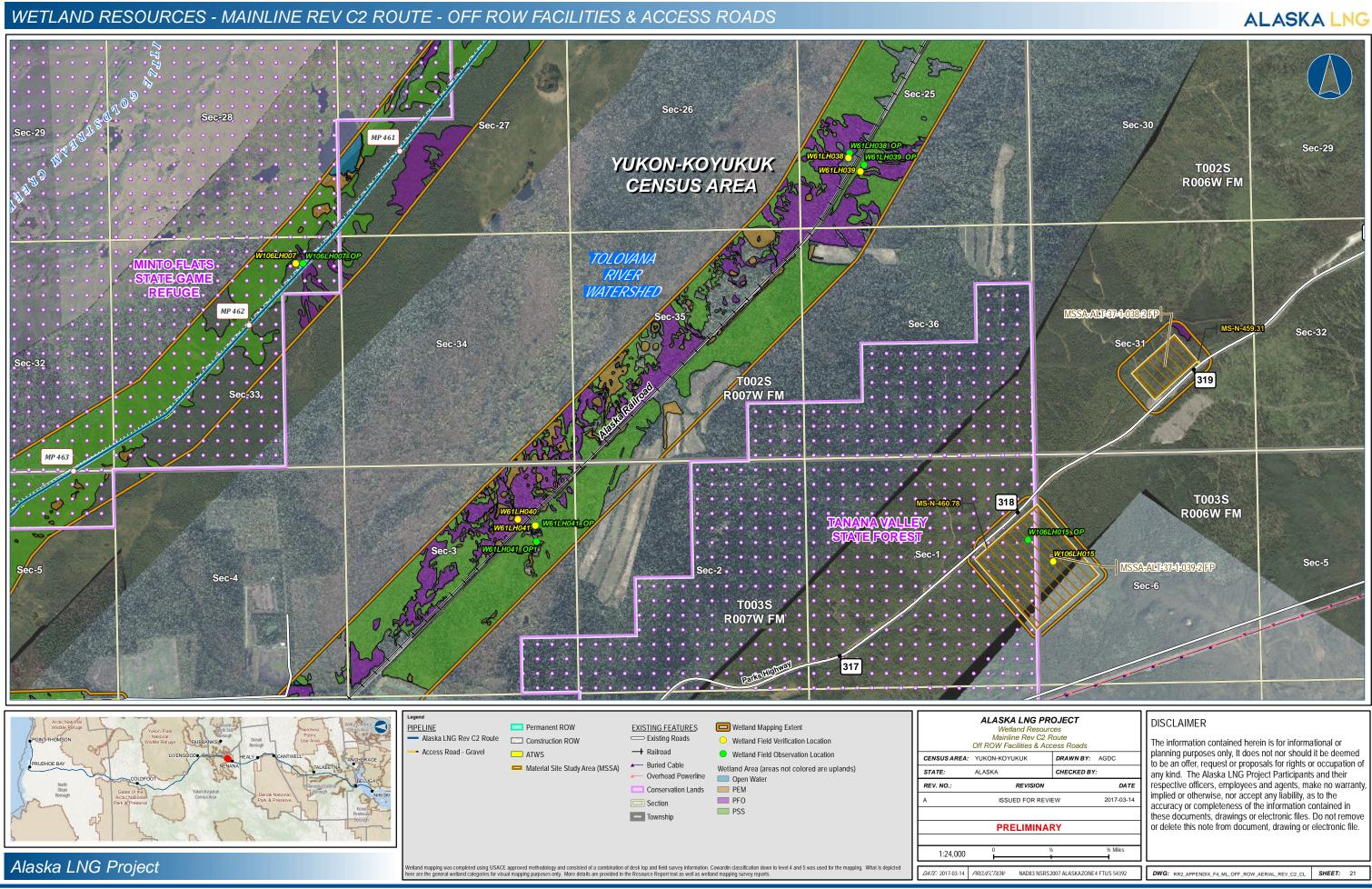




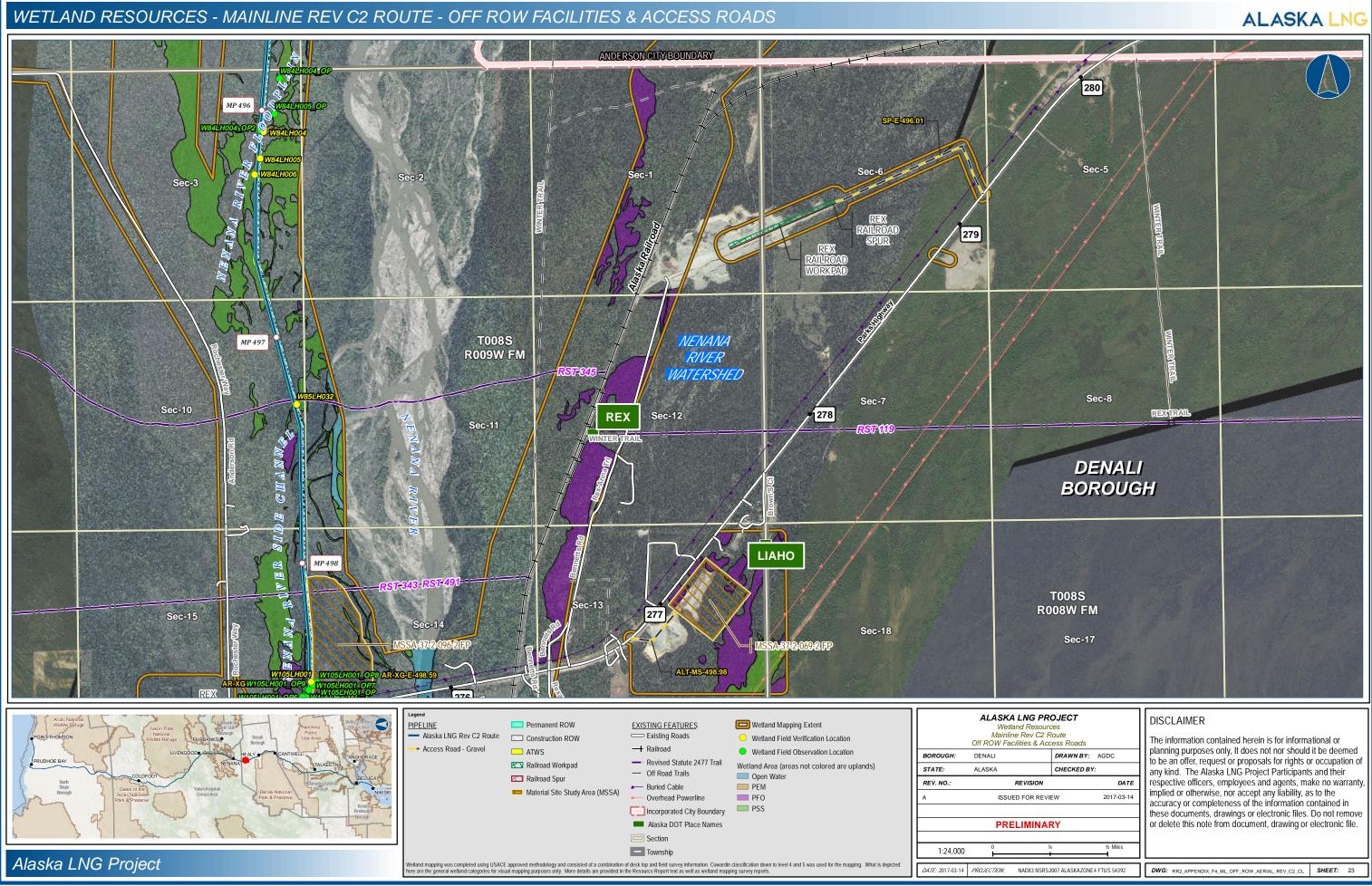


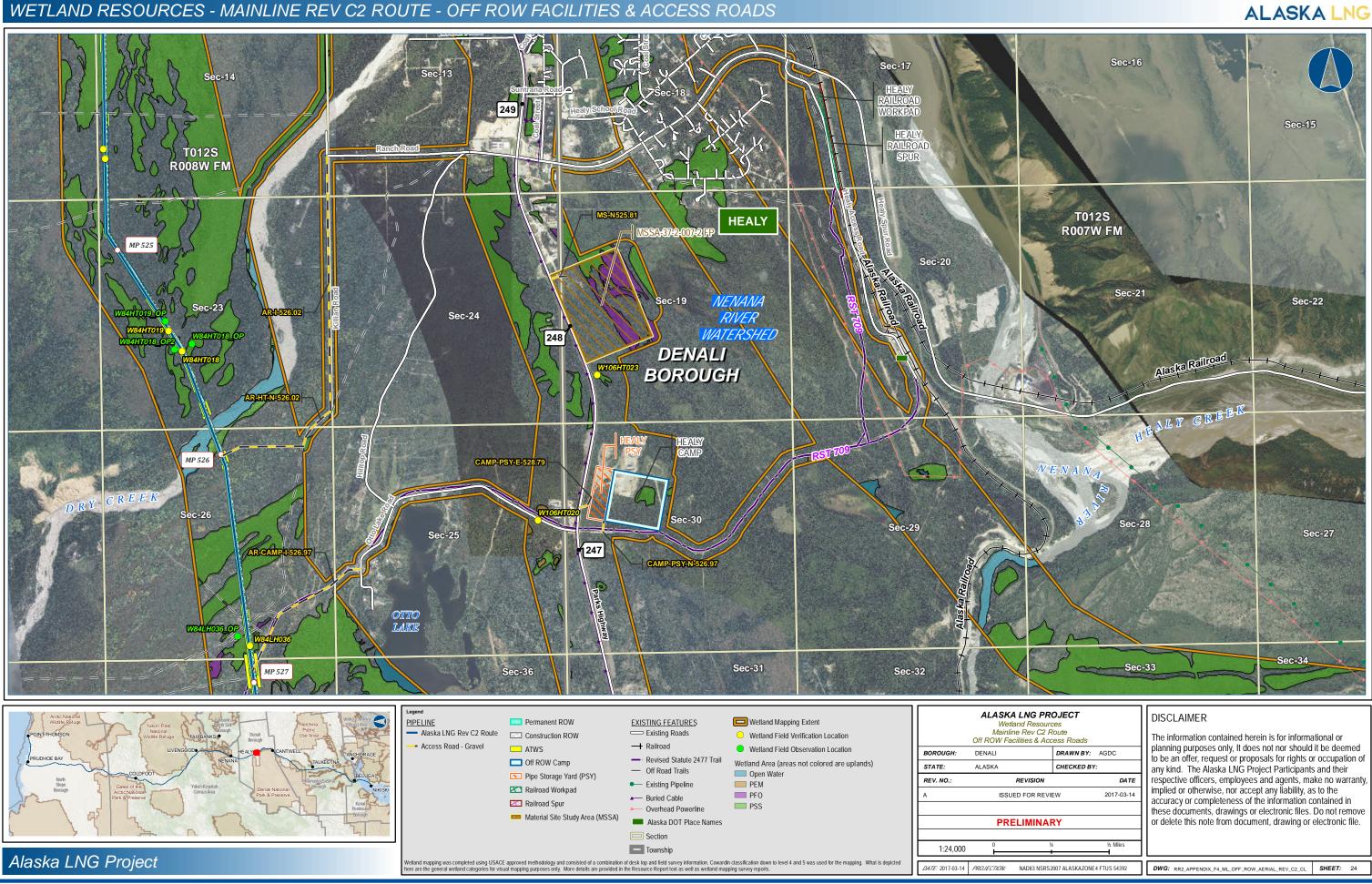
WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS **ALASKA LNG CHENA RIVER** FAIRBANKS NORTH STAR WATERSHED BOROUGH T001S R001E FM Sec-30 T001S R002E FM Sec-29 FAIRBANKS COATING& Sec-31 Sec-36 Sec-32 TANANA FLATS-TANANA RIVER NORTH POLE CITY BOUNDARY WATERSHED T002S R002E FM TANANA RIVER T002S R001E FM Sec-5 **◄** Towards ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent EXISTING FEATURES PIPELINE Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads Construction ROW The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Watershed Boundary ATWS FAIRBANKS NORTH STAR | DRAWN BY: AGDC BOROUGH: to be an offer, request or proposals for rights or occupation of Off Road Trails Double Joint Coating Yard CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their - Existing Pipeline respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION Incorporated City Boundary implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW Section accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Township **PRELIMINARY** 1:24,000 Alaska LNG Project 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. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 19

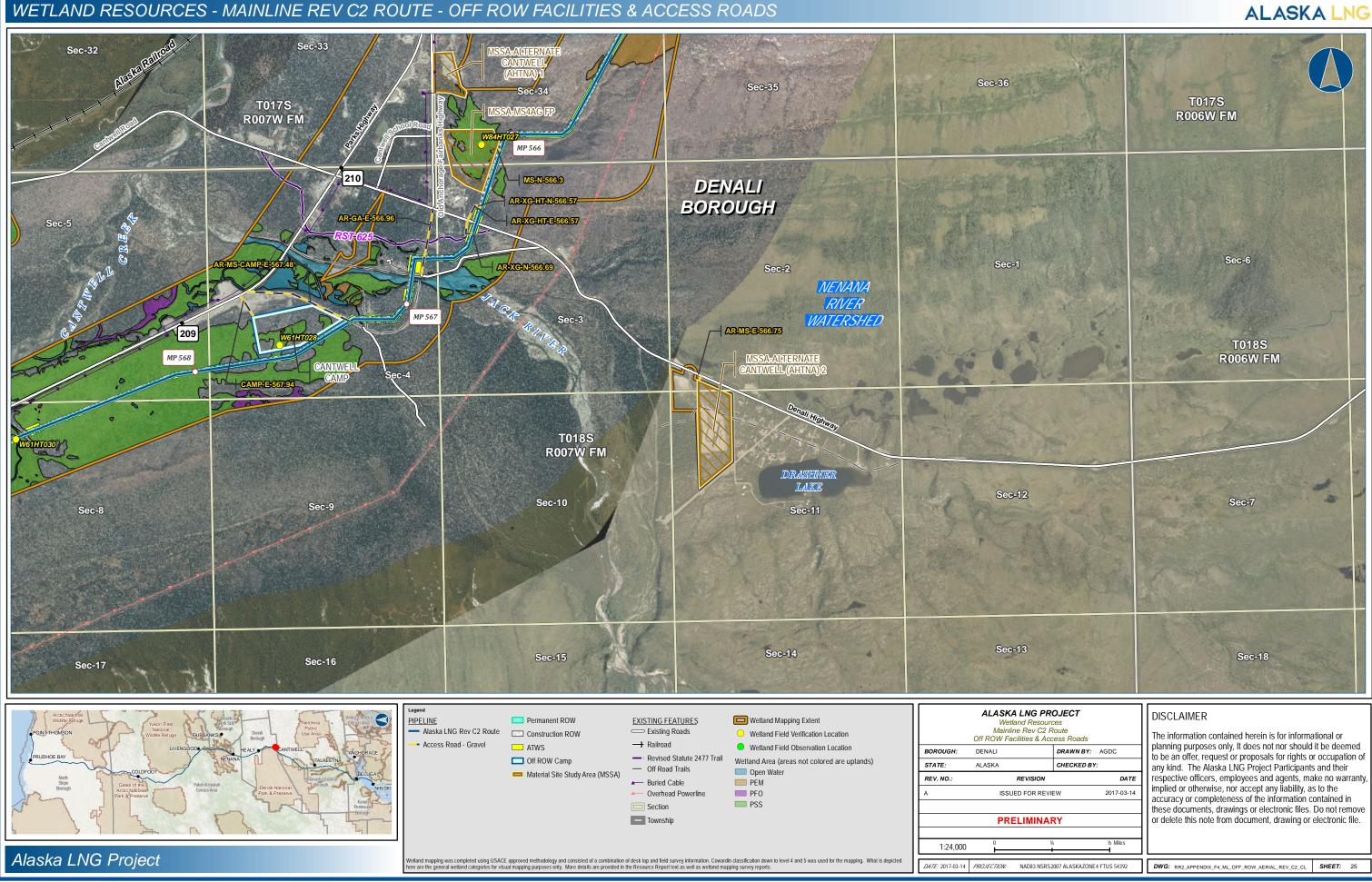


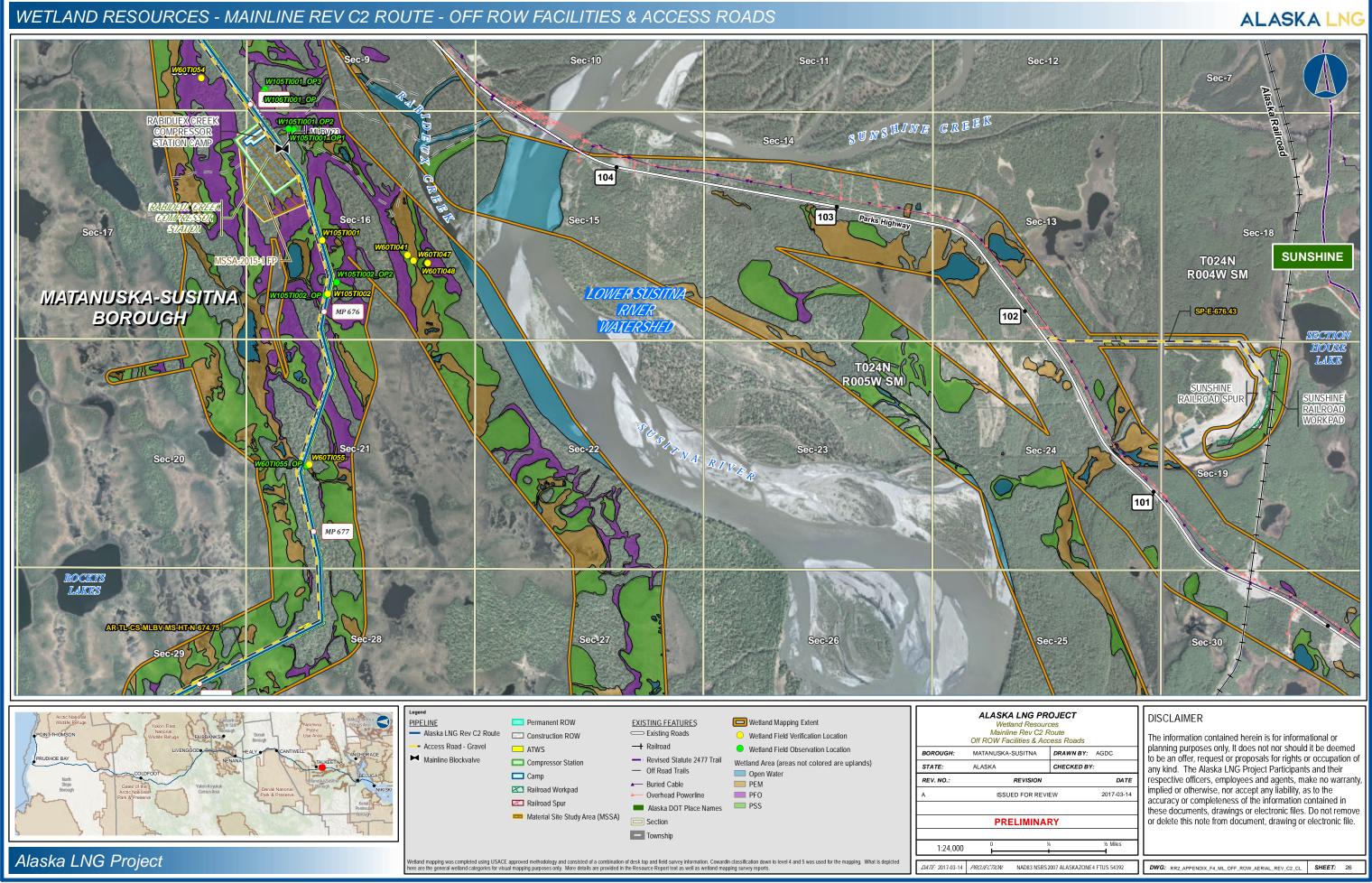


WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG Sec-9 Sec-12 Sec-11 Sec-10 **NENANA RIVER** DENALI **WATERSHED BOROUGH** 286 T007S R008W FM Sec-15 Sec-16 Sec-18 T007S ALT-MS-492.47 R007W FM **CLEAR MEWS (USAF)** Sec-22 Sec-21 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent EXISTING FEATURES PIPELINE Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Construction ROW Wetland Area (areas not colored are uplands) - Access Road - Gravel Open Water BOROUGH: DRAWN BY: AGDC PEM to be an offer, request or proposals for rights or occupation of ▲— Buried Cable Material Site Study Area (MSSA) STATE: CHECKED BY: PFO any kind. The Alaska LNG Project Participants and their Overhead Powerline respective officers, employees and agents, make no warranty, DATE REV. NO.: REVISION Incorporated City Boundary implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW Alaska DOT Place Names accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Section **PRELIMINARY** Township Alaska LNG Project Weltand 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 weltand categories for visual mapping purposes only. More details are provided in the Resource Report text as well as weltand mapping survey reports. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 22

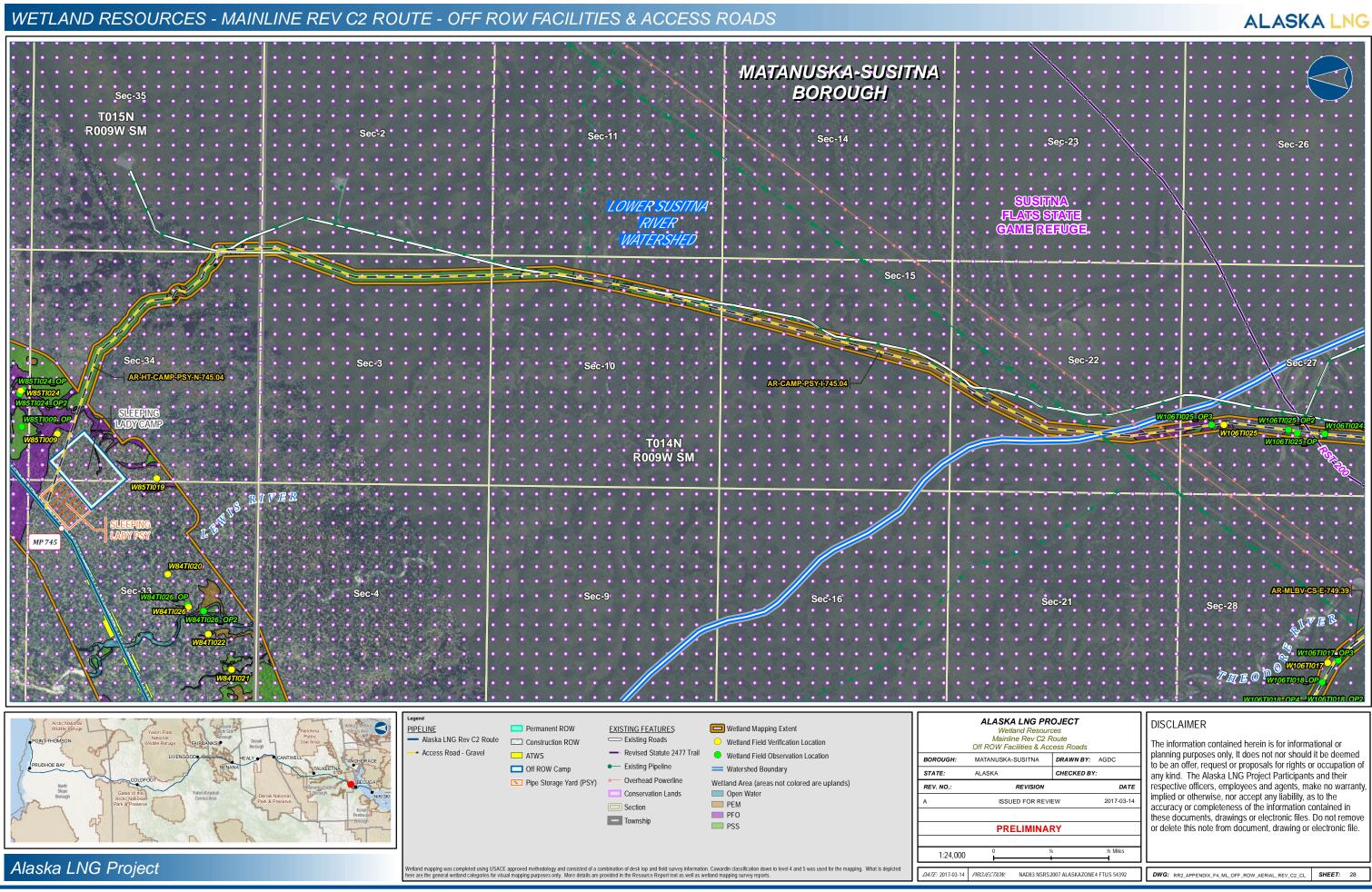


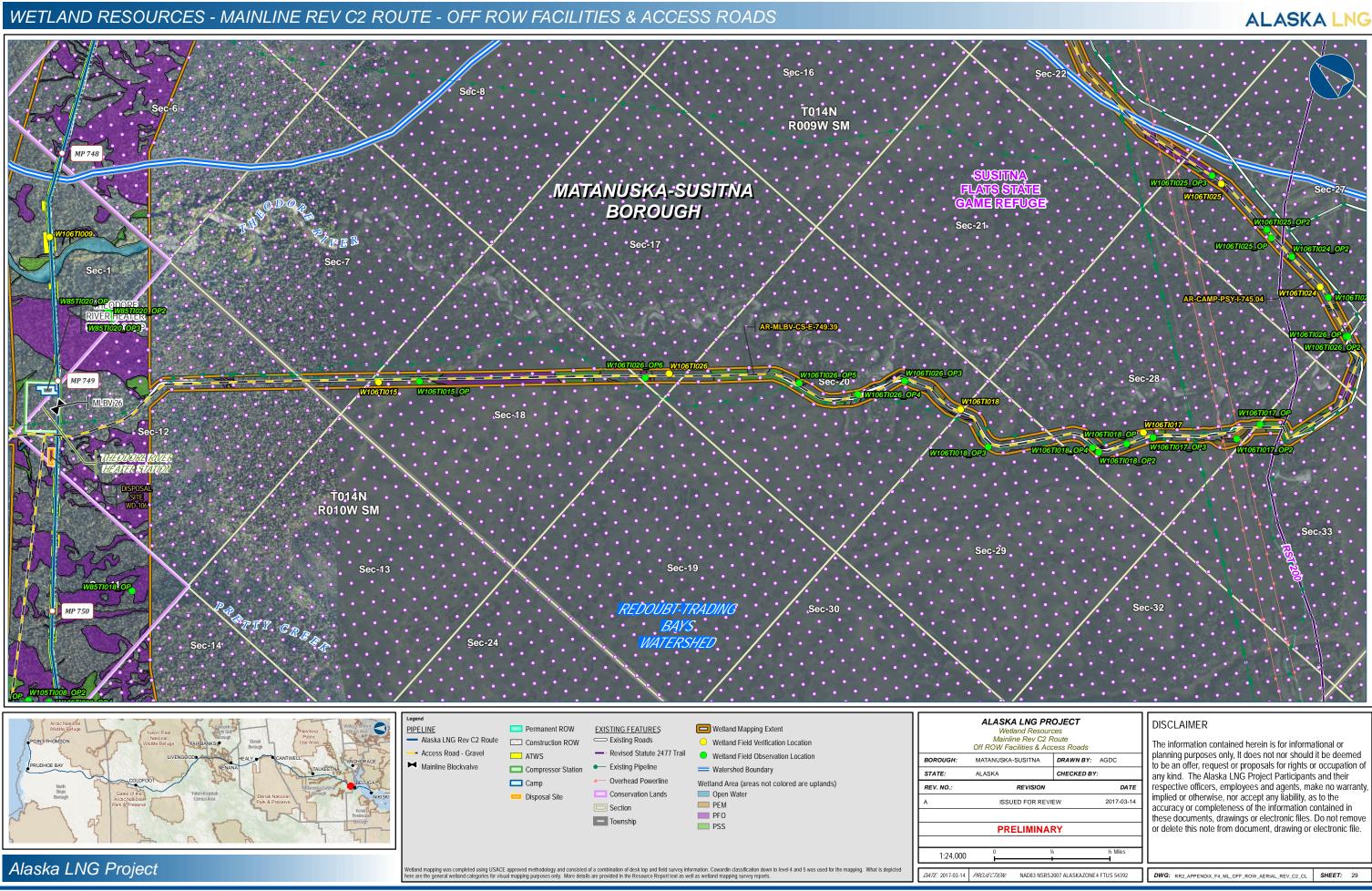






WETLAND RESOURCES - MAINLINE REV C2 ROUTE - OFF ROW FACILITIES & ACCESS ROADS **ALASKA LNG** Sec-31 LAKE KALMBAC LALEN LAUKJE Sec-36 Sec-35 T018N **R002W SM** BAPTIST MATANUSKA-SUSITNA BOROUGH RATLROAD Sec-6 LAUKE Sec-3 T017N Sec-2 Sec-4 R001W SM PITTMAN COATING & DJ YARD ANCHORAGE WATERSHED PITTMAN Alaska Railroad *+++ Parks Highway 48 47 Sec-8 Sec-10 Sec-11 T017N BLODGETT R002W SM ILAUKIE Sec-7 Sec-12 CORCORAN LAUKE WALLACE 50 LAUKE LUCILE CREEK Sec=14 Sec-15 Sec-16 ALASKA LNG PROJECT DISCLAIMER Wetland Mapping Extent EXISTING FEATURES PIPELINE Mainline Rev C2 Route Off ROW Facilities & Access Roads Alaska LNG Rev C2 Route Existing Roads Construction ROW Watershed Boundary The information contained herein is for informational or planning purposes only, It does not nor should it be deemed ATWS MATANUSKA-SUSITNA DRAWN BY: AGDC BOROUGH: Off Road Trails to be an offer, request or proposals for rights or occupation of Double Joint Coating Yard CHECKED BY: STATE: any kind. The Alaska LNG Project Participants and their ▲ Buried Cable respective officers, employees and agents, make no warranty, REV. NO.: REVISION DATE Overhead Powerline implied or otherwise, nor accept any liability, as to the ISSUED FOR REVIEW Incorporated City Boundary accuracy or completeness of the information contained in these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. Alaska DOT Place Names **PRELIMINARY** Section Township 1:24,000 Alaska LNG Project 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. DWG: RR2_APPENDIX_F4_ML_OFF_ROW_AERIAL_REV_C2_CL SHEET: 27









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

Resource Report 2, Appendix F4
Aerial Mapping

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

FAIRBANKS

DISCLAIMER

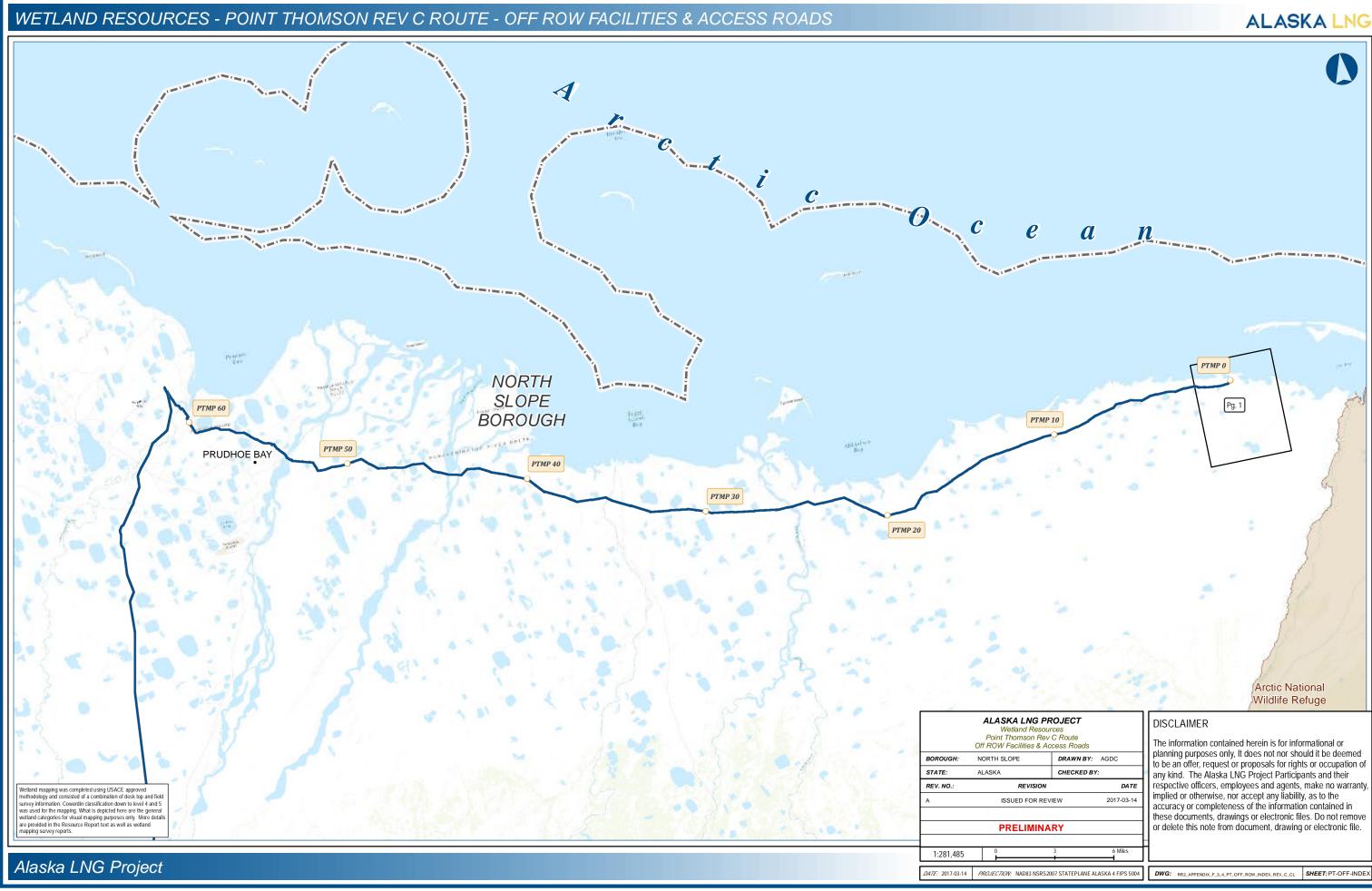
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Alaska LNG Project

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WETLAND RESOURCES - POINT THOMSON REV C ROUTE - OFF ROW FACILITIES & ACCESS ROADS ALASKA LNG B E A U F O R TS E ASec-26 Sec-35 T009N **R023E UM** T010N R023E UM Sec-26 LAKE 17 BOROUGH Sec-34 Sec-27 WATERSHED Sec-28 Sec-16 Sec-21 Sec-33 ALASKA LNG PROJECT DISCLAIMER **PIPELINE EXISTING FEATURES** Wetland Mapping Extent Point Thomson Rev C Route Off ROW Facilities & Access Roads Point Thomson Transmission Line The information contained herein is for informational or planning purposes only, It does not nor should it be deemed Existing Roads Wetland Field Verification Location ■ Ice Pad Access Road - Revised Statute 2477 Trail Watershed Boundary NORTH SLOPE DRAWN BY: AGDC BOROUGH: to be an offer, request or proposals for rights or occupation of Off Road Trails STATE: CHECKED BY: Wetland Area (areas not colored are uplands) Meter Station any kind. The Alaska LNG Project Participants and their Existing Pipeline respective officers, employees and agents, make no warranty, Marine DATE REV. NO.: REVISION Permanent ROW implied or otherwise, nor accept any liability, as to the Section Open Water ISSUED FOR REVIEW Construction ROW accuracy or completeness of the information contained in PEM Township these documents, drawings or electronic files. Do not remove or delete this note from document, drawing or electronic file. PSS PSS **PRELIMINARY** 1:24,000 Alaska LNG Project 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. DATE: 2017-03-29 PROJECTION: NAD83 NSRS 2007 ALASKAZONE 4 FTUS 54392 DWG: RR2_APPENDIX_F4_PT_OFF_ROW_AERIAL_REV_C_CL SHEET: