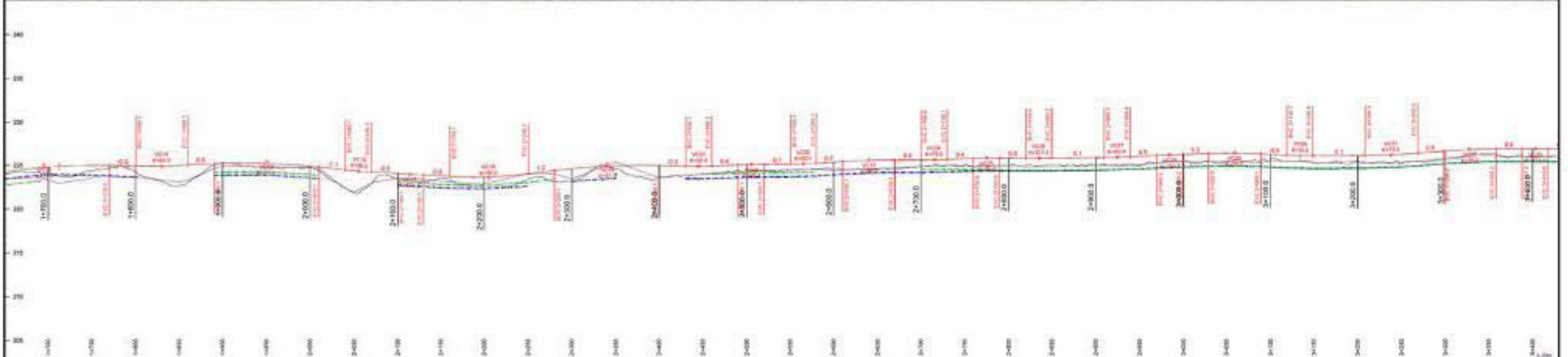
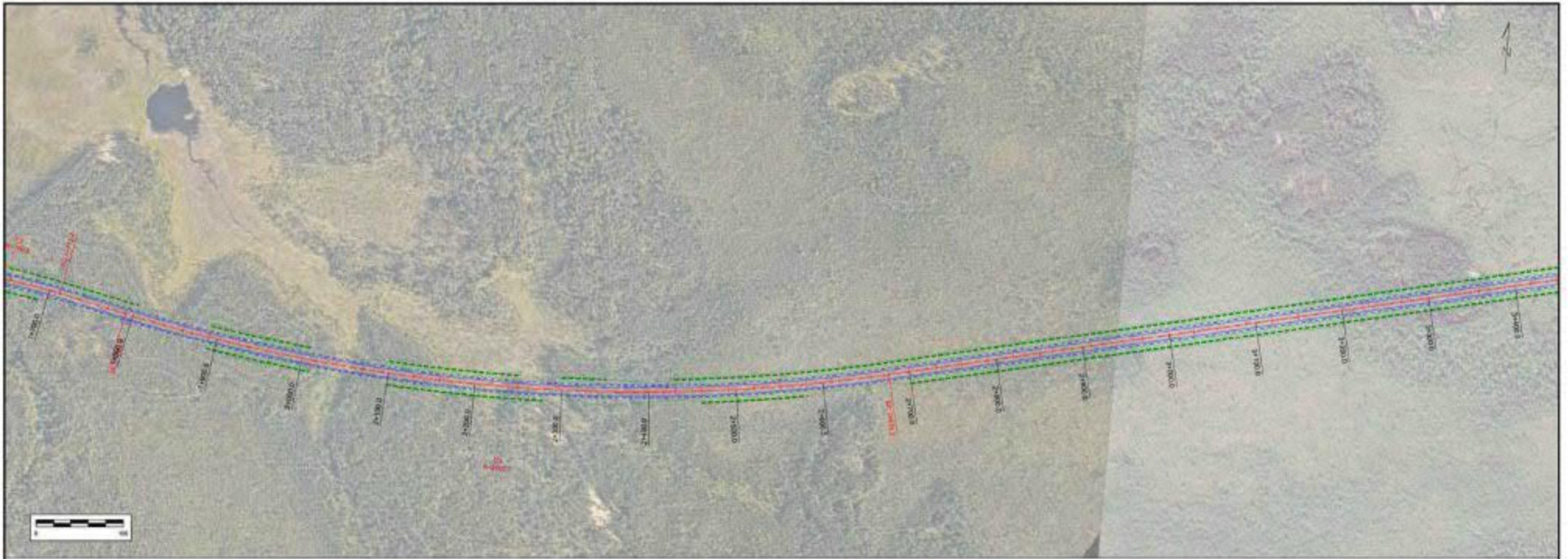
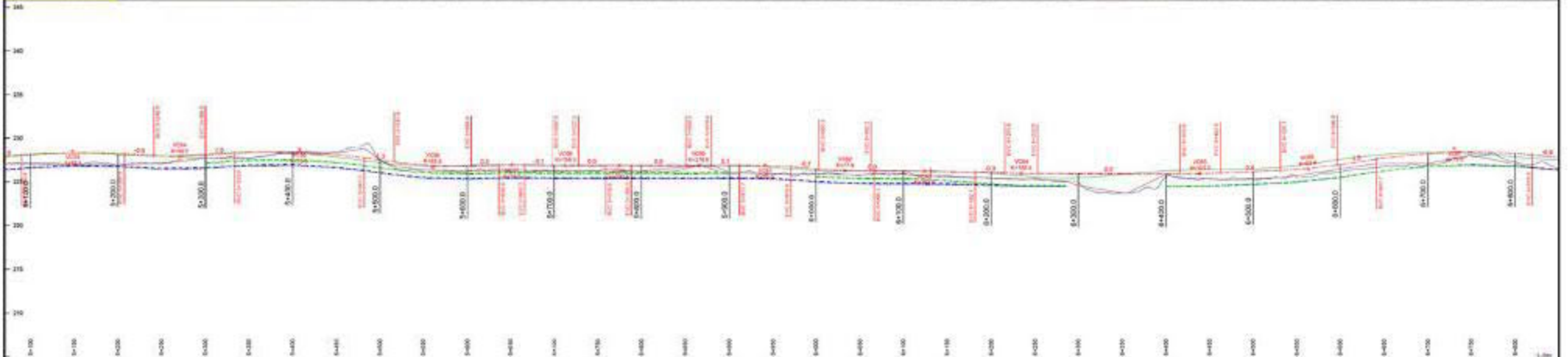
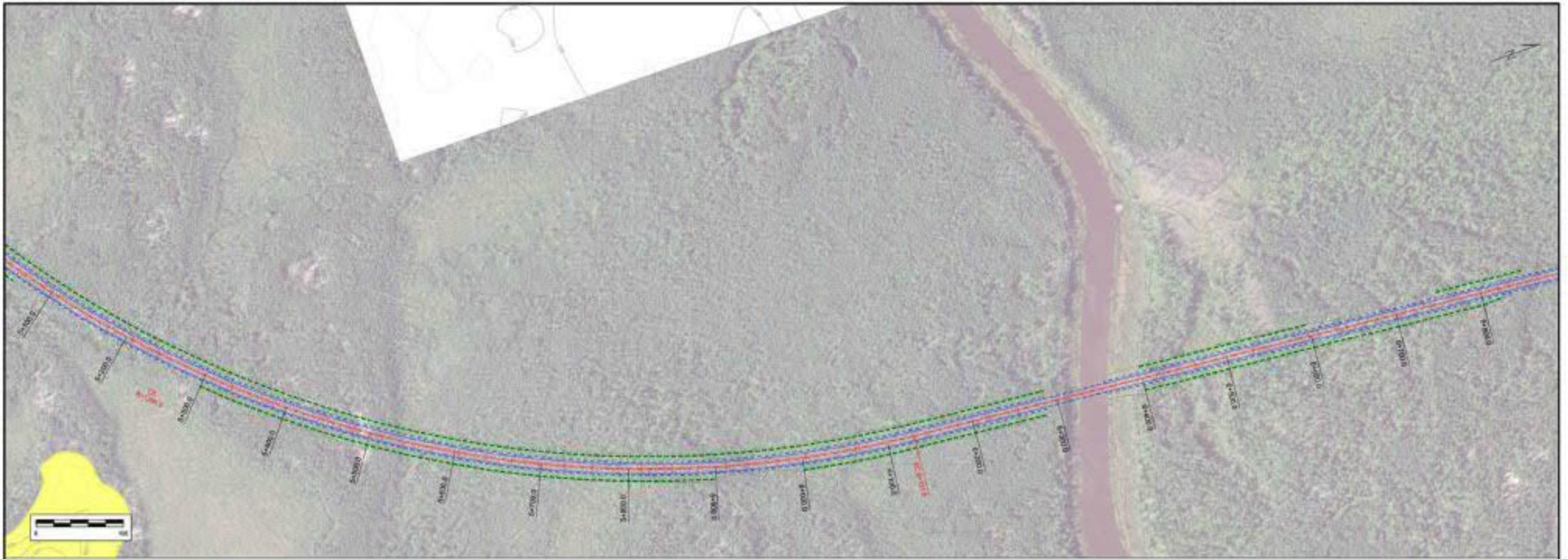


CHAPTER 3 APPENDICES

Appendix 3-1: Project Drawings

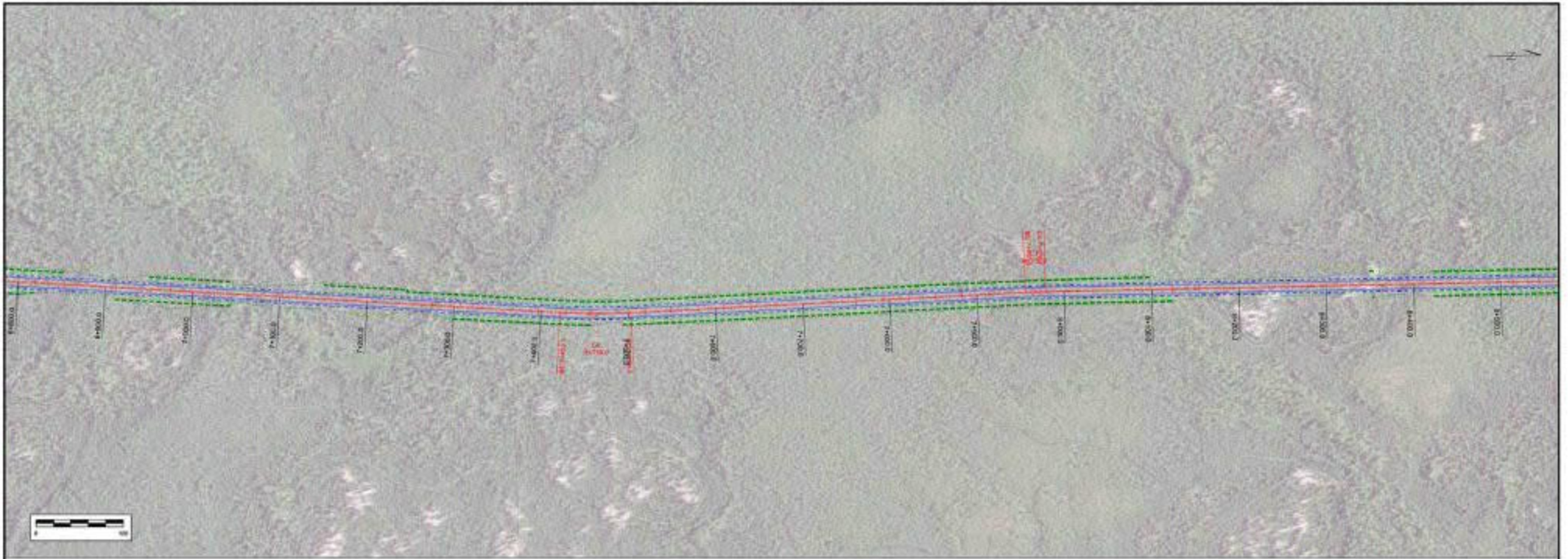


PLAN LEGEND			PROFILE LEGEND			PROPOSED GRADE		PROPOSED ROAD CROSS SECTION		DESIGN	
—	LINE OF ROAD	—	—	TOPOGRAPHY	—	—	—	—	TBD	TBD	EAST SIDE ROAD AUTHORITY PROJECT: BERENS RIVER TO POPLAR RIVER DESIGN
—	SLOPE CLASS	—	—	ROAD LEFT	—	—	—	—	—	—	
—	ROAD CROSS	—	—	ROAD RIGHT	—	—	—	—	—	—	DESIGN NO: P4 REGION: 01 SHEET: 0 DATE: 11/04/20

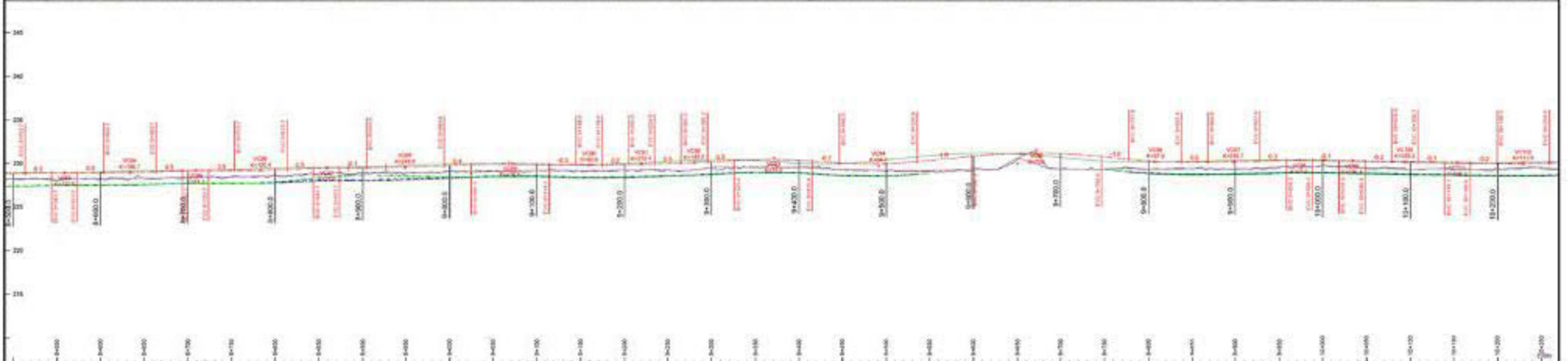
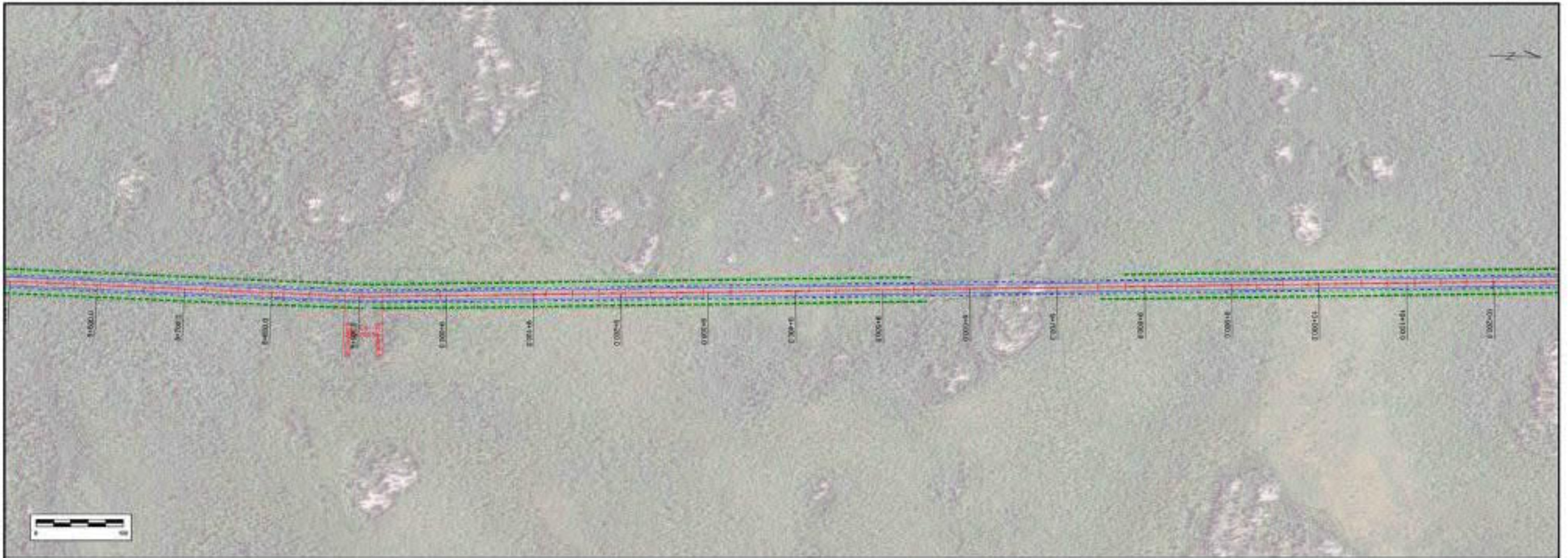


PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED ROAD		PROJECT INFORMATION	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	TBD	TBD	PROJECT INFORMATION		PROJECT INFORMATION	
—	SLOPE CLASS	—	TOP-LEFT	—	ATCH-ROCK RIGHT	PROPOSED ROAD	TBD	PROJECT INFORMATION		PROJECT INFORMATION	
—	ROAD CROSS	—	TOP-RIGHT	—	ATCH-ROCK LEFT	PROPOSED ROAD	TBD	PROJECT INFORMATION		PROJECT INFORMATION	
—	POTENTIAL QUARRY AREA	—	—	—	—	PROPOSED ROAD	TBD	PROJECT INFORMATION		PROJECT INFORMATION	

EAST SIDE ROAD AUTHORITY
 BERENS RIVER TO POPLAR RIVER
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PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		DESIGN	
--- LE OF ROAD	- - - - DITCH INSIDE	--- RECEIVE ALIGNMENT	--- TOPOGRAPHY	--- SUBGRADE	--- DITCH OUTSIDE RIGHT	TBD	TBD	EAST SIDE ROAD AUTHORITY	
--- SLOPE CLASS	- - - - DITCH OUTSIDE	--- PROPOSED ALIGNMENT	--- TOWNSHIP LEFT	--- DITCH INSIDE RIGHT	--- DITCH OUTSIDE LEFT	Profile from Station 7+000 to 8+500	Plan from 7+000 to 8+500	PROJECT: BERENS RIVER TO POPLAR RIVER	
--- ROAD CROSS	■ POTENTIAL QUARRY AREA	--- EXISTING ROAD CROSSING	--- TOWNSHIP RIGHT	--- DITCH INSIDE LEFT		DATE: 12/04/20	PAGE: 01	0	Page 5 of 56



PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED ROAD		PROPOSED ROAD		PROPOSED ROAD		PROPOSED ROAD		PROPOSED ROAD		PROPOSED ROAD	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT
—	GRADE	—	TOP	—	GRADE	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT
—	ROAD CROSS	—	POTENTIAL QUARRY AREA	—	RIVER CROSS CHANGED	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT	—	PROPOSED ROAD LEFT	—	PROPOSED ROAD RIGHT

EAST SIDE ROAD AUTHORITY

BERENS RIVER TO POPLAR RIVER

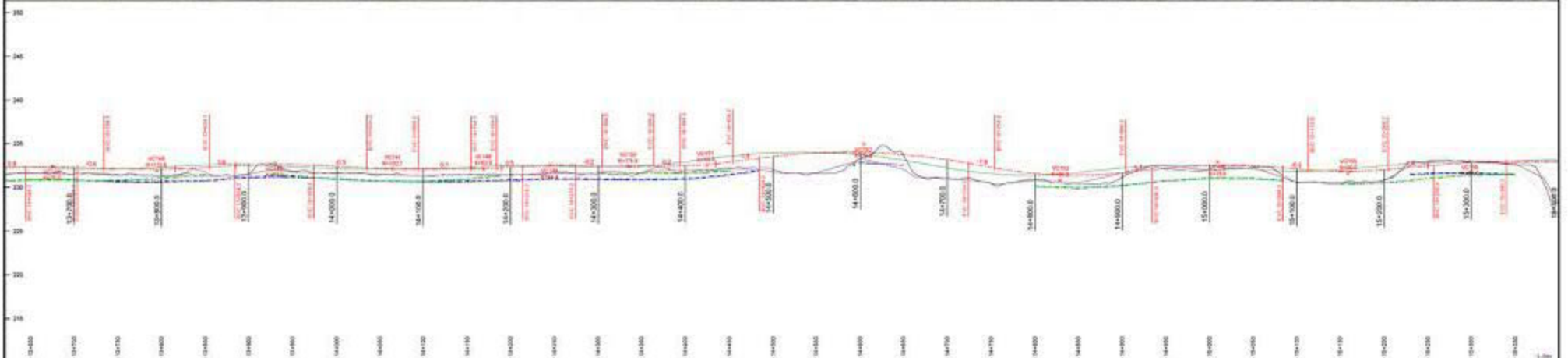
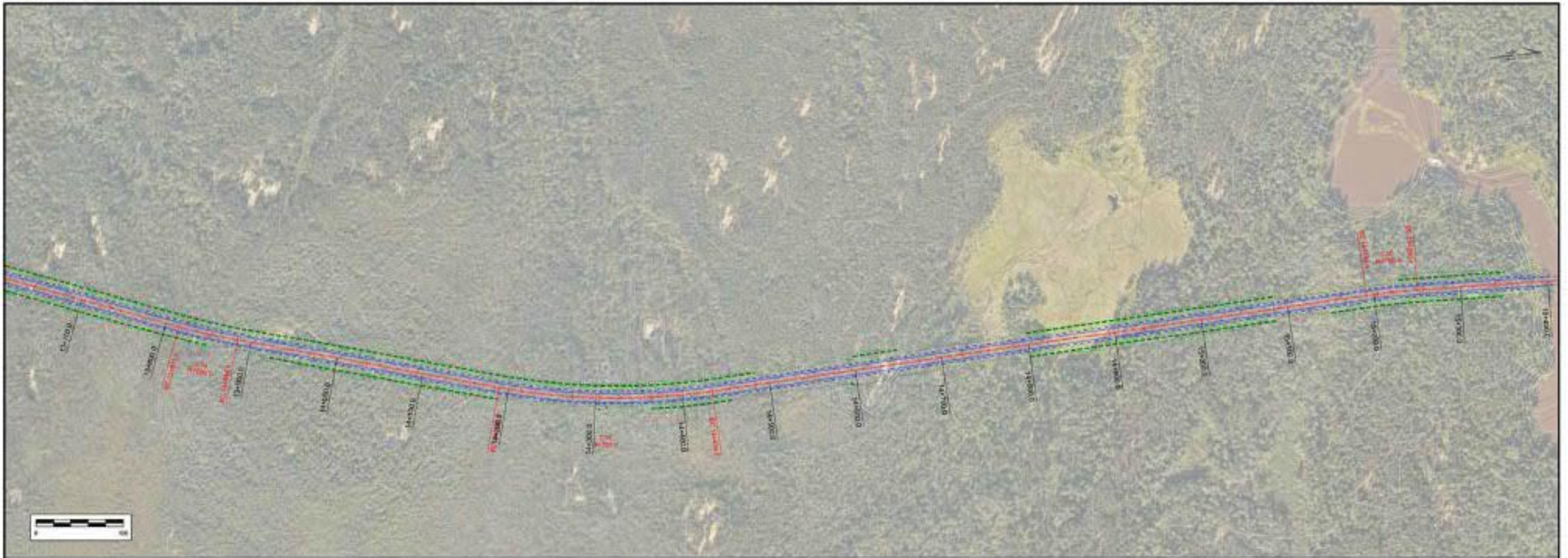
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PROJECT NO: 01

REVISION: 0

DATE: 11/04/20

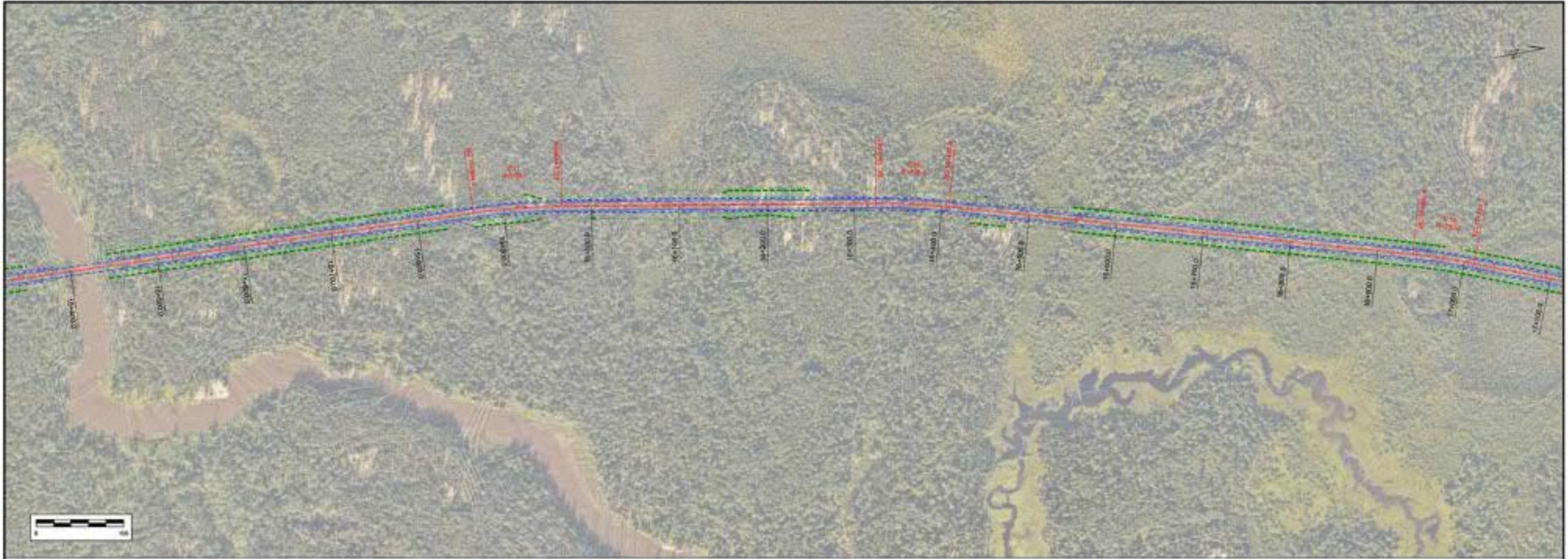
Page 6 of 56



PLAN LEGEND			PROFILE LEGEND		
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE
—	SLOPE CLASS	—	70% LEFT	—	DITCH INSIDE RIGHT
—	ROAD CROSS	—	70% RIGHT	—	DITCH OUTSIDE LEFT
—	POTENTIAL QUARRY AREA	—	PROPOSED ALIGNMENT	—	DITCH INSIDE LEFT
—	EXISTING DRAINAGE	—	DITCH INSIDE RIGHT	—	DITCH OUTSIDE RIGHT
—	EXISTING FLOOD CHANNEL	—	DITCH INSIDE LEFT	—	DITCH OUTSIDE LEFT

PROPOSED ROAD		DESIGNED FOR CIRCULAR CURVE		P4	01	0	DATE: 11/04/20
Profile from Station 1+000	Profile from Station 1+000	Plan from 1:2000					
DESIGNED BY: JRM	CHECKED BY: JRM	DATE: 11/04/20					
PROJECT NO: 15-0001	SECTION NO: 01	SHEET NO: 01					

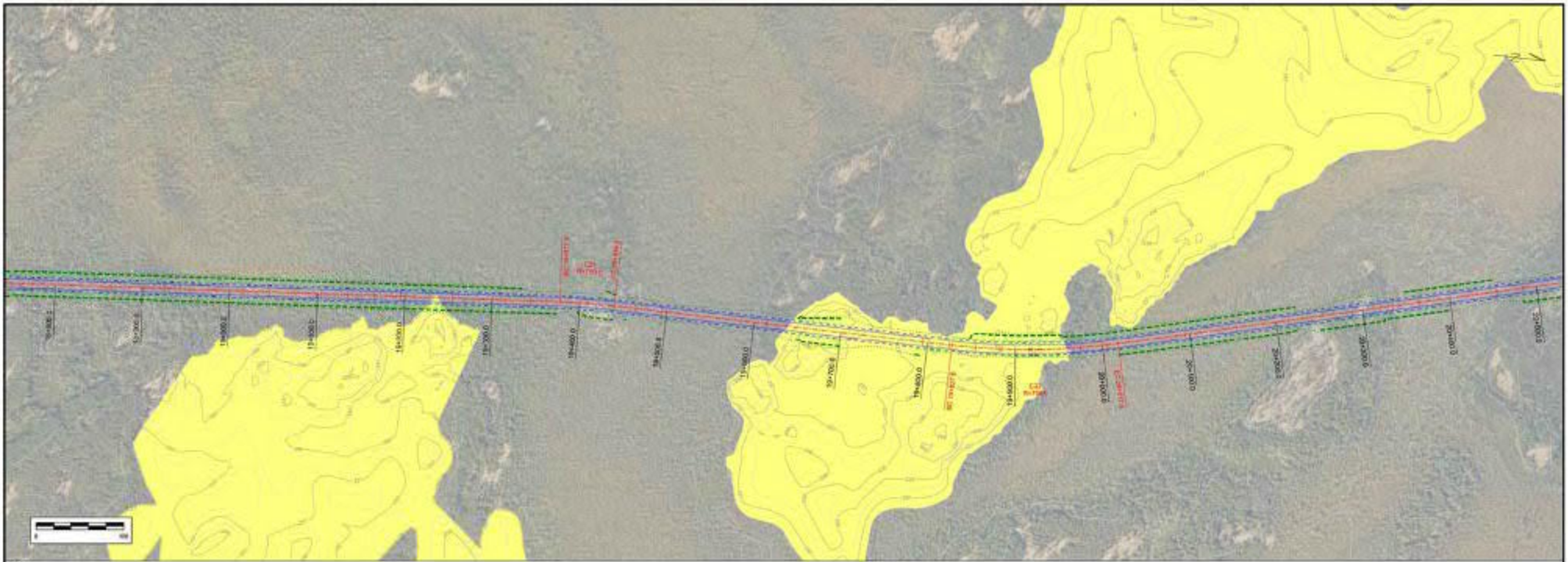
EAST SIDE ROAD AUTHORITY
 BERENS RIVER TO POPLAR RIVER
 DESIGN
 P4
 01
 0
 DATE: 11/04/20
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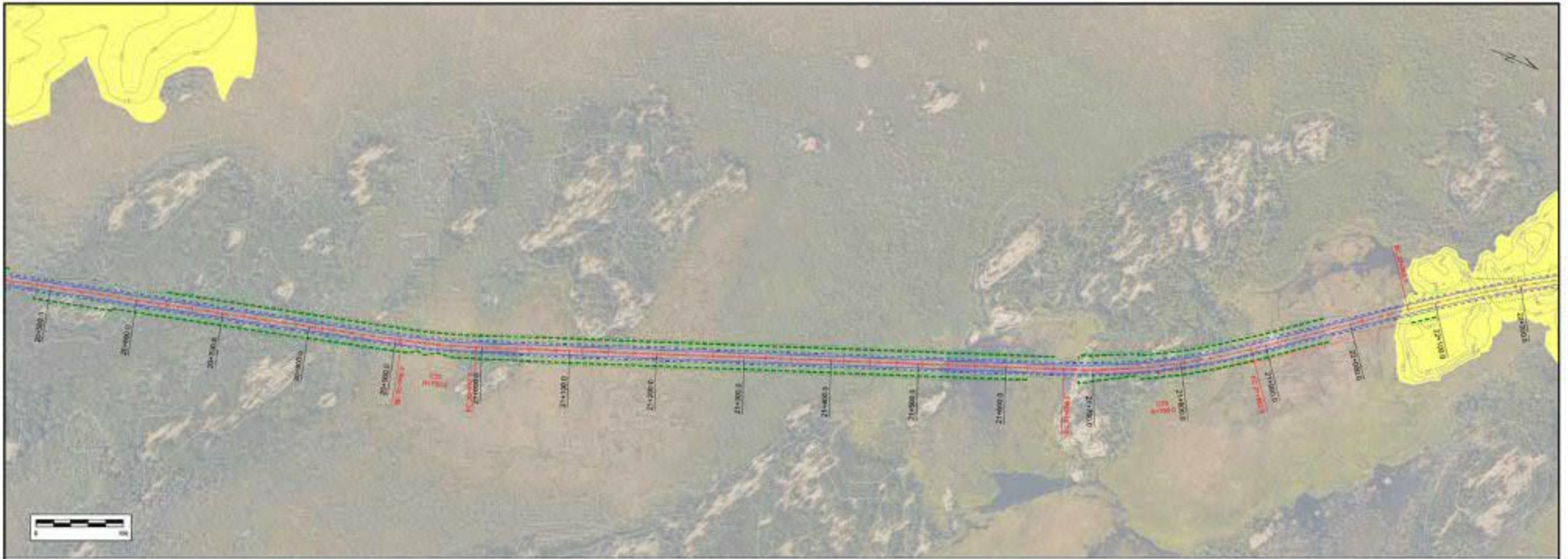
PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		DESIGNER'S INFORMATION		PROJECT	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	TBD	TBD	EAST SIDE ROAD AUTHORITY		PROJECT	
—	EDGE INSIDE	—	70% LEFT	—	EDGE OUTSIDE RIGHT	Profile from Station 1+000	TBD	BERENS RIVER TO POPLAR RIVER		DESIGN	
—	EDGE OUTSIDE	—	70% RIGHT	—	EDGE OUTSIDE LEFT	Profile from Station 1+000	TBD	DESIGN		DATE: 11/04/20	
—	POTENTIAL QUARRY AREA	—	—	—	—	Profile from Station 1+000	TBD	DESIGN		Page 10 of 55	
—	PROPOSED ALIGNMENT	—	—	—	—	Profile from Station 1+000	TBD	DESIGN		Page 10 of 55	
—	EXISTING ROAD CENTERLINE	—	—	—	—	Profile from Station 1+000	TBD	DESIGN		Page 10 of 55	



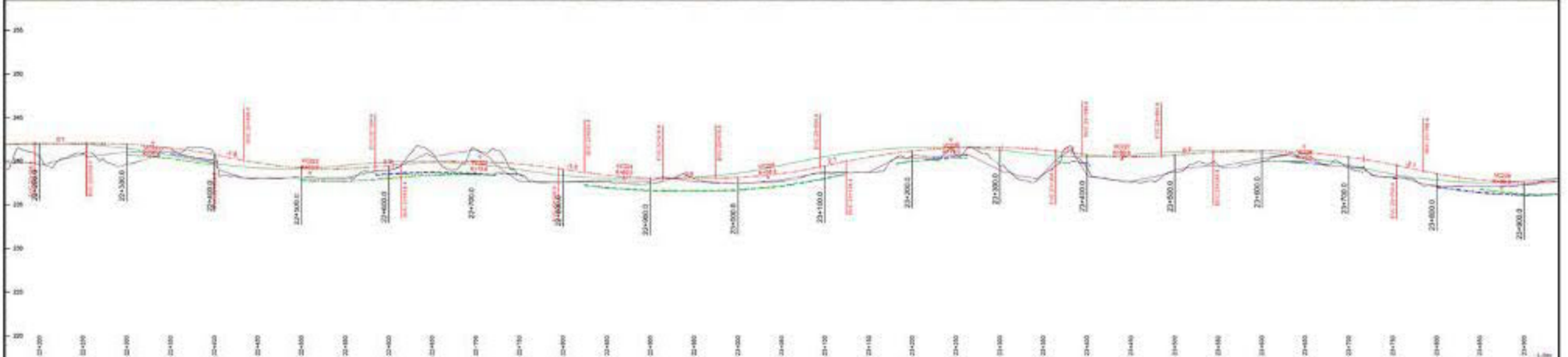
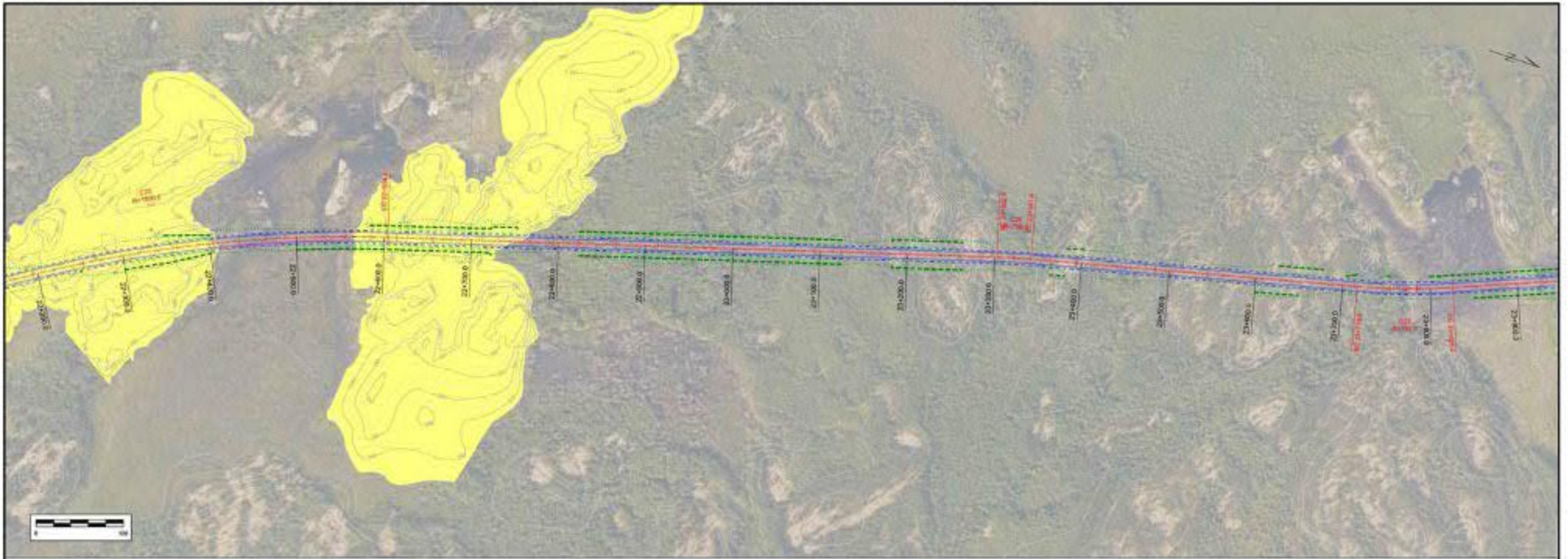
PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD DATA		DESIGN DATA	
—	—	—	—	—	—	PROPOSED ROAD DATA	DESIGN DATA	EAST SIDE ROAD AUTHORITY BERENS RIVER TO POPLAR RIVER DESIGN REGION: 01 SHEET: 0 DATE: 12/04/23 Page 11 of 55	
—	—	—	—	—	—	PROPOSED ROAD DATA	DESIGN DATA		



PLAN LEGEND			PROFILE LEGEND			PROPOSED GRADE		PROPOSED FOR CONSTRUCTION IN		DESIGN	
--- LE OF ROAD	- - - - - DITCH INSIDE	--- RECEIVE MEASUREMENT	--- TOPOGRAPHY	--- SUBGRADE	--- DITCH OUTSIDE RIGHT	TBD		TBD		EAST SIDE ROAD AUTHORITY PROJECT: BERENS RIVER TO POPLAR RIVER DESIGN SHEET: P4 REGION: 01 DIVISION: 0 DATE: 11/04/23 Page 12 of 55	
--- SLOPE GRASS	- - - - - DITCH OUTSIDE	--- PROPOSED ALIGNMENT	--- TOP-LEFT	--- PATCH INSIDE RIGHT	--- DITCH OUTSIDE LEFT	PROFILE FROM EXISTING (ft) TBD PROFILE FROM TOP OF CURB (ft) TBD PLAN SCALE: 1"=50' PLAN DATE: 1, 2008		DESIGNER: JIM CHECKER: JIM DATE: 11/04/23			
--- ROAD CROSS	■ POTENTIAL QUARRY FIELDS	--- EXISTING PAVED CHANNELS	--- TOP-RIGHT	--- PATCH INSIDE LEFT							

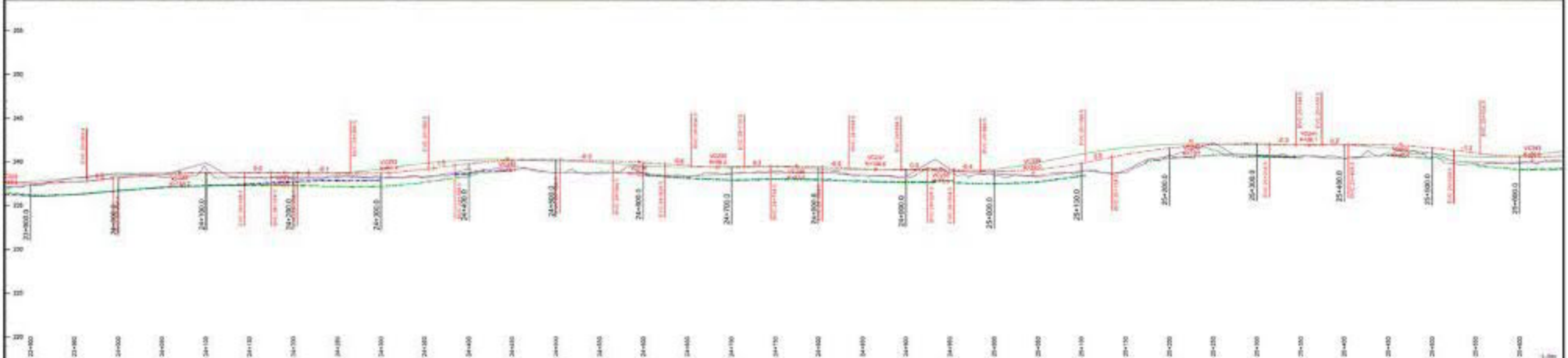


PLAN LEGEND			PROFILE LEGEND			PROPOSED GRADE		TBD		TBD		EAST SIDE ROAD AUTHORITY	
—	—	—	—	—	—	—	—	—	—	—	—	PROJECT	BERENS RIVER TO POPLAR RIVER
—	—	—	—	—	—	—	—	—	—	—	—	DESIGN	DESIGN
—	—	—	—	—	—	—	—	—	—	—	—	SECTION NO.	01
—	—	—	—	—	—	—	—	—	—	—	—	REVISION	0
—	—	—	—	—	—	—	—	—	—	—	—	DATE	11/04/20
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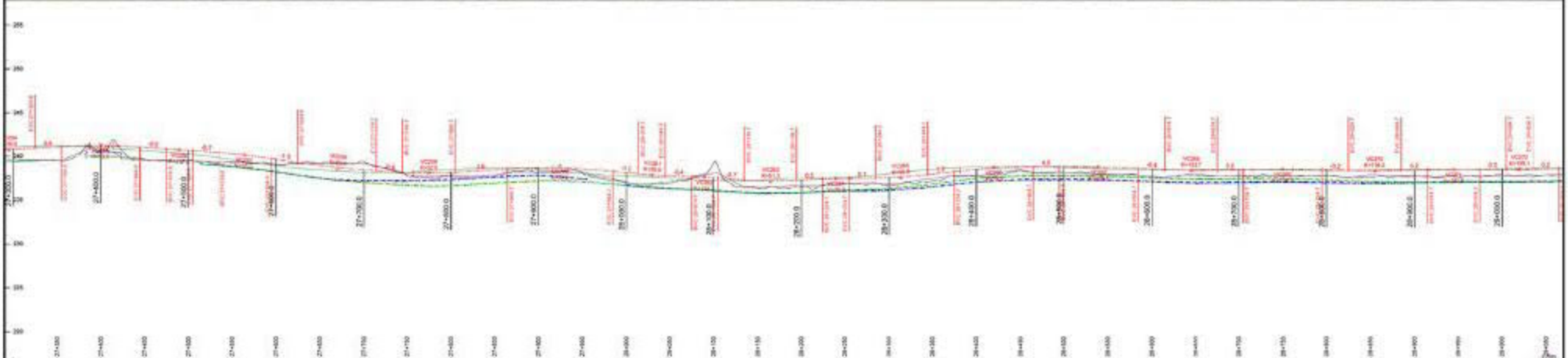
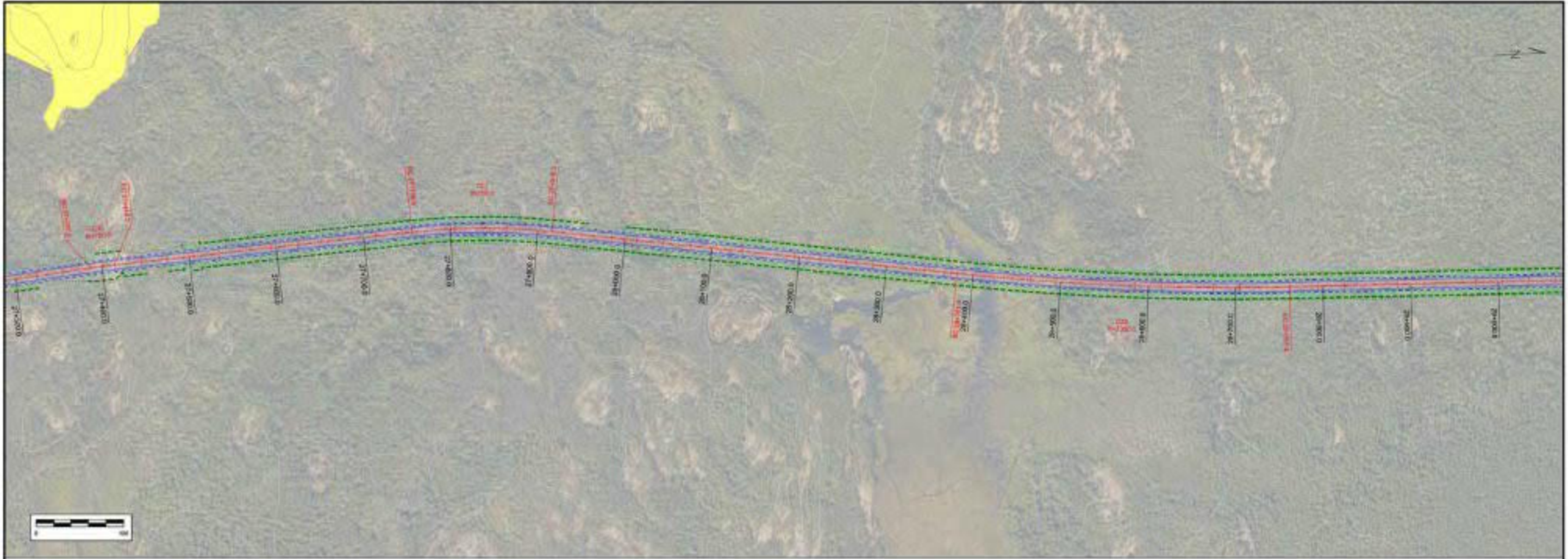
PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED ROAD CROSS SECTION		PROJECT INFORMATION	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	—	PROPOSED ROAD	—	PROPOSED ROAD	—	PROJECT INFORMATION
—	SLOPE CLASS	—	70% LEFT	—	ATCH ROAD RIGHT	—	PROPOSED ROAD	—	PROPOSED ROAD	—	PROJECT INFORMATION
—	ROAD CROSS	—	70% RIGHT	—	ATCH ROAD LEFT	—	PROPOSED ROAD	—	PROPOSED ROAD	—	PROJECT INFORMATION
—	POTENTIAL QUARRY SITES	—	EXISTING ROAD CROSSING	—	ATCH ROAD RIGHT	—	PROPOSED ROAD	—	PROPOSED ROAD	—	PROJECT INFORMATION
—	ATCH ROAD	—	ATCH ROAD RIGHT	—	ATCH ROAD LEFT	—	PROPOSED ROAD	—	PROPOSED ROAD	—	PROJECT INFORMATION

EAST SIDE ROAD AUTHORITY
 BERENS RIVER TO POPLAR RIVER
 DESIGN
 P4
 01
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 DATE: 11/04/23
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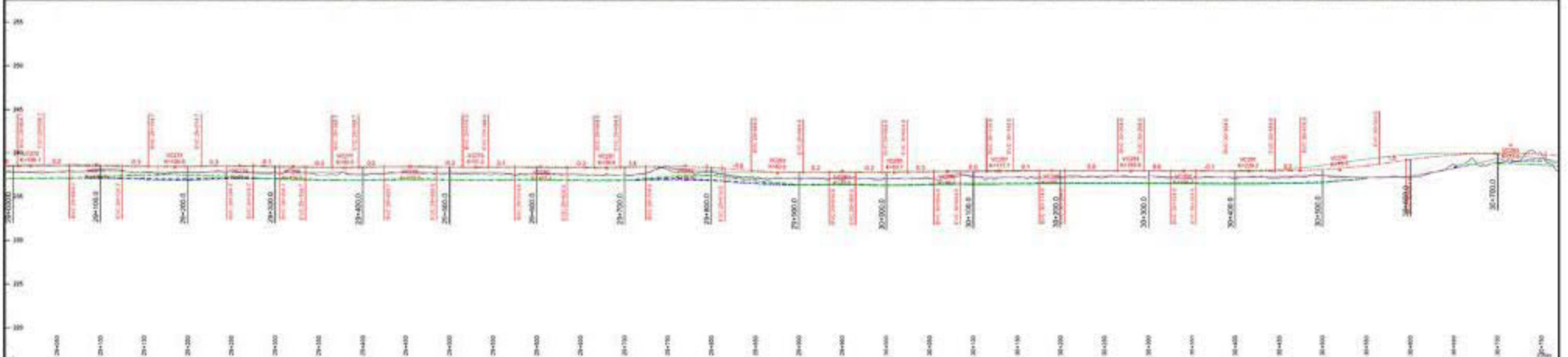
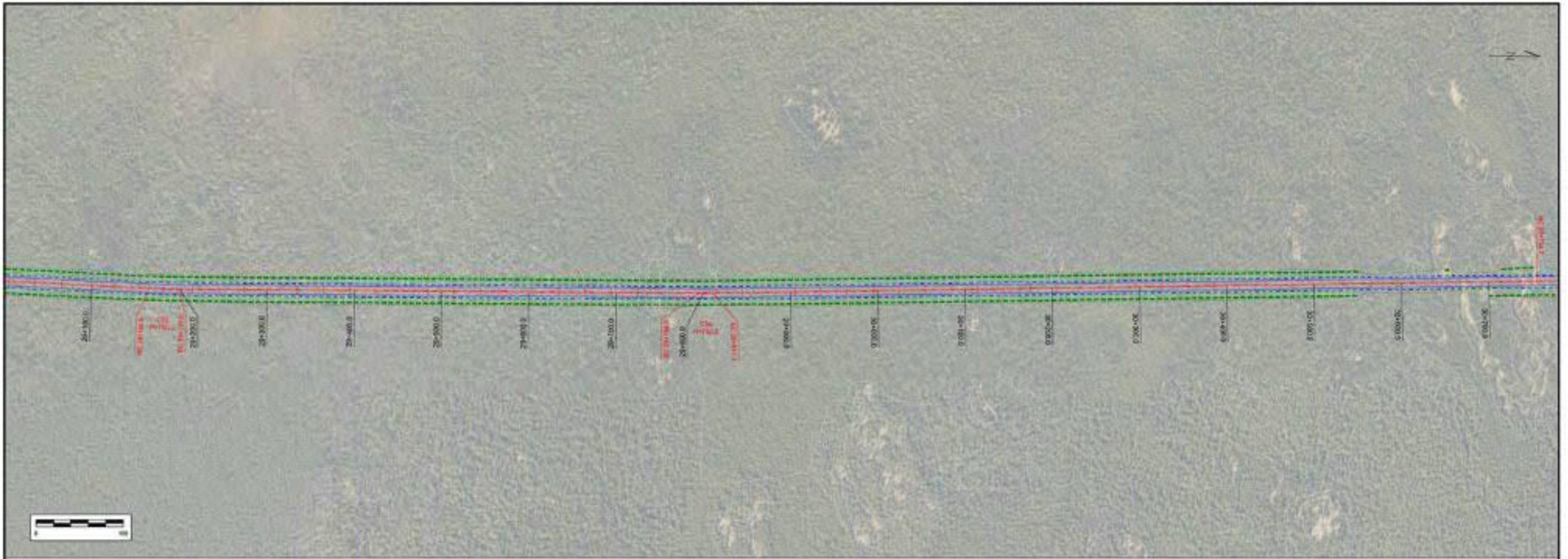


PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED PAVEMENT		FINISH		EARTHWORK		TBD		TBD		TBD	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

EAST SIDE ROAD AUTHORITY
 PROJECT: BERENS RIVER TO POPLAR RIVER
 DESIGN
 SHEET: P4
 REGION: 01
 DATE: 11/04/23
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PLAN LEGEND		PROFILE LEGEND				PROPOSED ROAD		TBD		TBD		EAST SIDE ROAD AUTHORITY	
--- LE OF ROAD	- - - - DITCH INSIDE	--- TOPOGRAPHY	--- SUBGRADE	--- DITCH OUTSIDE RIGHT	PROPOSED ROAD	TBD	TBD	PROJECT: BERENS RIVER TO POPLAR RIVER		DESIGN		DATE: 11/04/23	
--- SLOPE EASES	- - - - DITCH OUTSIDE	--- 70% LEFT	--- DITCH INSIDE RIGHT	--- DITCH OUTSIDE LEFT	PROPOSED ALIGNMENT	PROPOSED ROAD	PROPOSED ROAD	SHEET: P4		REVISION: 0	DATE: 11/04/23	Page 17 of 56	
--- ROAD CROSS	■ POTENTIAL QUARRY SITES	--- 70% RIGHT	--- DITCH INSIDE LEFT		--- EXISTING ALIGNMENT	--- EXISTING ROAD	--- EXISTING ROAD	SHEET: 01		REVISION: 0	DATE: 11/04/23	Page 17 of 56	



PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED ROAD CONSTRUCTION		PROJECT INFORMATION	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	—	DRY CREEK RIGHT	—	DRY CREEK LEFT	—	DRY CREEK
—	ROAD CROSS	—	70% LEFT	—	70% RIGHT	—	DRY CREEK RIGHT	—	DRY CREEK LEFT	—	DRY CREEK
—	POTENTIAL QUARRY AREA	—	PROPOSED ALIGNMENT	—	DRY CREEK RIGHT	—	DRY CREEK RIGHT	—	DRY CREEK LEFT	—	DRY CREEK
—	EXISTING ROAD	—	EXISTING ROAD	—	EXISTING ROAD	—	EXISTING ROAD	—	EXISTING ROAD	—	EXISTING ROAD

EAST SIDE ROAD AUTHORITY

BERENS RIVER TO POPLAR RIVER

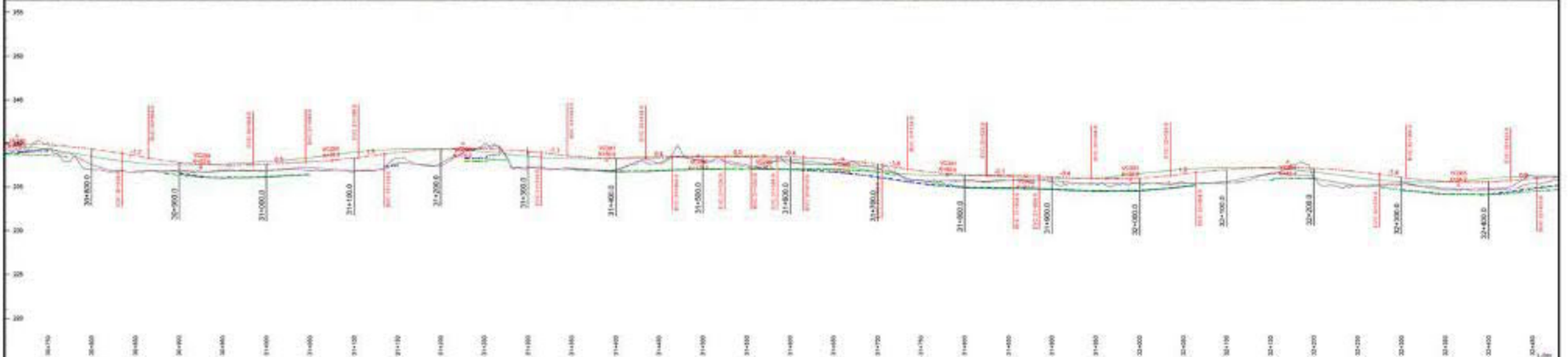
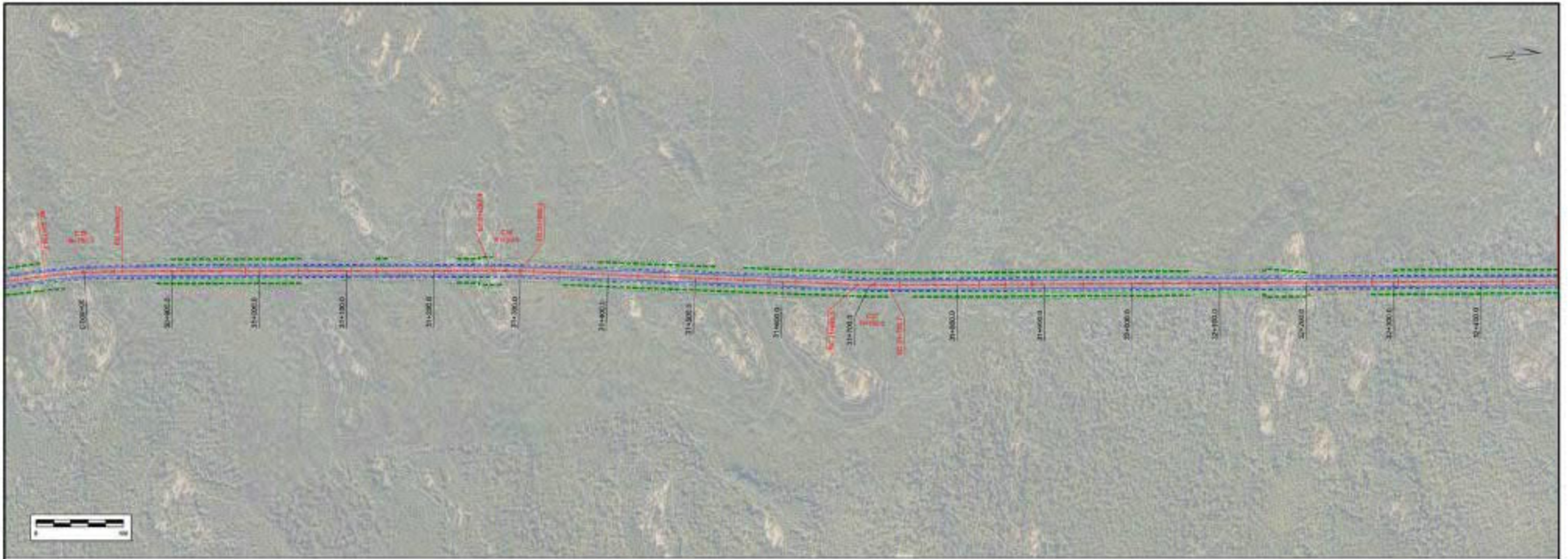
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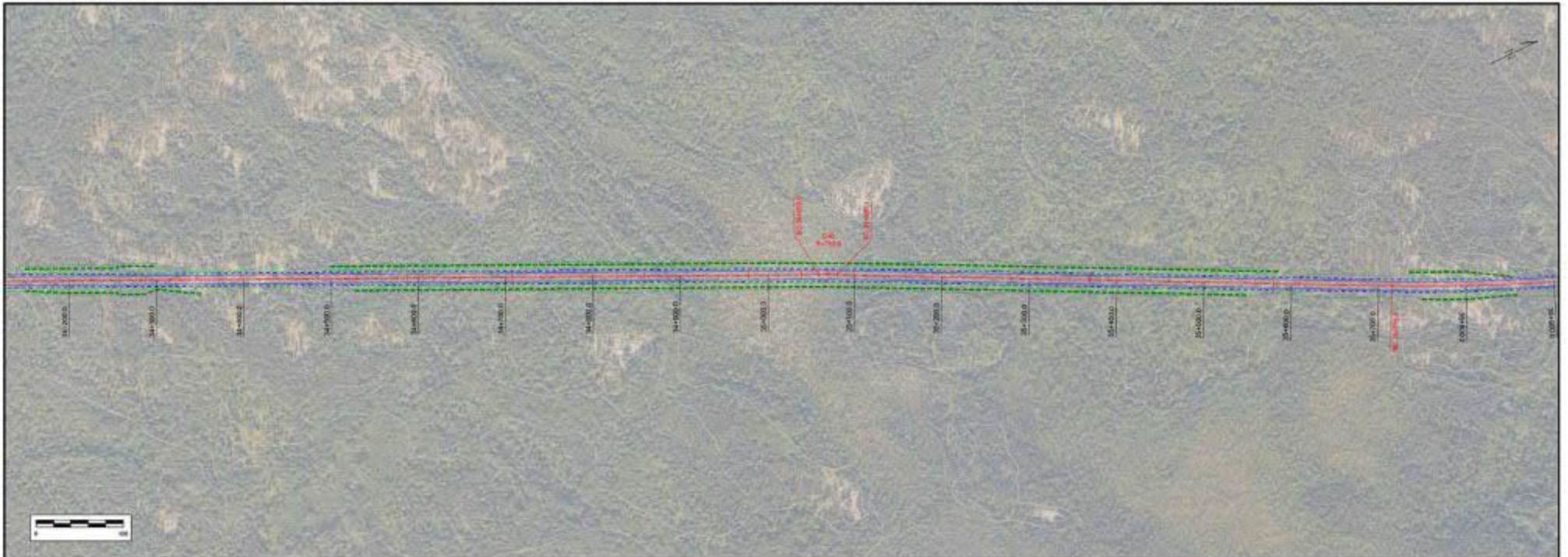
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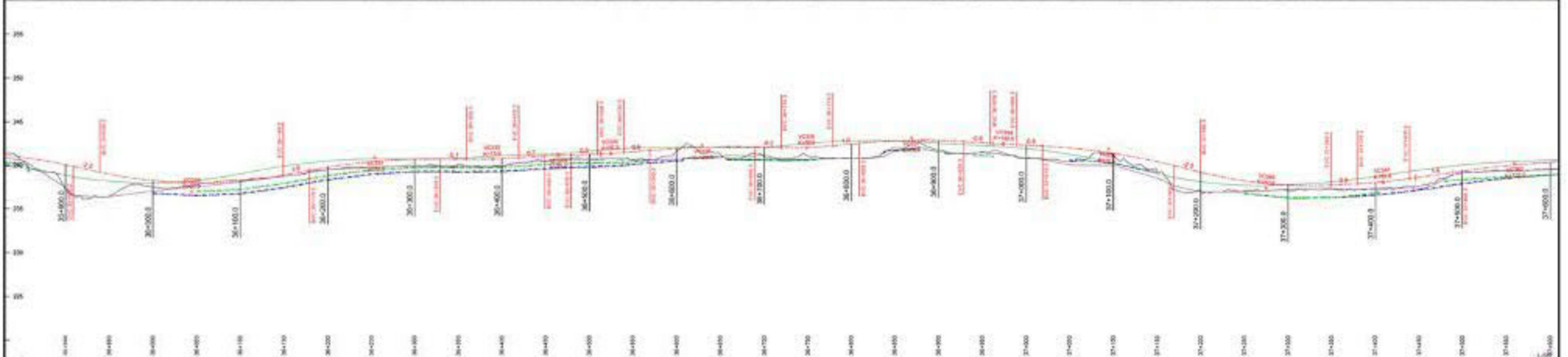
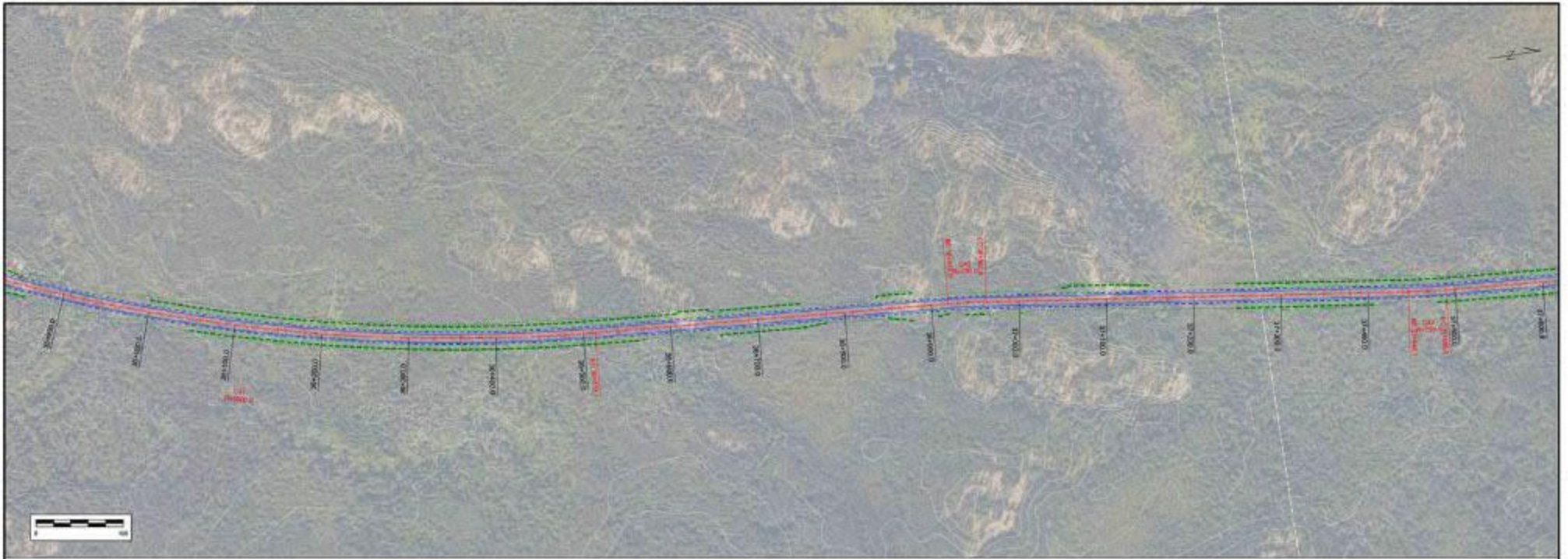


PLAN LEGEND				PROFILE LEGEND				PROPOSED GRADE		PROPOSED ROAD CROSS SECTION		PROJECT INFORMATION	
—	LINE OF ROAD	—	DITCH INSIDE	—	TOPOGRAPHY	—	SUBGRADE	---	DITCH OUTSIDE RIGHT	TBD	TBD	EAST SIDE ROAD AUTHORITY	
—	SLOPE CLASS	—	DITCH OUTSIDE	—	ROAD LEFT	—	DITCH INSIDE RIGHT	---	DITCH OUTSIDE LEFT	Profile from Station 2+000 to Profile from Station 2+400		BERENS RIVER TO POPLAR RIVER	
—	ROAD CROSS	■	POTENTIAL QUARRY AREA	—	ROAD RIGHT	—	DITCH INSIDE LEFT	---	DITCH INSIDE RIGHT	P4		DESIGN	
		—	PROPOSED ALIGNMENT							01		0	
		—	EXISTING ROAD CENTERLINE							DATE: 11/04/23		Page 19 of 55	

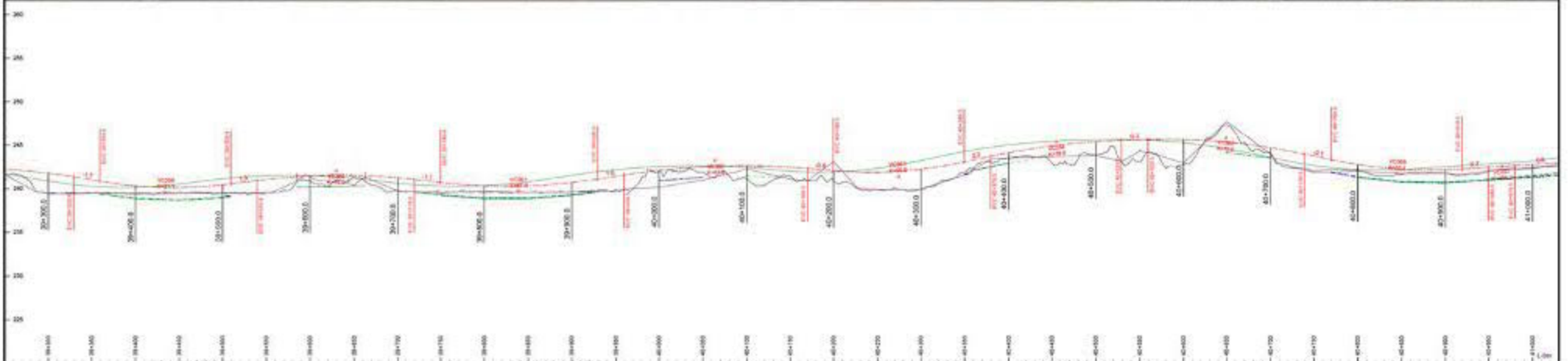
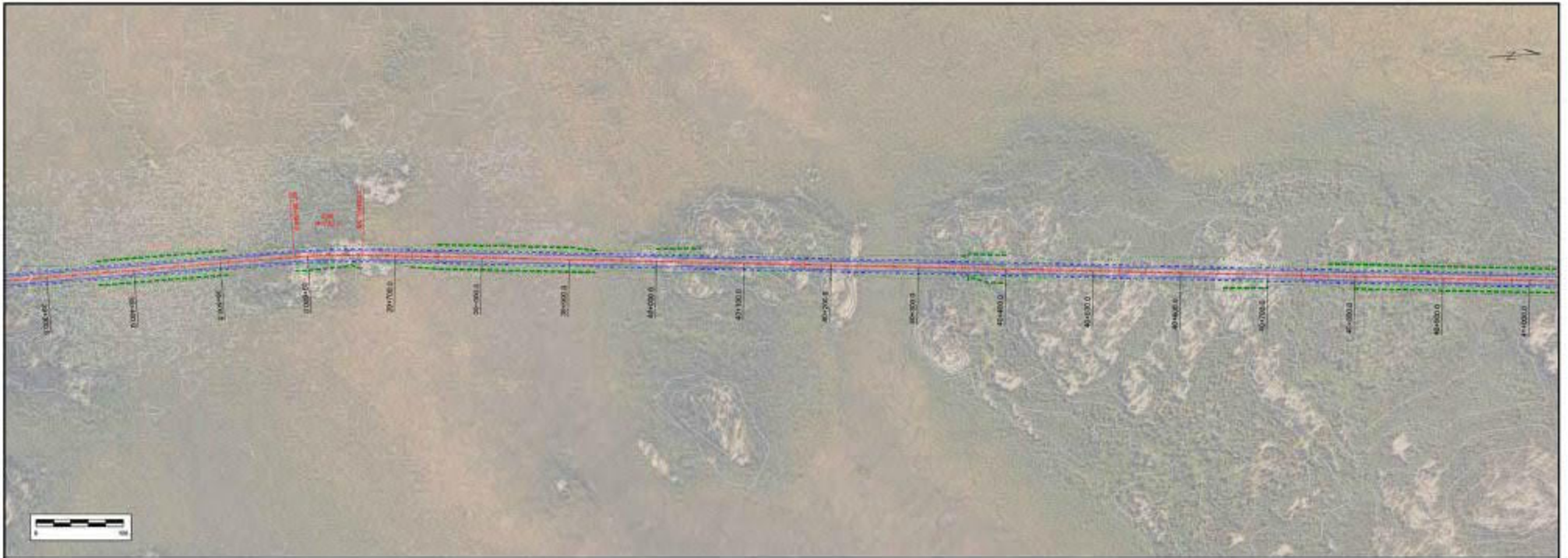


PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		TBD		TBD		EAST SIDE ROAD AUTHORITY	
—	LINE OF ROAD	—	TOPOGRAPHY	—	SUBGRADE	—	DITCH OUTSIDE RIGHT	—	DITCH OUTSIDE LEFT	—	DITCH INSIDE RIGHT	—	DITCH INSIDE LEFT
—	SLOPE CLASS	—	70% LEFT	—	70% RIGHT	—	POTENTIAL QUARRY AREA	—	PROPOSED ALIGNMENT	—	ADJACENT ROAD	—	ADJACENT ROAD
—	ROAD CROSS	—	ADJACENT ROAD	—	ADJACENT ROAD	—	ADJACENT ROAD	—	ADJACENT ROAD	—	ADJACENT ROAD	—	ADJACENT ROAD

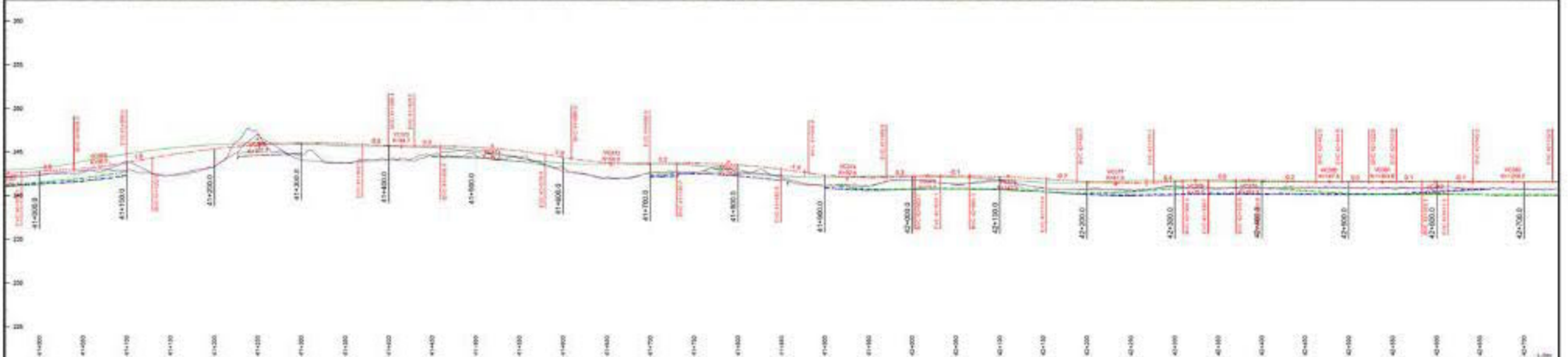
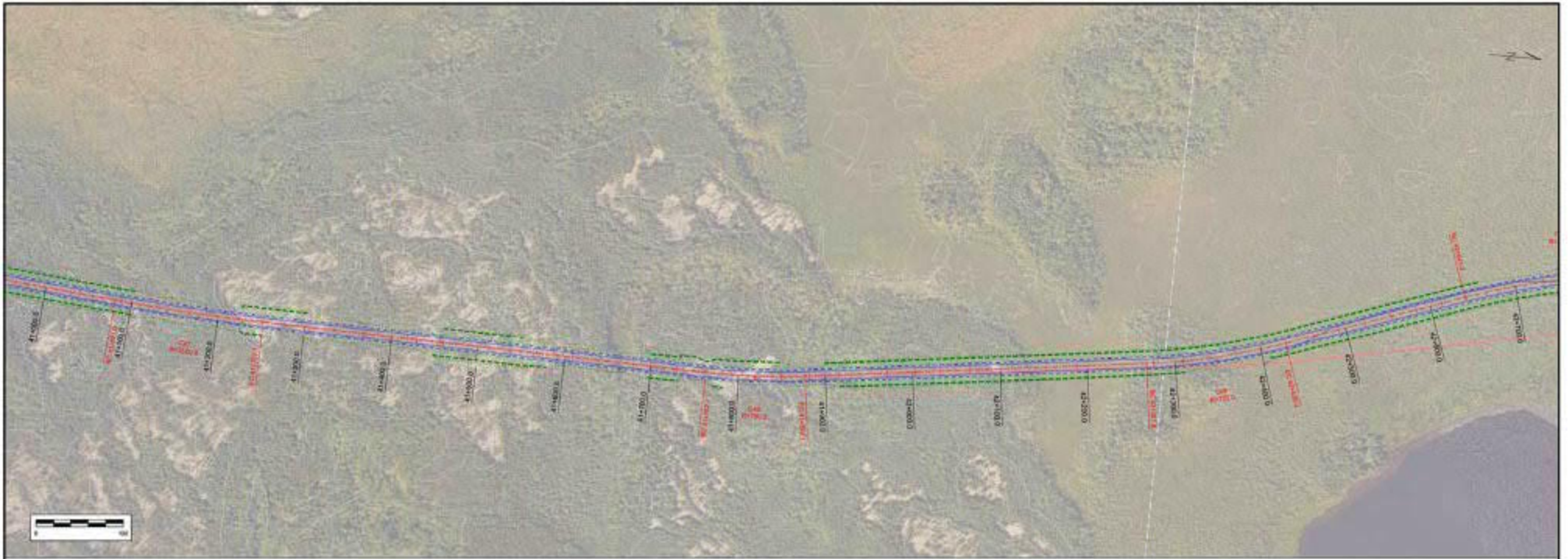
EAST SIDE ROAD AUTHORITY
 PROJECT: BERENS RIVER TO POPLAR RIVER
 DESIGN
 SHEET: P4
 REGION: 01
 0
 DATE: 11/04/23
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PLAN LEGEND			PROFILE LEGEND			TBD		TBD		EAST SIDE ROAD AUTHORITY	
--- LT. OF ROAD	--- DITCH INSIDE	--- RESERVE ALIGNMENT	--- TOPOGRAPHY	--- SUBGRADE	--- DITCH OUTSIDE RIGHT	TBD		TBD		BERENS RIVER TO POPLAR RIVER	
--- SLOPE CLASS	--- DITCH OUTSIDE	--- PROPOSED ALIGNMENT	--- TOWP LEFT	--- DITCH INSIDE RIGHT	--- DITCH OUTSIDE LEFT	TBD		P4		DESIGN	
--- ROAD CROSS	--- POTENTIAL QUARRY SITES	--- EXISTING FRESH CHANNEL	--- TOWP RIGHT	--- DITCH INSIDE LEFT		TBD		01		DATE: 11/04/20	



PLAN LEGEND			PROFILE LEGEND			PROPOSED GRADE		TBD		TBD		EAST SIDE ROAD AUTHORITY	
—	—	—	—	—	—	—	—	—	—	—	—	PROJECT	BERENS RIVER TO POPLAR RIVER
—	—	—	—	—	—	—	—	—	—	—	—	DESIGN	
—	—	—	—	—	—	—	—	—	—	—	—	REVISION	01
—	—	—	—	—	—	—	—	—	—	—	—	DATE	11/04/23
—	—	—	—	—	—	—	—	—	—	—	—	Page	24 of 55



PLAN LEGEND			PROFILE LEGEND			PROPOSED ROAD		PROPOSED ROAD ADJUSTMENT		OTHER	
—	Centerline	Centerline	—	Topography	—	Subgrade	—	Drain Outside Right	TBD	TBD	
—	Slope Class	—	—	70% Left	—	Drain Inside Right	—	Drain Outside Left			
—	Road Edge	—	—	70% Right	—	Drain Inside Left	—	Drain Outside Right			
—	Potential Quarry Area	—	—	Water Pipe Channel	—	Water Pipe Channel	—	Water Pipe Channel			
—	Proposed Alignment	—	—	Proposed Alignment	—	Proposed Alignment	—	Proposed Alignment			

EAST SIDE ROAD AUTHORITY
 BERENS RIVER TO POPLAR RIVER
 DESIGN

PROJECT NO: 01
 REGION: 0
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