

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION

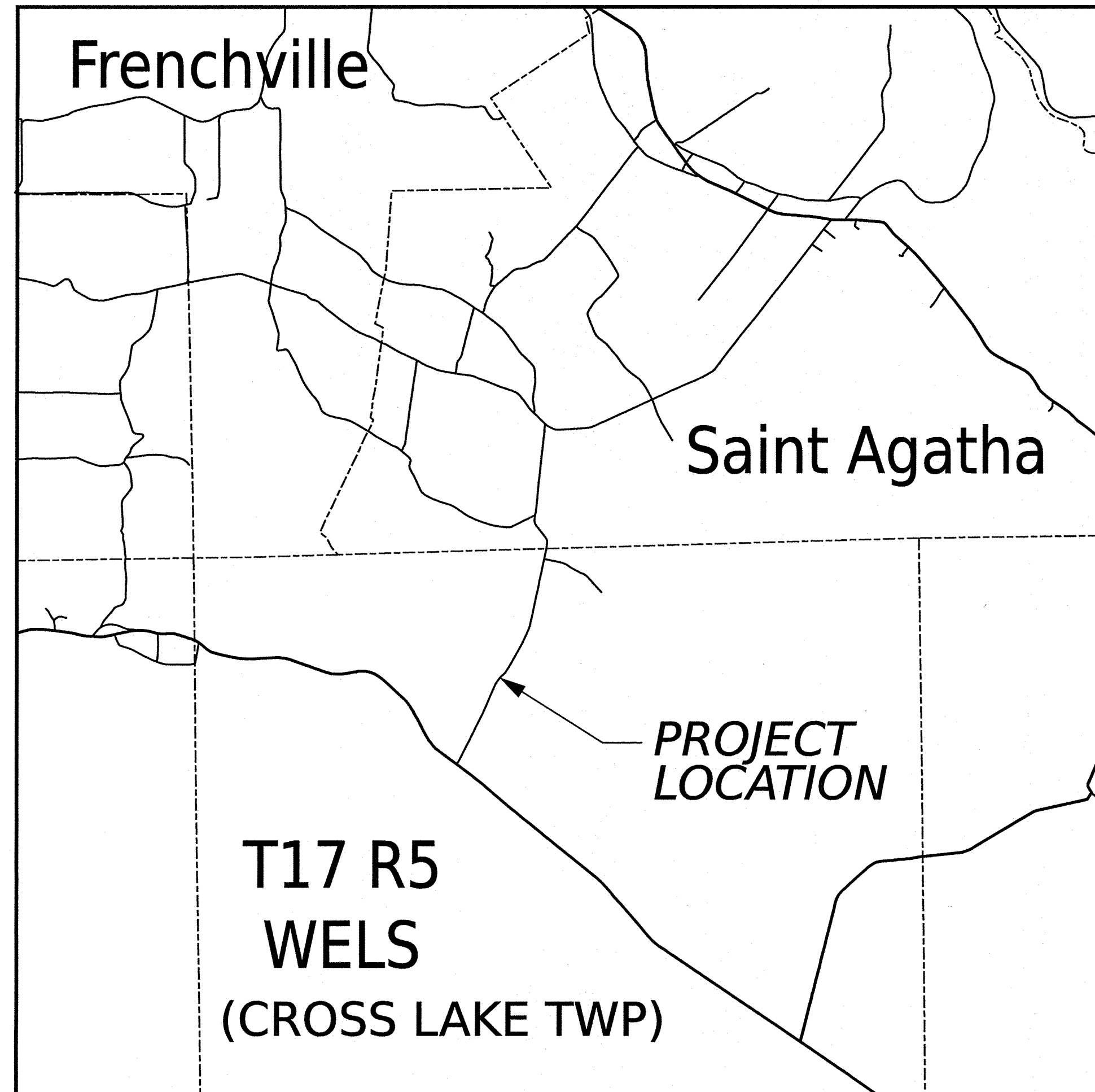


## CROSS LAKE TOWNSHIP AROOSTOOK COUNTY OUELLETTE ROAD FEDERAL PROJECT NUMBER 2827000 SULLIMOND BROOK BRIDGE BRIDGE NO. 6261

PLAN LEGEND	
Town, County, State	-----
Property Lines	-----
R/W Lines-Existing	-----
R/W Lines-Proposed	-----
Culvert-Existing	-----
Culvert Proposed	-----
Curbing	Existing Proposed
Type 1	-----
Type 3	-----
Type 5	-----
Outline of Bodies of Water	-----
Exposed Bedrock	-----
Buildings	-----
Trees	Conifer Deciduous
Tree Line	-----
Clearing Limit Line	CLL
Railroad	-----
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Catch Basins	Existing Proposed
Manholes	Existing Proposed
Proposed Underdrain	-----
Proposed Ditch	-----
Existing Ditch	-----
Utility Poles	Existing Proposed
Fire Hydrants	Existing Proposed
Existing Water Line	W
Existing San. Sewer	-----
Existing San. Sewer Manhole	⊙
Guardrail-Existing	-----
Guardrail-Proposed	-----
Centerline-Existing	10+00
Centerline-Proposed	-----
Travelway-Existing	-----
Travelway-Proposed	-----
Probe	P-#. #X
	#.# = Depth
	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)

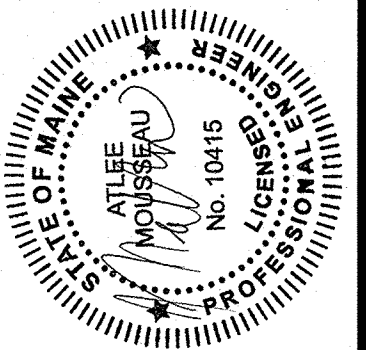
INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Estimated Quantities / General and Construction Notes	2
Culvert Detail Sheet	3
Detour Sheet	4
Detour Signage Sheet	5

TRAFFIC DATA	
Current (2026) AADT	480
Future (2046) AADT	580
DHV - % of AADT	12%
Design Hour Volume	70
% Heavy Trucks (AADT)	8%
% Heavy Trucks (DHV)	2%
Directional Distribution (DHV)	59%
18-kip Equivalent P 2.0	20
18-kip Equivalent P 2.5	19
Design Speed (mph)	45
Corridor Priority	4



<b>PROJECT LOCATION:</b>	Sullimond Brook Bridge (#6261) over West Branch Dickey Brook. Located 0.91 of a mile north of Route 161
<b>PROGRAM AREA:</b>	Regional Program
<b>SCOPE OF WORK:</b>	Large Culvert Replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	COMMISSIONER: [Signature]	5-7-26
	CHIEF ENGINEER: [Signature]	5-6-26



PROJECT INFORMATION	REGIONAL
PROGRAM	A. ROUSSEAU
PROJECT MANAGER	C. VANDENBOSSCHE
DESIGNER	
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

SIGNATURE	10415	P.E. NUMBER	4-21-26	DATE
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WIN 28270.00 FEDERAL PROJECT NUMBER 2827000  
SULLIMOND BROOK BRIDGE  
CROSS LAKE TOWNSHIP  
TITLE SHEET

SHEET NUMBER	1
OF	5

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
206.061	STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	50	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	60	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	100	T
409.15	BITUMINOUS TACK COAT - APPLIED	60	G
509.12	STEEL STRUCTURAL PLATE PIPE ARCH (37,000 LBS)	1	LS
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	450	LF
639.19	FIELD OFFICE TYPE B	1	EA
652.35	CONSTRUCTION SIGNS	550	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	40	CD
652.38	FLAGGER	40	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

**GENERAL NOTES**

- PAVEMENT THICKNESS SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.
- ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
- ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
- GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1-FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION ITEM 703.19, GRANULAR BORROW.
- WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW-SIDE SHOULDER, THE LOW-SIDE SHOULDER WILL HAVE THE SAME SLOPE AS THE TRAVELWAY.
- CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
- THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE PROJECT GEOTECHNICAL REPORT TITLED " GEOTECHNICAL DATA REPORT FOR THE REPLACEMENT OF SULLIMOND BROOK BRIDGE", SOILS REPORT 2026-17, MARCH 17, 2026 CAN BE ACCESSED AT THE MAINEDOT WEBSITE [HTTPS://WWW.MAINE.GOV/DOING-BUSINESS/BID-OPPORTUNITIES](https://www.maine.gov/dot/doing-business/bid-opportunities).
- GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BIX DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINEDOT WILL NO BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFROMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.
- FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.

**CONSTRUCTION NOTES**

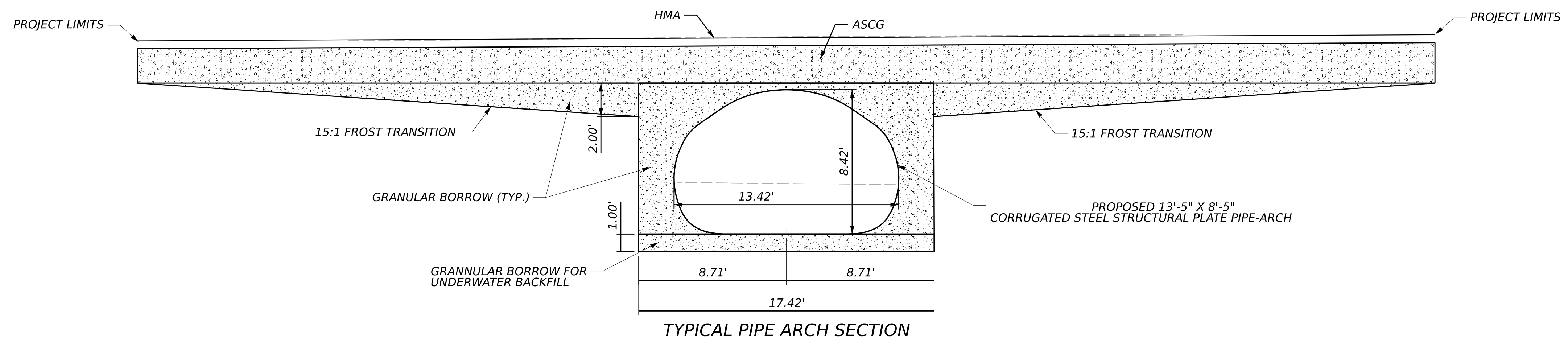
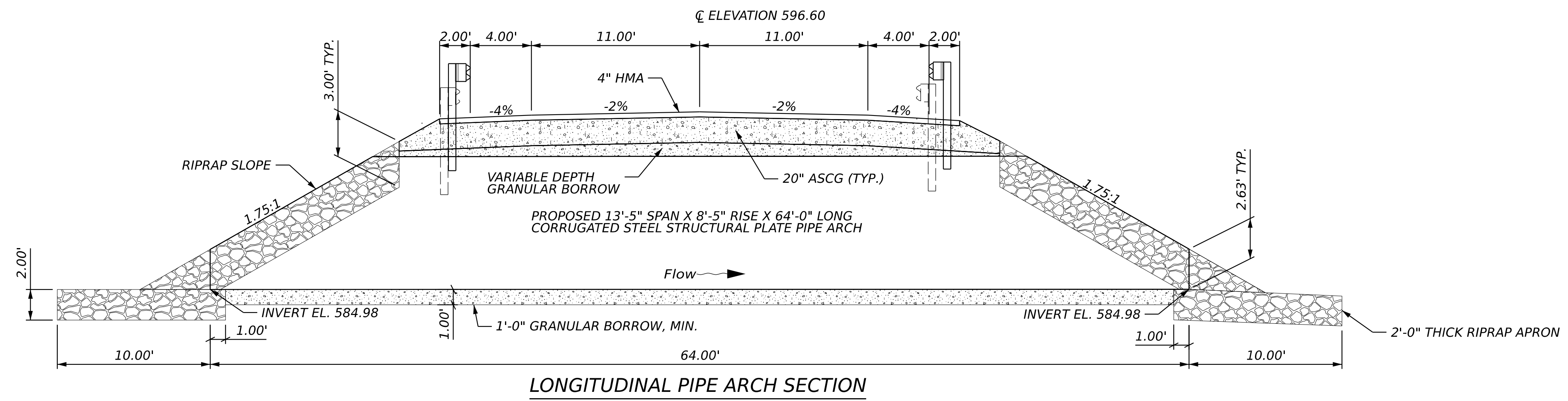
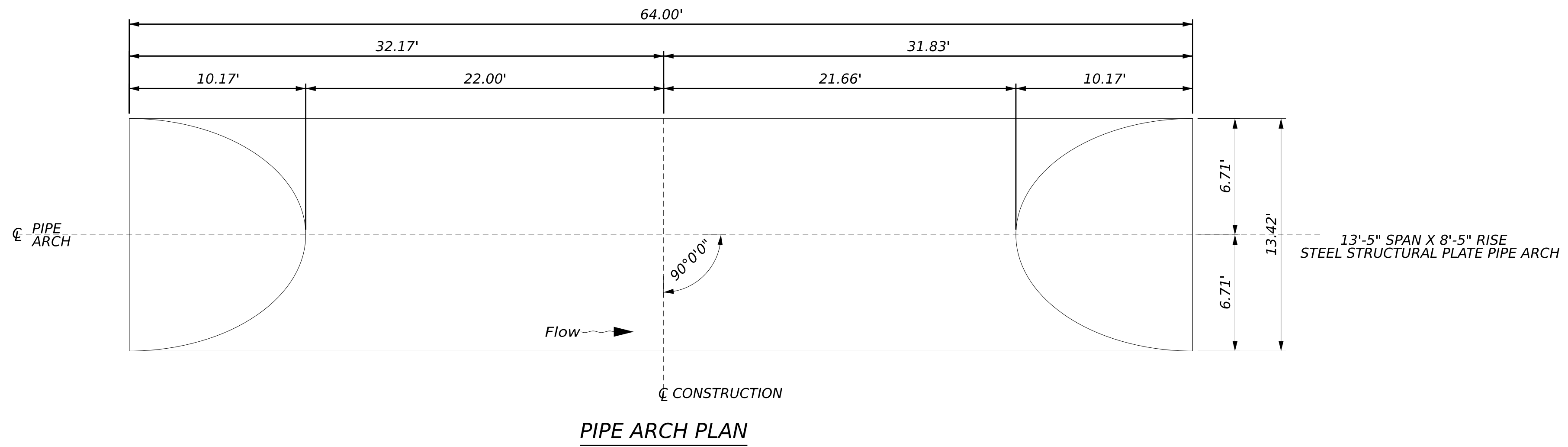
- VERTICAL CONTROL MAY NOT BE ESTABLISHED. IF CONTROL IS NOT ESTABLISHED, THE NEW INVERT ELEVATIONS SHALL BE SET TO THE INVERTS OF THE EXISTING STRUCTURE.
- INSTALLATION AND BACKFILL OF THE CULVERT SECTIONS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 509.
- BACKFILL AND FROST TRANSITION MATERIAL SHALL MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 703.19 GRANULAR BORROW, AND IS INCIDENTAL TO THE CONTRACT.
- ROADWAY AGGREGATE SHALL MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION SECTION 703.06 AGGREGATE SUBBASE COURSE GRAVEL - TYPE D, AND IS INCIDENTAL TO THE CONTRACT.
- ALL EXCAVATION IS INCIDENTAL TO THE CONTRACT.
- RIPRAP SHALL BE PLACED AS SHOWN ON THE CULVERT DETAIL SHEET OR AS DIRECTED IN THE FIELD BY THE RESIDENT. RIPRAP SHALL BE INCIDENTAL TO THE CONTRACT.
- EROSION CONTROL MIX SHALL BE PLACED ON ANY NON-RIPRAPPED SLOPES AND IS INCIDENTAL TO THE CONTRACT.
- ANY GUARDRAIL THAT IS REMOVED DURING REPLACEMENT OF THE CULVERT WILL BE RESET AS DIRECTED BY THE RESIDENT. REMOVAL AND RESETING OF THE GUARDRAIL SHALL BE INCIDENTAL TO THE CONTRACT.

STATE OF MAINE	REGIONAL PLANS
DEPARTMENT OF TRANSPORTATION	#6261
2827000	28270.00
WIN	

DATE	DATE	DATE	DATE
4/17/2026			
BY	BY	BY	BY
A. MOUSSEAU			
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1
			REVISIONS 2
			REVISIONS 3
			REVISIONS 4
			FIELD CHANGES

SULLIMOND BROOK BRIDGE  
 CROSS LAKE TOWNSHIP  
 ESTIMATED QUANTITIES /  
 GENERAL AND CONSTRUCTION NOTES

SHEET NUMBER  
 2  
 OF 5



**STRUCTURAL PLATE STRUCTURE NOTES**

1. One 13'-5" span, 8'-5" rise Structural Plate Pipe Arch is required. The Structural Plate Pipe Arch shall have a material thickness of 1 GAUGE on the top and bottom halves.

**SHEET NOT TO SCALE**

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
2827000  
WIN  
28270.00  
#6261  
REGIONAL PLANS

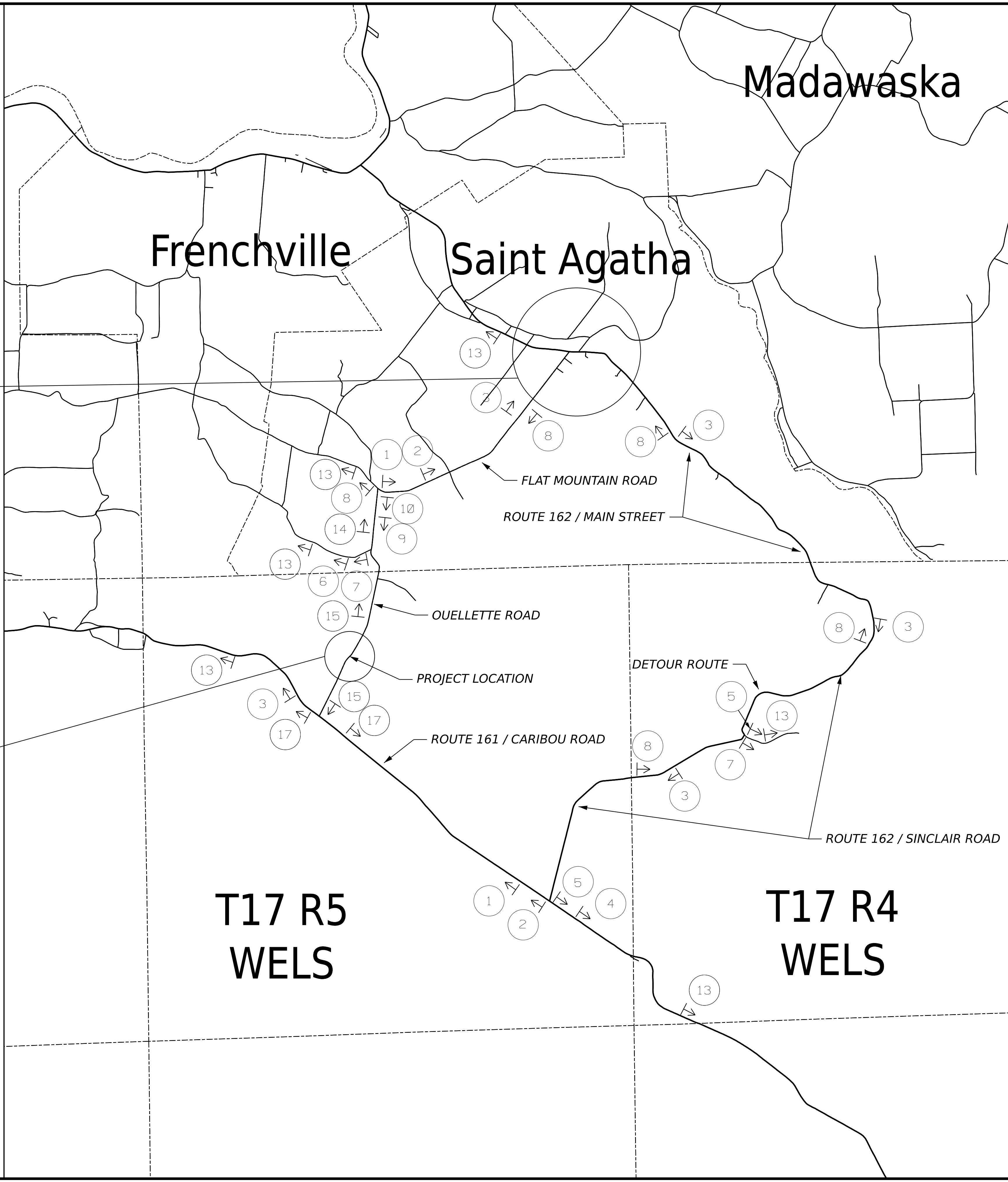
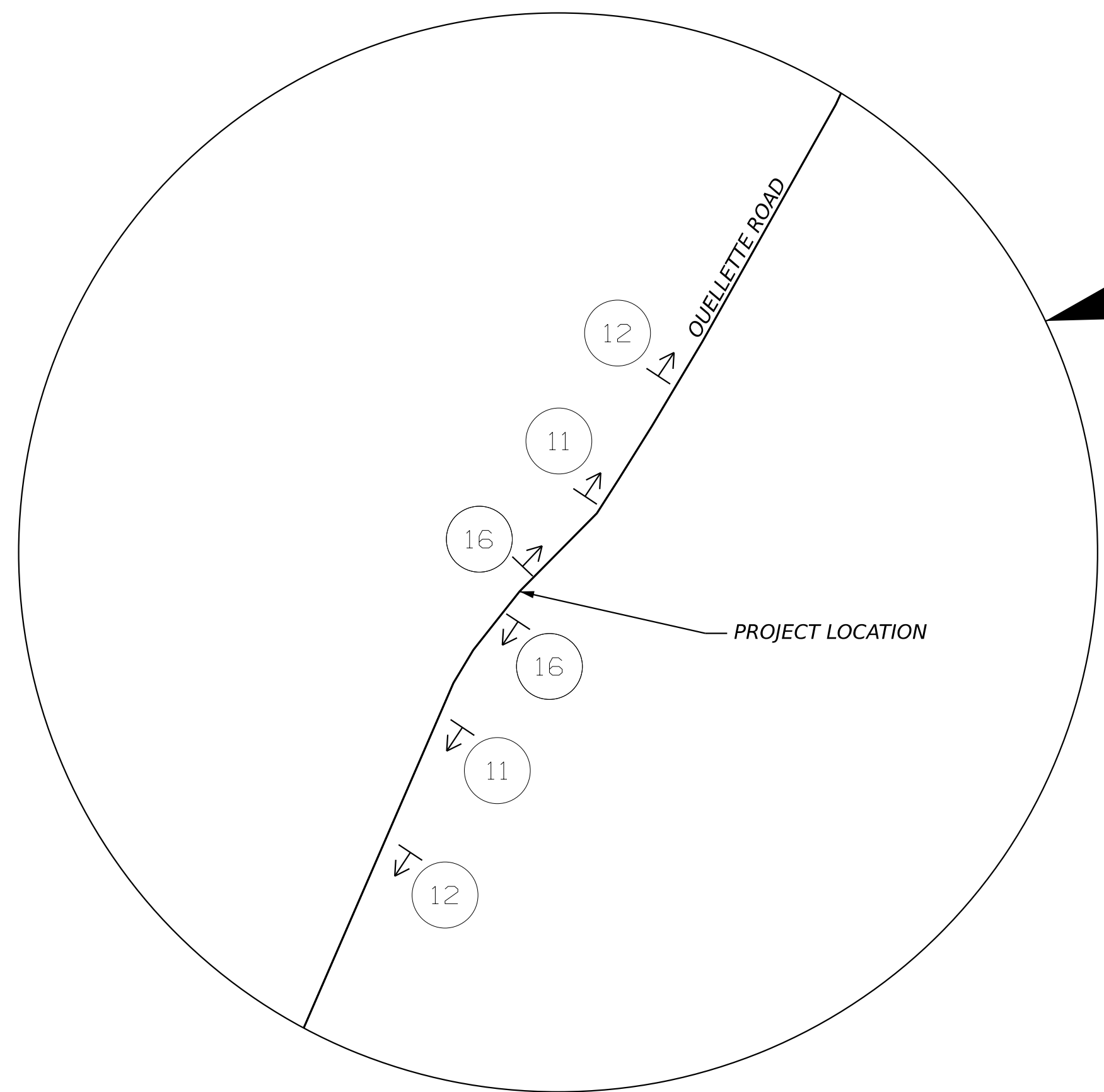
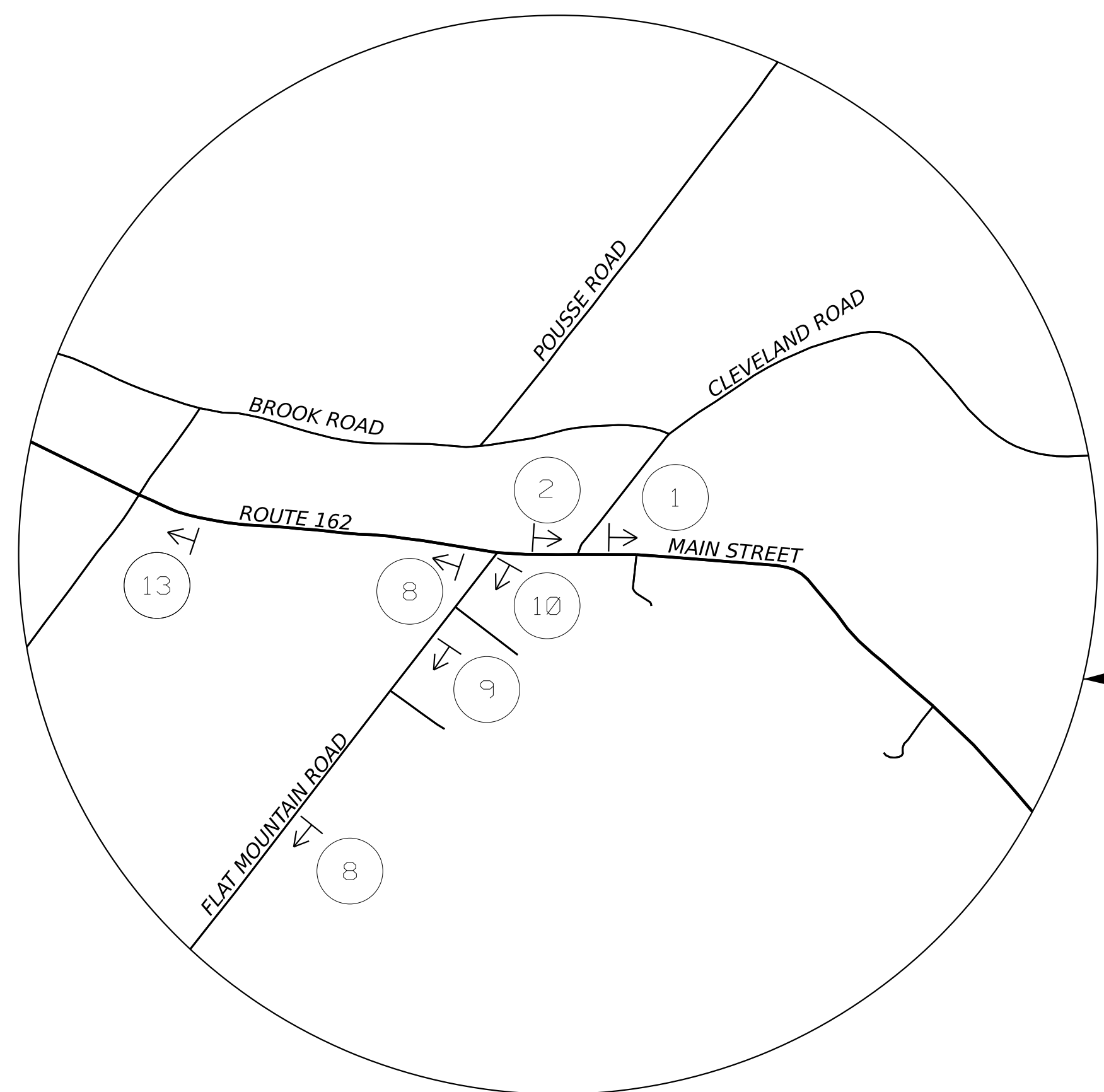
PROJ. MANAGER	A. MOUSSEAU	BY	DATE
CHECKED-REVIEWED	CYDB	CYDB	4/21/2026
DESIGN-REVIEWED			
DESIGN-DETAILS			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

**SULLIMOND BROOK BRIDGE  
CROSS LAKE TOWNSHIP  
CULVERT DETAIL SHEET**

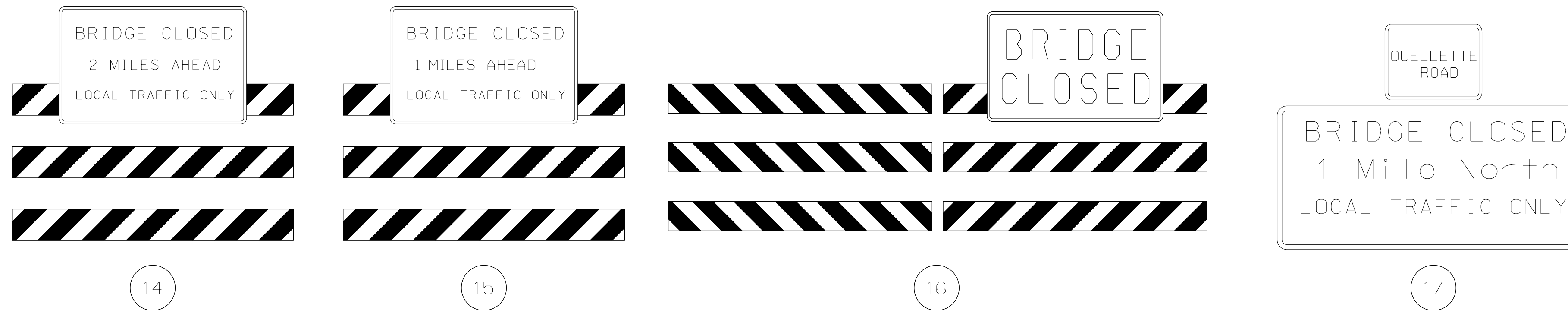
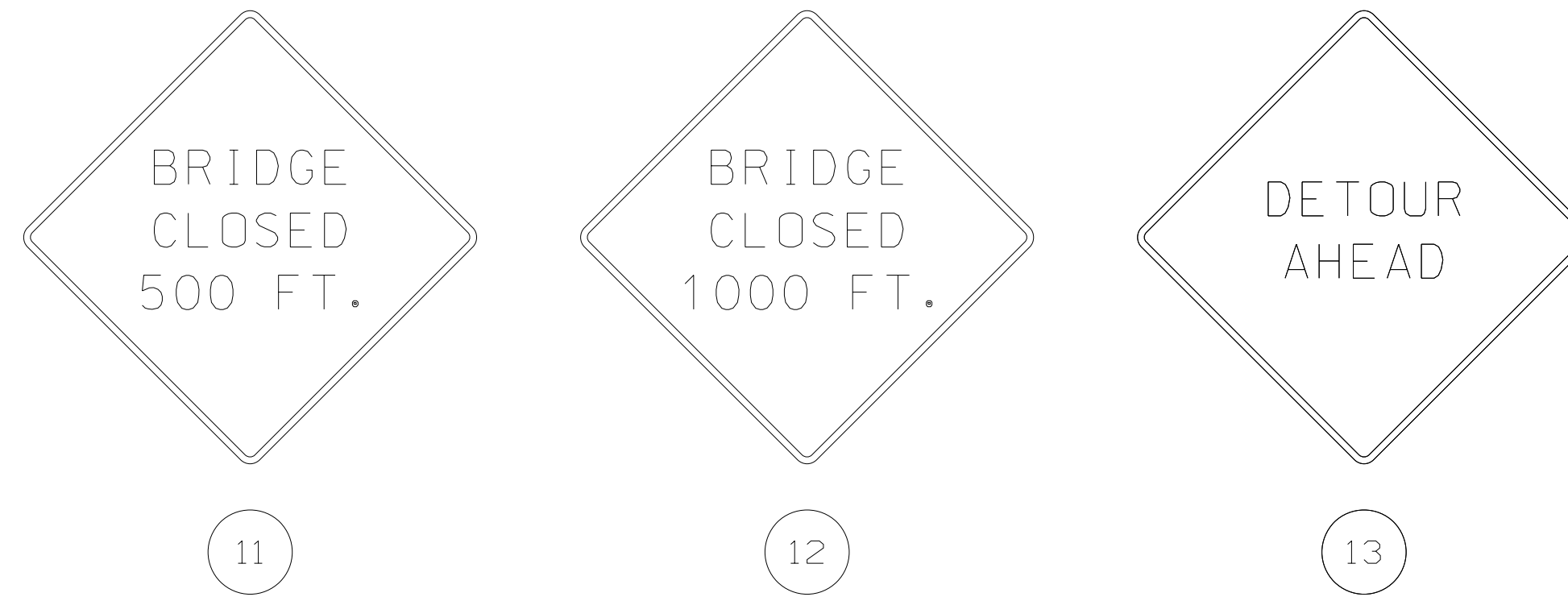
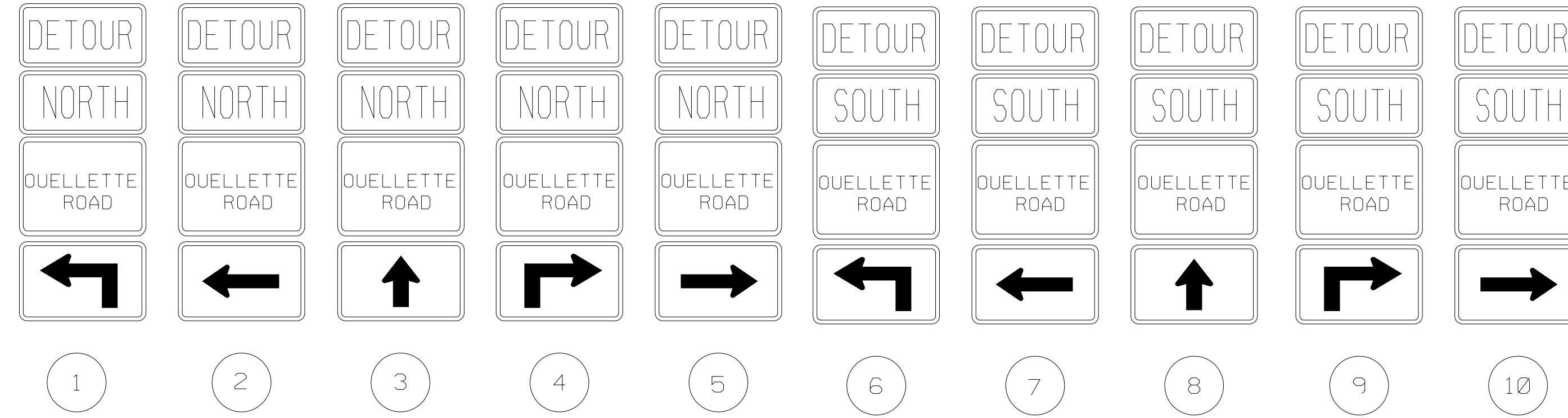
**SHEET NUMBER**

**3**

**OF 5**



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2827000	
#6261		WIN 28270.00	
REGIONAL PLANS			
PROJ. MANAGER	A. MOUSSEAU	BY	C.VDB
DESIGN-DETAILED	C.VDB	DATE	4/16/2026
CHECKED-REVIEWED		SIGNATURE	
DESIGN-DETAILED02		P.E. NUMBER	
DESIGN-DETAILED03		DATE	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
<b>SULLIMOND BROOK BRIDGE CROSS LAKE TOWNSHIP</b>			
<b>DETOUR SHEET</b>			
SHEET NUMBER		4	
OF		5	



PROJ. MANAGER	A. MOUSSEAU	BY	DATE
DESIGN-DETAILED	CVDB	CVDB	4/16/2026
CHECKED-REVIEWED			
DESIGN-DETAILED 2			
DESIGN-DETAILED 3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	

SULLIMOND BROOK BRIDGE  
CROSS LAKE TOWNSHIP  
DETOUR SIGNAGE SHEET