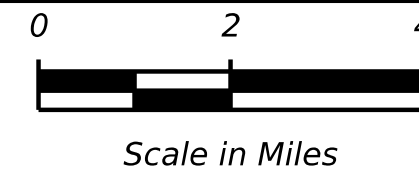
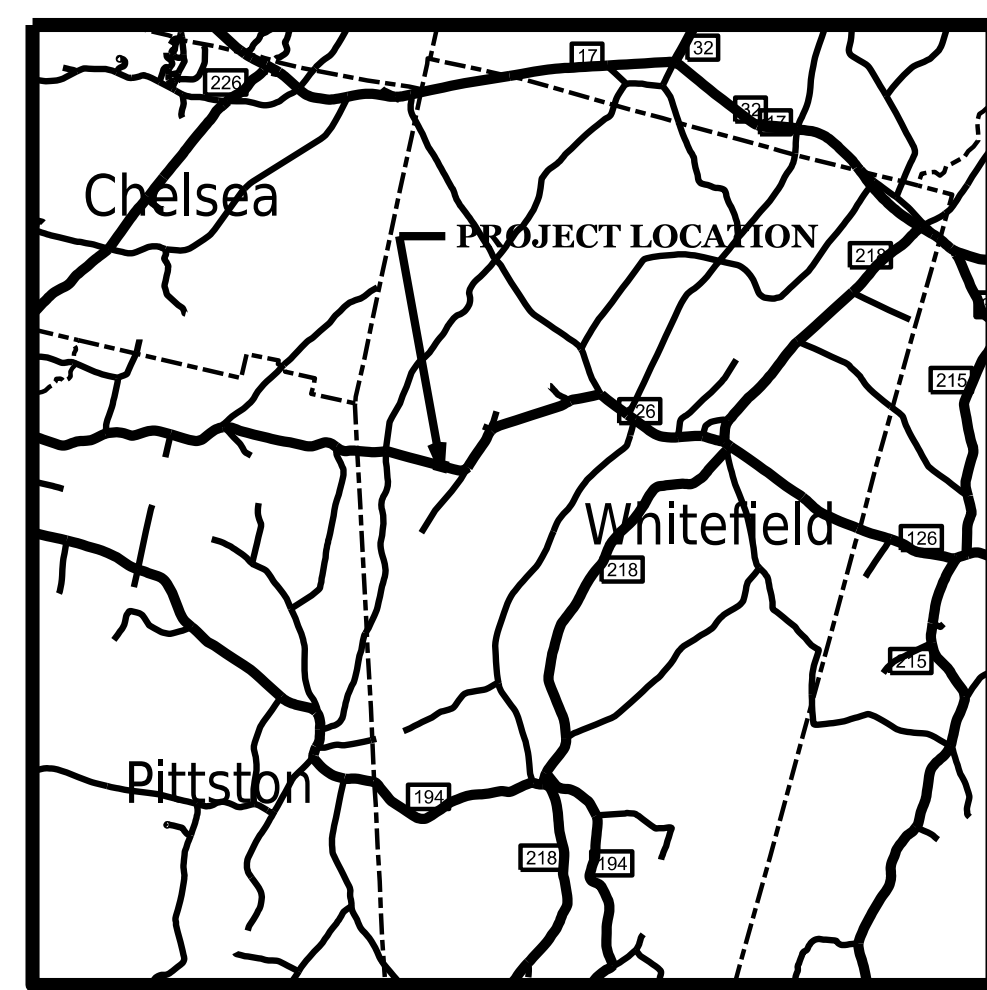


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



WHITEFIELD LINCOLN COUNTY STATE ROUTE 126 STATE PROJECT NUMBER 28244.00 KELLEY BROOK BRIDGE BRIDGE NO. 2429

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



LOCATION MAP

TRAFFIC DATA	
Current (2025) AADT	1080
Future (2045) AADT	1190
DHV - % of AADT	11%
Design Hour Volume	131
% Heavy Trucks (AADT)	7%
% Heavy Trucks (DHV)	9%
Directional Distribution (DHV)	66%
18-kip Equivalent P 2.0	25
18-kip Equivalent P 2.5	23
Design Speed (mph)	45
Corridor Priority	4

PROJECT LOCATION:	Kelley Brook Bridge (#2429) over West Branch Eastern River. Located 0.57 of a mile east of South Hunts Meadow Road.
PROGRAM AREA:	Regional Program
SCOPE OF WORK:	Large Culvert Replacement

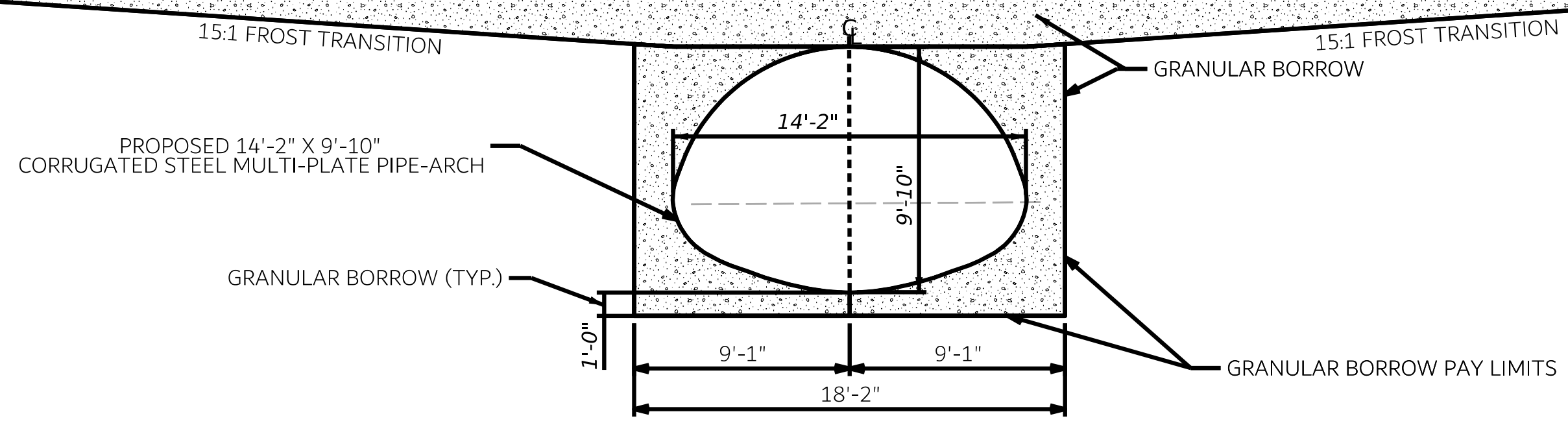
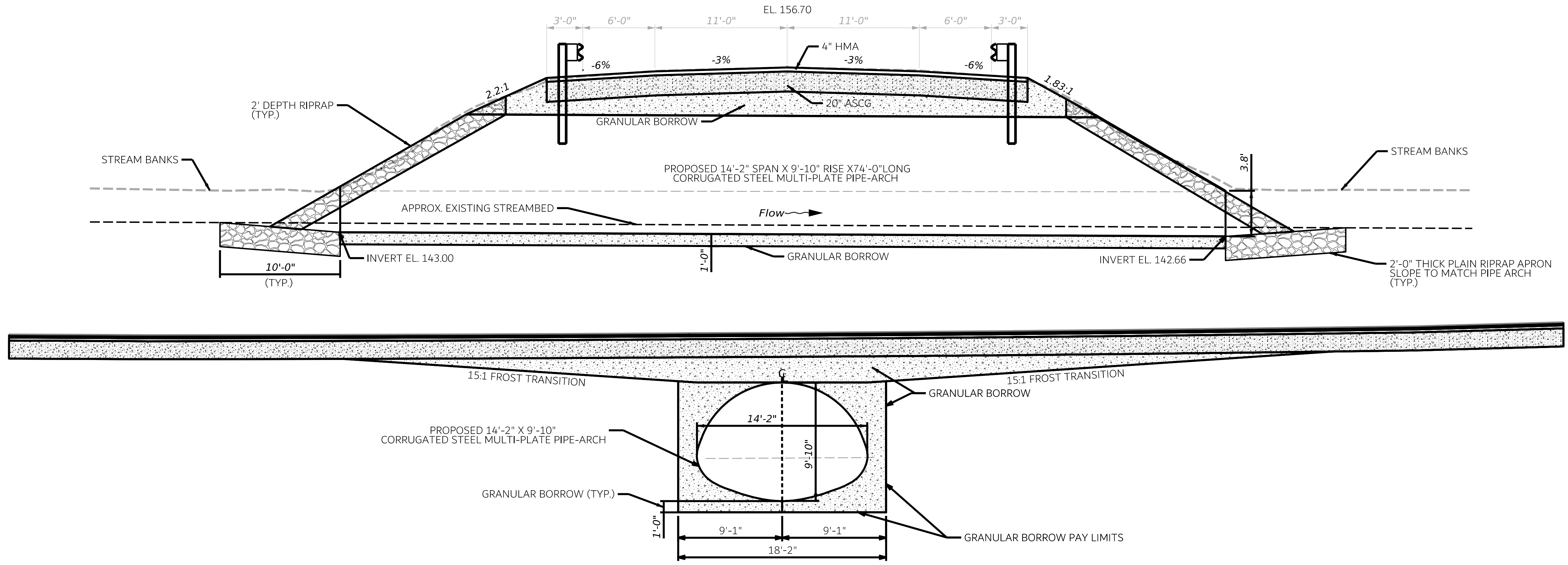
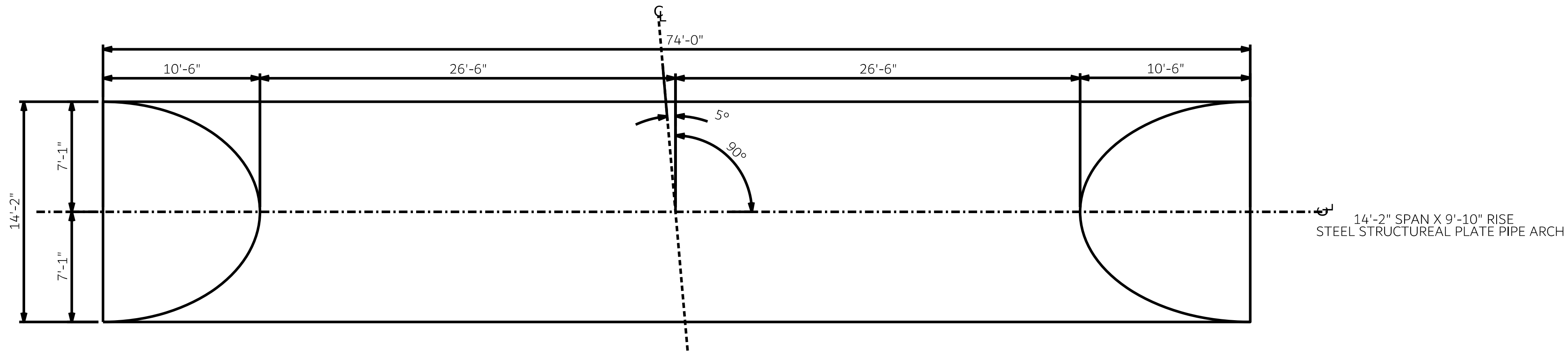
WIN 28244.00

STATE OF MAINE	DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
		ACTING COMMISSIONER:	CHIEF ENGINEER:

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

WHITEFIELD	ROUTE 126
TITLE SHEET	

SHEET NUMBER	1
OF	4



STRUCTURAL PLATE STRUCTURE NOTES

1. One 14'-2" span, 9'-10" 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.
2. Granular Borrow shall meet the requirements of Subsection 703.19, Material for Underwater Backfill.
3. The structural plate pipe arch shall be complete and available to the Department within 8 weeks of the awarding of the Contract, in case of failure of the existing structure. The Contractor shall receive payment for the completed fabrication of the structural plate pipe arch as described under Standard Specification Section 108.40 Payment for Material Obtained and Stored.

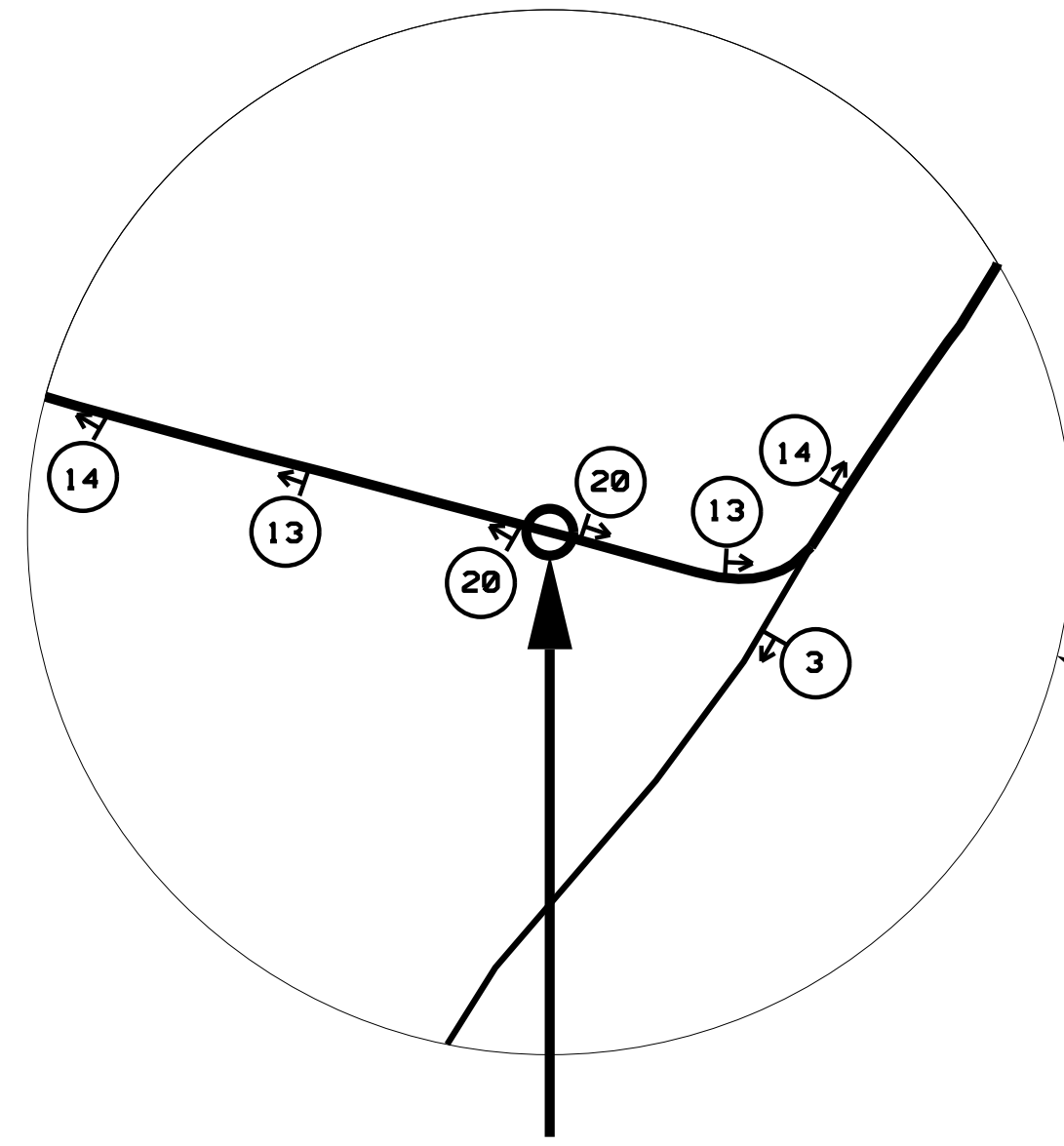
GENERAL CONSTRUCTION NOTES

1. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
2. During construction the road will be closed to traffic for a period specified in the Special Provisions.
3. Guardrail posts shall be 7 feet in length with the following exceptions. Posts directly over the culvert may be 6 feet in length. One guardrail post on each side of the road may be eliminated if necessary. A minimum 6-inch clearance from the culvert shall be maintained.
4. The Contractor shall install a Dry Hydrant in a location to be determined by the Resident Engineer. This work shall not be paid for directly but will be considered incidental to related contract items. All additional materials required to complete this work will be supplied by others.

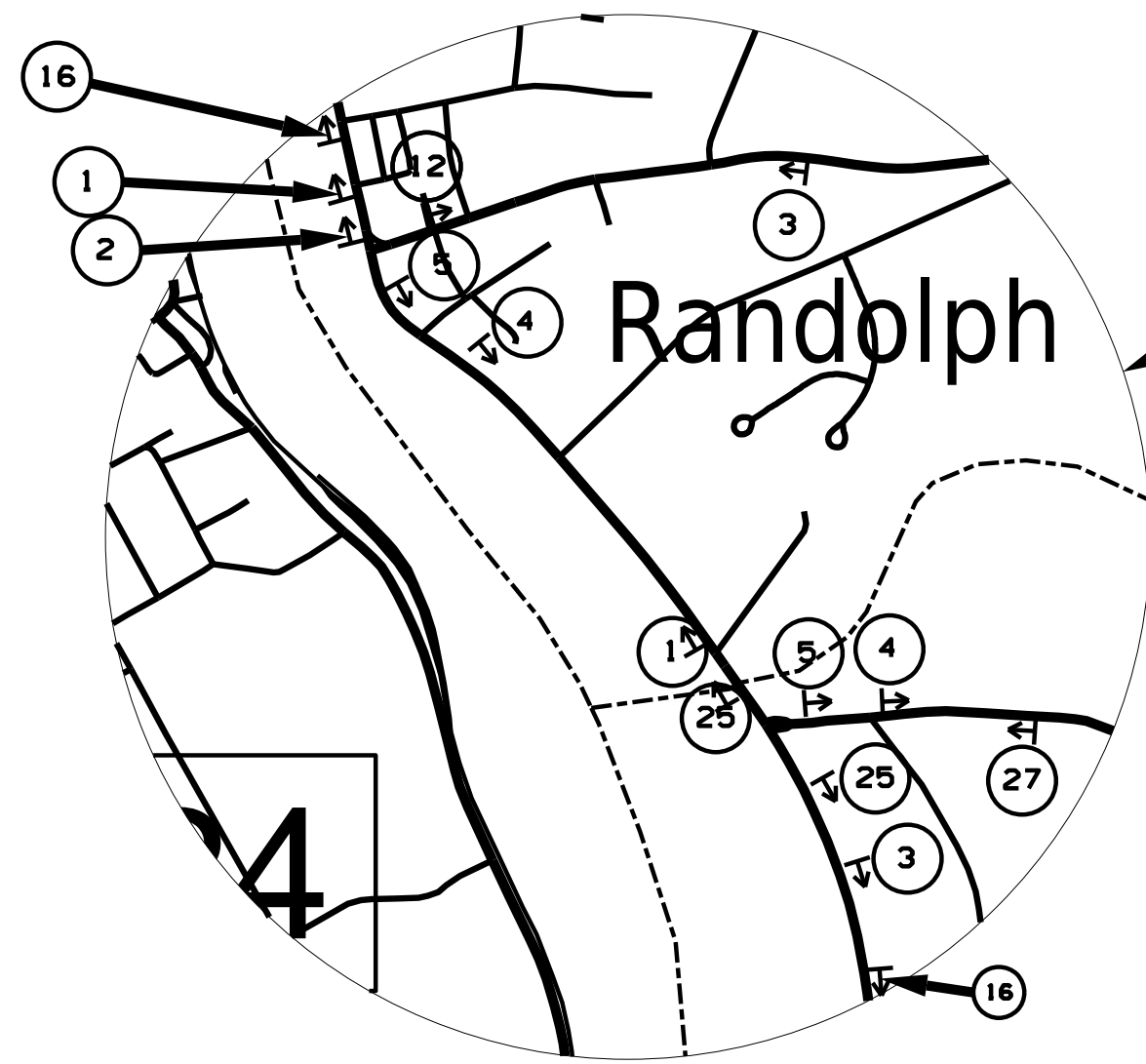
PROJ. MANAGER	DATE	SIGNATURE
A. MOUSSEAU	10/21/2025	

DESIGN/REVIEWED	BY	DATE	P.E. NUMBER	DATE
C/OB	C/OB			
C/OB				
C/OB				
C/OB				
C/OB				
C/OB				
C/OB				

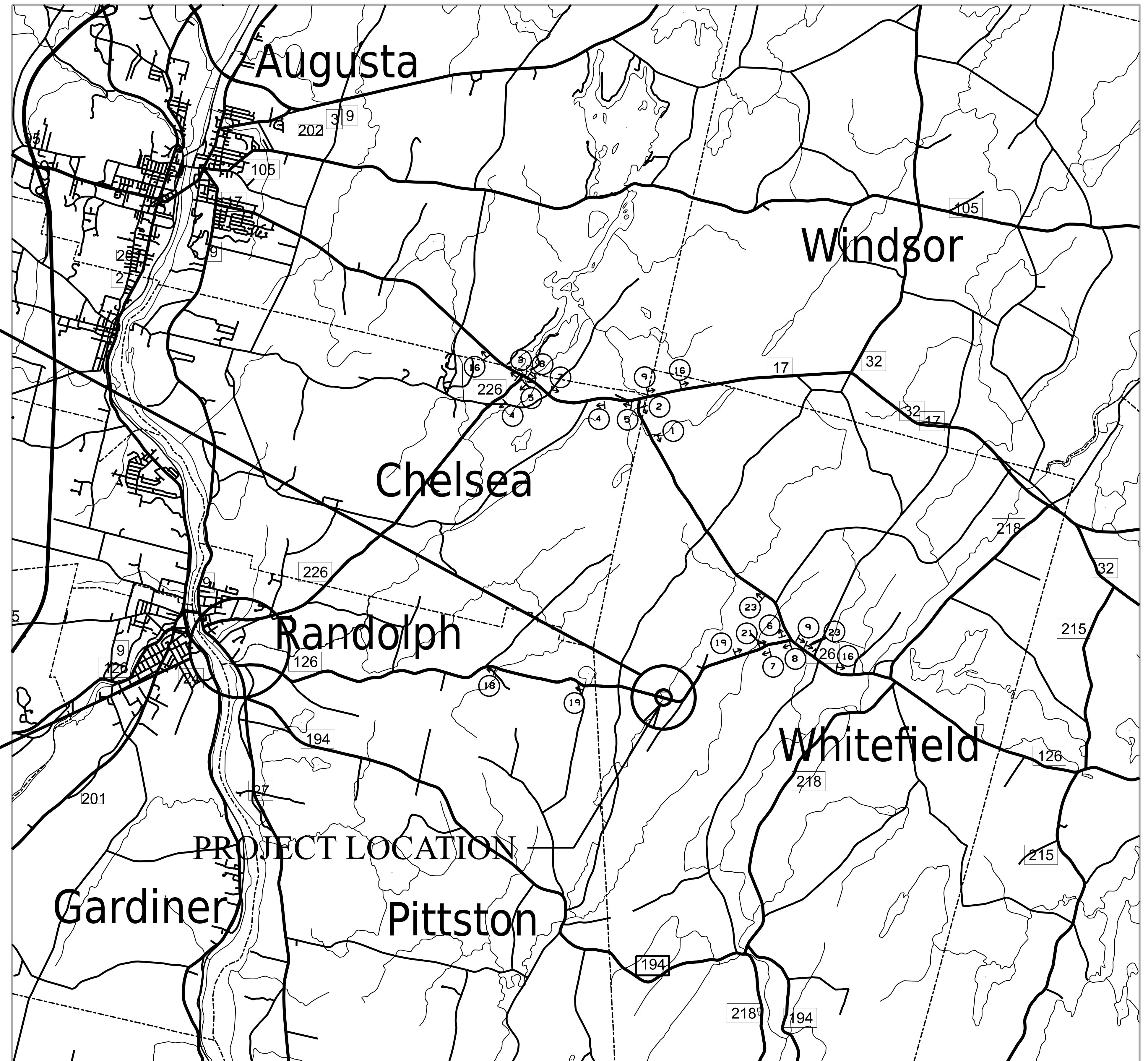
**WHITEFIELD
ROUTE 126
CULVERT DETAIL SHEET**



PROJECT LOCATION



PROJECT LOCATION



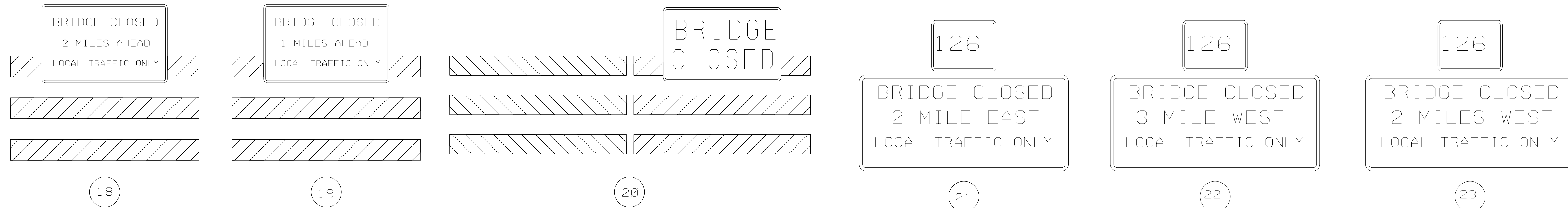
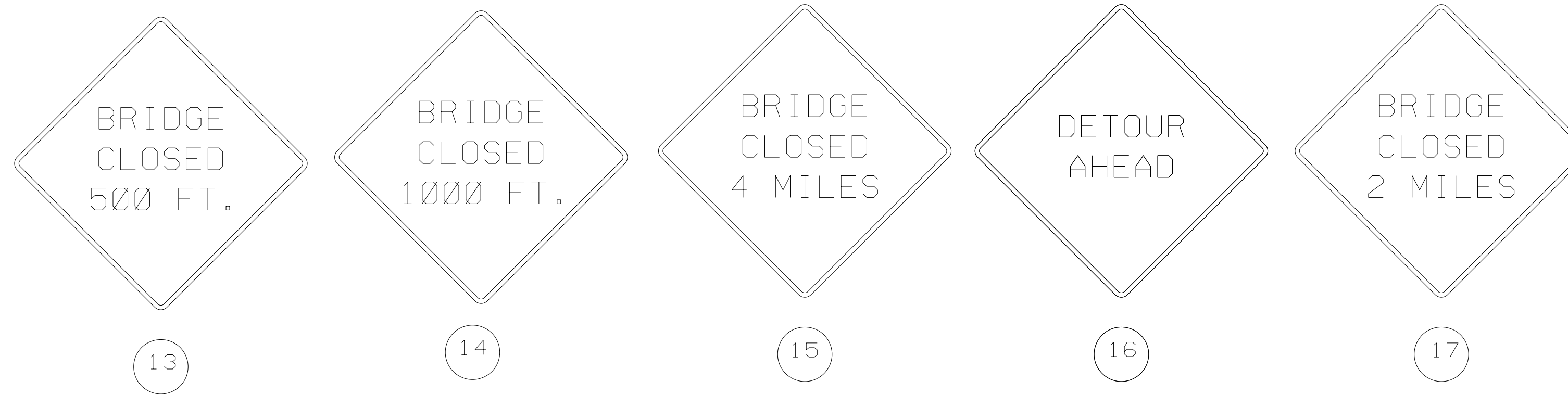
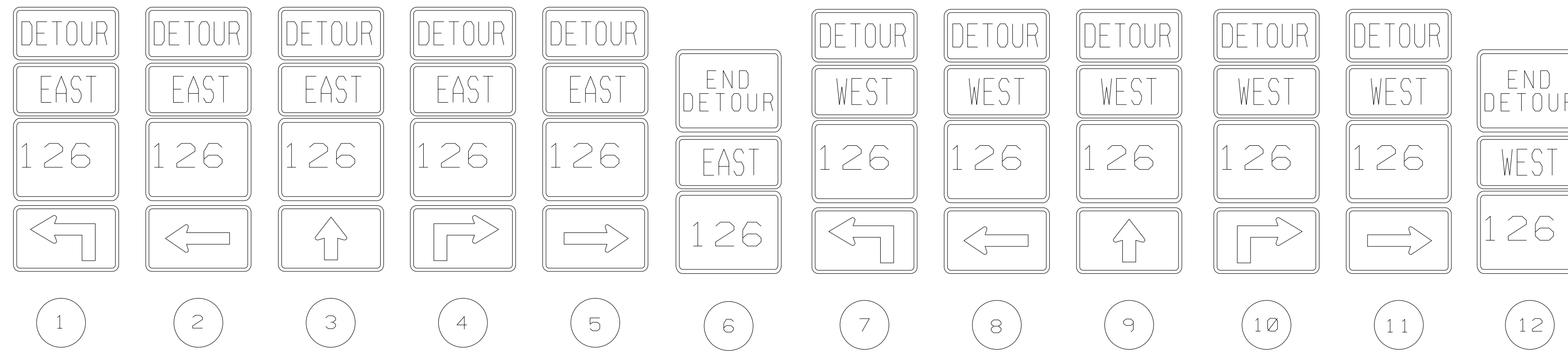
Username: casey.vandenbossche Date: 10/21/2025

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
State Project No. 2824400
WIN 28244.00

PROJ. MANAGER	A. MOUSSEAU	BY	DATE
DESIGN-DETAILED	CV08	CV08	9/22/2025
CHECKED-REVIEWED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

KELLEY BROOK BRIDGE
WHITEFIELD
Detour Map

SHEET NUMBER
3
OF 4



PROJ. MANAGER	A. MOUSSEAU	BY	DATE
DESIGN-DETAILED	CV08	CV08	10/20/2025
CHECKED-REVIEWED			
DESIGN-DETAILED 2			
DESIGN-DETAILED 3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		DATE	
P.E. NUMBER			

PROJ. MANAGER	A. MOUSSEAU	BY	DATE
DESIGN-DETAILED	CV08	CV08	10/20/2025
CHECKED-REVIEWED			
DESIGN-DETAILED 2			
DESIGN-DETAILED 3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		DATE	
P.E. NUMBER			

**KELLEY BROOK BRIDGE
WHITEFIELD**
Sign Details