

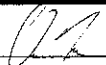
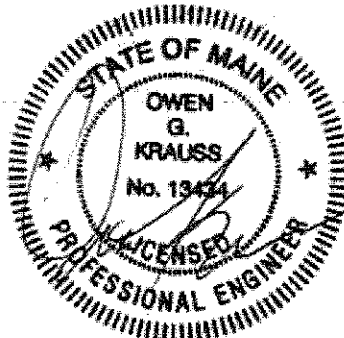

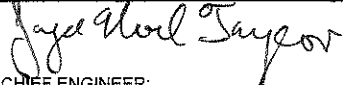
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

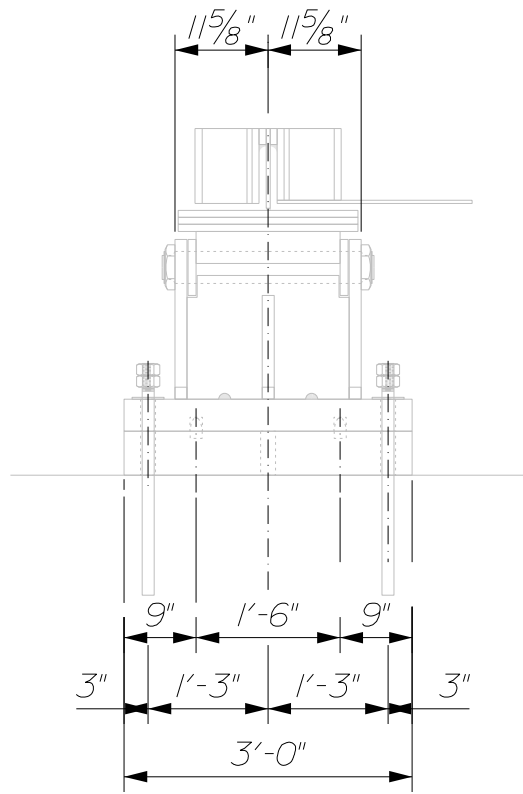


BELFAST
WALDO COUNTY
VETERANS MEMORIAL
OVER
PASSAGASSAWAKEAG RIVER
US ROUTE 1

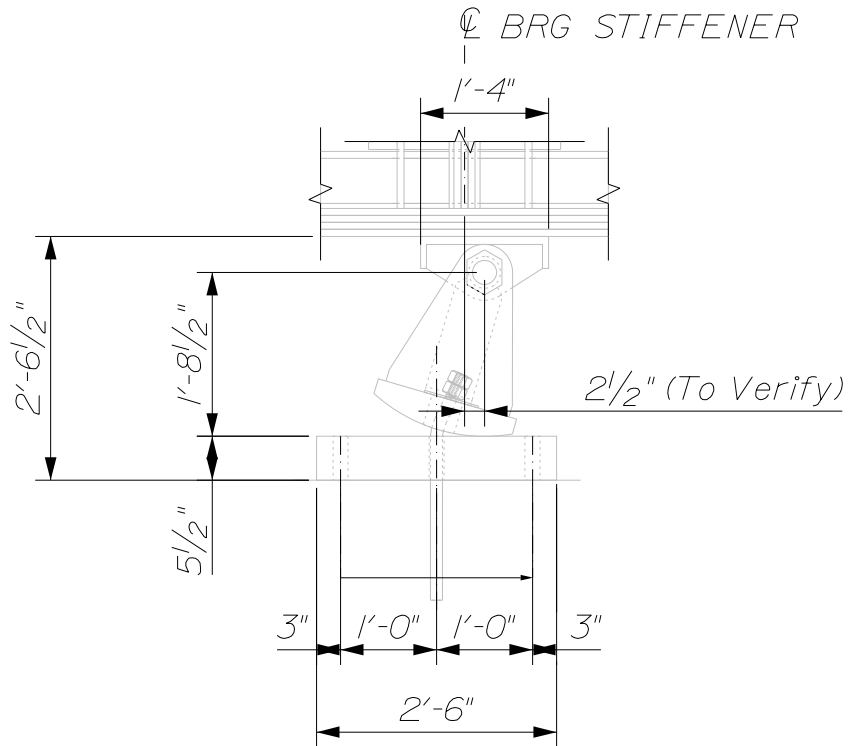
FEDERAL AID PROJECT NO. 2529500

BEARING REHABILITATION
BRIDGE NO. 5750

 SIGNATURE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
13434 P.E. NUMBER		2529500	25295.00
January 9, 2025 DATE		 COMMISSIONER:	2-6-25
		 CHIEF ENGINEER:	1-31-2025
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	BELFAST WALDO COUNTY		SHEET NUMBER
WIN 25295.00	TITLE SHEET		1
			OF 7



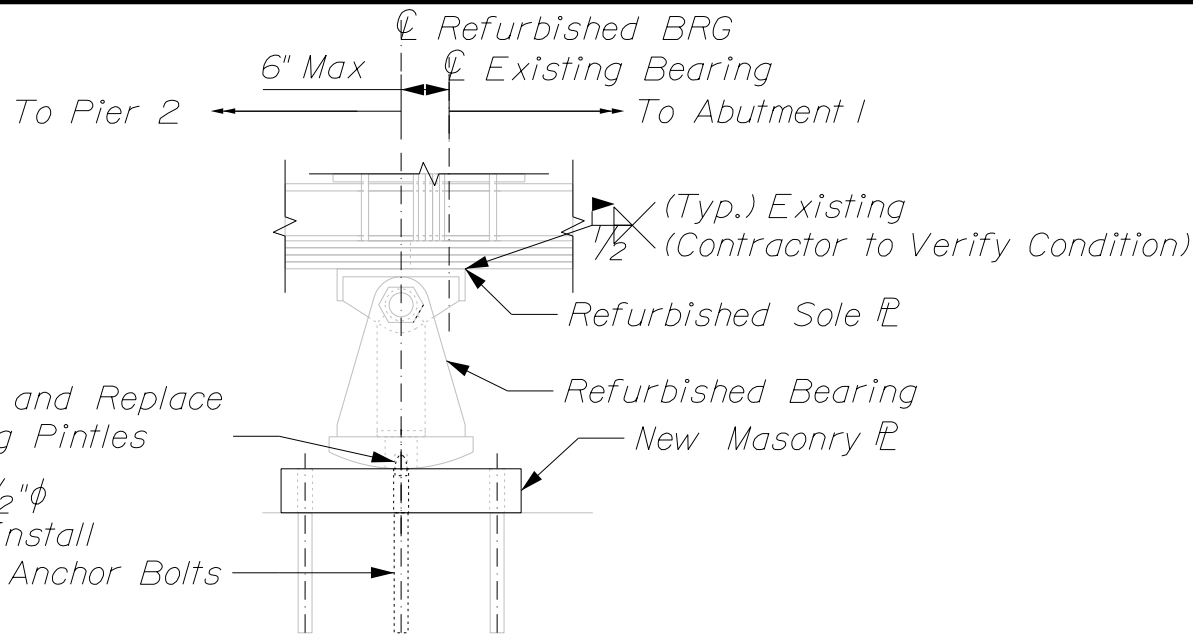
EXISTING EXPANSION
BEARING
PIER NO. 1



EXISTING EXPANSION
BEARING
PIER NO. 1

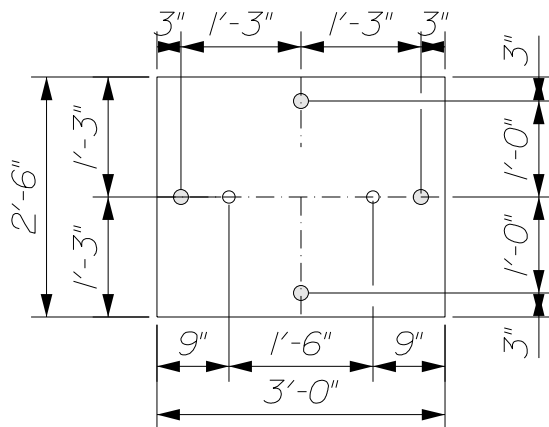
Note: Refer to existing plans for as-built bearing dimensions (AB2 Detail)

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		VETERANS MEMORIAL BRIDGE		SHEET NUMBER 2 OF 7
		BELFAST		
		WALDO COUNTY		
WIN 25295.00		EXISTING BEARING DETAILS		
025295.00				
BRIDGE NO. 5750				



Remove Existing $1\frac{1}{2}"\phi$
Anchor Bolts and Install
new $1\frac{1}{2}"\phi$ Swedge Anchor Bolts

PROPOSED EXPANSION BEARING PIER NO. 1



EXISTING/PROPOSED MASONRY PLATE PLAN VIEW

Legend:

- Pintle
- $1\frac{7}{8}"$ Hole

Bearing Setting Plan

Temp. Range	Movement From Plum
$97^{\circ}\pm$	$\frac{1}{4}"$ Towards Abut. 1
$65^{\circ} - 85^{\circ}$	Plumb
$53^{\circ}\pm$	$\frac{1}{4}"$ Towards Pier 2
$41^{\circ}\pm$	$\frac{1}{2}"$ Towards Pier 2

SHEET NUMBER

3

OF 7

VETERANS MEMORIAL BRIDGE

WALDO COUNTY

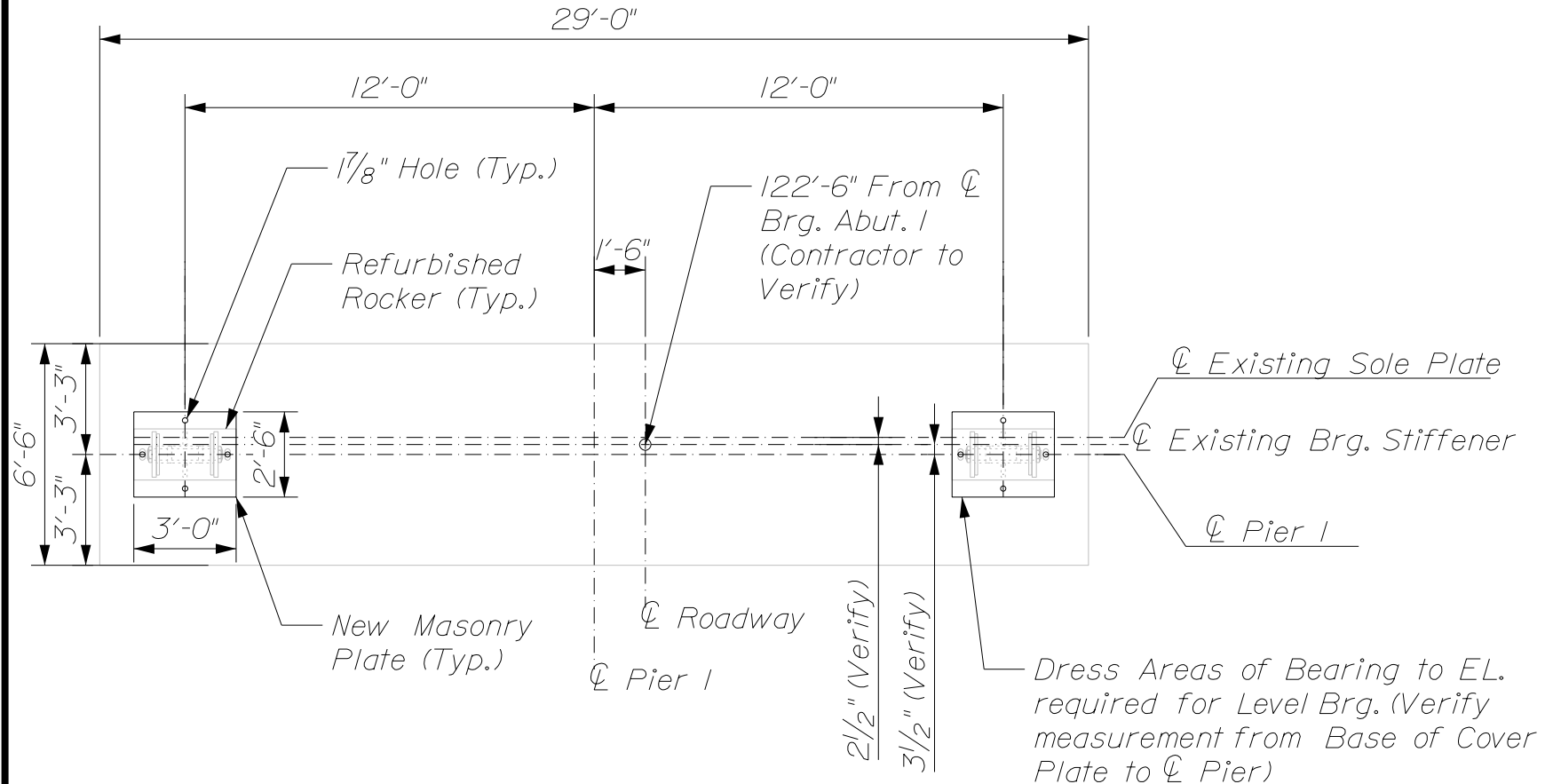
BELFAST

PROPOSED BEARING DETAILS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

025295.00
WIN 25295.00

BRIDGE NO. 5750



PIER 1 - PLAN VIEW

GENERAL NOTES:

1. Refer to the Special Provisions for design, materials, fabrication, and general construction requirements.
2. The actual dimension of the existing bearings shall be field verified by the Contractor. The Contractor shall field verify cover plate and existing sole plate is welded. The Contractor shall field verify location of existing bearing Stiffener as well as pier rotation. The Contractor shall verify conditions of existing pintles and pintle hole within rocker prior to construction, and replace the pintles or reamed holes within the rocker if required.
3. Masonry plates shall be placed on level bearing pad areas.
4. Masonry plates shall meet the requirements of ASTM A709, Grade 50 or 50W. Anchor rods shall meet the requirements of ASTM F1554, Grade 105 and shall be swedged on the embedded portion of the rod.
5. Masonry plates shall receive a minimum of one coat of green finish topcoat matching Federal Standard 595B, color number 14272 to match existing. Anchor rods, washers, and nuts shall be galvanized to ASTM A153 or ASTM B695, Class 50, Type 1.
6. For drilling and anchoring rods size $\frac{7}{8}$ " diameter or greater, the anchoring material shall be chosen from the MaineDOT prequalified list and shall be submitted to the Resident for approval. The product shall be approved for a $1\frac{3}{4}$ " diameter hole with a compressive strength of 11.5 ksi.
7. For dimensions not listed see as-built plans and field verify.
8. New anchor rods shall match dimensions listed on existing as-builts.
9. The Contractor shall not weld the girders to the sole plate until after all adjustments have been made in accordance with Standard Specification Section 523.094.
10. All welding shall be done in accordance with AWS D1.5 Bridge Welding Code and Section 504 Structural Steel of the Standard Specifications.

SHEET NUMBER

5

OF 7

VETERANS MEMORIAL BRIDGE

WALDO COUNTY

BELFAST

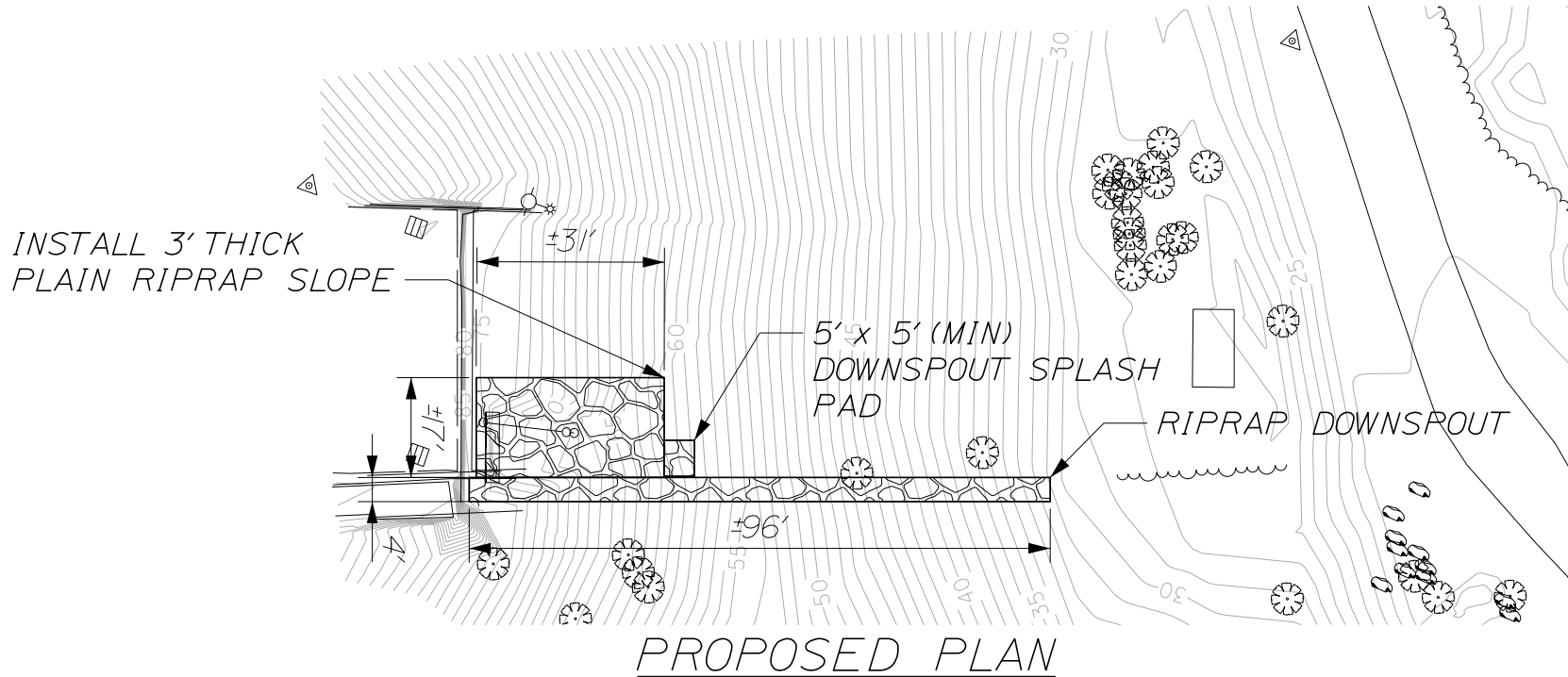
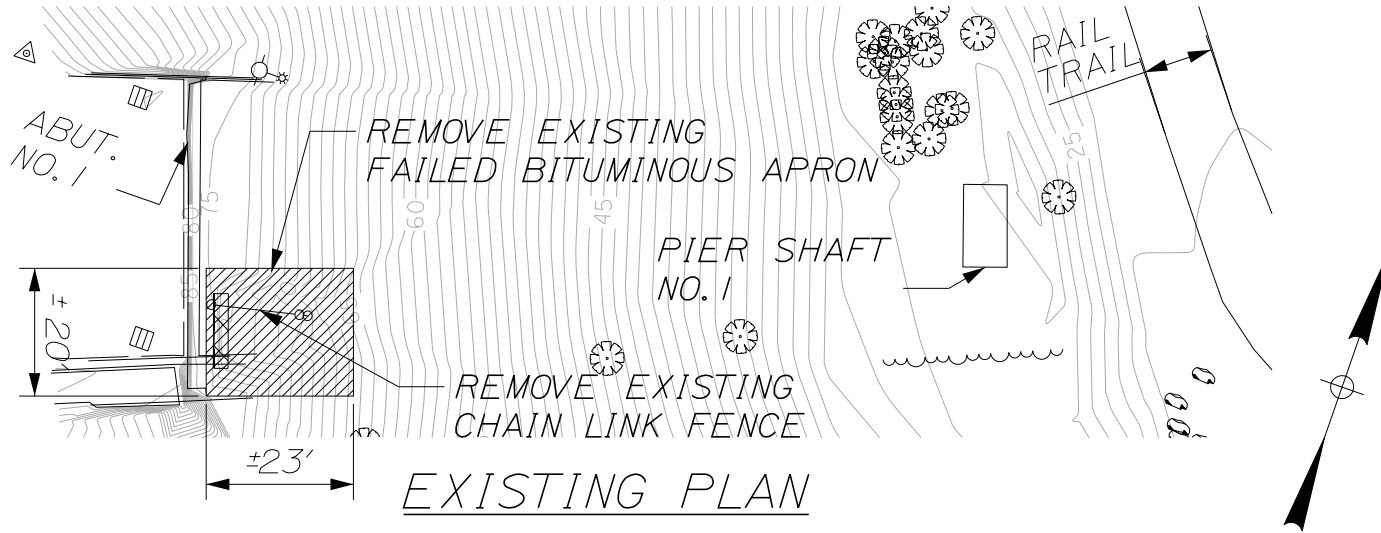
GENERAL NOTES

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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BRIDGE NO. 5750



VETERANS MEMORIAL BRIDGE

WALDO COUNTY

BELFAST

GENERAL PLAN

SHEET NUMBER

6

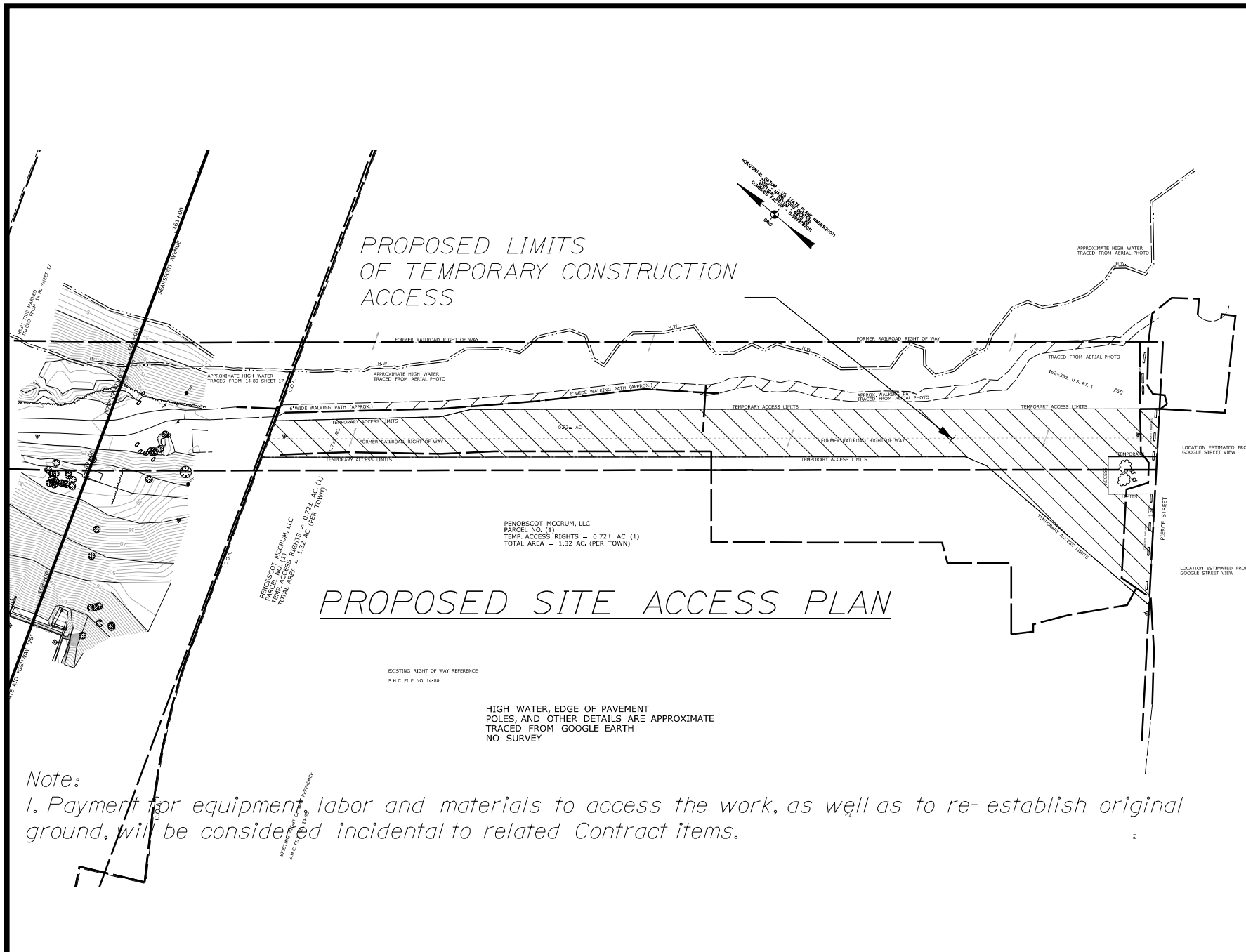
OF 7

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

025295.00

WIN 25295.00

BRIDGE NO. 5750



SHEET NUMBER 7 OF 7	
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	VETERANS MEMORIAL BRIDGE BELFAST
	WALDO COUNTY
WIN 25295.00	SITE ACCESS PLAN
025295.00	BRIDGE NO. 5750