

Supplemental Supporting Information for a Finding of Effect

Project: Waldoboro 23462.00

Scope: Bridge Rehabilitation

Finding of Effect: **No Adverse Effect**

Purpose and Need

The purpose of the project is to maintain a critical rail route between Brunswick and Thomaston on the Central Maine and Quebec Railroad (Knox & Lincoln Railroad/Rockland Branch) which is controlled by the Maine Department of Transportation (MaineDOT). The line has three primary customers: Dragon Products, Bath Iron Works, and Dicalite Management Group. Use equates to approximately one 10-15 car train using the line in one direction, once a week. In 2018 the line was used as follows:

- Dragon Products (Thomaston)
 - Shipped 54 loads to PanAm in Brunswick
 - Shuttled 1044 loads to Rockland (shipping)
- Bath Iron Works (Bath)
 - Received 60 loads from PanAm in Brunswick
- Dicalite Management Group (Thomaston)
 - Received 44 loads from PanAM in Brunswick

The need is due to present scour conditions attributable to the movement of the granite blocks of the abutments. MaineDOT has observed scouring at the abutments. MaineDOT estimates the line would need to be closed within 5 years if corrective action were not taken at this bridge as well as bridge rehabilitation proposed in Rockland 22920.00.

Proposed Action

The proposed action for Rockland #65.19 Bridge #7659 is scour protection consisting of the placement of rip rap at east abutment.

Federal Action

Federal funding.

Definition of Area of Potential Effect (APE)

The proposed project is located in the Town of Waldoboro. Maps are attached below that shows the project APE.

Waldoboro 23462.00

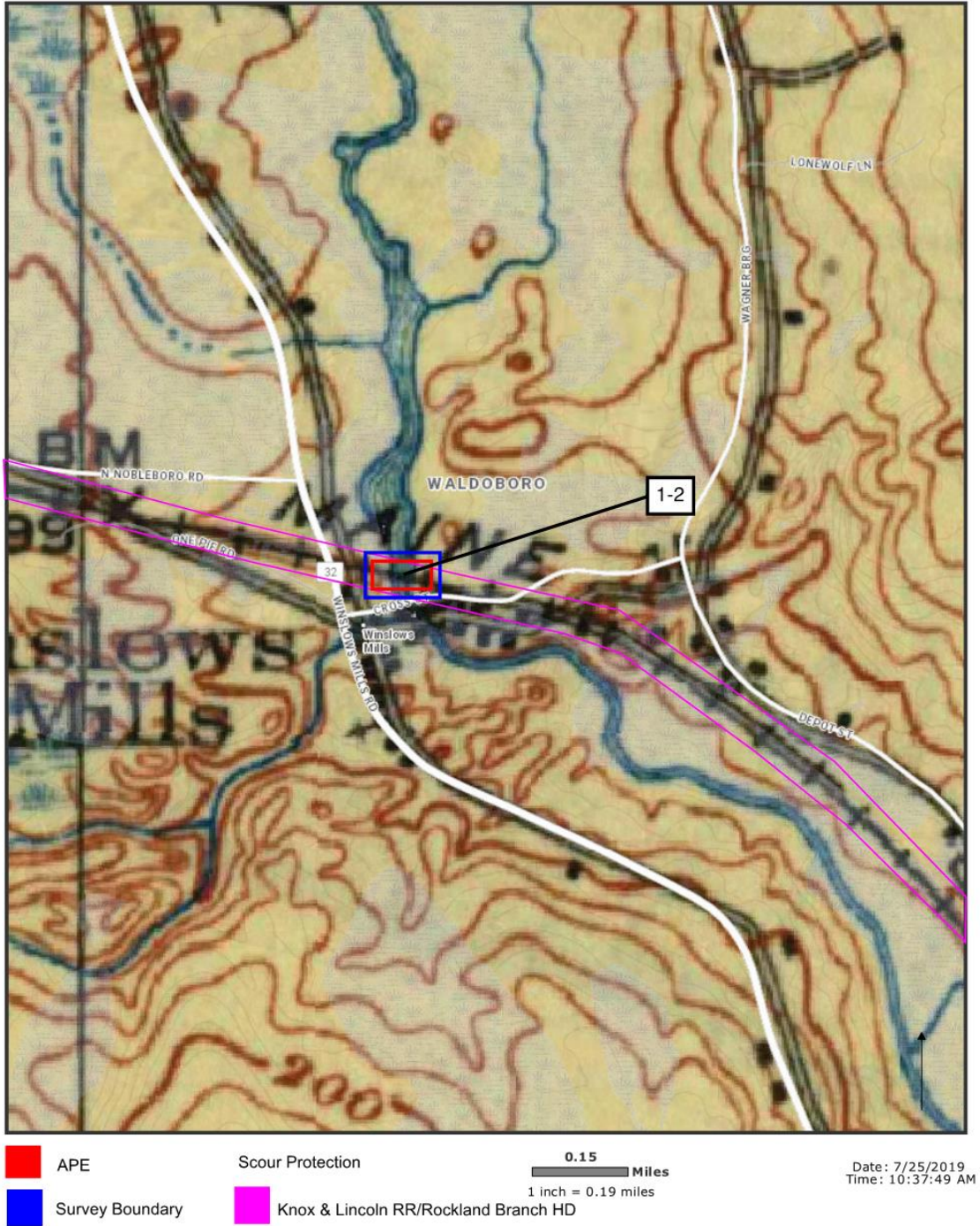


Figure 1. Waldoboro 23462.00 Area of Potential Effect

Historic Properties

The proposed project is in the Town of Waldoboro and the following descriptions are based on Maine Historic Preservation Commission (MHPC) survey forms.

Waldoboro #65.19 Bridge #7659 (MaineDOT)

Individual, National Register-Eligible, Criterion C

Contributing Resource, National Register-Eligible Knox & Lincoln Railroad/Rockland Branch Historic District

Waldoboro #65.19 Bridge #7659 is single span Pratt Truss crossing the Medomak River north of US Route 1. The bridge was constructed circa 1897. The MCRR likely constructed the line as part of its lease of the KLRR before the MCRR purchased the line in 1901. It is unclear what crossing was present before this. The bridge is eligible for its statewide significance in Engineering as one of the few remaining Pratt trusses in the MaineDOT system. Its period of significance is its assumed date of construction: 1897.

Knox & Lincoln Railroad/Rockland Branch Historic District, (Maine Central Railroad)

National Register-Eligible, Criteria A & C

The Knox & Lincoln Railroad/Rockland Branch Historic District is eligible for its local significance for Industry, Entertainment/Culture, and Transportation. The railroad was used for passengers (including tourists heading towards their summer houses and resorts, particularly the Samoset) and freight. Stops included most every large town and village on the coast between the termini. The route was critical to the success of the lime industry in the Rockland area after the demise of the shipping trade. The branch also served what is now the Dragon Cement Plant. At one point in the mid-20th century, the plant was the railroad's largest (and potentially only) non-wood product related customer. The branch also connected to at least one other smaller line in Rockland which was specifically for bringing lime from inland quarries to the Rockland wharves and kilns. Rockland had at least 160 waterfront kilns, only one of which remains. The period of significance is 1871 to 1958, which marks the close of the last lime kiln.

Archeological Resources

There are no archaeological resources in the project area.

Impacts to Property

The following addresses potential impacts to properties as a result of the proposed action.

Waldoboro #65.19 Bridge #7659 (MaineDOT)

Individual, National Register-Eligible, Criterion C

Contributing Resource, National Register-Eligible Knox & Lincoln Railroad/Rockland Branch Historic District

Scour protection measures do not represent changes to character defining features that would diminish any aspect of integrity. The MaineDOT is not proposing any alteration or change to the elements that comprise the Pratt truss; therefore, the MaineDOT has determined that there would be **No Adverse Effect** to this bridge as a result of this project.

Knox & Lincoln Railroad/Rockland Branch Historic District, (Maine Central Railroad)

National Register-Eligible, Criteria A & C

Scour protection measures to bridge #7659 do not represent changes to character defining features of the historic district that would diminish any aspect of integrity. Character defining features include: the rail, bridges, turn table, and depot. Therefore, the MaineDOT has determined there would be **No Adverse Effect** to this resource as a result of this project.

Archeological Resources

There are no archaeological resources in the project area.

Avoidance and Minimization Efforts

The MaineDOT has sought to avoid effects at this time by taking a minimally invasive approach to slow deterioration.

Dismissed Alternatives

No Build

The No Build alternative does not take any action and does not meet the purpose and need of the project because it would not address elements in poor condition and lead to closure. Therefore, it was removed from further consideration.

Proposed Materials

Rip Rap

Project Description

Preliminary Design Report, July 19, 2019

Attachments

Kirk Mohny, MHPC, to Julie Senk, MaineDOT, Concur, August 27, 2019

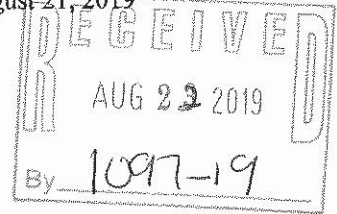
Art Spiess, MHPC, to Julie Senk, MaineDOT, April 19, 2019

STATE OF MAINE

Memorandum

Date: August 21, 2019

To: Kirk F. Mohney, MHPC
From: Julie Senk, MaineDOT Historic Coordinator
Subject: Section 106 request for concurrence
Project: Waldoboro 23462.00; MHPC# ~~H37-19~~ 1097-19
Scope: Bridge rehabilitation



The Maine DOT has reviewed this project pursuant to the Maine Programmatic Agreement (PA) and Section 106 of the National Historic Preservation Act of 1966, as amended.

The project consists of proposed rehabilitation of Rockland #65.19 Bridge #7659 in Waldoboro. Proposed scope is scour countermeasures at the abutments.

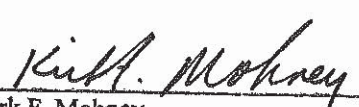
In accordance with 36 CFR Part 800.4, the following identification efforts of historic properties were made:

- 800.4(a) (1) – The Area of Potential Effect (APE) includes properties/structures adjacent to the bridge and within the project limits. The project limits are defined by the intersection and the immediately adjacent area. Properties/structures adjacent to this project limit are considered to be within the APE. The APE is shown as a defined polygon on the attached map.
- 800.4(a) (2) – Review of existing information consisted of researching the National Register and MHPC survey databases. The Maine Historic Preservation Commission Archaeological staff has reviewed the undertaking.
- 800.4(a) (3) – The Town of Waldoboro and applicable historical societies were contacted via letter and asked to comment on knowledge of, or concerns with, historic properties in the area, and any issues with the undertaking's effect on historic properties. The Town was also requested to provide information regarding local historic societies or groups. No replies have been received to date.
- 800.4(a) (4) – Letters outlining project location and scope were sent to the 4 federally recognized Tribes in Maine. The Houlton Band of Maliseets and Passamaquoddy Nation have replied with no concerns about the undertaking.
- 800.4(c) – The Maine DOT did conduct historic architectural surveys within the APE and determined that the bridge and a historic district are eligible for listing in the National Register of Historic Places. Maine Historic Preservation Commission Archaeological staff recommended a finding "that there will be no archaeological properties affected by the proposed undertaking." **The MaineDOT has determined that two historic properties within the APE are eligible for the National Register of Historic Places.**

In accordance with the PA and 36 CFR Part 800, please reply with your concurrence or objection to this determination of eligibility for listing in the National Register of Historic Places within 30 days.

Please contact me at Julie.Senk@maine.gov or 592-3486 if you have any questions. Thank you.

cc: CPD e-file
enc: Survey Package

CONCUR	
	8/27/19
Kirk F. Mohney, State Historic Preservation Officer	Date



MAINE HISTORIC PRESERVATION COMMISSION
55 CAPITOL STREET
65 STATE HOUSE STATION
AUGUSTA, MAINE
04333

JANET T. MILLS
GOVERNOR

KIRK F. MOHNEY
DIRECTOR

August 19, 2019

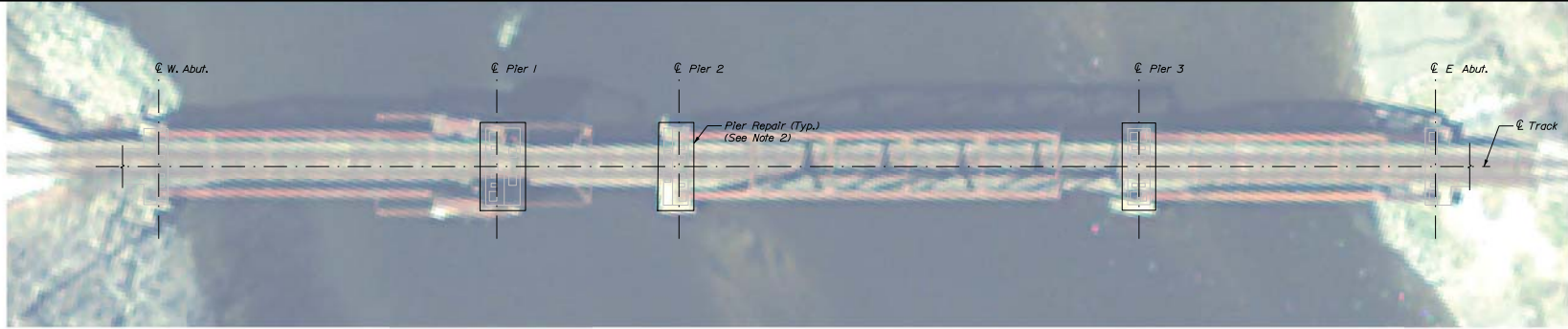
To: Ms. Julie Senk, MDOT/ESD

From: Arthur Spiess, Senior Archaeologist

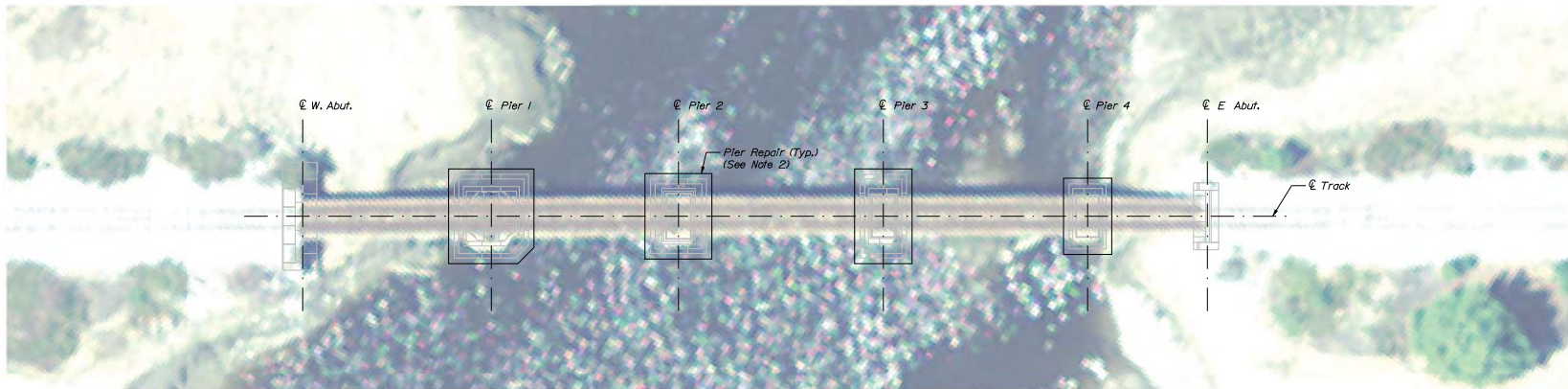
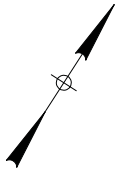
Subject: WIN 23462.00, Waldoboro, Rockland Branch bridge #7659, scour countermeasures, east abutment (MHPC -18)

Thank you for the plans and additional information that only the east abutment will be involved in the scour countermeasures work. After reviewing our archaeological survey records and maps, including historic maps and surficial geology maps, and comparing this information with a predictive model of archaeological site locations, we find that no archaeological fieldwork is necessary for this project, based on the project location plans received with your memo of August 16, 2019. It is extremely unlikely that an archaeological site would be affected by this project, in our opinion.

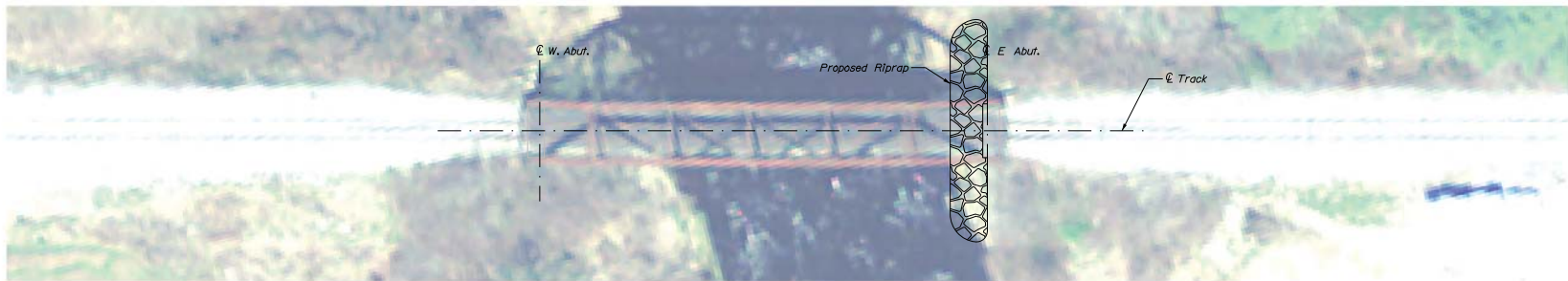
In following the procedures specified in the Federal Highway/MHPC/MDOT programmatic agreement, we **recommend a finding “that there will be no archaeological properties affected by the proposed undertaking.”**



GEORGES RIVER PLAN VIEW



NICHOLS RIVER PLAN VIEW



MEDOMAK RIVER PLAN VIEW

Draft PDR
July 19, 2019

- NOTES:**
 1. North arrow is shown for clarity and is approximate.
 2. Pier repair to be 1'-6" maximum outside footprint of existing.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	DATE	SIGNATURE
DESIGNED/FILED		
CHECKED/FILED		P.L. NUMBER
REVISIONS 1		DATE
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

GEORGES RIVER/NICHOLS RIVER/
MEDOMAK RIVER BRIDGES

SHEET NUMBER

S01

OF 4

PLAN VIEWS

WIN
022920.00
7667, 7665, 7659