

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



**SPECIFICATIONS**

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Ninth Edition 2020.

**DESIGN LOADING**

Live Load ..... HL - 93 Modified for Strength I

**MATERIALS**

Concrete:  
 Precast ..... Class "P"  
 All Other ..... Class "A"  
 Reinforcing Steel ..... ASTM A615, Grade 60

**BASIC DESIGN STRESSES**

Concrete:  
 Class "P" .....  $f'c = 5,000$  psi  
 Class "A" .....  $f'c = 4,000$  psi  
 Reinforcing Steel .....  $f_y = 60,000$  psi

## RICHMOND SAGADAHOC COUNTY STEWART BRIDGE OVER ABAGADASSETT RIVER ALEXANDER REED ROAD STATE PROJECT NUMBER 025069.00P BRIDGE NO. 6186

**LIST OF DRAWINGS**

Title Sheet .....	1
Precast Box Details .....	2

**MAINTENANCE OF TRAFFIC**

Closure and off-site detour

<u>PROJECT LOCATION</u>	Stewart Bridge (#6186) over Abagadasset River. Located 0.52 Miles South East of Brown Road Lat./Long. 44°07'37.5" N 69°50'25.7" W
<u>PROGRAM AREA</u>	Highway Bridges - Traditional
<u>OUTLINE OF WORK</u>	Bridge Culvert replacement of Stewart Bridge carrying Alexander Reed Road over the Abagadasset River

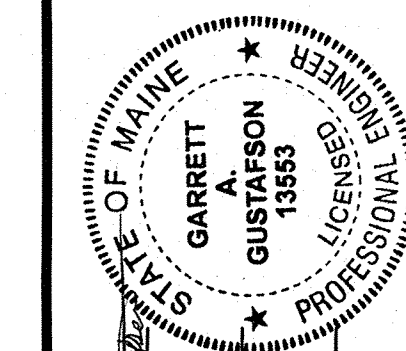
WIN 025069.00P

RICHMOND  
STEWART BRIDGE  
TITLE SHEET

SHEET NUMBER

1

OF 2



SIGNATURE: *Garrett Gustafson*  
 P.E. NUMBER: 13553  
 DATE: 4-3-22

PROGRAM	BRIDGE
PROJECT MANAGER	MACKENZIE KERBERGEN
DESIGNER	ROGER NAJIS
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER:	<i>[Signature]</i>	4-5-22
CHIEF ENGINEER:	<i>[Signature]</i>	4-4-2022

