



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

August 23, 2022
Subject: Evans Brook Bridge Deck
Replacement
State WIN: 018724.00
Location: **Batchelders Grant**
Amendment No. 3

Dear Sir/Ms.:

In the plans :

Remove: Page 12 of 22 WINGWALL DIMENSIONAL DETAILS in the plan set and **Replace:** With the attached WINGWALL DIMENSIONAL DETAILS **Dated** 8/22/22

The following question has been received:

Question: Reference item 677.2 Mechanically Stabilized Earth Retaining Wall (88 sf). We are being told that there is not enough information contained in the plans to quote this item as specified. Furthermore, the quantity does not warrant the specified manufacturer's engineering overhead costs. Would a product from a different spec section be acceptable?

Response: Yes, the Department will accept alternative

retaining wall to be proposed from Standard Specification SECTION 674 - PREFABRICATED CONCRETE MODULAR GRAVITY WALL. We would also accept a retaining wall meeting the requirements of Standard Specification SECTION 672 - PRECAST CONCRETE BLOCK GRAVITY WALL or

SECTION 681 – PRECAST AGGREGATE-FILLED, CONCRETE BLOCK GRAVITY WALL. Alternatively, the Department would accept a cast-in-place concrete cantilevered gravity wall to be designed. Retaining walls per Section 672 or 681, as well as a cast-in-place option shall have a geotechnical design performed and be fully designed, detailed, and submitted as Working Drawings for approval, including calculations stamped by a Professional Engineer licensed in the State of Maine. This substitution would be done as a no-cost Contract Modification.

The retaining wall shall be designed with the following criteria:

Frost depth – 5 feet

Factored Bearing Resistance (**Strength Limit State**) – 4 ksf

Consider these changes and information prior to submitting your bid on **August 24, 2022**

Sincerely,

A handwritten signature in blue ink, appearing to read "George Macdougall". The signature is fluid and cursive, with a large initial "G" and "M".

George M. A. Macdougall P.E.

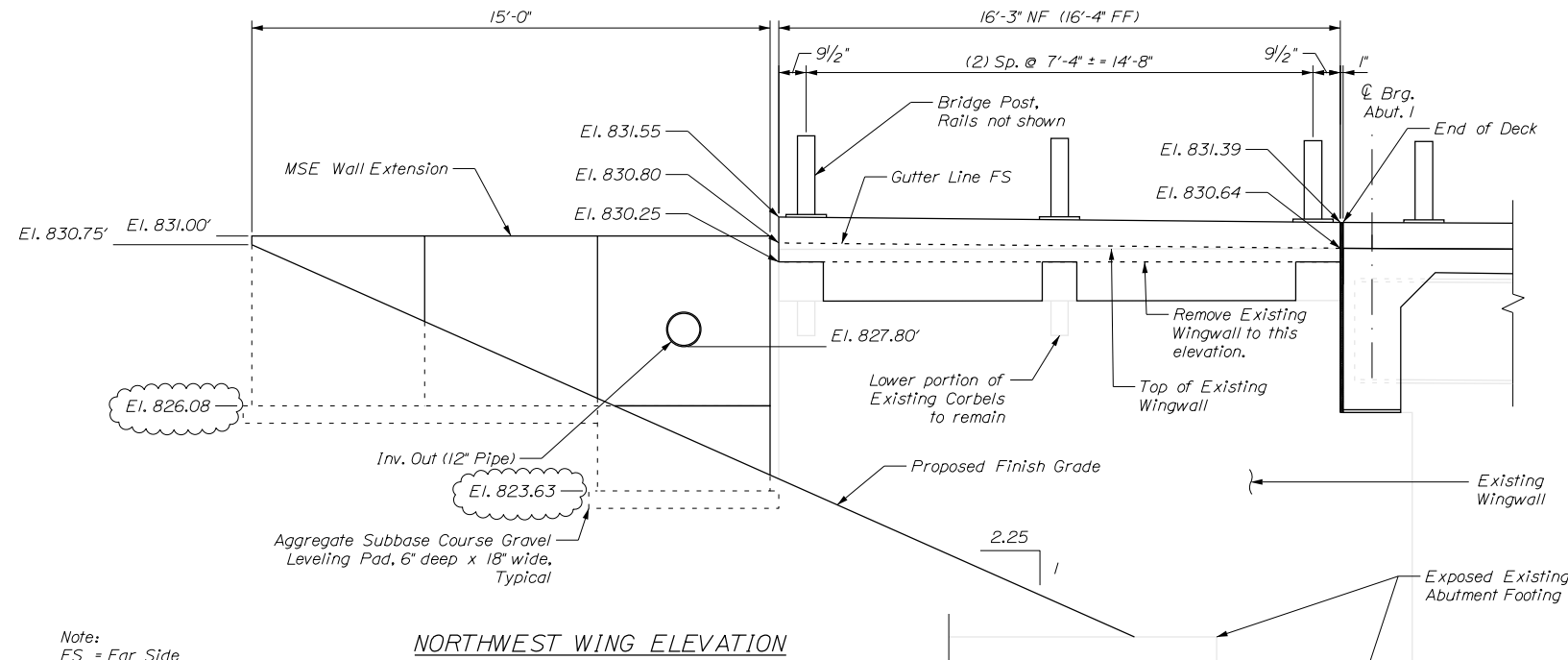
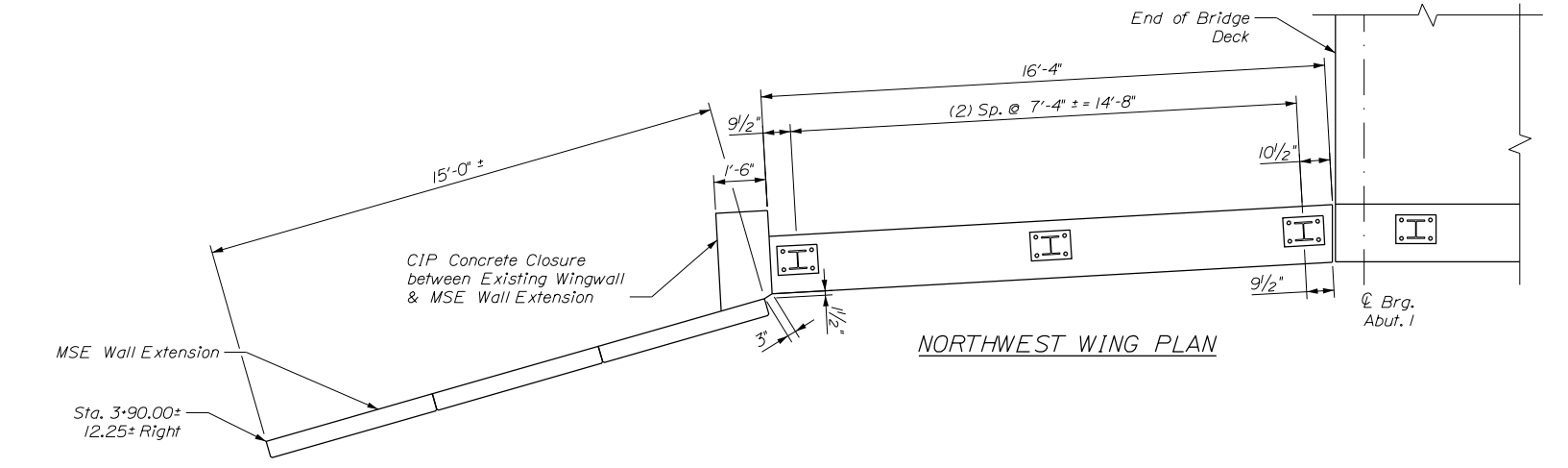
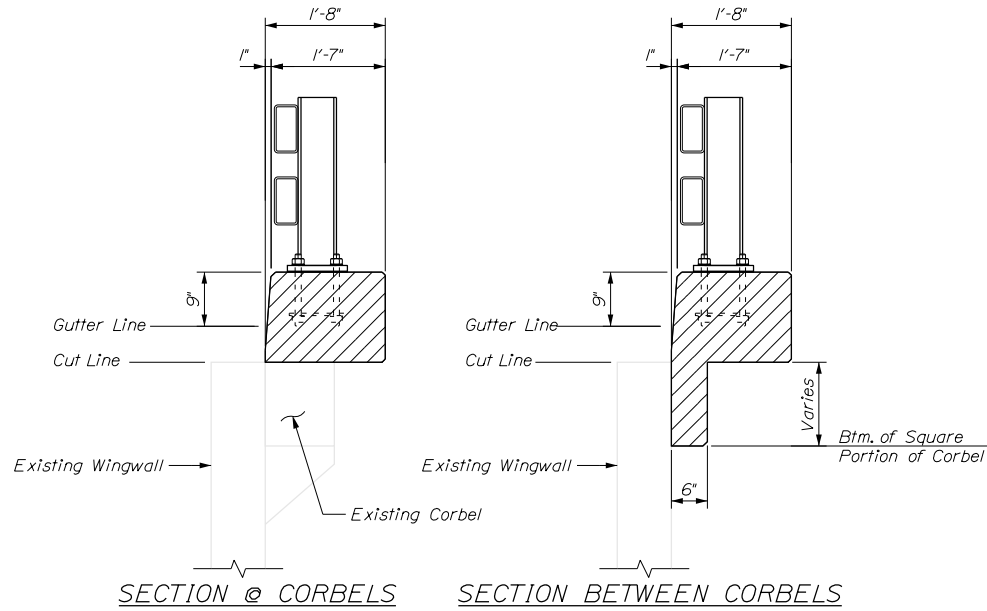
Contracts & Specifications Engineer

Date: 8/22/2022

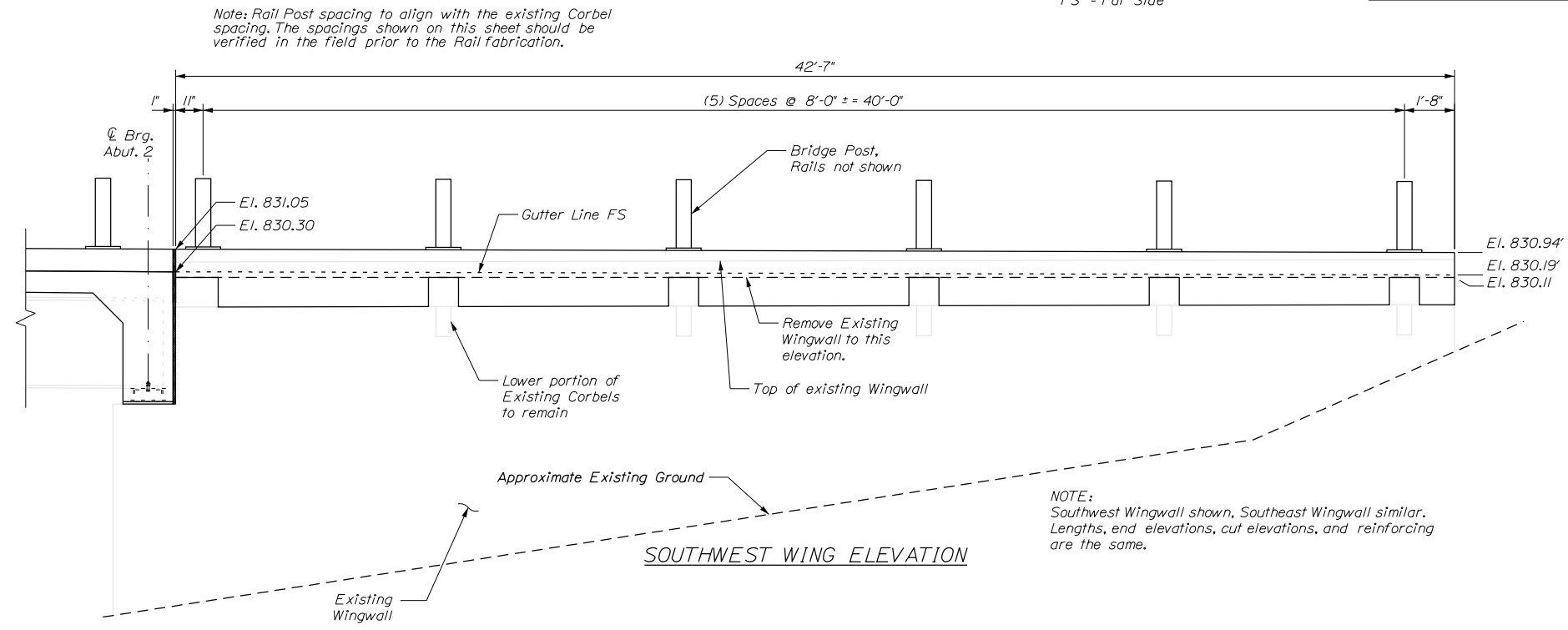
Username: common

Division: HIGHWAY

Filename: ... \012_WingwallDetails.dgn



Note: FS = Far Side



NOTE: Southwest Wingwall shown, Southeast Wingwall similar. Lengths, end elevations, cut elevations, and reinforcing are the same.

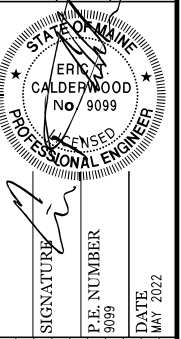
WINGWALL NOTES

1. Reinforcing steel shall have a minimum concrete cover of 2 inches.
2. All Wingwall reinforcing shall be ASTM A615, Grade 60, plain.
3. For drilling and anchoring the reinforcement into the existing abutments, the anchoring material shall be chosen from the MaineDOT prequalified list and shall be submitted to the Resident for approval.
4. Existing concrete at wingwalls to be removed as shown on the plans, unless otherwise noted, shall be sawcut one-inch deep prior to removing existing concrete. All costs associated with the work shall be considered incidental to related Contract Items.
5. Removal of wingwall concrete from the cut line upwards, including the concrete railing and posts, shall be paid for under Pay Item 202.12, typical @ NW, SW, & SE wingwalls. Removal of the existing concrete posts and rails on top of the wingwalls shall be considered incidental to Pay Item 202.12
6. Removal of Northeast Wingwall shall be paid for under Pay Item 202.12

MSE WALL NOTES

1. The MSE Wall should be designed based on an internal friction angle of 32 degrees and a soil weight of 125 pcf.
2. The gravel leveling pads below the MSE walls shall be considered incidental to Pay Item 677.20

STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1872(400) WIN 018724.00



PROJ. MANAGER	J. STETSON	BY	DATE
DESIGN-DETAILED	PAB	JH/DLM	MAY 2021
CHECKED-REVIEWED	ETC	ETC	MAY 2021
DESIGN-DETAILED	ETC		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BATCHELERS GRANT EVANS BROOK BRIDGE WINGWALL DIMENSIONAL DETAILS

SHEET NUMBER

12

OF 22

