



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

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

January 24, 2025  
Subject: Cronwell Brook Bridge  
Replacement  
State WIN: 026574.00  
Location: Bar Harbor  
**Amendment No. 2**

Dear Sir/Ms.:

Make the following changes to the bid book

**Remove** Page ninety one titles SPECIAL PROVISION SECTION 502 STRUCTURAL CONCRETE (combined Aggregate Grading for Concrete and **Replace** with the attached SPECIAL PROVISION SECTION 502 STRUCTURAL CONCRETE (Combined Aggregate Grading for Concrete) totaling one page

**Remove** page ninety two titled SPECIAL PROVISION SECTION 703 AGGREGATES (Combined Aggregate Grading for Concrete) totaling one page and **Replace** with the attached SPECIAL PROVISION SECTION 703 AGGREGATES (Combined Aggregate Grading for Concrete) totaling one page

Consider these changes and information prior to submitting your bid on **January 29, 2025**.

Sincerely,

A handwritten signature in blue ink that reads 'George Macdougall'.

George M. A. Macdougall P.E.  
Contracts & Specifications Engineer

SPECIAL PROVISION  
SECTION 502  
STRUCTURAL CONCRETE  
(Combined Aggregate Grading for Concrete)

502.03 Materials Add the following:

Combined Aggregate Grading for Concrete

703.03

502.1701 Quality Control, Method A and B Amend the paragraph before Table 4 as follows:

The Contractor shall maintain records of all QC tests and calculations. The gradation test data and results shall be reported to the Department before the placement they represent. The Contractor or supplier shall retain split samples of the most recent QC gradations for possible testing by the Department. In addition, the Department will sample the aggregates at the plant monthly to determine compliance with 703.03 Combined Aggregate Grading for Concrete. The Combined Aggregate Grading will be calculated by mathematically blending the individual aggregate gradations using the batch percentages from the approved mix design. If the Department's gradation tests determine that the aggregate does not meet the specified gradation limits, the current procedure mentioned in MaineDOT PCC Policies and Procedures Manual shall be followed. The compressive strength test results shall be reported to the Department by 10:00 A.M. of the first working day following the test. All QC test data shall be signed by the person who performed the test. The Contractor shall record all onsite QC test data and calculations at the time of the placement and present this information, on a form acceptable to the Department, to the Department by 10:00 A.M. of the first working day following the concrete placement. All Method A and B QC testing shall meet the minimum requirements found in Table 4.

SPECIAL PROVISION  
SECTION 703  
 AGGREGATES  
 (Combined Aggregate Grading for Concrete)

SECTION 703 – AGGREGATES Add the following:

703.03 Combined Aggregate Grading for Concrete The combined gradation of the fine and coarse aggregates when mathematically blended using the mix design percentages shall conform to the requirements of the following table for the size or sizes designated and shall be well graded between the limits specified.

Sieve Designation	Percentage by Weight Passing Square Mesh Sieves			
Grading	S	A	AA	LATEX
Aggregate Size	1½ inch	1 inch	¾ inch	½ inch
2 inch	100			
1½ inch	95–100	100		
1 inch	80–100	95–100	100	
¾ inch	55–90	90–100	93–100	100
½ inch	45–80	55–80	60–90	90–100
⅜ inch	40–65	40–65	50–80	55–85
No. 4	35–55	35–55	35–60	30–60
No. 8	25–53	28–50	30–55	25–55
No. 16	15–40	18–45	19–45	18–50
No. 30	7–30	9–30	10–33	8–32
No. 50	3–14	4–14	4–16	3–16
No. 100	0–6	0–6	0–6	0–6
No. 200	0–3.5*	0–3.5*	0–3.5*	0–3.5*

\*The percent passing the No. 200 sieve shall not exceed 6.0 percent for any fine aggregate. The percent passing the No. 200 sieve shall not exceed 2.0 percent for any single coarse aggregate. The percent passing the No. 200 sieve shall not exceed 4.0 percent for the combined gradation of self-consolidating concrete (SCC) mix designs.