

# September 2021 ERRATA for AASHTO Guide Design Specifications for Bridge Temporary Works, 2nd Edition (GSBTW-2)

September 2021

Dear Customer:

AASHTO has issued an erratum, which includes technical revisions, for the *AASHTO Guide Design Specifications for Bridge Temporary Works, 2nd Edition (GSBTW-2)*. Below, please find the errata listing of the change. The change detailed in the table is displayed in **bold** on the affected page within the text.

Please feel free to download this listing from the AASHTO online Store at:  
<https://downloads.transportation.org/GSBTW-2-Errata.pdf>

AASHTO staff sincerely apologizes for any inconvenience.

Original Page	Section	Existing Text	Corrected Text
A-1	Appendix A, DOUGLAS FIR-LARCH (All sub-species): Joists and Planks, Extreme Fiber in Bending, $F_b$	1175	500

APPENDIX A

MAXIMUM DESIGN VALUES FOR UNGRADED STRUCTURAL LUMBER<sup>a</sup>

Species/Size Classification	Stress (psi)					Modulus of Elasticity (psi)	
	Extreme Fiber in Bending, $F_b$	Tension Parallel to Grain, $F_t$	Horizontal Shear, $F_v$	Compression Perpendicular to Grain, $F_{c\perp}$	Compression Parallel to Grain, $F_c$	$E$	$E_{min}$
DOUGLAS FIR-LARCH (All sub-species)							
Light Framing <sup>b</sup>	250	150	180	520	900	1,000,000	370,000
Joists and Planks <sup>c</sup>	<b>500</b>	300	180	520	775	1,100,000	400,000
Beams and Stringers <sup>d</sup>	825	425	165	520	550	1,000,000	370,000
Posts and Timbers <sup>e</sup>	675	450	165	520	650	1,000,000	370,000
HEM-FIR (All sub-species)							
Light Framing <sup>b</sup>	250	150	145	405	850	1,100,000	400,000
Joists and Planks <sup>c</sup>	500	300	145	405	725	1,200,000	440,000
Beams and Stringers <sup>d</sup>	675	325	135	405	475	1,100,000	400,000
Posts and Timbers <sup>e</sup>	550	375	135	405	575	1,100,000	400,000
MIXED MAPLE							
Light Framing <sup>b</sup>	225	125	195	620	375	900,000	330,000
Joists and Planks <sup>c</sup>	400	250	195	620	325	1,000,000	370,000
Beams and Stringers <sup>d</sup>	625	325	180	620	375	900,000	330,000
Posts and Timbers <sup>e</sup>	500	350	180	620	300	900,000	330,000
MIXED OAK							
Light Framing <sup>b</sup>	250	150	170	800	425	800,000	290,000
Joists and Planks <sup>c</sup>	475	275	170	800	375	800,000	290,000
Beams and Stringers <sup>d</sup>	725	375	155	800	450	800,000	290,000
Posts and Timbers <sup>e</sup>	575	400	155	800	350	800,000	290,000
NORTHERN RED OAK							
Light Framing <sup>b</sup>	300	175	220	885	500	1,000,000	370,000
Joists and Planks <sup>c</sup>	550	325	220	885	425	1,200,000	440,000
Beams and Stringers <sup>d</sup>	875	425	205	885	500	1,000,000	370,000
Posts and Timbers <sup>e</sup>	700	475	205	885	400	1,000,000	370,000
RED MAPLE							
Light Framing <sup>b</sup>	275	150	210	615	475	1,200,000	440,000
Joists and Planks <sup>c</sup>	525	300	210	615	400	1,300,000	470,000
Beams and Stringers <sup>d</sup>	800	400	195	615	475	1,200,000	440,000
Posts and Timbers <sup>e</sup>	650	425	195	615	375	1,200,000	440,000