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

Documents
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Full document details: AASHTO GSBTW-2-2017 errata 2021

APPENDIX A

MAXIMUM DESIGN VALUES FOR UNGRADED STRUCTURAL LUMBER[a]

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[b]	250	150	180	520	900	1,000,000	370,000
Joists and Planks[c]	**500**	300	180	520	775	1,100,000	400,000
Beams and Stringers[d]	825	425	165	520	550	1,000,000	370,000
Posts and Timbers[e]	675	450	165	520	650	1,000,000	370,000
HEM-FIR (All sub-species)							
Light Framing[b]	250	150	145	405	850	1,100,000	400,000
Joists and Planks[c]	500	300	145	405	725	1,200,000	440,000
Beams and Stringers[d]	675	325	135	405	475	1,100,000	400,000
Posts and Timbers[e]	550	375	135	405	575	1,100,000	400,000
MIXED MAPLE							
Light Framing[b]	225	125	195	620	375	900,000	330,000
Joists and Planks[c]	400	250	195	620	325	1,000,000	370,000
Beams and Stringers[d]	625	325	180	620	375	900,000	330,000
Posts and Timbers[e]	500	350	180	620	300	900,000	330,000
MIXED OAK							
Light Framing[b]	250	150	170	800	425	800,000	290,000
Joists and Planks[c]	475	275	170	800	375	800,000	290,000
Beams and Stringers[d]	725	375	155	800	450	800,000	290,000
Posts and Timbers[e]	575	400	155	800	350	800,000	290,000
NORTHERN RED OAK							
Light Framing[b]	300	175	220	885	500	1,000,000	370,000
Joists and Planks[c]	550	325	220	885	425	1,200,000	440,000
Beams and Stringers[d]	875	425	205	885	500	1,000,000	370,000
Posts and Timbers[e]	700	475	205	885	400	1,000,000	370,000
RED MAPLE							
Light Framing[b]	275	150	210	615	475	1,200,000	440,000
Joists and Planks[c]	525	300	210	615	400	1,300,000	470,000
Beams and Stringers[d]	800	400	195	615	475	1,200,000	440,000
Posts and Timbers[e]	650	425	195	615	375	1,200,000	440,000

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