

Temporary Slab Bridges – Sizing

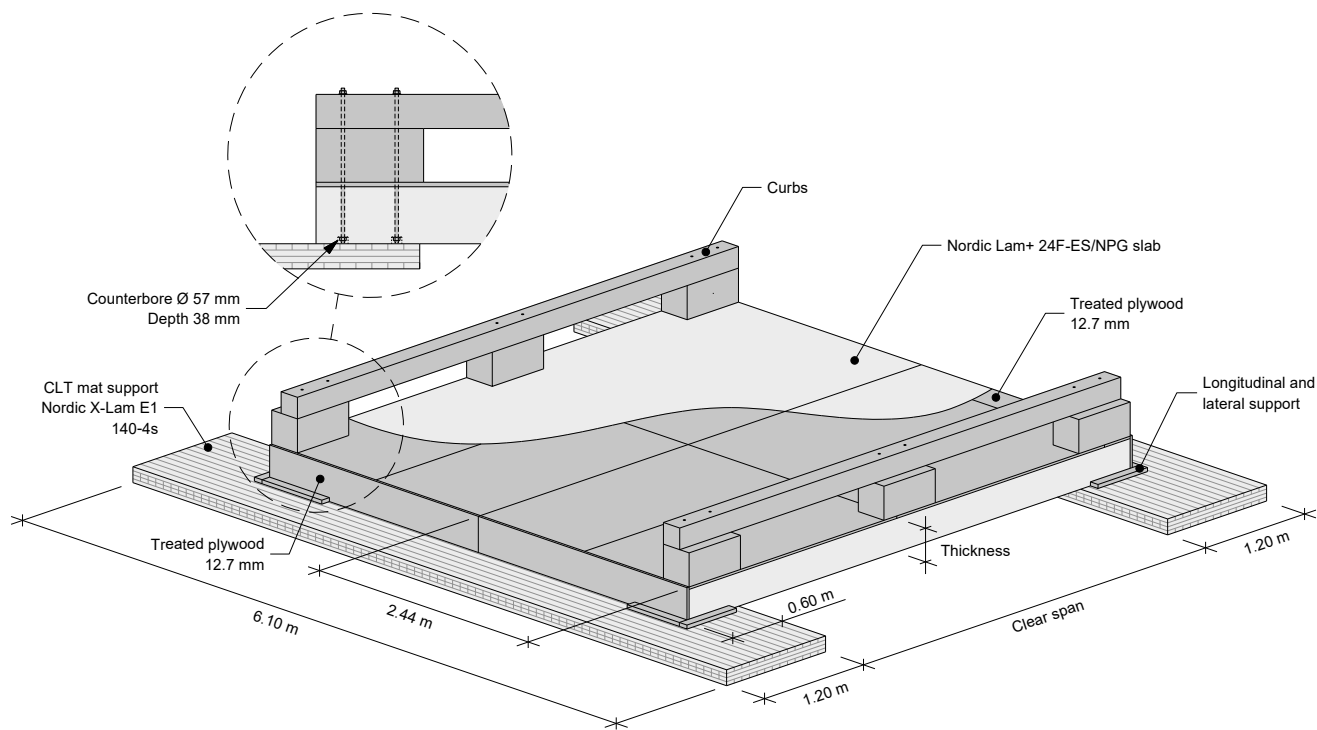
Sizing

Slab thickness (mm)

Loading	Clear span (m)																		
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
CL-625	140	140	165	190	190	203	228	228	247	279	279	318	318	318	318	350	350	380	380
CF3E-60t	140	140	165	165	190	228	228	247	279	279	318	318	327	350	350	380	380	395	395
CF3E-70t	140	140	165	190	203	228	247	279	279	318	318	350	350	380	380	395	395	456	456
CF3E-80t	140	165	190	190	228	247	279	279	318	318	350	350	380	380	395	406	456	456	456
CF3E-90t	140	165	190	203	228	279	279	318	318	350	350	380	380	395	456	456	456	456	494
CF3E-100t	140	165	190	228	247	279	318	318	327	350	380	395	406	456	456	456	494	494	494
CF3E-110t	165	190	203	228	247	279	318	327	350	380	380	406	456	456	456	494	494	494	558
CF3E-120t	165	190	203	228	279	318	318	350	380	380	395	456	456	456	494	494	494	558	558
CF3E-130t	165	190	228	247	279	318	318	350	380	395	406	456	456	494	494	494	558	558	558
CFHN-140t	165	190	203	228	247	279	318	318	350	380	395	456	456	494	494	558	558	558	558
CFHN-150t	165	190	203	228	279	279	318	327	380	395	456	456	456	494	494	558	558	558	603

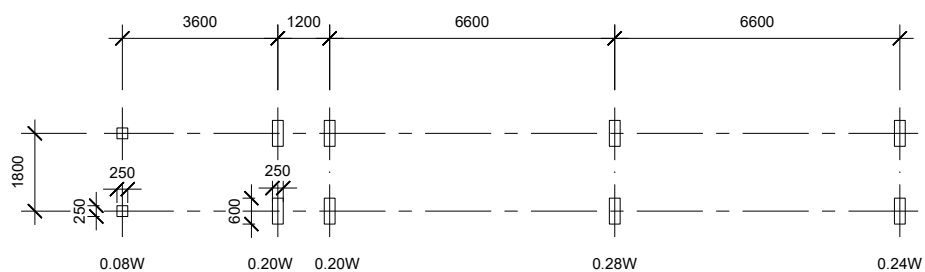
Notes:

1. Slab thicknesses are based on wet service conditions and assuming new condition, and apply to temporary slab bridges installed as shown below.
2. The factored bending moment, shear, and perpendicular-to-grain compressive resistances are verified using an effective width equal to the wheel width plus twice the slab thickness. Maximum live load deflection is limited to $L/400$, with the live load factored by 0.85 in accordance with Clause 3.16.3 of CSA S6:25.
3. The soil bearing resistance must be verified separately.

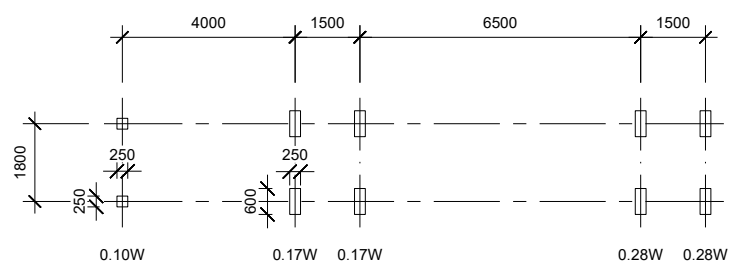


Temporary Slab Bridges – CL-W, CF3E-W, and CFHN-W Trucks

CL-W



CF3E-W



CFHN-W

