

## Temporary Slab Bridges – Sizing

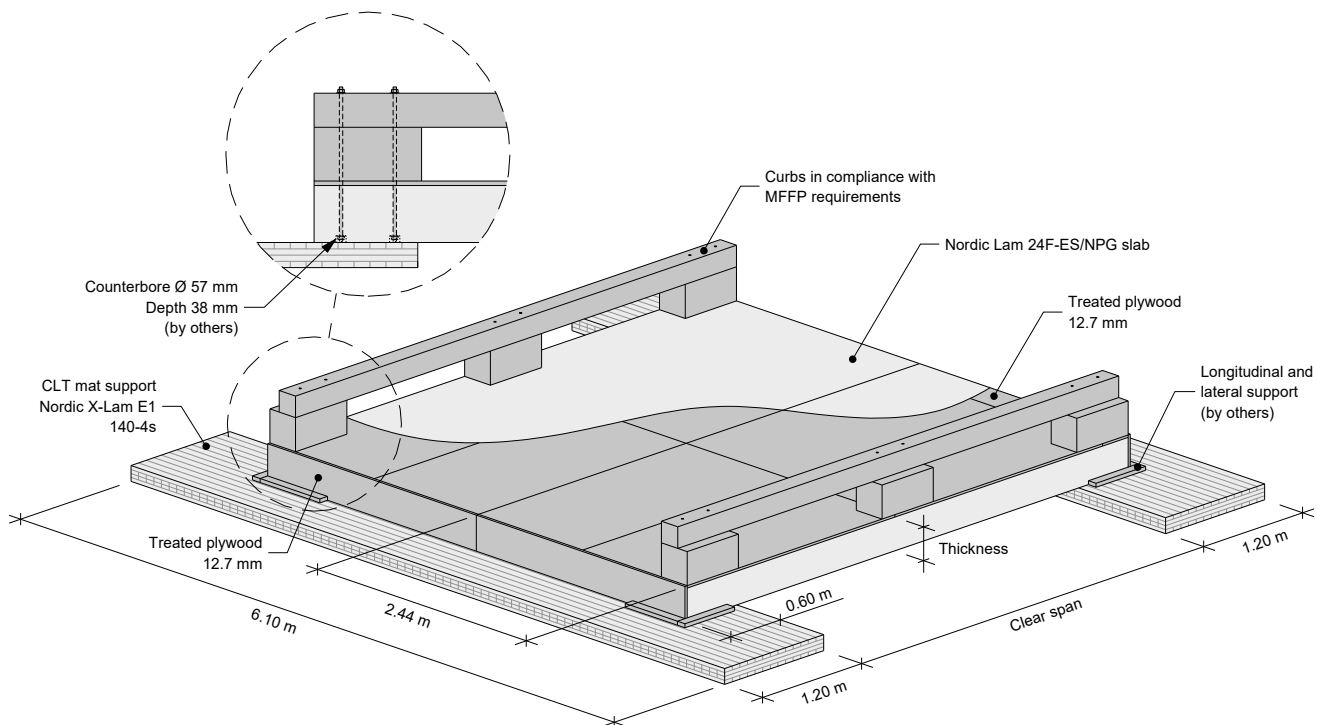
### Sizing

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
Volvo A25G	140	140	165	165	190	203	228	247	279	279	318	318	318	327	350	380	380	395	-
CL-625	140	140	165	190	190	203	228	228	247	279	279	318	318	318	327	350	350	380	380
CF3E-70t	140	140	165	190	203	228	247	279	318	318	318	350	350	380	380	395	-	-	-
CF3E-100t	140	165	190	228	247	279	318	318	350	350	380	395	-	-	-	-	-	-	-
CF3E-140t	165	203	228	247	279	318	350	380	380	-	-	-	-	-	-	-	-	-	-
CCL-180t	140	165	190	228	247	279	318	318	350	380	395	-	-	-	-	-	-	-	-

### Notes:

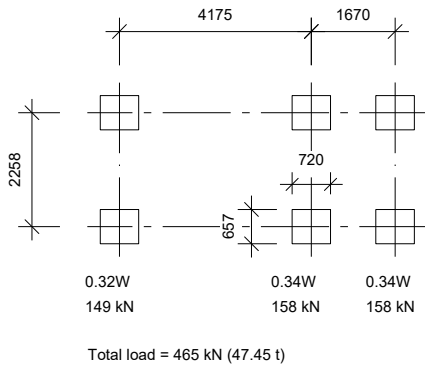
1. The tabulated thickness values are based on wet service conditions and like-new condition, and are applicable to temporary slab bridges meeting the requirements presented in the figure below.
2. The ultimate limit states are based on an effective width corresponding to the wheel width plus two times the slab thickness and take into account the factored bending moment, shear, and bearing resistances. The serviceability limit states include a live load deflection limit of  $L/400$ . Live load is factored by 0.85 as per Clause 3.16.3 of CSA S6-14.
3. The contractor shall verify the adequacy of the soil bearing capacity.



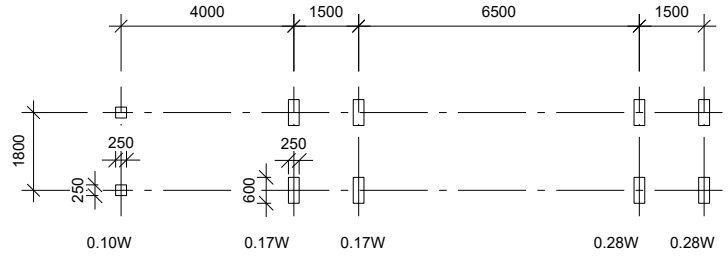
Typical Temporary Slab Bridge

## Temporary Slab Bridges – Truck Configurations

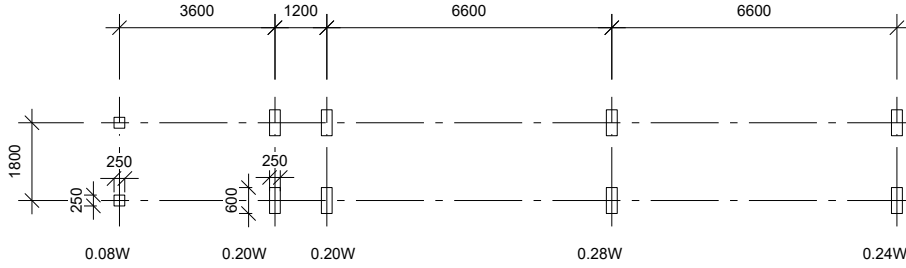
### Volvo A25G



### CF3E-W Truck



### CL-W Truck



### CCL-W Truck

