



ATTACHMENT 1

15-14 LOADS FOR TEMPORARY HIGHWAY STRUCTURES

	OVER VEHICULAR AND/OR PEDESTRIAN TRAFFIC	NOT OVER VEHICULAR OR PEDESTRIAN TRAFFIC
STRUCTURES CARRYING NON-VEHICULAR LOADS ONLY	<ol style="list-style-type: none"> Vertical loads--same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor. Lateral loads in both the longitudinal and transverse direction--the larger of: <ol style="list-style-type: none"> Construction staging Load combinations listed in the Department's Falsework Manual Seismic--25% dead load, factored by 1.0 and applied at the center of gravity 	<ol style="list-style-type: none"> Vertical loads--same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor. Lateral loads in both the longitudinal and transverse direction--the larger of: <ol style="list-style-type: none"> Construction staging Load combinations listed in the Department's Falsework Manual Seismic--10% dead load, factored by 1.0 and applied at the center of gravity
HAUL BRIDGES (STRUCTURES SUPPORTING CONSTRUCTION EQUIPMENT)	<ol style="list-style-type: none"> Vertical--dead loads with anticipated vehicular load combinations, including any special equipment loads. See MTD 15-15 on Material Hauling Equipment loads, or MTD 15-16 on construction equipment loads. Lateral loads in the longitudinal direction (parallel to the centerline of structure)--the larger of: <ol style="list-style-type: none"> Braking force--15% LL applied 6 ft above deck surface Seismic--25% dead load, factored by 1.0 and applied at the center of gravity Lateral loads in the transverse direction (perpendicular to centerline of the structure)--the larger of: <ol style="list-style-type: none"> Seismic--25% dead load, factored by 1.0 and applied at the center of gravity Load combinations listed in the Department's Falsework Manual. 	<ol style="list-style-type: none"> Vertical--dead loads with anticipated vehicular load combinations, including any special equipment loads. See MTD 15-15 on Material Hauling Equipment loads, or MTD 15-16 on construction equipment loads. Lateral loads in the longitudinal direction (parallel to the centerline of structure)--the larger of: <ol style="list-style-type: none"> Braking force--15% LL applied 6 ft above deck surface Seismic--10% dead load, factored by 1.0 and applied at the center of gravity Lateral loads in the transverse direction (perpendicular to centerline of the structure)--the larger of: <ol style="list-style-type: none"> Seismic--10% dead load, factored by 1.0 and applied at the center of gravity Load combinations listed in the Department's Falsework Manual.