



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"> 1. Vertical loads - same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor. 2. Lateral loads in both the longitudinal and transverse direction - the larger of: <ol style="list-style-type: none"> a. Construction staging. b. Load combinations listed in the Department's Falsework Manual. c. Design Seismic Hazard as described in MTD 20-2. 	<ol style="list-style-type: none"> 1. Vertical loads - same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor. 2. Lateral loads in both the longitudinal and transverse direction - the larger of: <ol style="list-style-type: none"> a. Construction staging. b. Load combinations listed in the Department's Falsework Manual. c. 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"> 1. 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. 2. Lateral loads in the longitudinal direction (parallel to the centerline of structure) - the larger of: <ol style="list-style-type: none"> a. Braking force - 15% LL applied 6 ft above deck surface. b. Design Seismic Hazard as described in MTD 20-2. 3. Lateral loads in the transverse direction (perpendicular to centerline of the structure) - the larger of: <ol style="list-style-type: none"> a. Design Seismic Hazard as described in MTD 20-2. b. Load combinations listed in the Department's Falsework Manual. 	<ol style="list-style-type: none"> 1. 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. 2. Lateral loads in the longitudinal direction (parallel to the centerline of structure) - the larger of: <ol style="list-style-type: none"> a. Braking force - 15% LL applied 6 ft above deck surface. b. 10% dead load, factored by 1.0 and applied at the center of gravity. 3. Lateral loads in the transverse direction (perpendicular to centerline of the structure)-the larger of: <ol style="list-style-type: none"> a. 10% dead load, factored by 1.0 and applied at the center of gravity. b. Load combinations listed in the Department's Falsework Manual.