

BRIDGE DESIGN BULLETIN 2021-1

TO: All Bridge Engineers

FROM: David L. Eberhart, P.E.
State Bridge Engineer

CC: Chad Matty (Federal Highway Administration)

DATE: May 7, 2021

RE: ADOT Bridge Load Rating Guidelines Revision

Purpose

The latest revision of AOT Bridge Group's [Bridge Load Rating Guidelines](#) dated February 2021, are available on the ADOT Bridge Group website. These guidelines are intended to describe bridge load rating procedures that must be followed in Arizona, and to provide uniform interpretation of the various nationally available guides.

Revisions and Updates

Additional vehicle posting loads and signs for Emergency Vehicles and Special Haul Vehicles subject to bridge load rating mandated by FHWA are introduced in the guidelines. All new highway bridges in the state designed after January 1 2021 are required to be load rated for these addition vehicle loads in accordance with the updated bridge load rating report form, which has been revised in the guidelines. In addition, there are new provisions for load rating of concrete slab bridges under Section 6A.8 Posting of Bridges.