



April 12, 2021

TO: ALL USERS OF BRIDGE AND TUNNEL DATA

SUBJECT: ARIZONA STATE HIGHWAY BRIDGE AND TUNNEL INVENTORY

This electronic copy of the Arizona State Highway Bridge and Tunnel Inventory supersedes all previous editions. The inventory includes all structures that are defined as a Bridge or Tunnel (see below) and are located on the Arizona State Highway system.

A "Bridge" is defined as a structure including supports erected over a depression or an obstruction, as water, highway, or railway and having a track or passageway for carrying traffic or other moving loads, and having an opening measured along the center of the roadway of more than 20 feet between under copings of abutments or spring lines of arches, or extreme ends of openings for multiple boxes; it may include multiple pipes, where the clear distance between openings is less than half of the smaller contiguous opening.

A "Tunnel" is defined as an enclosed roadway for motor vehicular traffic with vehicle access limited to portals, regardless of type of structure or method of construction. Tunnels do not include bridges or culverts inspected under the National Bridge Inspection Standards (23 CFR 650 – Subpart C – National Bridge Inspection Standards). Tunnels are structures that require, based on owner's determination, special design considerations that may include lighting, ventilation, fire protection systems, and emergency egress capacity.

Structures are sorted by milepost and grouped by route in ascending order.

The data presented for each structure is obtained from the most recent bridge or tunnel inspection report from the Bridge Management Section. All defined Bridges and Tunnels are inspected at predetermined intervals according to Title 23, Part 650 of the Code of Federal Regulations. A complete description of the individual data items may be obtained from the "Recording and Coding Guide for Structure Inventory and Appraisal of the Nation's Bridges," December 1995 edition, and up-to-date revisions, from the "Manual for Evaluation of Bridges 2018", published by the American Association of State Highway and Transportation Officials, and the "Specifications for the National Tunnel Inventory", June 2015, published by the Federal Highway Administration.