Bridge Data

Overview

This page is intended to help users get their own bridge data into MAEviz. The information you will find in this document is:

- File Types & Format
- Field Descriptions

File Types & Format

Bridge data is expected to be in ESRI's shapefile format and contain column information that defines the bridge attributes. The more complete the attribute coverage, the more in depth analysis that can be run on the bridge. The coordinate system for the bridges should be WGS84.

Field Descriptions

Field Name	Field Description	Field Type
id	Bridge Identifier	Integer
class	Bridge Classification	String
spans	Number of Bridge Spans	String
str_lng	Structure Length	String
dckwidth	Deck Width Out to Out	String

The bridge span column is a String because the National Bridge Inventory (NBI) convention of the three digit span (e.g. 3 spans is listed as 003). The Length of the bridge is 6 digits and is also a String because of NBI Convention (e.g. 000844 is 84.4 meters). The Deck Width is a 4 digit attribute is stored in a similar way to the Length (e.g. 0412 is 41.2 meters).