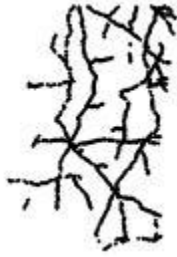


MS_Railroad_Bridges

Shapefile



Tags

Massachusetts, Wooden bridges., Kentucky, Indiana, Iowa, Continuous bridges, Wisconsin, Oregon, Colorado, Vermont, Wyoming, Railroad, Box girder bridges, transportation, transportation, Arch bridges., Missouri, Steel plate deck bridges, Transportation., Cantilever bridges, United States--Territories and possessions., Railroad bridges., North Carolina, Masonry bridges, New Hampshire, Suspension bridges., Concrete bridges., New York, Idaho, West Virginia, Virginia, Arkansas, Ohio, Alabama, Bridges., South Carolina, Washington (D.C.), Maryland, Plate girder bridges, Texas, Culverts., Michigan, Ferry bridges, Rhode Island, California, Minnesota, Kansas, Delaware, Aluminum bridges, Nebraska, Georgia, Short-span bridges, Truss bridges., Maine, South Dakota, Connecticut, Pennsylvania, United States., Louisiana, New Mexico, Illinois, North Dakota, Arizona, Alaska, Washington, Florida, Oklahoma, Long-span bridges, Puerto Rico, Mississippi, Montana, Cable-stayed bridges., Utah, New Jersey, Covered bridges., structure, structure, Causeways, Nevada, Movable bridges., Tennessee

Summary

This dataset represents Bridges-Rail in the United States According to The National Bridge Inspection Standards published in the Code of Federal Regulations (23 CFR 650.3), a bridge is: A structure including supports erected over a depression or an obstruction, such as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads. Each bridge was captured as a point which was placed in the center of the "main span" (highest and longest span). For bridges that cross navigable waterways, this was typically the part of the bridge over the navigation channel. If no "main span" was discernable using the imagery sources available, or if multiple non contiguous main spans were discernable, the point was placed in the center of the overall structure. Bridges that are sourced from the National Bridge Inventory (NBI) that cross state boundaries are an exception. Bridges that cross state boundaries are represented in the NBI by two records. The points for the two records have been located so as to be within the state indicated by the NBIs [STATE_CODE] attribute. In some cases, following these rules did not place the point at the location at which the bridge crosses what the user may judge as the most important feature intersected. For example, a given bridge may be many miles long, crossing nothing more than low lying ground for most of its length but crossing a major interstate at its far end. Due to the fact that bridges are often high narrow structures crossing depressions that may or may not be too narrow to be represented in the DEM used to orthorectify a given source of imagery, alignment with ortho imagery is highly variable. In particular, apparent bridge location in ortho imagery is highly dependent on collection angle. During verification, TechniGraphics used imagery from the following sources: NGA HSIP 133 City, State or Local; NAIP; DOQQ imagery. In cases where "bridge sway" or "tall structure lean" was evident, TGS attempted to compensate for these factors when capturing the bridge location. For instances in which the bridge was not visible in imagery, it was captured using topographic maps at the intersection of the water and rail line. TGS processed 784 entities previously with the HSIP Bridges-Roads (STRAHNET Option - HSIP 133 Cities and Gulf Coast). These entities were added into this dataset after processing. No entities were included in this dataset for American Samoa, Guam, Hawaii, the Commonwealth of the Northern Mariana Islands, or the Virgin Islands because there are no main line railways in these areas. At the request of NGA, text fields in this

dataset have been set to all upper case to facilitate consistent database engine search results. At the request of NGA, leading and trailing spaces were trimmed from all text fields. At the request of NGA, all diacritics (e.g., the German umlaut or the Spanish tilde) have been replaced with their closest equivalent English character to facilitate use with database systems that may not support diacritics. The currentness of this dataset is given by the publication date which is 09/02/2009. A more precise measure of currentness cannot be provided since this is dependent on the NBI and the source of imagery used during processing. **** NOTE April 2017, MARIS clipped out the MS portion of this data set for distribution ****

Description

This dataset represents Bridges-Rail in the United States According to The National Bridge Inspection Standards published in the Code of Federal Regulations (23 CFR 650.3), a bridge is: A structure including supports erected over a depression or an obstruction, such as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads. Each bridge was captured as a point which was placed in the center of the "main span" (highest and longest span). For bridges that cross navigable waterways, this was typically the part of the bridge over the navigation channel. If no "main span" was discernable using the imagery sources available, or if multiple non contiguous main spans were discernable, the point was placed in the center of the overall structure. Bridges that are sourced from the National Bridge Inventory (NBI) that cross state boundaries are an exception. Bridges that cross state boundaries are represented in the NBI by two records. The points for the two records have been located so as to be within the state indicated by the NBIs [STATE_CODE] attribute. In some cases, following these rules did not place the point at the location at which the bridge crosses what the user may judge as the most important feature intersected. For example, a given bridge may be many miles long, crossing nothing more than low lying ground for most of its length but crossing a major interstate at its far end. Due to the fact that bridges are often high narrow structures crossing depressions that may or may not be too narrow to be represented in the DEM used to orthorectify a given source of imagery, alignment with ortho imagery is highly variable. In particular, apparent bridge location in ortho imagery is highly dependent on collection angle. During verification, TechniGraphics used imagery from the following sources: NGA HSIP 133 City, State or Local; NAIP; DOQQ imagery. In cases where "bridge sway" or "tall structure lean" was evident, TGS attempted to compensate for these factors when capturing the bridge location. For instances in which the bridge was not visible in imagery, it was captured using topographic maps at the intersection of the water and rail line. TGS processed 784 entities previously with the HSIP Bridges-Roads (STRAHNET Option - HSIP 133 Cities and Gulf Coast). These entities were added into this dataset after processing. No entities were included in this dataset for American Samoa, Guam, Hawaii, the Commonwealth of the Northern Mariana Islands, or the Virgin Islands because there are no main line railways in these areas. At the request of NGA, text fields in this dataset have been set to all upper case to facilitate consistent database engine search results. At the request of NGA, leading and trailing spaces were trimmed from all text fields. At the request of NGA, all diacritics (e.g., the German umlaut or the Spanish tilde) have been replaced with their closest equivalent English character to facilitate use with database systems that may not support diacritics. The currentness of this dataset is given by the publication date which is 09/02/2009. A more precise measure of currentness cannot be provided since this is dependent on the NBI and the source of imagery used during processing.

Credits

There are no credits for this item.

Use limitations

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use) Use Limitations: Users must assume responsibility to determine the usability of this data for their purposes.

Extent

West -91.482658 **East** -88.112257
North 35.000487 **South** 30.189294

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE structure, transportation

* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Massachusetts, Kentucky, Indiana, Iowa, Wisconsin, Oregon, Colorado, Vermont, Wyoming, Missouri, United States--Territories and possessions., North Carolina, New Hampshire, New York, Idaho, West Virginia, Virginia, Arkansas, Ohio, Alabama, South Carolina, Washington (D.C.), Maryland, Texas, Michigan, Rhode Island, California, Minnesota, Kansas, Delaware, Nebraska, Georgia, Maine, South Dakota, Connecticut, Pennsylvania, United States., Louisiana, New Mexico, Illinois, North Dakota, Arizona, Alaska, Washington, Florida, Oklahoma, Puerto Rico, Mississippi, Montana, Utah, New Jersey, Nevada, Tennessee

THESAURUS ►

TITLE LCSH - Library of Congress subject headings (Washington, DC: LC, Cataloging Distribution Service) <http://authorities.loc.gov/>

[Hide Thesaurus ▲](#)

THEME KEYWORDS Wooden bridges., Continuous bridges, Railroad, Box girder bridges, Arch bridges., Steel plate deck bridges, Transportation., Cantilever bridges, Railroad bridges., Masonry bridges, Suspension bridges., Concrete bridges., Bridges., Plate girder bridges, Culverts., Ferry bridges, Aluminum bridges, Short-span bridges, Truss bridges., Long-span bridges, Cable-stayed bridges., Covered bridges., Causeways, Movable bridges.

THESAURUS ►

TITLE LCSH - Library of Congress subject headings (Washington, DC: LC, Cataloging Distribution Service) <http://authorities.loc.gov/>

[Hide Thesaurus ▲](#)

THEME KEYWORDS transportation, structure

THESAURUS ►

TITLE ISO 19115 Topic Category

[Hide Thesaurus ▲](#)

THEME KEYWORDS transportation, structure

THESAURUS ▶

TITLE ISO 19115 Topic Categories

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ▶

* TITLE MS_Railroad_Bridges

PUBLICATION DATE 2009-09-02

EDITION 3rd Quarter 2009

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

ARCGIS ITEM PROPERTIES

* NAME MS_Railroad_Bridges

* SIZE 0.058

* LOCATION file:///\\SWALKER-PC\E\$\DATA\HISN_2017\MS_Railroad_Bridges.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ▶

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -160.49667

EAST LONGITUDE -66.056217

SOUTH LATITUDE 18.390753

NORTH LATITUDE 64.925901

EXTENT

DESCRIPTION

publication date

TEMPORAL EXTENT
DATE AND TIME 2009-09-02

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -91.482658
* EAST LONGITUDE -88.112257
* NORTH LATITUDE 35.000487
* SOUTH LATITUDE 30.189294
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE 341823.959733
* EAST LONGITUDE 649507.912523
* SOUTH LATITUDE 1044982.400412
* NORTH LATITUDE 1577302.674489
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT
INDIVIDUAL'S NAME Mike Thompson
ORGANIZATION'S NAME TechniGraphics, Inc.
CONTACT'S POSITION Director of Research and Development
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE
VOICE 970-224-4996
FAX 970-224-3001

ADDRESS
TYPE both
DELIVERY POINT 3351 Eastbrook Drive
CITY Fort Collins
ADMINISTRATIVE AREA CO
POSTAL CODE 80525
COUNTRY US
E-MAIL ADDRESS mthompson@tgstech.com

HOURS OF SERVICE
Monday - Friday 0800 - 1700 MST

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

Users must assume responsibility to determine the usability of this data for their purposes.

OTHER CONSTRAINTS

None (Public Domain Information)

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM DOD

ADDITIONAL RESTRICTIONS

Unclassified

CONSTRAINTS

LIMITATIONS OF USE

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use) Use Limitations: Users must assume responsibility to determine the usability of this data for their purposes.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected

* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983

* PROJECTION NAD_1983_Mississippi_TM

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102609

X ORIGIN -5122200

Y ORIGIN -12297100

XY SCALE 450339697.45066422

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3814

WELL-KNOWN TEXT

PROJCS["NAD_1983_Mississippi_TM",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",1300000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0],AUTHORITY["EPSG",3814]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3814
- * CODESPACE EPSG
- * VERSION 6.17.1(10.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME MS_Railroad_Bridges
- * OBJECT TYPE point
 - * OBJECT COUNT 2185

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME MS_Railroad_Bridges
- * FEATURE TYPE Simple
 - * GEOMETRY TYPE Point
 - * HAS TOPOLOGY FALSE
 - * FEATURE COUNT 2185
 - * SPATIAL INDEX TRUE
 - * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

- INDIVIDUAL'S NAME HSIP Team
- ORGANIZATION'S NAME (NGA) National Geospatial-Intelligence Agency
- CONTACT'S POSITION Database Administrator

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

ADDRESS

TYPE postal
DELIVERY POINT 4600 Sangamore Road
DELIVERY POINT Mail Stop D-115
CITY Bethesda
ADMINISTRATIVE AREA MD
POSTAL CODE 20816-5003
COUNTRY US
E-MAIL ADDRESS hsip_team@nga.mil

HOURS OF SERVICE

Monday - Friday 0800 - 1700 EST

[Hide Contact information ▲](#)

AVAILABLE FORMAT

NAME ESRI Personal Geodatabase
VERSION ARC Version 9.x

ORDERING PROCESS

TERMS AND FEES None

INSTRUCTIONS

HSIP data may be ordered by going to:
<https://www.hifldwg.org/HSIPRequest/request.asp> and filling out the request form found there.

TRANSFER OPTIONS

MEDIUM OF DISTRIBUTION
MEDIUM NAME DVD

TRANSFER OPTIONS

ONLINE SOURCE
DESCRIPTION HSIP Bridges-Rail (Nationwide)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.058

ONLINE SOURCE

LOCATION HSIP 2015

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [MS_Railroad_Bridges](#) ▶

* TYPE Feature Class

* ROW COUNT 2185

DEFINITION

A structure including supports erected over a depression or an obstruction, such as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads.

DEFINITION SOURCE

The National Bridge Inspection Standards published in the Code of Federal Regulations (23 CFR 650.3)

FIELD [DETOURLGTH](#) ▶

* ALIAS DETOURLGTH

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Bypass, Detour Length FHWA-PD-96-001 Item #19 A three digit number representing the actual length to the nearest kilometer of the detour length. The detour length should represent the total additional travel for a vehicle which would result from closing of the bridge. The factor to consider when determining if a bypass is available at the site is the potential for moving vehicles, including military vehicles, around the structure. If the bridge is one of twin bridges and is not at an interchange, code 001 where the other twin bridge can be used as a temporary bypass with a reasonable amount of crossover grading. A code of 199 is used for 199 kilometers or more. If a ground level bypass is available at the structure site for the inventory route, record and code the detour length as 000. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field [DETOURLGTH](#) ▲

FIELD [MINLATUCLL](#) ▶

* ALIAS MINLATUCLL

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Minimum Lateral Underclearance on Left FHWA-PD-96-001 Item #56 The minimum lateral underclearance on the left (median side for divided highways) to the nearest

tenth of a meter (with an assumed decimal point). The lateral clearance should be measured from the left edge of the roadway (excluding shoulders) to the nearest substructure unit, to a rigid barrier, or to the toe of slope steeper than 1 to 3. If there is no obstruction in the median area, a notation of "open" should be recorded and 999 should be coded. For clearances greater than 30 meters it should be coded as 998. Coding of actual clearances greater than 30 meters to an exact measurement is optional. 000 indicates not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field MINLATUCLL ▲](#)

FIELD FID_1 ►

- * ALIAS FID_1
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

[Hide Field FID_1 ▲](#)

FIELD ST_VERSION ►

- * ALIAS ST_VERSION
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Indicates the year and quarter of streets used for geocoding.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Streets were not used for geocoding; therefore, this record has no [ST_VERSION] value.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 2008Q1

DESCRIPTION 1st Quarter 2008 NAVTEQ street data was used for geocoding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

[Hide Field ST_VERSION ▲](#)

FIELD **CONTDATE** ▶

- * ALIAS **CONTDATE**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

Date entity was verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Date

*Hide Field **CONTDATE** ▲*

FIELD **SUBSTRUCT** ▶

- * ALIAS **SUBSTRUCT**
- * DATA TYPE **String**
- * WIDTH **80**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

Substructure FHWA-PD-96-001 Item #60 The physical condition of piers, abutments, piles, fenders, footings, or other components. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE **0**

DESCRIPTION **Failed Condition - out of service - beyond corrective action.**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **FHWA Bridge Division Report No. FHWA-PD-96-001**

VALUE **8**

DESCRIPTION **Very Good Condition - no problems noted**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **FHWA Bridge Division Report No. FHWA-PD-96-001**

VALUE **N**

DESCRIPTION **Not applicable Also used for culverts**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **FHWA Bridge Division Report No. FHWA-PD-96-001**

VALUE **<BLANK>**

DESCRIPTION **Unknown**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 5

DESCRIPTION Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Poor Condition - advanced section loss, deterioration, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Good Condition - some minor problems.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION "Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Excellent Condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Satisfactory Condition - structural elements show some minor deterioration.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field SUBSTRUCT ▲

FIELD NAICSCODE ►

- * ALIAS NAICSCODE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

NAICS (North American Industry Classification System) Code for entity. NAICS Codes (and NAICS Descriptions) have been assigned based upon the entity's primary function, regardless of if that is the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, then it will have a different HSIP Theme in each dataset, but it should have the same NAICS Code and NAICS Description in each case.

DESCRIPTION SOURCE

TGS

CODED VALUES

NAME OF CODELIST North American Industry Classification System (NAICS 2007)
SOURCE US Census Bureau - <http://www.census.gov/epcd/www/naics.html>

Hide Field NAICSCODE ▲

FIELD SKEW ►

- * ALIAS SKEW
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Skew FHWA-PD-96-001 Item #34 The angle between the centerline of a pier and a line normal to the roadway centerline. Skew is formatted as nn degrees to the nearest degree. If plans are available, the skew angle can be taken directly from the plans. If no plans are available, the angle is field measured if possible. Code 99 is used to indicate a major variation in skews of substructure units. Formatted as a two digit number The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field SKEW ▲

FIELD NAVCONTROL ►

- * ALIAS NAVCONTROL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Navigation Control FHWA-PD-96-001 Item #38 Indicates whether or not navigation control (a bridge permit for navigation) is required. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE N

DESCRIPTION Not applicable, no waterway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Navigation control on waterway (bridge permit required).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 0

DESCRIPTION No navigation control on waterway (bridge permit not required).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field NAVCONTROL ▲

FIELD OP_RATE ►

* ALIAS OP_RATE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Operating Rating FHWA-PD-96-001 Item #64 The absolute maximum permissible load level to which the structure may be subjected for the vehicle type used in the rating. Representing the total mass in metric tons of the entire vehicle measured to the nearest tenth of a metric ton (with an assumed decimal point). Formatted as a three digit number. Only MS loading was used to determine the operating rating. This is the metric equivalent of an HS loading. MS18 which has a mass of 32.4 metric tons should be coded as 324, and likewise, a MS13.5, is coded as 243. If the bridge will not carry a minimum of 2.7 metric tons of live load, the operating rating shall be coded 000; and consistent with the direction of the AASHTO Manual, it should be closed. Code 999 for a structure under sufficient fill such that, according to AASHTO design, the live load is insignificant in the structure load capacity. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field OP_RATE ▲

FIELD SECCLASS ►

- * ALIAS SECCLASS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Security classification of feature.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE UNCLASSIFIED
DESCRIPTION Entity is unclassified.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field SECCLASS ▲

FIELD YRAVEDTRAF ►

- * ALIAS YRAVEDTRAF
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Year of Average Daily Traffic FHWA-PD-96-001 Item #30 The year represented by the Average Daily Traffic. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field YRAVEDTRAF ▲

FIELD BRDGIMCOST ►

- * ALIAS BRDGIMCOST
- * DATA TYPE String

- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Bridge Improvement Cost FHWA-PD-96-001 Item #94 The estimated cost of the proposed bridge or major structure improvements in thousands of dollars. This only includes bridge construction costs, excluding roadway, right of way, detour, demolition, preliminary engineering, etc. Formatted as a six digit number. This item should not be used to estimate maintenance costs. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field BRDGIMCOST ▲

FIELD FUTAVGTRAF ►

- * ALIAS FUTAVGTRAF
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Future Average Daily Traffic FHWA-PD-96-001 Item #114 The forecasted average daily traffic (ADT) for the inventory route. This shall be projected at least 17 years, but no more than 22 years from the year of inspection. The intent is to provide a basis for a 20-year forecast. This item may be updated anytime, but must be updated when the forecast falls below the 17-year limit. Formatted as a six digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field FUTAVGTRAF ▲

FIELD CRBSDWKWID ►

- * ALIAS CRBSDWKWID
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Curb or Sidewalk Widths FHWA-PD-96-001 Item #50 Widths of the left and right curbs or sidewalks to the nearest tenth of a meter (with assumed decimal points). "Left" and "Right" should be determined on the basis of direction of the inventory. This is a six-digit number composed of two segments: >A) Left curb or sidewalk width - first three digits >B) Right curb or sidewalk width - last three digits The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field CRBSDWKWID ▲

FIELD YRFUTAVGTR ►

- * ALIAS YRFUTAVGTR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Year of Future Average Daily Traffic FHWA-PD-96-001 Item #115 The projected year of future ADT shall be at least 17 years but no more than 22 years from the year of inspection. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field YRFUTAVGTR ▲

FIELD COUNTY ►

- * ALIAS COUNTY
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

County name where entity is located. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 3. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

DESCRIPTION SOURCE

TGS

CODED VALUES

NAME OF CODELIST Geographic Names Information System (GNIS)

SOURCE US Department of the Interior - US Geologic Survey

Hide Field COUNTY ▲

FIELD GEODATE ►

* ALIAS GEODATE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Date entity was geocoded by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Date

Hide Field GEODATE ▲

FIELD BRDGRDWDTH ►

* ALIAS BRDGRDWDTH

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Bridge Roadway Width, Curb-to-Curb FHWA-PD-96-001 Item #51 The most restrictive minimum distance between curbs or rails on the structure roadway. Formatted as a four digit number to the nearest tenth of a meter (with an assumed decimal point).

Where the roadway is on fill carried across a structure and the headwalls or parapets do not affect the flow of traffic, it is coded 0000. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field BRDGRDWDTH ▲

FIELD STRUCSTAT ►

- * ALIAS STRUCSTAT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Structure Open, Posted, or Closed to Traffic FHWA-PD-96-001 Item #41 This item provides information about the actual operational status of a structure. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE K

DESCRIPTION Bridge closed to all traffic

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE D

DESCRIPTION Open, would be posted or closed except for temporary shoring, etc. to allow for unrestricted traffic

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE B

DESCRIPTION Open, posting recommended but not legally implemented (all signs not in place or not correctly implemented)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE P

DESCRIPTION Posted for load (may include other restrictions such as temporary bridges which are load posted)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE E

DESCRIPTION Open, temporary structure in place to carry legal loads while original structure is closed and awaiting replacement or rehabilitation.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE R

DESCRIPTION Posted for other load-capacity restriction (speed, number of vehicles on bridge, etc.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE G

DESCRIPTION New structure not yet open to traffic

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE A

DESCRIPTION Open, no restriction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field STRUCSTAT ▲

FIELD NUMSPNMAIN ►

* ALIAS NUMSPNMAIN

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Number of Spans in Main Unit FHWA-PD-96-001 Item #45 The number of spans in the main or major unit indicated by a three digit number. Includes all spans of most bridges, the major unit only of a sizable structure, or a unit of material or design different from that of the approach spans. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field NUMSPNMAIN ▲

FIELD ST_VENDOR ►

* ALIAS ST_VENDOR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Indicates name of vendor providing original street data used for geocoding.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Streets were not used for geocoding; therefore, this record has no [ST_VENDOR] value.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE NAVTEQ

DESCRIPTION NAVTEQ streets were used for geocoding.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

[Hide Field ST_VENDOR ▲](#)

FIELD X ►

- * ALIAS X
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Longitude in WGS 84 Decimal Degrees.

DESCRIPTION SOURCE

TGS

RANGE OF VALUES

MINIMUM VALUE -180
MAXIMUM VALUE 180
UNITS OF MEASURE WGS 84 Decimal Degrees

[Hide Field X ▲](#)

FIELD ZIP ►

- * ALIAS ZIP
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Five (5) digit USPS zip code for entitys physical location. These values have been assigned spatially by using the US Census Bureaus TIGER 5-Digit ZCTA (Zip Code Tabulation Areas) boundaries. Because of the way these values were assigned, they may not correspond with the [CITY] attribute according to the USPS Address Information System (AIS). This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

DESCRIPTION SOURCE

TGS

CODED VALUES

NAME OF CODELIST USPS Address Information System - Domain is further restricted by only allowing physical (non PO Box) zip codes.
SOURCE United States Postal Service

[Hide Field ZIP ▲](#)

FIELD BASHWYNTWK ►

- * ALIAS BASHWYNTWK

- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Base Highway Network FHWA-PD-96-001 Item #12 The Base Highway Network includes the through lane (mainline) portions of the NHS, rural/urban principal arterial system and rural minor arterial system. Ramps, frontage roads and other roadways are not included in the Base Network. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 0

DESCRIPTION Inventory Route is not on the Base Network.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Inventory Route is on the Base Network.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field BASHWYNTWK ▲

FIELD METHINVRAT ►

- * ALIAS METHINVRAT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Method Used to Determine Inventory Rating FHWA-PD-96-001 Item #65 Load rating method used to determine the Inventory Rating for the structure The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 7

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 4

DESCRIPTION Load Testing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3
DESCRIPTION Load and Resistance Factor (LRFR)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5
DESCRIPTION No rating analysis performed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 2
DESCRIPTION Allowable Stress (AS)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1
DESCRIPTION Load Factor (LF)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field METHINVRAT ▲

FIELD ID ►
* ALIAS ID
* DATA TYPE String
* WIDTH 80
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Unique identifier for feature.
DESCRIPTION SOURCE
TGS
DESCRIPTION OF VALUES
Text

Hide Field ID ▲

FIELD FIPS ►
* ALIAS FIPS

- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Five (5) digit FIPS (Federal Information Processing Standards) Code for the County where entity is located. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 3. The first two (2) digits represent the state and the last three (3) digits identify the county within the state. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

DESCRIPTION SOURCE

TGS

CODED VALUES

NAME OF CODELIST Federal Information Processing Standards Publications - Counties and Equivalent Entities of the U.S., Its Possessions, and Associated Areas.

SOURCE National Institute of Standards and Technology (NIST)
<<http://www.itl.nist.gov/fipspubs/co-codes/states.txt>>

Hide Field FIPS ▲

FIELD STATE ►

- * ALIAS STATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Two (2) character USPS abbreviation for the state associated with the entity's physical location. These values have been assigned spatially by using the NAVTEQ State Boundaries. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

DESCRIPTION SOURCE

TGS

CODED VALUES

NAME OF CODELIST Official USPS Abbreviations - State Abbreviations

SOURCE United States Postal Service

http://www.usps.com/ncsc/lookups/usps_abbreviations.html

Hide Field STATE ▲

FIELD METHOPRATE ►

- * ALIAS METHOPRATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Method Used to Determine Operating Rating FHWA-PD-96-001 Item #63 Load rating method used to determine the Operating Rating. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 8

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 5

DESCRIPTION No rating analysis performed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 1

DESCRIPTION Load Factor (LF)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Allowable Stress (AS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Load and Resistance Factor (LRF)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Load Testing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field METHOPRATE ▲

FIELD NAVHORZCLR ►

* ALIAS NAVHORZCLR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Navigation Horizontal Clearance FHWA-PD-96-001 Item #40 Horizontal clearance measurement imposed at the site that is shown on the navigation permit. If a navigation permit is required but not available, then the minimum horizontal clearance between fenders is used. The clearance is coded as a five-digit number truncated to the tenth of a meter (with an assumed decimal point). If Navigation Control has been coded 0 or N, the Navigation Horizontal Clearance should be 0000 to indicate not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field NAVHORZCLR ▲

FIELD IRTEHORZCL ►

- * ALIAS IRTEHORZCL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Inventory Route, Total Horizontal Clearance FHWA-PD-96-001 Item #47 The available clearance measured between the restrictive features -- curbs, rails, walls, piers, or other structural features limiting the roadway (surface and shoulders), coded as a three-digit number truncated to the nearest tenth of a meter (with an assumed decimal point). When the restriction is 100 meters or greater, it is coded as 999. The purpose of this item is to give the largest available clearance for the movement of wide loads. Flush and mountable medians are not considered to be restrictions. This clearance is defined in two ways; the most applicable was used: > 1. Clear distance between restrictions of the inventory route either "on" or "under" the structure. > 2. Roadway surface and shoulders - when there are no restrictions. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field IRTEHORZCL ▲

FIELD DESIGNLOAD ►

- * ALIAS DESIGNLOAD
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Design Load FHWA-PD-96-001 Item #31 Indicates the live load for which the structure was designed. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 2

DESCRIPTION Metric Description: M 13.5 or English Description: H 15

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Metric and English Description: Pedestrian

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Metric and English Description: Other or unknown (described on inspection reporting form)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3

DESCRIPTION Metric Description: MS 13.5 or English Description: HS 15

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Metric Description: MS 18 or English Description: HS 20

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Metric and English Description: Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Metric Description: MS 22.5 or English Description: HS 25

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Metric Description: MS 18+Mod or English Description: HS 20+Mod

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Metric Description: M 18 or English Description: H 20

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Metric Description: M 9 or English Description: H 10

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field DESIGNLOAD ▲

FIELD BRDGPOSTNG ►

* ALIAS BRDGPOSTNG

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Bridge Posting FHWA-PD-96-001 Item #70 Bridge Posting of load limits. The National Bridge Inspection Standards requires the posting of load limits only if the maximum legal load configurations in the state exceeds the load permitted under the operating rating. Although posting for a bridge for load-carrying capacity is required only when the maximum legal load exceeds the operating rating, highway agencies may choose to post at a lower level. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3

DESCRIPTION 10.0 - 19.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION 0.1 - 9.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION 30.0 - 39.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION >39.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION 20.0 - 29.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Equal to or above legal loads

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field BRDGPOSTNG ▲

FIELD **AVEDAYTRAF** ►

* ALIAS AVEDAYTRAF

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Average Daily Traffic FHWA-PD-96-001 Item #29 The average daily traffic volume for the inventory route using the most recent count available. Average Daily Truck Traffic is included in this count. If the bridge is closed, the actual Average Daily Traffic from before the closure occurred is used. Formatted as a six digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field AVEDAYTRAF ▲

FIELD **FLOWDIR** ►

* ALIAS FLOWDIR

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Direction of flow relative to coordinate order. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS

LIST OF VALUES

VALUE 0

DESCRIPTION Uninitialized

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3

DESCRIPTION Indeterminate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 1
DESCRIPTION With Digitized
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 2
DESCRIPTION Against Digitized
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE <BLANK>
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field FLOWDIR ▲

FIELD INV_ROUTE ►

- * ALIAS INV_ROUTE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Inventory Route FHWA-PD-96-001 Item #5 The Inventory Route is a nine digit code composed of five segments describing the type of route. The sections and positions are as follows: A) Record Type - There are two types of National Bridge Inventory records: "on" and "under". "On" signifies that the inventory route is carried on the structure. "Under" signifies that the inventory route goes under the structure. This code is the first position (leftmost) using one of the following codes: > 1-Route carried "on" the structure > 2-Single route goes "under" the structure > A through Z-Multiple routes go "under" the structure > Examples: A signifies the first of multiple routes under the structure. > B signifies the second of multiple routes under the structure. > Z signifies 26 routes under the structure. > B) Route Signing Prefix - This is the second position, identifying the route signing prefix for the inventory route using one of the following codes: > 1-Interstate highway > 2-U.S. numbered highway > 3-State highway > 4-County highway > 5-City street > 6-Federal lands road > 7-State lands road > 8-Other (includes toll roads not otherwise indicated or identified above) When two or more routes are concurrent, the highest class of route will be used. The hierarchy is in the order listed above. > C) Designated Level of Service - This is the third position, identifying the designated level of service for the inventory route using one of the following codes: > 0-None of the below > 1-Mainline > 2-Alternate > 3-Bypass > 4-Spur > 6-Business > 7-Ramp, Wye, Connector, etc. > 8-Service and/or unclassified frontage road > D) Route Number - This is denoted in the next 5 positions. This value is right justified in the field with leading zeros filled in. If concurrent routes are of the same hierarchy level, denoted by the route signing prefix, the lowest numbered route shall be coded. Code 00000 for bridges on roads without route numbers. > E) Directional Suffix - The directional suffix to the route number of the inventory route when it is part of the route number. This code is the last position (rightmost) using one of the following codes: > 0-Not applicable > 1-North > 2-East > 3-South > 4-West In some cases, letters may be used with route numbers and as part of the route numbers and not to indicate direction. In such cases, the letter should be included in the 5 position route number field. > The values for this attribution have not been verified by TGS. >

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field INV_ROUTE ▲

FIELD GNIS_ID ►

- * ALIAS GNIS_ID
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Geographic Names Information System ID Unique identifier assigned by GNIS. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

DESCRIPTION OF VALUES

Text

Hide Field GNIS_ID ▲

FIELD STRUCT_NUM ►

- * ALIAS STRUCT_NUM
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Structure Number FHWA-PD-96-001 Item #8 Official structure number represented by a fifteen digit number. Each agency should code the structure according to its own internal processing procedures. The structure number must be unique for each bridge within the state, and once established should preferably never change for the life of the bridge. The identical structure number must appear on the "on" and all "under" records associated with a particular structure. TGS has discovered State Code 513 + Structure Number 00000000001818 actually represents two separate bridges in Virginia. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field STRUCT_NUM ▲

FIELD EMERGTITLE ►

- * ALIAS EMERGTITLE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Title of person or name of office for emergency point of contact.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field EMERGTITLE ▲

FIELD H2OWYADEQU ►

- * ALIAS H2OWYADEQU
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Waterway Adequacy FHWA-PD-96-001 Item #71 Appraisal of the waterway opening with respect to passage of flow through the bridge. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Bridge Closed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Equal to present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 7

DESCRIPTION Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field H2OWYADEQU ▲

FIELD NRRN_ID ►

* ALIAS NRRN_ID

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

National Railroad Network ID A non-unique identifier linking the HSIP Bridges-Rail Dataset with the National Railroad Dataset.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field NRRN_ID ▲

FIELD PLACE_CODE ►

* ALIAS PLACE_CODE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Place Code FHWA-PD-96-001 Item #4 A five digit number identifying the city, town, township, village, or other census-designated place in which the bridge is located. It shall be identified using the Federal Information Processing Standards (FIPS) codes given in the current version of the Census of Population and Housing - Geographic Identification Code Scheme. If there is no FIPS place code, then the code should be all zeros. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field PLACE_CODE ▲

FIELD FACCARIED ►

* ALIAS FACCARIED

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Facility Carried by Structure FHWA-PD-96-001 Item #7 The facility being carried by the structure; this item describes the use "on" the structure, using up to eighteen characters. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field FACCARIED ▲

FIELD BRDGBORDER ►

- * ALIAS BRDGBORDER
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Border Bridge FHWA-PD-96-001 Item #98 Indicates the structures crossing borders of states. Formatted as a five digit number divided into two segments. A) Neighboring State Code - Three digits using the codes from the [STATE_CODE] field. B) Percent Responsibility - Two digits listing the percentage of total deck area of the existing bridge that the neighboring State is responsible for funding. For the special case of a structure on the border with Canada or Mexico, it is coded with the State Code value of either CAN or MEX respectively. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field BRDGBORDER ▲

FIELD PROJTCOST ►

- * ALIAS PROJTCOST
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Total Project Cost FHWA-PD-96-001 Item #96 Represents the total project cost in thousands of dollars, including incidental costs not included in the Roadway Improvement Cost and the Bridge Improvement Cost. This includes all costs normally associated with the proposed bridge improvement project. Formatted as a six digit number. This item should not be used for representing maintenance costs. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field PROJTCOST ▲](#)

FIELD **GEOHOW** ▶

- * ALIAS GEOHOW
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Method by which entity was geocoded.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE MANUAL

DESCRIPTION Entity was manually geocoded.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE LINKED

DESCRIPTION For instances in which multiple records represent the same structure, one record has been selected for processing. The processed record has been linked to the non-processed records that represent the same structure, and the geographic coordinates from the processed record has been carried over to the corresponding linked records.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

[Hide Field GEOHOW ▲](#)

FIELD **CULVERTS** ▶

- * ALIAS CULVERTS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Culverts FHWA-PD-96-001 Item #62 Evaluation of the alignment, settlement, joints, structural condition, scour, and other items associated with culverts. The rating code is the overall condition evaluation of the culvert. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE N

DESCRIPTION Not applicable. Use if structure is not a culvert.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 0

DESCRIPTION Bridge Closed. Replacement necessary.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION No noticeable or noteworthy deficiencies which affect the condition of the culvert. Insignificant scrape marks caused by drift.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Integral wingwalls collapsed, severe settlement of roadway due to loss of fill. Section of culvert may have failed and can no longer support embankment. Complete undermining at curtain walls and pipes. Corrective action required to maintain traffic. Metal culverts have extreme distortion and deflection throughout with extensive perforations due to corrosion.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Bridge closed. Corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Large spalls, heavy scaling, wide cracks, considerable efflorescence, or opened construction joint permitting loss of backfill. Considerable settlement or misalignment. Considerable scouring or erosion at curtain walls, wingwalls or pipes. Metal culverts have significant distortion and deflection throughout, extensive corrosion or deep pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Any condition described in 4 but which is excessive in scope. Severe movement or differential settlement of the segments, or loss of fill. Holes may exist in walls or slabs. Integral wingwalls nearly severed from culvert. Severe scour or erosion at curtain walls, wingwalls or pipes. Metal culverts have extreme distortion and deflection in one section, extensive corrosion, or deep pitting with scattered perforations.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Shrinkage cracks, light scaling, and insignificant spalling which does not expose reinforcing steel. Insignificant damage caused by drift with no misalignment and not requiring corrective action. Some minor scouring has occurred near curtain walls, wingwalls, or pipes. Metal culverts have a smooth symmetrical curvature with superficial corrosion and no pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Deterioration or initial disintegration, minor chloride contamination, cracking with some leaching, or spalls on concrete or masonry walls and slabs. Local minor scouring at curtain walls, wingwalls, or pipes. Metal culverts have a smooth curvature, non-symmetrical shape, significant corrosion or moderate pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Moderate to major deterioration or disintegration, extensive cracking and leaching, or spalls on concrete or masonry walls and slabs. Minor settlement or misalignment. Noticeable scouring or erosion at curtain walls, wingwalls, or pipes. Metal culverts have significant distortion and deflection in one section, significant corrosion or deep pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION No deficiencies

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field CULVERTS ▲

FIELD SHAPE ►

* **ALIAS** Shape

* **DATA TYPE** Geometry

* **WIDTH** 0

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field SHAPE ▲

FIELD EMERGTEL ►

* **ALIAS** EMERGTEL

* **DATA TYPE** String

* **WIDTH** 80

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

Ten (10) digit telephone number of emergency point of contact formatted as nnn-
nnn-nnnn. All alphabetic characters have been translated to the corresponding numeric digit.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Phone numbers, including area code, formatted as nnn-xxx-nnnn. A list of valid area code and exchange combinations can be found at <http://www.nanpa.com>

Hide Field EMERGTEL ▲

FIELD NAVVERTCLR ►

* ALIAS NAVVERTCLR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Navigation Vertical Clearance FHWA-PD-96-001 Item #39 Minimum vertical clearance imposed at the site as measured above a datum that is specified on a navigation permit issued by a control agency. The measurement shall be coded as a four digit number truncated to the tenth of a meter (with an assumed decimal point). Measurement will show the clearance that is allowable for navigational purposes. If Navigation Control has been coded 0 or N, the Navigation Vertical Clearance should be 000 to indicate not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field NAVVERTCLR ▲

FIELD CONTHOW ►

* ALIAS CONTHOW

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Method by which entity was verified.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Entity has not been verified by TGS.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE ALT REF

DESCRIPTION Geospatial reference information obtained from ortho imagery, topographic DRGs, and/or local authorities, e.g., downloadable parcel maps, 911 streets, and shape files.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field CONTHOW ▲

FIELD LRS_INVRTE ►

- * ALIAS LRS_INVRTE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

LRS Inventory Route, Subroute Number FHWA-PD-96-001 Item #13 Inventory route for the States linear referencing system (LRS). If the Base Highway Network has been coded 0, this entire item should be left blank. This is a twelve digit code composed of two segments. A) LRS Inventory Route - A ten digit number that can be alphanumeric, but must not contain blanks. The LRS inventory route number is not necessarily the same as that posted along the roadway, but is a number used to uniquely identify a route within at least a county and perhaps throughout the State. B) Subroute Number - A two digit number that uniquely identified portions of an inventory route sections where duplicate kilometerpoints occur. These subroute numbers, if they exist, are identified in the States HPMS-LRS records. If there is no subroute number, this segment should be coded 00. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field LRS_INVRTE ▲

FIELD HWYAGDIST ►

- * ALIAS HWYAGDIST
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Highway Agency District FHWA-PD-96-001 Item #2 The highway agency district (State or Federal) in which the bridge is located shall be represented by a two digit code. Existing district numbers shall be used where districts are identified by number. Where districts are identified by name, a code number shall be assigned based on an

alphabetical or organizational listing of the districts. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field HWYAGDIST ▲

FIELD LINK_ID ►

- * ALIAS LINK_ID
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

A non-unique identifier linking the National Railroad Dataset to NAVTEQ Railroad features. The values for this attribution were taken directly from the source and have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field LINK_ID ▲

FIELD YRRECONSTR ►

- * ALIAS YRRECONSTR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Year Reconstructed FHWA-PD-96-001 Item #106 The year of the most recent reconstruction of the structure. Formatted as a four digit number. To be defined as reconstructed, the type of work performed, whether or not it meets current minimum standards, must have been eligible for funding under any of the Federal-aid funding categories. The eligibility criteria would apply to the work performed regardless of whether all state or local funds or Federal-aid funds were used. Some types of eligible work not to be considered as reconstruction are: > -Safety feature replacement or upgrading > -Painting of structural steel > -Overlay of bridge deck as part of a larger highway surfacing project > -Utility work > -Emergency repair to restore structural integrity to the previous status following an accident > -Retrofitting to correct a deficiency which does not substantially alter physical geometry or > increase the load-

carrying capacity > -Work performed to keep a bridge operational while plans for complete rehabilitation or > replacement are under preparation The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field YRRECONSTR ▲

FIELD NAICSDESCR ►

* ALIAS NAICSDESCR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

NAICS (North American Industry Classification System) Description for entity. At the request of NGA, the "Index Entries" that appear on the NAICS webpage (<<http://www.census.gov/epcd/www/naics.html>>) are being used to populate this field, as opposed to the "NAICS Title". While there is a one to one correspondence between NAICS Codes and "NAICS Titles", there is a one to many relationship between NAICS Codes and the "Index Entries". By using the "Index Entries", we have placed the entities that make up this layer into more specific categories; however, the user of this data should be aware that this was not the intended purpose of these "Index Entries". The "Index Entries" were intended as a way to search the NAICS database and as a means of enumerating establishment types under the given NAICS Code. Thus, there are often two or more "Index Entries" that are synonyms, for example: "Prisons" and "Penitentiaries". In cases like this, we have standardized on one "Index Entry". NAICS Descriptions (and NAICS Codes) have been assigned based upon the entity's primary function, regardless of if that is the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, then it will have a different HSIP Theme in each dataset, but it should have the same NAICS Code and NAICS Description in each case.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE BRIDGE, TUNNEL, AND HIGHWAY OPERATIONS

DESCRIPTION BRIDGE, TUNNEL, AND HIGHWAY OPERATIONS - [NAICS Code 488490]:

This industry comprises establishments primarily engaged in providing services (except motor vehicle towing) to road network users.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field NAICSDESCR ▲

FIELD MINAVERCLR ►

- * ALIAS MINAVERCLR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Minimum Navigation Vertical Clearance, Vertical Lift Bridge FHWA-PD-96-001 Item #116 The minimum vertical clearance imposed at the site as measured above a datum that is specified on a navigation permit issued by a control agency. Formatted as a four digit number truncated to the tenth of a meter (with an assumed decimal point). This is only for vertical lift bridges in the dropped or closed position, otherwise it is left blank. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field MINAVERCLR ▲

FIELD BRDGMEDIAN ►

- * ALIAS BRDGMEDIAN
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Bridge Median FHWA-PD-96-001 Item #33 Indicates whether the median is non-existent, open or closed. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION Closed median with non-mountable barriers

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Open median

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 2

DESCRIPTION Closed median (no barrier)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION No median

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

[Hide Field BRDGMEDIAN ▲](#)

FIELD REACHCODE ►

* ALIAS REACHCODE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Reach Code A numeric code that uniquely identifies a reach. This 14-digit code has 2 parts: the first 8 digits are the hydrologic unit code for the subbasin (formerly, known as cataloging unit) in which the reach exists; the last 6 digits are a sequence number assigned in arbitrary order to the reaches within that subbasin. Each reach code occurs only once throughout the Nation. Once assigned, a reach code is associated with its reach permanently. If a reach is deleted, its reach code is retired. Reach codes facilitate the geocoding or linking of observations, such as a water quality sampling sites, to reaches. They form the basis for a national linear referencing system which supports linking such observations to a point along a reach, an entire reach, or groups of reaches. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS

DESCRIPTION OF VALUES

Text

[Hide Field REACHCODE ▲](#)

FIELD CLASINVRTE ►

* ALIAS CLASINVRTE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Functional Classification of Inventory Route FHWA-PD-96-001 Item #26 A two digit code representing the functional classification of the inventory route. The bridge shall be coded rural if not inside a designated urban area. The urban or rural designation shall be determined by the bridge location and not the character of the roadway. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 11

DESCRIPTION Urban - Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 00

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 17

DESCRIPTION Urban - Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 16

DESCRIPTION Urban - Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 14

DESCRIPTION Urban - Other Principal Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 09

DESCRIPTION Rural - Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 12

DESCRIPTION Urban - Principal Arterial - Other Freeways or Expressways

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 07

DESCRIPTION Rural - Major Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 02

DESCRIPTION Rural - Principal Arterial - Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 01

DESCRIPTION Rural - Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 19

DESCRIPTION Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 06

DESCRIPTION Rural - Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 08

DESCRIPTION Rural - Minor Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field CLASINVRTE ▲

FIELD DSNNTINTWK ►

* ALIAS DSNNTINTWK

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Designated National Network FHWA-PD-96-001 Item #110 Indicates whether the inventory route is part of the national network for trucks. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 1

DESCRIPTION The inventory route is part of the national network for trucks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 0

DESCRIPTION The inventory route is not part of the national network for trucks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field DSNNTINTWK ▲

FIELD WEARSFRACE ►

* ALIAS WEARSFRACE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Wearing Surface/Protective System FHWA-PD-96-001 Item #108 Information on the wearing surface and protective system of the bridge deck. Formatted as a three digit number composed of three segments. A) Type of Wearing Surface > 1-Monolithic Concrete (concurrently placed with structural deck) > 2-Integral Concrete (separate non-modified layer of concrete added to structural deck) > 3-Latex Concrete or similar additive > 4-Low Slump Concrete > 5-Epoxy Overlay > 6-Bituminous > 7-Wood or Timber > 8-Gravel > 9-Other > 0-None (no additional concrete thickness or wearing surface is included in the bridge deck) > N-Not Applicable (applies only to structures with no deck) > B) Type of Membrane > 1-Built-up > 2-Preformed Fabric > 3-Epoxy > 8-Unknown > 9-Other > 0-None > N-Not Applicable (applies only to structures with no deck) > C) Deck Protection > 1-Epoxy Coated Reinforcing > 2-Galvanized Reinforcing > 3-Other Coated Reinforcing > 4-Cathodic Protection > 6-Polymer Impregnated > 7-Internally Sealed > 8-Unknown > 9-Other > 0-None > N-Not Applicable (applies only to structures with no deck) > The values for this attribution have not been verified by TGS. >

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field WEARSFRACE ▲

FIELD RDWYIMCOST ►

- * ALIAS RDWYIMCOST
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Roadway Improvement Cost FHWA-PD-96-001 Item #95 Represents the cost of the proposed roadway improvement in thousands of dollars. This includes only roadway construction costs, excluding bridge, right-of-way, detour, extensive roadway realignment costs, preliminary engineering, etc. Formatted as a six digit number. This item should not be used to estimate maintenance costs. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field RDWYIMCOST ▲

FIELD HWYSYSIRTE ►

- * ALIAS HWYSYSIRTE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Highway System of the Inventory Route FHWA-PD-96-001 Item #104 Indicates whether the inventory route is on the National Highway System (NHS) or not on that system. Upon approval of the NHS by Congress, the coding is to reflect the approved NHS. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 1

DESCRIPTION Inventory Route is on the NHS.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Inventory Route is not on the NHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field HWYSYSIRTE ▲

FIELD STRUCFLARE ►

- * ALIAS STRUCFLARE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Structure Flared FHWA-PD-96-001 Item #35 Indicates if the structure is flared (i.e., the width of the structure varies). Such variance can result from ramps converging with or diverging from through lanes on the structure, but there may be other causes. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 0

DESCRIPTION No Flare

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Yes, flared

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field STRUCFLARE ▲

FIELD STRTYPMAIN ►

* ALIAS STRTYPMAIN

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Structure Type, Main FHWA-PD-96-001 Item #43 A three digit code composed of two segments representing the type of structure of the main span(s). A) Kind of material and/or design indicated by the first digit > 1-Concrete > 2-Concrete continuous > 3-Steel > 4-Steel continuous > 5-Prestressed concrete* > 6-Prestressed concrete continuous* > 7-Wood or Timber > 8-Masonry > 9-Aluminum, Wrought Iron, or Cast Iron > 0-Other > >* Post-tensioned concrete should be coded as prestressed concrete. > B) Type of design and/or construction indicated by the second and third digit. > 01-Slab > 02-Stringer/Multi-beam or Girder > 03-Girder and Floorbeam System > 04-Tee Beam > 05-Box beam or Girders - Multiple > 06-Box beam or Girders - Single or Spread > 07-Frame (except frame culverts) > 08-Orthotropic > 09-Truss - Deck > 10-Truss - Thru > 11-Arch - Deck > 12-Arch - Thru > 13-Suspension > 14-Stayed Girder > 15-Movable - Lift > 16-Movable - Bascule > 17-Movable - Swing > 18-Tunnel > 19-Culvert (includes frame culverts) > 20-Mixed Types* > 21-Segmental Box Girder > 22-Channel Beam > 00-Other > >* Applicable only to approach spans The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field STRTYPMAIN ▲

FIELD DESCRIPTIO ►

* ALIAS DESCRIPTIO

* DATA TYPE String

* WIDTH 119

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The description field uses a single character string to encode one or more characteristics and values for each feature code. The general format of the character

string is characteristic|value, in which "characteristic" is the name of the characteristic. The vertical line character ("|") separates the characteristic and value. "Value" is the value of the characteristic for the feature code. When two or more characteristics are encoded by a feature code, these characteristic-value pairs are separated by the semicolon and space characters ("; "). If no characteristics are encoded (that is, if the code ends in "00"), the text "Feature type only: no attributes" is encoded. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS. > Area of Complex Channels > > Artificial Path > > Canal/Ditch > 1. Canal/Ditch Type > A. Aqueduct > B. Unspecified > > Coastline > > Connector > > Dam/Weir > 1. Construction Material > A. Earthen > B. Nonearthen > C. Unspecified > 2. Operational Status > A. Abandoned > B. Operational > C. Under Construction > Estuary > > Foreshore > > Inundation Area > 1. Inundation Control Status > A. Controlled > B. Not Controlled > 2. Inundation Area Type > A. Debris Basin > B. Dewatering Area > C. Duck Pond > D. General Case > E. Percolation Basin > F. Retarding Basin > Lake/Pond > 1. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 2. Water Characteristics > A. Alkaline > B. Hot > C. Salt > D. Sulphur > E. Unspecified > Lock Chamber > > Pipeline > 1. Product > A. Heat > B. Water > 2. Pipeline Type > A. Aqueduct > B. General Case > C. Penstock > D. Siphon > 3. Relationship to Surface > A. Abovewater > B. At or Near > C. Elevated > D. Underground > E. Underwater > F. Unspecified > Playa > > Rapids > > Reservoir > 1. Construction Material > A. Earthen > B. Nonearthen > C. Unspecified > 2. Cover Status > A. Covered > B. Not Covered > C. Unspecified > 3. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 4. Reservoir Type > A. Aquaculture > B. Decorative Pool > C. Disposal-Tailings Pond > D. Disposal-Unspecified > E. Evaporator > F. Swimming Pool > G. Treatment-Cooling Pond > H. Treatment-Filtration Pond > I. Treatment-Settling Pond > J. Treatment-Sewage Treatment Pond > K. Unspecified > L. Water Storage > Sea/Ocean > 1. Sea/Ocean Category > A. Reef Pool > B. Unspecified > Stream/River > 1. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 2. Positional Accuracy > A. Approximate > B. Definite > C. Indefinite > D. Not Applicable > Submerged Stream > > Swamp/Marsh > > Wash

DESCRIPTION SOURCE

Florida Geographic Data Library Documentation Version 2006

DESCRIPTION OF VALUES

Text

[Hide Field DESCRIPTION ▲](#)

FIELD QLONGITUDE ►

* ALIAS QLONGITUDE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Longitude FHWA-PD-96-001 Item #17 The longitude of each bridge formatted in degrees, minutes, and seconds to the nearest hundredth of a second (with an assumed decimal point). The point of the coordinate may be the beginning of the bridge in the direction of the inventory or any other consistent point of reference on the bridge which is compatible with the LRS. If the bridge is not on a STRAHNET highway or the

NHS, a code of all zeros is acceptable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field QLONGITUDE ▲

FIELD QLATITUDE ►

- * ALIAS QLATITUDE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Latitude FHWA-PD-96-001 Item #16 The latitude of each bridge formatted in degrees, minutes, and seconds to the nearest hundredth of a second (with an assumed decimal point). The point of the coordinate may be the beginning of the bridge in the direction of the inventory or any other consistent point of reference on the bridge which is compatible with the LRS. If the bridge is not on a STRAHNET highway or the NHS, a code of all zeros is acceptable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field QLATITUDE ▲

FIELD OWNER ►

- * ALIAS OWNER
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Owner FHWA-PD-96-001 Item #22 A two digit code representing the actual name(s) of the owner(s) of the bridge recorded on the inspection form. The codes represent the type of agency that is the primary owner of the structure. If more than one agency has equal ownership, then one agency is coded in the hierarchy of State, Federal, county, city, railroad, and other private. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 71

DESCRIPTION Corps of Engineers (Military)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 72

DESCRIPTION Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 64

DESCRIPTION U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 70

DESCRIPTION Corps of Engineers (Civil)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 27

DESCRIPTION Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 31

DESCRIPTION State Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 66

DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 00

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 76
DESCRIPTION Metropolitan Washington Airports Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 75
DESCRIPTION NASA
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 32
DESCRIPTION Local Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 01
DESCRIPTION State Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 25
DESCRIPTION Other Local Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 03
DESCRIPTION Town or Township Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 62
DESCRIPTION Bureau of Indian Affairs
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 26
DESCRIPTION Private (other than railroad)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 21
DESCRIPTION Other State Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 12
DESCRIPTION Local Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 11
DESCRIPTION State Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 80
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 67
DESCRIPTION Tennessee Valley Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 60
DESCRIPTION Other Federal Agencies (not otherwise listed)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 73
DESCRIPTION Navy/Marines
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 02
DESCRIPTION County Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 69
DESCRIPTION Bureau of Reclamation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 04
DESCRIPTION City or Municipal Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 63
DESCRIPTION Bureau of Fish and Wildlife
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 61
DESCRIPTION Indian Tribal Government
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field OWNER ▲

FIELD YRIMCSTEST ►

* ALIAS YRIMCSTEST

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Year of Improvement Cost Estimate FHWA-PD-96-001 Item #97 Year in which the cost of work estimated in the Bridge Improvement Cost, Roadway Improvement Cost, and Total Project Cost were based upon. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field YRIMCSTEST ▲

FIELD FTYPE ►

* ALIAS FTYPE

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Feature Type Three-digit integer value, unique identifier of a feature type. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 484

DESCRIPTION WASH Subtype of NHDArea Usually dry portion of a stream bed that contains water only during or after a local rainstorm or heavy snowmelt.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 445

DESCRIPTION SEAOCEAN Subtype of NHDArea

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 566

DESCRIPTION COASTLINE Subtype of NHDFlowline Line that follows the main outline of the land, including bays, but crosses rivers at their mouth. In the NHD, the outline of selected coastal islands are included as part of the coastline.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 334

DESCRIPTION CONNECTOR Subtype of NHDFlowline Known but unspecific, connection between two nonadjacent network segments.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 436

DESCRIPTION RESERVOIR Subtype of NHDWaterbody Constructed basin formed to contain water or other liquids.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 364

DESCRIPTION FORESHORE Subtype of NHDArea Part of a seashore between high-water and low-water marks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 398

DESCRIPTION LOCK CHAMBER Subtype of NHDArea Enclosure on a waterway used to raise/lower vessels as they pass from one level to another.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 460

DESCRIPTION STREAMRIVER Subtype of NHDFlowline Body of flowing water.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 390

DESCRIPTION LAKEPOND Subtype of NHDWaterbody Standing body of water with a predominantly natural shoreline surrounded by land.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 558

DESCRIPTION ARTIFICIAL PATH Subtype of NHDFlowline Abstraction to facilitate hydrologic modeling through open water bodies and along coastal and Great Lakes shorelines and to act as a surrogate for lakes and other water bodies.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 361

DESCRIPTION PLAYA Subtype of NHDWaterbody Flat area at the lowest part of an undrained desert basin, generally devoid of vegetation.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 343

DESCRIPTION DAMWEIR Subtype of NHDArea Barrier constructed to control the flow or raise the level of water.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 493

DESCRIPTION ESTUARY Subtype of NHDWaterbody Lower end of a river, or a semi-enclosed coastal body of water with access to the open ocean, which is affected by the tides and where fresh and salt water mix.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 428

DESCRIPTION PIPELINE Subtype of NHDFlowline Closed conduit with pumps, valves, and control devices, for conveying fluids, gases, or finely divided solids.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 336

DESCRIPTION CANALDITCH Subtype of NHDFlowline Artificial open waterway constructed to transport water, to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 461

DESCRIPTION SUBMERGED STREAM Subtype of NHDArea Old river course inundated by an impounded water body.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 537

DESCRIPTION AREA OF COMPLEX CHANNELS Subtype of NHDArea Area where a stream or river flows in an intricate network of interlacing channels.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 466

DESCRIPTION SWAMPMARSH Subtype of NHDWaterbody Noncultivated, vegetated area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 431

DESCRIPTION RAPIDS Subtype of NHDArea Area of swift current in a stream or river, characterized by standing waves or by boulders and rocks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

VALUE 403

DESCRIPTION INUNDATION AREA Subtype of NHDArea Area of land subject to flooding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

Hide Field FTYPE ▲

FIELD SUFFNCYRAT ►

* **ALIAS** SUFFNCYRAT

* **DATA TYPE** String

- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Sufficiency Rating Definition not provided The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field SUFFNCYRAT ▲

FIELD CHANPROTEC ►

- * ALIAS CHANPROTEC
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Channel and Channel Protection FHWA-PD-96-001 Item #61 The physical conditions associated with the flow of water through the bridge such as stream stability and the condition of the channel, riprap, slope protection, or stream control devices including spur dikes. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 4

DESCRIPTION Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE N

DESCRIPTION Not applicable. Use when bridge is not over a waterway (channel).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0
DESCRIPTION Bridge closed because of channel failure. Replacement necessary.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1
DESCRIPTION Bridge closed because of channel failure. Corrective action may put back in light service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9
DESCRIPTION There are no noticeable or noteworthy deficiencies which affect the condition of the channel.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2
DESCRIPTION The channel has changed to the extent the bridge is near a state of collapse.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8
DESCRIPTION Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3
DESCRIPTION Bank protection has failed. River control devices have been destroyed. Stream bed aggradation, degradation, or lateral movement has changed the channel to now threaten the bridge and/or approach roadway.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7
DESCRIPTION Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5
DESCRIPTION Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and brush restrict the channel.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field CHANPROTEC ▲

FIELD FCODE ►
* ALIAS FCODE

- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

FIELD DESCRIPTION

Feature Code Five-digit feature code that encodes the feature type and combinations of characteristics and values that can be assigned to a type. The first three digits encode the feature type, and the last two digits encode a set of characteristics and values. The general format of the feature code is FFFCC, in which FFF is the three-digit code for a feature type. CC is the two-digit code for a combination of values for characteristics associated with a feature type. If only the feature type is identified, these last two digits are assigned the value "0". The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

Florida Geographic Data Library Documentation Version 2006

LIST OF VALUES

VALUE 40309

DESCRIPTION INUNDATION AREA Inundation Control|controlled; Stage|flood elevation
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 43600

DESCRIPTION RESERVOIR feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 42803

DESCRIPTION PIPELINE Product|water; Pipeline Type|aqueduct; Relationship to Surface|underground
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 42801

DESCRIPTION PIPELINE Product|water; Pipeline Type|aqueduct; Relationship to Surface|at or near
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 40308

DESCRIPTION INUNDATION AREA Inundation Control|controlled
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 44500

DESCRIPTION SEA/OCEAN feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 43612

DESCRIPTION RESERVOIR Reservoir Type|treatment-sewage treatment pond; Construction Material|unspecified
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 33400

DESCRIPTION CONNECTOR feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46100

DESCRIPTION SUBMERGED STREAM feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46003

DESCRIPTION STREAM/RIVER Hydrographic Category|intermittent; Positional Accuracy|not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 36100

DESCRIPTION PLAYA feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 39001

DESCRIPTION LAKE/POND Hydrographic Category|intermittent; Water Characteristics|salt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 39800

DESCRIPTION LOCK CHAMBER feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 39010

DESCRIPTION LAKE/POND Hydrographic Category|perennial; Stage|normal pool

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 33600

DESCRIPTION CANAL/DITCH feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46007

DESCRIPTION STREAM/RIVER Hydrographic Category|ephemeral; Positional Accuracy|not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 43100

DESCRIPTION RAPIDS feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 43606

DESCRIPTION RESERVOIR Reservoir Type|disposal-unspecified; Construction Material|unspecified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 34306

DESCRIPTION DAM/WEIR Construction Material|nonearthen

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 39012

DESCRIPTION LAKE/POND Hydrographic Category|perennial; Stage|spillway elevation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 48400

DESCRIPTION WASH feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 49300

DESCRIPTION ESTUARY feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE <BLANK>
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 39004
DESCRIPTION LAKE/POND Hydrographic Category|perennial; Water Characteristics|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 55800
DESCRIPTION ARTIFICIAL PATH feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 42813
DESCRIPTION PIPELINE Product|water; Pipeline Type|siphon; Relationship to Surface|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 42807
DESCRIPTION PIPELINE Product|water; Pipeline Type|general case; Relationship to Surface|underground
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 40307
DESCRIPTION INUNDATION AREA Inundation Control Status|not controlled
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 43613
DESCRIPTION RESERVOIR Reservoir Type|water storage; Construction Material|nonearthen; Cover Status|covered; Hydrographic Category|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 33601
DESCRIPTION CANAL/DITCH Canal/Ditch Type|aqueduct
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46600
DESCRIPTION SWAMP/MARSH feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46006
DESCRIPTION STREAM/RIVER Hydrographic Category|perennial; Positional Accuracy|not applicable
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 36400
DESCRIPTION FORESHORE feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 46000
DESCRIPTION STREAM/RIVER feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 39009
DESCRIPTION LAKE/POND Hydrographic Category|perennial; Stage|average water elevation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 53700

DESCRIPTION AREA OF COMPLEX CHANNELS feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

VALUE 56600

DESCRIPTION COASTLINE feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS NHDinGEO FCodes by layer

[Hide Field FCODE ▲](#)

FIELD WASHHQUSE ►

* ALIAS WASHHQUSE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Washington Headquarters Use Definition not provided The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

[Hide Field WASHHQUSE ▲](#)

FIELD MINVERTINR ►

* ALIAS MINVERTINR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Inventory Route, Minimum Vertical Clearance FHWA-PD-96-001 Item #10 Minimum vertical clearance over the inventory route identified by the Inventory Route, whether the route is "on" the structure or "under" the structure. The minimum clearance for a three meter width of the pavement or traveled part of the roadway where the clearance is the greatest shall be recorded and coded as a four digit number truncated to the hundredth of a meter (with an assumed decimal point). When no restriction exists or when the restriction is 30 meters or greater, it is represented by 9999. Coding of actual clearances between 30.0 and 99.99 meters to an exact measurement is optional. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field MINVERTINR ▲

FIELD APRRDALIGN ►

* ALIAS APRRDALIGN

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Approach Roadway Alignment FHWA-PD-96-001 Item #72 Adequacy of the approach roadway alignment. Identifies bridges which do not function properly or adequately due to the alignment of the approaches.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 6

DESCRIPTION Equal to present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Bridge Closed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field APRRDALIGN ▲

FIELD STATE_CODE ►

* ALIAS STATE_CODE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

State Code FHWA-PD-96-001 Item #1 A three digit code indicating the state in which the bridge exists. The first two (2) digits are the Federal Information Processing Standards (FIPS) code for States, and the third digit is the FHWA region code. (New Jersey and New York will retain the FHWA Region code of 2.) The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 441

DESCRIPTION Rhode Island

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 185

DESCRIPTION Indiana

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 265

DESCRIPTION Michigan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 468

DESCRIPTION South Dakota

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 056

DESCRIPTION Arkansas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 297

DESCRIPTION Missouri

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 513

DESCRIPTION Virginia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 362

DESCRIPTION New York

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 555

DESCRIPTION Wisconsin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 317

DESCRIPTION Nebraska

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 214

DESCRIPTION Kentucky

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 088

DESCRIPTION Colorado

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 091

DESCRIPTION Connecticut

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 020

DESCRIPTION Alaska

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 474

DESCRIPTION Tennessee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 275

DESCRIPTION Minnesota

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 423

DESCRIPTION Pennsylvania

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 395

DESCRIPTION Ohio

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 251

DESCRIPTION Massachusetts

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 530

DESCRIPTION Washington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 159

DESCRIPTION Hawaii

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 406

DESCRIPTION Oklahoma

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 207

DESCRIPTION Kansas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 134

DESCRIPTION Georgia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 331

DESCRIPTION New Hampshire

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 374

DESCRIPTION North Carolina

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 226

DESCRIPTION Louisiana

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 160

DESCRIPTION Idaho

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 243

DESCRIPTION Maryland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 014

DESCRIPTION Alabama

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 568

DESCRIPTION Wyoming

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 124

DESCRIPTION Florida

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 049

DESCRIPTION Arizona

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 454

DESCRIPTION South Carolina

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 410

DESCRIPTION Oregon

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 103

DESCRIPTION Delaware

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 501

DESCRIPTION Vermont

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 175

DESCRIPTION Illinois

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 284

DESCRIPTION Mississippi

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 342

DESCRIPTION New Jersey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 197

DESCRIPTION Iowa

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 231

DESCRIPTION Maine

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 388

DESCRIPTION North Dakota

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 498

DESCRIPTION Utah

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 329

DESCRIPTION Nevada

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 113

DESCRIPTION District of Columbia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 721

DESCRIPTION Puerto Rico

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 486

DESCRIPTION Texas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 356

DESCRIPTION New Mexico

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 069

DESCRIPTION California

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 543

DESCRIPTION West Virginia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 308

DESCRIPTION Montana

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field STATE_CODE ▲

FIELD FEDAGENCY ►

* ALIAS FEDAGENCY

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Federal agency Definition not provided The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field FEDAGENCY ▲

FIELD NTAD_ID ►

* ALIAS NTAD_ID

- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

A non-unique identifier linking the National Railroad Dataset with the National Transportation Atlas Dataset. The values for this attribution were taken directly from the source and have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field NTAD_ID ▲

FIELD TEMPSTRDES ►

- * ALIAS TEMPSTRDES
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Temporary Structure Designation FHWA-PD-96-001 Item #103 Indicates situations where temporary structures or conditions exist. This item should be blank if not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE T

DESCRIPTION Temporary structure(s) or conditions exist.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field TEMPSTRDES ▲

FIELD OAK_ID ►

- * ALIAS OAK_ID
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

A non-unique identifier linking the National Railroad Dataset with the Oak Ridge National Laboratory Dataset. The values for this attribution were taken directly from the source and have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field OAK_ID ▲

FIELD YEAR_BUILT ►

- * ALIAS YEAR_BUILT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Year Built FHWA-PD-96-001 Item #27 The year of construction of the structure. If the year built is unknown, a best estimate is used. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field YEAR_BUILT ▲

FIELD BRGBRDRNUM ►

- * ALIAS BRGBRDRNUM
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Border Bridge Structure Number FHWA-PD-96-001 Item #99 The neighboring states fifteen digit National Bridge Inventory structure number for any structure noted in the Border Bridge field. If there is no NBI Structure Number in that States inventory file, then the entire 15-digit field shall be coded zeros. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field BRGBRDRNUM ▲

FIELD NAME ►

- * ALIAS NAME
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Name of entity. For the bridges provided by the National Bridge Inventory, the values in this field were created by combining [FACCARIED] and [FEAT_INTER] values, separated with a semicolon; this field contains up to twenty-five characters. When the Inventory Route indicates an "under" record, this item describes the inventory route and/or features under the structure. For the bridges created by TGS, the values in this field were created by combining [RAILWAY_NM] and [GNIS_NAME] values, separated with a semicolon. If [RAILWAY_NM] was unpopulated, then "RAILROAD" was substituted. If [GNIS_NAME] was unpopulated, then the [FEATURE_TY] was used instead. If the rail line is unrepresented in the NRRN, then the name will be "UNREPRESENTED RAILROAD". If the water feature is unrepresented in the NHD, then the name will be "UNREPRESENTED WATERBODY". The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field NAME ▲

FIELD DIRTRAFFIC ►

- * ALIAS DIRTRAFFIC
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Direction of Traffic FHWA-PD-96-001 Item #102 Direction of traffic on the inventory route. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION One lane bridge for two-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Highway traffic not carried
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Two-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION One-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field DIRTRAFFIC ▲

FIELD FEDLNDHWYS ►

- * ALIAS FEDLNDHWYS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Federal Lands Highways FHWA-PD-96-001 Item #105 Structures owned by State and local jurisdictions on roads which lead to and traverse through federal lands, which are eligible to receive funding from the Federal Lands Highway Program. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION Land Management Highway System (LMHS)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Forest Highway (FH)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Both IRR and FH

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Not Applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Both IRR and LMHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 9

DESCRIPTION Combined IRR, FH and LMHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Both FH and LMHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Indian Reservation Road (IRR)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field FEDLNDHWYS ▲

FIELD **GEOLINKID** ►

* ALIAS GEOLINKID

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Link ID for the street segment to which the entity was geocoded, where applicable.

Refer to the [ST_VENDOR] and [ST_VERSION] fields for the street vendor and version that was used to geocode the entity.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field GEOLINKID ▲

FIELD Y ►

- * ALIAS Y
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Latitude in WGS 84 Decimal Degrees.

DESCRIPTION SOURCE

TGS

RANGE OF VALUES

- MINIMUM VALUE -90
- MAXIMUM VALUE 90
- UNITS OF MEASURE WGS 84 Decimal Degrees

Hide Field Y ▲

FIELD INSPCTFRQU ►

- * ALIAS INSPCTFRQU
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Designated Inspection Frequency FHWA-PD-96-001 Item #91 The number of months between designated inspections of the structure. Formatted as a two digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field INSPCTFRQU ▲

FIELD DECKSTRYP ►

- * ALIAS DECKSTRYP
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Deck Structure Type FHWA-PD-96-001 Item #107 Type of deck system on the bridge. If more than one type of deck system is on the bridge, it is coded with the most predominant. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 8

DESCRIPTION Wood or Timber

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable Also used for filled culvert or arch with the approach roadway section carried across the structure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 6

DESCRIPTION Corrugated Steel

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Steel plate (includes orthotropic)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Open Grating

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Closed Grating

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Concrete Cast-in-Place

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Aluminum

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Concrete Precast Panels

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field DECKSTRYP ▲

FIELD NBISBRGLEN ►

* ALIAS NBISBRGLEN

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

NBIS Bridge Length FHWA-PD-96-001 Item #112 Indicates whether the structure meets or exceeds the minimum length specified to be designated as a bridge for National Bridge Inspection Standards purposes. The following definition of a bridge is to be used: A structure including supports erected over a depression or an obstruction, such 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 (6.1 meters) between undercopings of abutments or spring lines of arches, or extreme ends of openings for multiple boxes; it may also include multiple pipes, where the clear distance between openings is less than half of the smaller contiguous opening. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE N

DESCRIPTION No

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE Y

DESCRIPTION Yes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field NBISBRGLEN ▲

FIELD ATSRKFLDSR ►

* ALIAS ATSRKFLDSR

* DATA TYPE String

- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Asterisk Field in Sufficiency Rating Definition not provided The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE *

DESCRIPTION Definition not provided

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field ATSRKFLDSR ▲

FIELD STRUCTEVAL ►

- * ALIAS STRUCTEVAL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Structural Evaluation FHWA-PD-96-001 Item #67 The structural evaluation of the bridge in regards to the average daily traffic and load level in metric tons. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 8
DESCRIPTION Equal to present desirable criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2
DESCRIPTION Basically intolerable requiring high priority of replacement
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4
DESCRIPTION Meets minimum tolerable limits to be left in place as is
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7
DESCRIPTION Better than present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE *
DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 5
DESCRIPTION Somewhat better than minimum adequacy to tolerate being left in place as is
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6
DESCRIPTION Equal to present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0
DESCRIPTION Bridge Closed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field STRUCTEVAL ▲

FIELD LOCATION ►

- * ALIAS LOCATION
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Location FHWA-PD-96-001 Item #9 A narrative description of the bridges location. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field LOCATION ▲

FIELD CFINSPDATE ►

- * ALIAS CFINSPDATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Critical Feature Inspection Date FHWA-PD-96-001 Item #93 The month and year that the last inspection of the denoted critical feature was performed. Formatted as a twelve digit number divided into three segments. >A) Fracture Critical Details >B) Underwater Inspection >C) Other Special Inspection For each segment of this item, when applicable, a four digit number is coded to represent the month and year. The number of the month should be coded in the first two digits with a leading zero as required and the last two digits of the year coded as the third and fourth digits of the field. If the first digit of any part of the Critical Feature Inspection is coded N, then the corresponding part of this item shall be blank. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field CFINSPDATE ▲

FIELD KM_POINT ►

- * ALIAS KM_POINT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Kilometerpoint FHWA-PD-96-001 Item #11 The linear referencing system (LRS) kilometerpoint is used to establish the location of the bridge on the Base Highway Network. It must be from the same LRS Inventory Route and kilometerpoint system as reported in the Highway Performance Monitoring System (HPMS). This item must be coded for all structures located on or overpassing the Base Highway Network. It is coded aligned to the assumed decimal point and zero filled where needed to fill the 7 digits. All zeros are coded in this field for all records where kilometerpoints are not provided. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field KM_POINT ▲

FIELD PARSTRDSGN ►

* ALIAS PARSTRDSGN

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Parallel Structure Designation FHWA-PD-96-001 Item #101 Indicates situations where separate structures carry the inventory route in opposite directions of travel over the same feature. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE R

DESCRIPTION The right structure of parallel bridges carrying the roadway in the direction of the inventory. (For a STRAHNET highway, this is west to east and south to north.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION No parallel structure exists.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE L

DESCRIPTION The left structure of parallel bridges. This structure carries traffic in the opposite direction.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field PARSTRDSGN ▲

FIELD STRAHNETHD ►

* ALIAS STRAHNETHD

* DATA TYPE String

* WIDTH 80
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

STRAHNET Highway Designation FHWA-PD-96-001 Item #100 Indicates the STRAHNET (Strategic Highway Network) highway conditions of the inventory route. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 0

DESCRIPTION The inventory route is not a STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION The inventory route is on a Non-Interstate STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION The inventory route is on a Interstate STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION The inventory route is on a STRAHNET connector route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field STRAHNETHD ▲

FIELD INSPCTDATE ►

* ALIAS INSPCTDATE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Inspection Date FHWA-PD-96-001 Item #90 The month and year that the last routine inspection of the structure was performed. Formatted as 4 digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field INSPCTDATE ▲](#)

FIELD MINLATUCLR ►

- * ALIAS MINLATUCLR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Minimum Lateral Underclearance on Right FHWA-PD-96-001 Item #55 The minimum lateral underclearance on the right to the nearest tenth of a meter (with an assumed decimal point). This is represented as a one digit code and a three digit number. A) Reference feature (first position): > H-Highway beneath structure > R-Railroad beneath structure > N-Feature not a highway or railroad B) Minimum Lateral Underclearance: A three digit number representing the minimum lateral underclearance on the right. The lateral clearance should be measured from the right edge of the roadway (excluding shoulders) or from the centerline (between rails) of the right-hand track of a railroad to the nearest substructure unit (pier, abutment, etc.), to a rigid barrier (concrete bridge rail, etc.), or to the toe of slope steeper than 1 to 3, e.g. 1 to 1 or 2 to 1. When the clearance is 30 meters or greater, it is coded as 999. Coding of actual clearance between 30 meters and 99.9 to an exact measurement is optional. If the feature beneath the structure is not a railroad or highway, it is coded as N000 to indicate not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field MINLATUCLR ▲](#)

FIELD DECK ►

- * ALIAS DECK
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Deck FHWA-PD-96-001 Item #58 The overall condition rating of the deck. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 6

DESCRIPTION Satisfactory Condition - structural elements show some minor deterioration.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable Also used for culverts and other structure without decks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Very Good Condition - no problems noted

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Excellent Condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Failed Condition - out of service - beyond corrective action.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Poor Condition - advanced section loss, deterioration, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION "Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Good Condition - some minor problems.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

[Hide Field DECK ▲](#)

FIELD **STRUCTLGTH** ►

* ALIAS STRUCTLGTH

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Structure Length FHWA-PD-96-001 Item #49 Length of the roadway that is supported on the bridge structure. Formatted as a six digit number, to the nearest tenth of a meter (with an assumed decimal point). Formatted to the nearest tenth of a meter with an assumed decimal point. Length should be measured back to back of backwalls of abutments or from paving notch to paving notch. Tunnel length is measured from the centerline of the roadway. Culvert lengths should be measured along the center line of roadway regardless of their depth below grade. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field STRUCTLGTH ▲](#)

FIELD **DECKGEOMET** ►

* ALIAS DECKGEOMET

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Deck Geometry FHWA-PD-96-001 Item #68 Overall condition of the Deck Geometry
The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE *

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 5

DESCRIPTION Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Equal to present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3

DESCRIPTION Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0
DESCRIPTION Bridge Closed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field DECKGEOMET ▲

FIELD QC_QA ►

* ALIAS QC_QA
* DATA TYPE String
* WIDTH 80
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Organization that performed Quality Control/Quality Assurance on the record.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE <BLANK>

DESCRIPTION The record is not TGS added or has not had Quality Control/Quality Assurance performed by TGS.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE TGS

DESCRIPTION TGS has performed Quality Control/Quality Assurance on the entity record.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field QC_QA ▲

FIELD LGTHMAXSPN ►

* ALIAS LGTHMAXSPN
* DATA TYPE String
* WIDTH 80
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Length of Maximum Span FHWA-PD-96-001 Item #48 Measurement of the length of the maximum span either center to center of bearing points or clear open distance between piers, bents, or abutments along the centerline of the bridge. Formatted as a five digit number, to the nearest tenth of a meter (with an assumed decimal point). The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field LGTHMAXSPN ▲](#)

FIELD APPRRDWDTH ►

- * ALIAS APPRRDWDTH
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Approach Roadway Width FHWA-PD-96-001 Item #32 The normal width of usable roadway approaching the structure measured to the nearest tenth of a meter (with an assumed decimal point). Usable roadway width will include the width of traffic lanes and the widths of shoulders where shoulders are defined as: Shoulders must be constructed and normally maintained flush with the adjacent traffic lane, and must be structurally adequate for all weather and traffic conditions consistent with the facility carried. Formatted as a four digit number. Unstabilized grass or dirt, with no base course, flush with and beside the traffic lane is not to be considered a shoulder for this item. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field APPRRDWDTH ▲](#)

FIELD FDATE ►

- * ALIAS FDATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Feature Date Date of last feature modification. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

DESCRIPTION OF VALUES

Date

[Hide Field FDATE ▲](#)

FIELD HSIPTHEMES ►

- * ALIAS HSIPTHEMES
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The HSIP "Category", "Sector", "SubLayer", and "Theme" that the entity falls within.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE CRITICAL INFRASTRUCTURE, PDD-63; TRANSPORTATION; BRIDGES; RAILROAD

DESCRIPTION Entity is a part of the "CRITICAL INFRASTRUCTURE, PDD-63; TRANSPORTATION; BRIDGES; RAILROAD" HSIP theme.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HSIP Tiger Team Report

Hide Field HSIPTHEMES ▲

FIELD RAILWAY_NM ►

- * ALIAS RAILWAY_NM
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Primary railway name as assigned by NAVTEQ. The values for this attribution were taken directly from the source and have not been verified by TGS.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field RAILWAY_NM ▲

FIELD EMERGEXT ►

- * ALIAS EMERGEXT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Telephone extension for emergency point of contact.

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field EMERGEXT ▲

FIELD SUPERSTRUC ►

* ALIAS SUPERSTRUC

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Superstructure FHWA-PD-96-001 Item #59 The physical condition of all structural members. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 9

DESCRIPTION Excellent Condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Good Condition - some minor problems.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Very good condition - no problems noted

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Poor Condition - advanced section loss, deterioration, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable Also used for culverts

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 1

DESCRIPTION "Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting

structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Failed Condition - out of service - beyond corrective action.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 6

DESCRIPTION Satisfactory Condition - structural elements show some minor deterioration.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field SUPERSTRUC ▲

FIELD STRTYPAPSP ►

* ALIAS STRTYPAPSP

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Structure Type, Approach Spans FHWA-PD-96-001 Item #44 A three digit code composed of two segments indicating the type of structure for the approach spans to a major bridge or for the spans where the structural material is different. If this item is not applicable, the code is 000. A) Kind of material and/or design indicated by the first digit > 1-Concrete > 2-Concrete continuous > 3-Steel > 4-Steel continuous > 5-Prestressed concrete* > 6-Prestressed concrete continuous* > 7-Wood or Timber > 8-Masonry > 9-Aluminum, Wrought Iron, or Cast Iron > 0-Other > >* Post-tensioned concrete should be coded as prestressed concrete. > B) Type of design and/or construction indicated by the second and third digit. > 01-Slab > 02-Stringer/Multi-

beam or Girder > 03-Girder and Floorbeam System > 04-Tee Beam > 05-Box beam or Girders - Multiple > 06-Box beam or Girders - Single or Spread > 07-Frame (except frame culverts) > 08-Orthotropic > 09-Truss - Deck > 10-Truss - Thru > 11-Arch - Deck > 12-Arch - Thru > 13-Suspension > 14-Stayed Girder > 15-Movable - Lift > 16-Movable - Bascule > 17-Movable - Swing > 18-Tunnel > 19-Culvert (includes frame culverts) > 20-Mixed Types* > 21-Segmental Box Girder > 22-Channel Beam > 00-Other > >* Applicable only to approach spans The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field STRTYPAPSP ▲

FIELD DIRECTIONS ►

- * ALIAS DIRECTIONS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Additional information about the bridge that TGS observed in ortho imagery such as "Bridge has been reconstructed", "Bridge has been torn down", or "Rail line has been abandoned".

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field DIRECTIONS ▲

FIELD CITY ►

- * ALIAS CITY
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The name of the city which is closest to the entity. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 4. The [CITY] may be located in a different state or county than the bridge. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

DESCRIPTION SOURCE

TGS

DESCRIPTION OF VALUES

Text

Hide Field CITY ▲

FIELD TYPEOFSVC ►

* ALIAS TYPEOFSVC

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Type of Service FHWA-PD-96-001 Item #42 A two digit code composed of two segments indicating the type of service on and under the bridge > A) Type of service on bridge - First digit indicating the type of service "on" the bridge > 1-Highway > 2-Railroad > 3-Pedestrian-bicycle > 4-Highway-railroad > 5-Highway-pedestrian > 6-Overpass structure at an interchange or second level of a multilevel interchange > 7-Third level (Interchange) > 8-Fourth level (Interchange) > 9-Building or plaza > 0-Other B) Type of service under bridge - Second digit indicating the type of service "under" the bridge > 1-Highway, with or without pedestrian > 2-Railroad > 3-Pedestrian-bicycle > 4-Highway-railroad > 5-Waterway > 6-Highway-waterway > 7-Railroad-waterway > 8-Highway-waterway-railroad > 9-Relief for waterway > 0-Other > The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field TYPEOFSVC ▲

FIELD FEAT_INTER ►

* ALIAS FEAT_INTER

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Features Intersected FHWA-PD-96-001 Item #6 A description of the features intersected by the structure and a critical facility indicator, using up to twenty-five characters. When the Inventory Route indicates an "under" record, this item describes the inventory route and/or features under the structure. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field FEAT_INTER ▲

FIELD LGTHSTRIMP ►

* ALIAS LGTHSTRIMP

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Length of Structure Improvement FHWA-PD-96-001 Item #76 Length of the proposed bridge improvement to the nearest tenth of a meter (with an assumed decimal point). Formatted as a six digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field LGTHSTRIMP ▲

FIELD TOLL ►

* ALIAS TOLL

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Toll FHWA-PD-96-001 Item #20 The toll status of the structure. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 1

DESCRIPTION Toll bridge. Tolls are paid specifically to use the structure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 3

DESCRIPTION On free road. The structure is toll-free and carries a toll-free highway.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION On toll road. The structure carries a toll road, that is, tolls are paid to use the facility, which includes both the highway and the structure.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION On Interstate toll segment under Secretarial Agreement. Structure functions as part of the toll segment.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Toll bridge is a segment under Secretarial Agreement. Structure is separate agreement from highway segment.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field TOLL ▲

FIELD HISTSIGNIF ►

- * ALIAS HISTSIGNIF
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Historical Significance FHWA-PD-96-001 Item #37 The historical significance of a bridge involves a variety of characteristics: the bridge may be a particularly unique example of the history of engineering; the crossing itself might be significant; the bridge might be associated with a historical property or area; or historical significance could be derived from the fact that the bridge was associated with significant events or circumstances. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 3

DESCRIPTION Bridge is possibly eligible for the National Register of Historic Places (requires further investigation before determination can be made) or bridge is on a State or local historic register.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Bridge is eligible for the National Register of Historic Places.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Bridge is on the National Register of Historic Places.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 4

DESCRIPTION Historical significance is not determinable at this time.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Bridge is not eligible for the National Register of Historic Places.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field HISTSIGNIF ▲

FIELD GNIS_NAME ►

- * ALIAS GNIS_NAME
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Geographic Names Information System Name Proper name, specific term, or expression by which a particular geographic entity is known. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

DESCRIPTION OF VALUES

Text

Hide Field GNIS_NAME ▲

FIELD COM_ID ►

- * ALIAS COM_ID
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Common Identifier The common identifier is a 10-digit integer value that uniquely identifies the occurrence of each NHD feature (including reaches). Each value occurs only once throughout the Nation. Once assigned, the value is associated permanently with its feature. When features are deleted or split or merged, the values for their identifiers are retired. Com_ids are different between medium resolution and high resolution. Changes to common identifiers are not tracked. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

DESCRIPTION OF VALUES

Number

[Hide Field COM_ID ▲](#)

FIELD WORK_TYPE ►

* ALIAS WORK_TYPE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Type of Work FHWA-PD-96-001 Item #75 The type of work proposed to be accomplished on the structure to improve it to the point that it will provide the type of service needed and whether the proposed work is to be done by contract or force account. Formatted as a three digit code divided into two segments. If segment A is blank, then segment B should be blank also. A) Type of Work Proposed (first two digits) > 31-Replacement of bridge or other structure because of substandard load carrying capacity > or substandard bridge roadway geometry. > 32-Replacement of bridge or other structure because of relocation of road. > 33-Widening of existing bridge or other major structure without deck rehabilitation or > replacement; includes culvert lengthening. > 34-Widening of existing bridge with deck rehabilitation or replacement. > 35-Bridge rehabilitation because of general structure deterioration or inadequate strength. > 36-Bridge deck rehabilitation with only incidental widening. > 37-Bridge deck replacement with only incidental widening. > 38-Other structural work, including hydraulic replacements. > B) Work Done by (last digit) > 1-Work to be done by contract > 2-Work to be done by owners forces

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field WORK_TYPE ▲](#)

FIELD CRFTINSPCT ►

- * ALIAS CRFTINSPCT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Critical Feature Inspection FHWA-PD-96-001 Item #92 Denotes critical features that need special inspections or special emphasis during inspections and the designated inspection interval in months as determined by the individual in charge of the inspection program. Formatted as a series of three, three digit code segments. >A) Fracture Critical Details >B) Underwater Inspection >C) Other Special Inspection For each segment, the first position is coded Y for special inspection or emphasis needed or coded N for not needed. The first digit must be coded for all structures to designate either a yes or no answer. Those bridges coded with a Y in the first or second segments should be the same bridges contained in the Master Lists of fracture critical and special underwater inspection bridges. In the second and third digits of each segment, a two digit number indicating the number of months between inspections, only if the first digit is coded Y. If the first digit is coded N, the second and third digits are left blank. Formatted as nine digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field CRFTINSPCT ▲

FIELD TRFSFTYFET ►

- * ALIAS TRFSFTYFET
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Traffic Safety Features FHWA-PD-96-001 Item #36 Four-digit code divided into four sections representing the traffic safety features on the bridge. > >A) Bridge railings: Bridge railing inspection status >B) Transitions: Transitions inspection status. >C) Approach guardrail: Approach guardrail inspection status. >D) Approach guardrail ends: Approach guardrail ends inspection status. > The code used in each section to represent the inspection status: >0-Inspected feature does not meet currently acceptable standards or a safety > feature is required and none is provided. >1- Inspected feature meets currently acceptable standards. >N-Not applicable or a safety feature is not required. For structures on the NHS, national standards are set by regulation. For those not on the NHS, it shall be the responsibility of the highway agency (state, county, local or federal) to set standards. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field TRFSFTYFET ▲

FIELD INV_RATE ►

- * ALIAS INV_RATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Inventory Rating FHWA-PD-96-001 Item #66 Load level which can safely utilize an existing structure for an indefinite period of time. The total mass in metric tons of the entire vehicle measured to the nearest tenth of a metric ton (with an assumed decimal point). Formatted as a three digit number. Only the MS loading shall be used to determine the inventory rating. Code 999 for a structure under sufficient fill such that, according to AASHTO design, the live load is insignificant in the structure load capacity. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field INV_RATE ▲

FIELD PIERPROTCT ►

- * ALIAS PIERPROTCT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Pier or Abutment Protection (for Navigation) FHWA-PD-96-001 Item #111 Indicates the presence and adequacy of pier or abutment protection features such as fenders, dolphins, etc. If [NAVCONTROL] has been coded 0 or N, then the [PIERPROTCT] should be left blank to indicate not applicable. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 5

DESCRIPTION None present but reevaluation suggested

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION In place and functioning

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Navigation protection not required

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION In place but reevaluation of design suggested

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION In place but in a deteriorated condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Not Applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field PIERPROTCT ▲

FIELD SCRCRITBRG ►

* ALIAS SCRCRITBRG

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Scour Critical Bridges FHWA-PD-96-001 Item #113 Identifies the current status of the bridge regarding vulnerability to scour. Scour analyses are made by hydraulic/geotechnical/structural engineers. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 6

DESCRIPTION Scour calculation/evaluation has not been made. (Use only to describe case where bridge has not yet been evaluated for scour potential.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 8

DESCRIPTION Bridge foundations determined to be stable for assessed or calculated scour conditions; calculated scour is above top of footing.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Bridge foundations determined to be stable for calculated scour conditions; scour within limits of footing or piles.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Bridge foundations (including piles) on dry land well above flood water elevations.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 2

DESCRIPTION Bridge is scour critical: field review indicates that extensive scour has occurred at bridge foundations. Immediate action is required to provide scour countermeasures.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Bridge not over waterway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Bridge is scour critical; bridge foundations determined to be unstable for calculated scour conditions: > -Scour within limits of footing or piles. > -Scour below spread-footing base or pile tips.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Countermeasures have been installed to correct a previously existing problem with scour. Bridge is no longer scour critical.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 1

DESCRIPTION Bridge is scour critical; field review indicates that failure of piers/abutments is imminent. Bridge is closed to traffic.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Bridge foundations determined to be stable for calculated scour conditions; field review indicates action is required to protect exposed foundations from effects of additional erosion and corrosion.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Bridge is scour critical. Bridge has failed and is closed to traffic.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE T

DESCRIPTION Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. Bridge will be monitored with regular inspection cycle and with appropriate underwater inspections. ("Unknown" foundations in "tidal" waters should be coded U.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE U

DESCRIPTION Bridge with "unknown" foundation that has not been evaluated for scour. Since risk cannot be determined, flag for monitoring during flood events and, if appropriate, closure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field SCRCRITBRG ▲

FIELD MAINTNCE ►

* **ALIAS** MAINTNCE

* **DATA TYPE** String

* **WIDTH** 80

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

Maintenance Responsibility FHWA-PD-96-001 Item #21 A two digit code representing the actual name(s) of the agency(s) responsible for the maintenance of the structure recorded on the inspection form. The codes represent the type of agency that has primary responsibility for maintaining the structure. If more than one agency has equal maintenance responsibility, then one agency is coded in the hierarchy of State, Federal, county, city, railroad, and other private. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 64

DESCRIPTION U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 03

DESCRIPTION Town or Township Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 01

DESCRIPTION State Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 80

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 61

DESCRIPTION Indian Tribal Government

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 75

DESCRIPTION NASA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 71

DESCRIPTION Corps of Engineers (Military)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 21

DESCRIPTION Other State Agencies

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 26

DESCRIPTION Private (other than railroad)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 25

DESCRIPTION Other Local Agencies

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 66

DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 60

DESCRIPTION Other Federal Agencies (not otherwise listed)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 69

DESCRIPTION Bureau of Reclamation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 63

DESCRIPTION Bureau of Fish and Wildlife

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 70

DESCRIPTION Corps of Engineers (Civil)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 00

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 76

DESCRIPTION Metropolitan Washington Airports Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 67

DESCRIPTION Tennessee Valley Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 72

DESCRIPTION Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 31

DESCRIPTION State Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 02
DESCRIPTION County Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 74
DESCRIPTION Army
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 32
DESCRIPTION Local Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 04
DESCRIPTION City or Municipal Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 73
DESCRIPTION Navy/Marines
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 27
DESCRIPTION Railroad
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 62
DESCRIPTION Bureau of Indian Affairs
ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field MAINTNCE ▲

FIELD FEATURE_TY ►

- * ALIAS FEATURE_TY
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Feature Type The [FTYPE] in a single character string format. The values for this attribution were created from the National Hydrography Dataset and have not been verified by TGS.

DESCRIPTION SOURCE
TGS

LIST OF VALUES

VALUE SEA/OCEAN
DESCRIPTION The great body of salt water that covers much of the earth.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE STREAM/RIVER

DESCRIPTION A body of flowing water.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE INUNDATION AREA

DESCRIPTION An area of land subject to flooding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE SWAMP/MARSH

DESCRIPTION A noncultivated, vegetated area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE CANAL/DITCH

DESCRIPTION An artificial open waterway constructed to transport water to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE LAKE/POND

DESCRIPTION A standing body of water with a predominantly natural shoreline surrounded by land.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE AREA OF COMPLEX CHANNELS

DESCRIPTION An area where a stream or river flows in an intricate network of interlacing channels.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE PLAYA

DESCRIPTION The flat area at the lowest part of an undrained desert basin, generally devoid of vegetation.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE CONNECTOR

DESCRIPTION A known, but nonspecific, connection between two nonadjacent network segments.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE PIPELINE

DESCRIPTION A closed conduit, with pumps, valves and control devices, for conveying fluids, gases, or finely divided solids

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE RAPIDS

DESCRIPTION An area of swift current in a stream or river, characterized by standing waves or by boulders and rocks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE FORESHORE

DESCRIPTION The part of a seashore between high-water and low-water marks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE DAM/WEIR

DESCRIPTION A barrier constructed to control the flow or raise the level of water.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE WASH

DESCRIPTION The usually dry portion of a stream bed that contains water only during or after a local rainstorm or heavy snowmelt.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE SUBMERGED STREAM

DESCRIPTION An old river course inundated by an impounded water body.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE RESERVOIR

DESCRIPTION A constructed basin formed to contain water or other liquids.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE ARTIFICIAL PATH

DESCRIPTION An abstraction to facilitate hydrologic modeling through open water bodies and along coastal and Great Lakes shorelines and to act as a surrogate for lakes and other water bodies.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE COASTLINE

DESCRIPTION The line of ordinary low water along the portion of the coast that is in direct contact with the open sea which marks the seaward limit of inland waters.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MMS

VALUE ESTUARY

DESCRIPTION The lower end of a river, or a semi-enclosed costal body of water with access to the open ocean, which is affected by the tides and where fresh and salt water mix.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE LOCK CHAMBER

DESCRIPTION An enclosure on a waterway used to raise and lower vessels as they pass from one level to another.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE USGS

VALUE UNREPRESENTED WATERBODY

DESCRIPTION The waterbody referenced is not represented in the National Hydrography Dataset.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field FEATURE_TY ▲

FIELD DECKWDTH ►

- * ALIAS DECKWDTH
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Deck Width, Out-to-Out FHWA-PD-96-001 Item #52 The out-to-out width, formatted as a four digit number, to the nearest tenth of a meter (with an assumed decimal point). Where the roadway is on a fill carried across a pipe or box culvert and the culvert headwalls do not affect the flow of traffic, it is coded as 0000. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field DECKWDTH ▲

FIELD GEOPREC ►

* ALIAS GEOPREC

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Geocoding precision.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE ONENTITY

DESCRIPTION Location is on the bridge per the "Process_Description" section of this metadata. This value has also been used for records where [GEOHOW]="LINKED"

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

Hide Field GEOPREC ▲

FIELD FID ►

* ALIAS FID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD **MINVERTUCL** ▶

- * ALIAS MINVERTUCL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Minimum Vertical Underclearance FHWA-PD-96-001 Item #54 Minimum vertical clearance from the roadway (travel lanes only) or railroad track beneath the structure to the underside of the superstructure. (When both a railroad and highway are under the structure, the most critical dimension is coded). This is represented as a one digit code and a four digit number. A) Reference feature (first position): > H-Highway beneath structure > R-Railroad beneath structure > N-Feature not a highway or railroad B) Minimum Vertical Underclearance: Four digit number representing the minimum vertical clearance from that feature to the structure, truncated to the hundredth of a meter (with an assumed decimal point). When a restriction is 30 meters or greater, it is coded as 9999. Coding of actual clearances between 30 meters and 99.99 meters to an exact measurement is optional. If the feature is not a highway or railroad, the minimum vertical clearance is 0000. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field MINVERTUCL ▲](#)

FIELD **NUMAPPRSPN** ▶

- * ALIAS NUMAPPRSPN
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Number of Approach Spans FHWA-PD-96-001 Item #46 The number of spans in the approach spans to the major bridge, or the number of spans of material different from that of the major bridge. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field NUMAPPRSPN ▲](#)

FIELD CNTY_CODE ►

- * ALIAS CNTY_CODE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

County (Parish) Code FHWA-PD-96-001 Item #3 A three digit code identifying the county in which the bridge is located. Counties shall be identified using the Federal Information Processing Standards (FIPS) codes given in the current version of the Census of Population and Housing - Geographic Identification Code Scheme. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field CNTY_CODE ▲](#)

FIELD LNSONUNDR ►

- * ALIAS LNSONUNDR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Lanes On and Under the Structure FHWA-PD-96-001 Item #28 The number of lanes being carried by the structure and being crossed over by the structure as a four digit number composed of two, two digit segments. All lanes carrying highway traffic (i.e., cars, trucks, buses) which are striped or otherwise operated as a full width traffic lane for the entire length of the structure or under the structure by the owning/maintaining authority are included. This also includes any full width merge lanes and ramp lanes, and shall be independent of directionality of usage (i.e., a 1-lane bridge carrying 2-directional traffic is still considered to carry only one lane on the structure). When the inventory route is "on" the bridge, the sum of the total number of lanes on all inventoried routes under the bridge shall be coded. When the inventory route is "under" the bridge, only the number of lanes being identified by that "under" record shall be coded in the Lanes under the structure. When the inventory route is "under" the structure, the obstruction over the inventory route may be other than a highway bridge (railroad, pedestrian, pipeline, etc.). If there are no highway lanes on the obstructing structure, then 00 is coded. >A) Lane on the structure >B) Lanes under the structure The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

Hide Field LNSONUNDR ▲

FIELD UCLVERTHOR ►

* ALIAS UCLVERTHOR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Underclearances, Vertical and Horizontal FHWA-PD-96-001 Item #69 Overall condition of the Underclearances, Vertical and Horizontal. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

LIST OF VALUES

VALUE 0

DESCRIPTION Bridge Closed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 5

DESCRIPTION Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 7

DESCRIPTION Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE *

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 6

DESCRIPTION Equal to present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 9

DESCRIPTION Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

VALUE 8

DESCRIPTION Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 4

DESCRIPTION Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 3

DESCRIPTION Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

Hide Field UCLVERTHOR ▲

FIELD MINVERTOBR ►

* ALIAS MINVERTOBR

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Minimum Vertical Clearance Over Bridge Roadway FHWA-PD-96-001 Item #53 Actual minimum vertical clearance over the bridge roadway, including shoulders, to any superstructure restriction, rounded down to the nearest hundredth of a meter. Formatted as a four digit number. When no superstructure restriction exists above the bridge roadway, or when a restriction is 30 meters or greater, it is coded as 9999. Coding of actual clearances between 30 meters and 99.99 meters to an exact measurement is optional. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field MINVERTOBR ▲](#)

FIELD [AVDYTRCKTR ▶](#)

- * ALIAS AVDYTRCKTR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Average Daily Truck Traffic FHWA-PD-96-001 Item #109 The percentage of the [AVEDAYTRAF] that is truck traffic. Formatted as a two digit percentage. This does not included vans, pickup trucks, and other light delivery trucks. The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

DESCRIPTION OF VALUES

Text

[Hide Field AVDYTRCKTR ▲](#)

FIELD [STATUS ▶](#)

- * ALIAS STATUS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Status Definition not provided The values for this attribution have not been verified by TGS.

DESCRIPTION SOURCE

TGS

LIST OF VALUES

VALUE 1

DESCRIPTION Structurally Deficient

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE N

DESCRIPTION Not Applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 0

DESCRIPTION Not Deficient

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE 2

DESCRIPTION Functionally Obsolete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

VALUE <BLANK>

DESCRIPTION Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE TGS

[Hide Field STATUS ▲](#)

[Hide Details for object MS_Railroad_Bridges ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME *dataset

* LAST UPDATE 2017-04-07

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2017-04-06 09:38:54

LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-04-07 74:44:50

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2017-04-07 07:43:57

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Mike Thompson

ORGANIZATION'S NAME TechniGraphics, Inc.

CONTACT'S POSITION Director of Research and Development

CONTACT'S ROLE point of contact

[CONTACT INFORMATION ►](#)

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TYPE both

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COUNTRY US

E-MAIL ADDRESS mthompson@tgstech.com

HOURS OF SERVICE

Monday - Friday 0800 - 1700 MST

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL MS_Railroad_Bridges

ENTITY TYPE DEFINITION

A structure including supports erected over a depression or an obstruction, such as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads.

ENTITY TYPE DEFINITION SOURCE The National Bridge Inspection Standards published in the Code of Federal Regulations (23 CFR 650.3)

ATTRIBUTE

ATTRIBUTE LABEL DETOURLGTH

ATTRIBUTE DEFINITION

Bypass, Detour Length FHWA-PD-96-001 Item #19 A three digit number representing the actual length to the nearest kilometer of the detour length. The detour length should represent the total additional travel for a vehicle which would result from closing of the bridge. The factor to consider when determining if a bypass is available at the site is the potential for moving vehicles, including military vehicles, around the structure. If the bridge is one of twin bridges and is not at an interchange, code 001 where the other twin bridge can be used as a temporary bypass with a reasonable amount of crossover grading. A code of 199 is used for 199 kilometers or more. If a ground level bypass is available at the structure site for the inventory route, record and code the detour length as 000. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL MINLATUCLL

ATTRIBUTE DEFINITION

Minimum Lateral Underclearance on Left FHWA-PD-96-001 Item #56 The minimum lateral underclearance on the left (median side for divided highways) to the nearest tenth of a meter (with an assumed decimal point). The lateral clearance should be measured from the left edge of the roadway (excluding shoulders) to the nearest substructure unit, to a rigid barrier, or to the toe of slope steeper than 1 to 3. If there is no obstruction in the median area, a notation of "open" should be recorded and 999 should be coded. For clearances greater than 30 meters it should be coded as 998. Coding of actual clearances greater than 30 meters to an exact measurement is optional. 000 indicates not applicable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL FID_1

ATTRIBUTE

ATTRIBUTE LABEL ST_VERSION

ATTRIBUTE DEFINITION

Indicates the year and quarter of streets used for geocoding.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Streets were not used for geocoding; therefore, this record has no [ST_VERSION] value.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2008Q1

ENUMERATED DOMAIN VALUE DEFINITION

1st Quarter 2008 NAVTEQ street data was used for geocoding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE

ATTRIBUTE LABEL CONTDAT

ATTRIBUTE DEFINITION

Date entity was verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Date

ATTRIBUTE

ATTRIBUTE LABEL SUBSTRUCT

ATTRIBUTE DEFINITION

Substructure FHWA-PD-96-001 Item #60 The physical condition of piers, abutments, piles, fenders, footings, or other components. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Failed Condition - out of service - beyond corrective action.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Very Good Condition - no problems noted

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable Also used for culverts

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Poor Condition - advanced section loss, deterioration, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Good Condition - some minor problems.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

"Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

Excellent Condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Satisfactory Condition - structural elements show some minor deterioration.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL NAICSCODE

ATTRIBUTE DEFINITION

NAICS (North American Industry Classification System) Code for entity. NAICS Codes (and NAICS Descriptions) have been assigned based upon the entity's primary function, regardless of if that is the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, then it will have a different HSIP Theme in each dataset, but it should have the same NAICS Code and NAICS Description in each case.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME North American Industry Classification System (NAICS 2007)

CODESET SOURCE US Census Bureau - <http://www.census.gov/epcd/www/naics.html>

ATTRIBUTE

ATTRIBUTE LABEL SKEW

ATTRIBUTE DEFINITION

Skew FHWA-PD-96-001 Item #34 The angle between the centerline of a pier and a line normal to the roadway centerline. Skew is formatted as nn degrees to the nearest degree. If plans are available, the skew angle can be taken directly from the plans. If no plans are available, the angle is field measured if possible. Code 99 is used to indicate a major variation in skews of substructure units. Formatted as a two digit number The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL NAVCONTROL

ATTRIBUTE DEFINITION

Navigation Control FHWA-PD-96-001 Item #38 Indicates whether or not navigation control (a bridge permit for navigation) is required. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable, no waterway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Navigation control on waterway (bridge permit required).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

No navigation control on waterway (bridge permit not required).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL OP_RATE

ATTRIBUTE DEFINITION

Operating Rating FHWA-PD-96-001 Item #64 The absolute maximum permissible load level to which the structure may be subjected for the vehicle type used in the rating. Representing the total mass in metric tons of the entire vehicle measured to the nearest tenth of a metric ton (with an assumed decimal point). Formatted as a three digit number. Only MS loading was used to determine the operating rating. This is the metric equivalent of an HS loading. MS18 which has a mass of 32.4 metric tons should be coded as 324, and likewise, a MS13.5, is coded as 243. If the bridge will not carry a minimum of 2.7 metric tons of live load, the operating rating shall be coded 000; and consistent with the direction of the AASHTO Manual, it should be closed. Code 999 for a structure under sufficient fill such that, according to AASHTO design, the live load is insignificant in the structure load capacity. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL SECCLASS

ATTRIBUTE DEFINITION

Security classification of feature.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE UNCLASSIFIED
ENUMERATED DOMAIN VALUE DEFINITION
Entity is unclassified.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE
ATTRIBUTE LABEL YRAVEDTRAF
ATTRIBUTE DEFINITION
Year of Average Daily Traffic FHWA-PD-96-001 Item #30 The year represented by the Average Daily Traffic. Formatted as a four digit number. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE
ATTRIBUTE LABEL BRDGIMCOST
ATTRIBUTE DEFINITION
Bridge Improvement Cost FHWA-PD-96-001 Item #94 The estimated cost of the proposed bridge or major structure improvements in thousands of dollars. This only includes bridge construction costs, excluding roadway, right of way, detour, demolition, preliminary engineering, etc. Formatted as a six digit number. This item should not be used to estimate maintenance costs. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE
ATTRIBUTE LABEL FUTAVGTRAF
ATTRIBUTE DEFINITION
Future Average Daily Traffic FHWA-PD-96-001 Item #114 The forecasted average daily traffic (ADT) for the inventory route. This shall be projected at least 17 years, but no more than 22 years from the year of inspection. The intent is to provide a basis for a 20-year forecast. This item may be updated anytime, but must be updated when the forecast falls below the 17-year limit. Formatted as a six digit number. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE
ATTRIBUTE LABEL CRBSDWKWID
ATTRIBUTE DEFINITION
Curb or Sidewalk Widths FHWA-PD-96-001 Item #50 Widths of the left and right curbs or sidewalks to the nearest tenth of a meter (with assumed decimal points). "Left" and "Right" should be determined on the basis of direction of the inventory. This is a six-digit number composed of two segments: >A) Left curb or sidewalk width - first three digits >B) Right curb or sidewalk width - last three digits The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL YRFUTAVGTR
ATTRIBUTE DEFINITION

Year of Future Average Daily Traffic FHWA-PD-96-001 Item #115 The projected year of future ADT shall be at least 17 years but no more than 22 years from the year of inspection. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL COUNTY
ATTRIBUTE DEFINITION

County name where entity is located. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 3. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Geographic Names Information System (GNIS)

CODESET SOURCE US Department of the Interior - US Geologic Survey

ATTRIBUTE

ATTRIBUTE LABEL GEODATE
ATTRIBUTE DEFINITION

Date entity was geocoded by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Date

ATTRIBUTE

ATTRIBUTE LABEL BRDGRDWIDTH
ATTRIBUTE DEFINITION

Bridge Roadway Width, Curb-to-Curb FHWA-PD-96-001 Item #51 The most restrictive minimum distance between curbs or rails on the structure roadway. Formatted as a four digit number to the nearest tenth of a meter (with an assumed decimal point). Where the roadway is on fill carried across a structure and the headwalls or parapets do not affect the flow of traffic, it is coded 0000. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL STRUCSTAT
ATTRIBUTE DEFINITION

Structure Open, Posted, or Closed to Traffic FHWA-PD-96-001 Item #41 This item provides information about the actual operational status of a structure. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE K
ENUMERATED DOMAIN VALUE DEFINITION
Bridge closed to all traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE D
ENUMERATED DOMAIN VALUE DEFINITION
Open, would be posted or closed except for temporary shoring, etc. to allow for unrestricted traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE B
ENUMERATED DOMAIN VALUE DEFINITION
Open, posting recommended but not legally implemented (all signs not in place or not correctly implemented)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE P
ENUMERATED DOMAIN VALUE DEFINITION
Posted for load (may include other restrictions such as temporary bridges which are load posted)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE E
ENUMERATED DOMAIN VALUE DEFINITION
Open, temporary structure in place to carry legal loads while original structure is closed and awaiting replacement or rehabilitation.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE R
ENUMERATED DOMAIN VALUE DEFINITION
Posted for other load-capacity restriction (speed, number of vehicles on bridge, etc.)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE G
ENUMERATED DOMAIN VALUE DEFINITION
New structure not yet open to traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE A
ENUMERATED DOMAIN VALUE DEFINITION
Open, no restriction
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL NUMSPNMAIN

ATTRIBUTE DEFINITION

Number of Spans in Main Unit FHWA-PD-96-001 Item #45 The number of spans in the main or major unit indicated by a three digit number. Includes all spans of most bridges, the major unit only of a sizable structure, or a unit of material or design different from that of the approach spans. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL ST_VENDOR

ATTRIBUTE DEFINITION

Indicates name of vendor providing original street data used for geocoding.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Streets were not used for geocoding; therefore, this record has no [ST_VENDOR] value.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE NAVTEQ

ENUMERATED DOMAIN VALUE DEFINITION

NAVTEQ streets were used for geocoding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE

ATTRIBUTE LABEL X

ATTRIBUTE DEFINITION

Longitude in WGS 84 Decimal Degrees.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM -180

RANGE DOMAIN MAXIMUM 180

ATTRIBUTE UNITS OF MEASURE WGS 84 Decimal Degrees

ATTRIBUTE

ATTRIBUTE LABEL ZIP

ATTRIBUTE DEFINITION

Five (5) digit USPS zip code for entity's physical location. These values have been assigned spatially by using the US Census Bureau's TIGER 5-Digit ZCTA (Zip Code Tabulation Areas) boundaries. Because of the way these values were assigned, they may not correspond with the [CITY] attribute according to the USPS Address Information System (AIS). This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME USPS Address Information System - Domain is further restricted by only allowing physical (non PO Box) zip codes.
CODESET SOURCE United States Postal Service

ATTRIBUTE

ATTRIBUTE LABEL BASHWYNTWK

ATTRIBUTE DEFINITION

Base Highway Network FHWA-PD-96-001 Item #12 The Base Highway Network includes the through lane (mainline) portions of the NHS, rural/urban principal arterial system and rural minor arterial system. Ramps, frontage roads and other roadways are not included in the Base Network. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Inventory Route is not on the Base Network.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Inventory Route is on the Base Network.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL METHINVRAT

ATTRIBUTE DEFINITION

Method Used to Determine Inventory Rating FHWA-PD-96-001 Item #65 Load rating method used to determine the Inventory Rating for the structure The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Load Testing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Load and Resistance Factor (LRFR)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

No rating analysis performed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Allowable Stress (AS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Load Factor (LF)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL ID

ATTRIBUTE DEFINITION

Unique identifier for feature.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL FIPS

ATTRIBUTE DEFINITION

Five (5) digit FIPS (Federal Information Processing Standards) Code for the County where entity is located. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 3. The first two (2) digits represent the state and the last three (3) digits identify the county within the state. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Federal Information Processing Standards Publications - Counties and Equivalent Entities of the U.S., Its Possessions, and Associated Areas.

CODESET SOURCE National Institute of Standards and Technology (NIST)

<<http://www.itl.nist.gov/fipspubs/co-codes/states.txt>>

ATTRIBUTE

ATTRIBUTE LABEL STATE

ATTRIBUTE DEFINITION

Two (2) character USPS abbreviation for the state associated with the entity's physical location. These values have been assigned spatially by using the NAVTEQ State Boundaries. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Official USPS Abbreviations - State Abbreviations

CODESET SOURCE United States Postal Service

http://www.usps.com/ncsc/lookups/usps_abbreviations.html

ATTRIBUTE

ATTRIBUTE LABEL METHOPRATE

ATTRIBUTE DEFINITION

Method Used to Determine Operating Rating FHWA-PD-96-001 Item #63 Load rating method used to determine the Operating Rating. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

No rating analysis performed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Load Factor (LF)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Allowable Stress (AS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Load and Resistance Factor (LRFR)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Load Testing
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL NAVHORIZCLR
ATTRIBUTE DEFINITION
Navigation Horizontal Clearance FHWA-PD-96-001 Item #40 Horizontal clearance measurement imposed at the site that is shown on the navigation permit. If a navigation permit is required but not available, then the minimum horizontal clearance between fenders is used. The clearance is coded as a five-digit number truncated to the tenth of a meter (with an assumed decimal point). If Navigation Control has been coded 0 or N, the Navigation Horizontal Clearance should be 0000 to indicate not applicable. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL IRTEHORZCL
ATTRIBUTE DEFINITION
Inventory Route, Total Horizontal Clearance FHWA-PD-96-001 Item #47 The available clearance measured between the restrictive features -- curbs, rails, walls, piers, or other structural features limiting the roadway (surface and shoulders), coded as a three-digit number truncated to the nearest tenth of a meter (with an assumed decimal point). When the restriction is 100 meters or greater, it is coded as 999. The purpose of this item is to give the largest available clearance for the movement of wide loads. Flush and mountable medians are not considered to be restrictions. This clearance is defined in two ways; the most applicable was used: > 1. Clear distance between restrictions of the inventory route either "on" or "under" the structure. > 2. Roadway surface and shoulders - when there are no restrictions. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL DESIGNLOAD
ATTRIBUTE DEFINITION
Design Load FHWA-PD-96-001 Item #31 Indicates the live load for which the structure was designed. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: M 13.5 or English Description: H 15
ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Metric and English Description: Pedestrian
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Metric and English Description: Other or unknown (described on inspection reporting form)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: MS 13.5 or English Description: HS 15
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: MS 18 or English Description: HS 20
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Metric and English Description: Railroad
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: MS 22.5 or English Description: HS 25
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 6
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: MS 18+Mod or English Description: HS 20+Mod
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Metric Description: M 18 or English Description: H 20
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION

Metric Description: M 9 or English Description: H 10
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL BRDGPOSTNG

ATTRIBUTE DEFINITION

Bridge Posting FHWA-PD-96-001 Item #70 Bridge Posting of load limits. The National Bridge Inspection Standards requires the posting of load limits only if the maximum legal load configurations in the state exceeds the load permitted under the operating rating. Although posting for a bridge for load-carrying capacity is required only when the maximum legal load exceeds the operating rating, highway agencies may choose to post at a lower level. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

10.0 - 19.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

0.1 - 9.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

30.0 - 39.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

>39.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

20.0 - 29.9% below

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Equal to or above legal loads

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL AVEDAYTRAF

ATTRIBUTE DEFINITION

Average Daily Traffic FHWA-PD-96-001 Item #29 The average daily traffic volume for the inventory route using the most recent count available. Average Daily Truck Traffic is included in this count. If the bridge is closed, the actual Average Daily Traffic from before the closure occurred is used. Formatted as a six digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL FLOWDIR

ATTRIBUTE DEFINITION

Direction of flow relative to coordinate order. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Uninitialized

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Indeterminate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

With Digitized

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Against Digitized

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE

ATTRIBUTE LABEL INV_ROUTE

ATTRIBUTE DEFINITION

Inventory Route FHWA-PD-96-001 Item #5 The Inventory Route is a nine digit code composed of five segments describing the type of route. The sections and positions are as follows: A) Record Type - There are two types of National Bridge Inventory records: "on" and "under". "On" signifies that the inventory route is carried on the structure.

"Under" signifies that the inventory route goes under the structure. This code is the first position (leftmost) using one of the following codes: > 1-Route carried "on" the structure > 2-Single route goes "under" the structure > A through Z-Multiple routes go "under" the structure > Examples: A signifies the first of multiple routes under the structure. > B signifies the second of multiple routes under the structure. > Z signifies 26 routes under the structure. > B) Route Signing Prefix - This is the second position, identifying the route signing prefix for the inventory route using one of the following codes: > 1-Interstate highway > 2-U.S. numbered highway > 3-State highway > 4-County highway > 5-City street > 6-Federal lands road > 7-State lands road > 8-Other (includes toll roads not otherwise indicated or identified above) When two or more routes are concurrent, the highest class of route will be used. The hierarchy is in the order listed above. > C) Designated Level of Service - This is the third position, identifying the designated level of service for the inventory route using one of the following codes: > 0-None of the below > 1-Mainline > 2-Alternate > 3-Bypass > 4-Spur > 6-Business > 7-Ramp, Wye, Connector, etc. > 8-Service and/or unclassified frontage road > D) Route Number - This is denoted in the next 5 positions. This value is right justified in the field with leading zeros filled in. If concurrent routes are of the same hierarchy level, denoted by the route signing prefix, the lowest numbered route shall be coded. Code 00000 for bridges on roads without route numbers. > E) Directional Suffix - The directional suffix to the route number of the inventory route when it is part of the route number. This code is the last position (rightmost) using one of the following codes: > 0-Not applicable > 1-North > 2-East > 3-South > 4-West In some cases, letters may be used with route numbers and as part of the route numbers and not to indicate direction. In such cases, the letter should be included in the 5 position route number field. > The values for this attribution have not been verified by TGS. >

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL GNIS_ID

ATTRIBUTE DEFINITION

Geographic Names Information System ID Unique identifier assigned by GNIS. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL STRUCT_NUM

ATTRIBUTE DEFINITION

Structure Number FHWA-PD-96-001 Item #8 Official structure number represented by a fifteen digit number. Each agency should code the structure according to its own internal processing procedures. The structure number must be unique for each bridge within the state, and once established should preferably never change for the life of the bridge. The identical structure number must appear on the "on" and all "under" records associated with a particular structure. TGS has discovered State Code 513 + Structure Number 00000000001818 actually represents two separate bridges in Virginia. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL EMERGTITLE

ATTRIBUTE DEFINITION

Title of person or name of office for emergency point of contact.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL H2OWYADEQU

ATTRIBUTE DEFINITION

Waterway Adequacy FHWA-PD-96-001 Item #71 Appraisal of the waterway opening with respect to passage of flow through the bridge. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Bridge Closed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Equal to present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL NRRN_ID

ATTRIBUTE DEFINITION

National Railroad Network ID A non-unique identifier linking the HSIP Bridges-Rail Dataset with the National Railroad Dataset.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL PLACE_CODE

ATTRIBUTE DEFINITION

Place Code FHWA-PD-96-001 Item #4 A five digit number identifying the city, town, township, village, or other census-designated place in which the bridge is located. It shall be identified using the Federal Information Processing Standards (FIPS) codes given in the current version of the Census of Population and Housing - Geographic Identification Code Scheme. If there is no FIPS place code, then the code should be all zeros. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE

ATTRIBUTE LABEL FACCARIED

ATTRIBUTE DEFINITION

Facility Carried by Structure FHWA-PD-96-001 Item #7 The facility being carried by the structure; this item describes the use "on" the structure, using up to eighteen characters. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL BRDGBORDER
ATTRIBUTE DEFINITION

Border Bridge FHWA-PD-96-001 Item #98 Indicates the structures crossing borders of states. Formatted as a five digit number divided into two segments. A) Neighboring State Code - Three digits using the codes from the [STATE_CODE] field. B) Percent Responsibility - Two digits listing the percentage of total deck area of the existing bridge that the neighboring State is responsible for funding. For the special case of a structure on the border with Canada or Mexico, it is coded with the State Code value of either CAN or MEX respectively. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL PROJCTCOST
ATTRIBUTE DEFINITION

Total Project Cost FHWA-PD-96-001 Item #96 Represents the total project cost in thousands of dollars, including incidental costs not included in the Roadway Improvement Cost and the Bridge Improvement Cost. This includes all costs normally associated with the proposed bridge improvement project. Formatted as a six digit number. This item should not be used for representing maintenance costs. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE

ATTRIBUTE LABEL GEOHOW
ATTRIBUTE DEFINITION

Method by which entity was geocoded.

ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE MANUAL
ENUMERATED DOMAIN VALUE DEFINITION
Entity was manually geocoded.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE LINKED
ENUMERATED DOMAIN VALUE DEFINITION
For instances in which multiple records represent the same structure, one record has been selected for processing. The processed record has been linked to the non-processed records that represent the same structure, and the geographic coordinates from the processed record has been carried over to the corresponding linked records.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE

ATTRIBUTE LABEL CULVERTS

ATTRIBUTE DEFINITION

Culverts FHWA-PD-96-001 Item #62 Evaluation of the alignment, settlement, joints, structural condition, scour, and other items associated with culverts. The rating code is the overall condition evaluation of the culvert. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable. Use if structure is not a culvert.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Bridge Closed. Replacement necessary.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

No noticeable or noteworthy deficiencies which affect the condition of the culvert.

Insignificant scrape marks caused by drift.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Integral wingwalls collapsed, severe settlement of roadway due to loss of fill. Section of culvert may have failed and can no longer support embankment. Complete undermining at curtain walls and pipes. Corrective action required to maintain traffic. Metal culverts have extreme distortion and deflection throughout with extensive perforations due to corrosion.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Bridge closed. Corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Large spalls, heavy scaling, wide cracks, considerable efflorescence, or opened construction joint permitting loss of backfill. Considerable settlement or misalignment. Considerable scouring or erosion at curtain walls, wingwalls or pipes. Metal culverts have significant distortion and deflection throughout, extensive corrosion or deep pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Any condition described in 4 but which is excessive in scope. Severe movement or differential settlement of the segments, or loss of fill. Holes may exist in walls or slabs. Integral wingwalls nearly severed from culvert. Severe scour or erosion at curtain walls, wingwalls or pipes. Metal culverts have extreme distortion and deflection in one section, extensive corrosion, or deep pitting with scattered perforations.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Shrinkage cracks, light scaling, and insignificant spalling which does not expose reinforcing steel. Insignificant damage caused by drift with no misalignment and not requiring corrective action. Some minor scouring has occurred near curtain walls, wingwalls, or pipes. Metal culverts have a smooth symmetrical curvature with superficial corrosion and no pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Deterioration or initial disintegration, minor chloride contamination, cracking with some leaching, or spalls on concrete or masonry walls and slabs. Local minor scouring at curtain walls, wingwalls, or pipes. Metal culverts have a smooth curvature, non-symmetrical shape, significant corrosion or moderate pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Moderate to major deterioration or disintegration, extensive cracking and leaching, or spalls on concrete or masonry walls and slabs. Minor settlement or misalignment. Noticeable scouring or erosion at curtain walls, wingwalls, or pipes. Metal culverts have significant distortion and deflection in one section, significant corrosion or deep pitting.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

No deficiencies

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE

ATTRIBUTE LABEL SHAPE

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL EMERGTEL

ATTRIBUTE DEFINITION

Ten (10) digit telephone number of emergency point of contact formatted as nnn-~~nnn~~-nnnn. All alphabetic characters have been translated to the corresponding numeric digit.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Phone numbers, including area code, formatted as nnn-~~nnn~~-nnnn. A list of valid area code and exchange combinations can be found at <http://www.nanpa.com>

ATTRIBUTE

ATTRIBUTE LABEL NAVVERTCLR

ATTRIBUTE DEFINITION

Navigation Vertical Clearance FHWA-PD-96-001 Item #39 Minimum vertical clearance imposed at the site as measured above a datum that is specified on a navigation permit issued by a control agency. The measurement shall be coded as a four digit number truncated to the tenth of a meter (with an assumed decimal point). Measurement will show the clearance that is allowable for navigational purposes. If Navigation Control has been coded 0 or N, the Navigation Vertical Clearance should be 000 to indicate not applicable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUT
E

ATTRIBUTE LABEL CONTHOW

ATTRIBUTE DEFINITION

Method by which entity was verified.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Entity has not been verified by TGS.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE ALT REF

ENUMERATED DOMAIN VALUE DEFINITION

Geospatial reference information obtained from ortho imagery, topographic DRGs, and/or local authorities, e.g., downloadable parcel maps, 911 streets, and shape files.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIB
UTE

ATTRIBUTE LABEL LRS_INV RTE

ATTRIBUTE DEFINITION

LRS Inventory Route, Subroute Number FHWA-PD-96-001 Item #13 Inventory route for the States linear referencing system (LRS). If the Base Highway Network has been coded 0, this entire item should be left blank. This is a twelve digit code composed of two segments. A) LRS Inventory Route - A ten digit number that can be alphanumeric, but must not contain blanks. The LRS inventory route number is not necessarily the same as that posted along the roadway, but is a number used to uniquely identify a route within at least a county and perhaps throughout the State. B) Subroute Number - A two digit number that uniquely identified portions of an inventory route sections

where duplicate kilometerpoints occur. These subroute numbers, if they exist, are identified in the States HPMS-LRS records. If there is no subroute number, this segment should be coded 00. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRI
BUTE

ATTRIBUTE LABEL HWYAGDIST

ATTRIBUTE DEFINITION

Highway Agency District FHWA-PD-96-001 Item #2 The highway agency district (State or Federal) in which the bridge is located shall be represented by a two digit code. Existing district numbers shall be used where districts are identified by number. Where districts are identified by name, a code number shall be assigned based on an alphabetical or organizational listing of the districts. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

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ATTRIBUTE LABEL LINK_ID

ATTRIBUTE DEFINITION

A non-unique identifier linking the National Railroad Dataset to NAVTEQ Railroad features. The values for this attribution were taken directly from the source and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

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ATTRIBUTE LABEL YRRECONSTR

ATTRIBUTE DEFINITION

Year Reconstructed FHWA-PD-96-001 Item #106 The year of the most recent reconstruction of the structure. Formatted as a four digit number. To be defined as reconstructed, the type of work performed, whether or not it meets current minimum standards, must have been eligible for funding under any of the Federal-aid funding categories. The eligibility criteria would apply to the work performed regardless of whether all state or local funds or Federal-aid funds were used. Some types of eligible work not to be considered as reconstruction are: > -Safety feature replacement or upgrading > -Painting of structural steel > -Overlay of bridge deck as part of a larger highway surfacing project > -Utility work > -Emergency repair to restore structural integrity to the previous status following an accident > -Retrofitting to correct a deficiency which does not substantially alter physical geometry or > increase the load-carrying capacity > -Work performed to keep a bridge operational while plans for

complete rehabilitation or > replacement are under preparation The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

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ATTRIBUTE LABEL NAICSDESCR

ATTRIBUTE DEFINITION

NAICS (North American Industry Classification System) Description for entity. At the request of NGA, the "Index Entries" that appear on the NAICS webpage (<<http://www.census.gov/epcd/www/naics.html>>) are being used to populate this field, as opposed to the "NAICS Title". While there is a one to one correspondence between NAICS Codes and "NAICS Titles", there is a one to many relationship between NAICS Codes and the "Index Entries". By using the "Index Entries", we have placed the entities that make up this layer into more specific categories; however, the user of this data should be aware that this was not the intended purpose of these "Index Entries". The "Index Entries" were intended as a way to search the NAICS database and as a means of enumerating establishment types under the given NAICS Code. Thus, there are often two or more "Index Entries" that are synonyms, for example: "Prisons" and "Penitentiaries". In cases like this, we have standardized on one "Index Entry". NAICS Descriptions (and NAICS Codes) have been assigned based upon the entity's primary function, regardless of if that is the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, then it will have a different HSIP Theme in each dataset, but it should have the same NAICS Code and NAICS Description in each case.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE BRIDGE, TUNNEL, AND HIGHWAY OPERATIONS

ENUMERATED DOMAIN VALUE DEFINITION

BRIDGE, TUNNEL, AND HIGHWAY OPERATIONS - [NAICS Code 488490]: This industry comprises establishments primarily engaged in providing services (except motor vehicle towing) to road network users.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

U.S. Census Bureau

A
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T
E

ATTRIBUTE LABEL MINAVERCLR
ATTRIBUTE DEFINITION
Minimum Navigation Vertical Clearance, Vertical Lift Bridge FHWA-PD-96-001 Item #116 The minimum vertical clearance imposed at the site as measured above a datum that is specified on a navigation permit issued by a control agency. Formatted as a four digit number truncated to the tenth of a meter (with an assumed decimal point). This is only for vertical lift bridges in the dropped or closed position, otherwise it is left blank. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

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ATTRIBUTE LABEL BRDGMEDIAN
ATTRIBUTE DEFINITION
Bridge Median FHWA-PD-96-001 Item #33 Indicates whether the median is non-existent, open or closed. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Closed median with non-mountable barriers
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Open median
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Closed median (no barrier)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
No median
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL REACHCODE

ATTRIBUTE DEFINITION

Reach Code A numeric code that uniquely identifies a reach. This 14-digit code has 2 parts: the first 8 digits are the hydrologic unit code for the subbasin (formerly, known as cataloging unit) in which the reach exists; the last 6 digits are a sequence number assigned in arbitrary order to the reaches within that subbasin. Each reach code occurs only once throughout the Nation. Once assigned, a reach code is associated with its reach permanently. If a reach is deleted, its reach code is retired. Reach codes facilitate the geocoding or linking of observations, such as a water quality sampling sites, to reaches. They form the basis for a national linear referencing system which supports linking such observations to a point along a reach, an entire reach, or groups of reaches. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL CLASINVRTE

ATTRIBUTE DEFINITION

Functional Classification of Inventory Route FHWA-PD-96-001 Item #26 A two digit code representing the functional classification of the inventory route. The bridge shall be coded rural if not inside a designated urban area. The urban or rural designation shall be determined by the bridge location and not the character of the roadway. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 11

ENUMERATED DOMAIN VALUE DEFINITION

Urban - Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 00

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 17
ENUMERATED DOMAIN VALUE DEFINITION
Urban - Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 16
ENUMERATED DOMAIN VALUE DEFINITION
Urban - Minor Arterial
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 14
ENUMERATED DOMAIN VALUE DEFINITION
Urban - Other Principal Arterial
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 09
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Local
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 12
ENUMERATED DOMAIN VALUE DEFINITION
Urban - Principal Arterial - Other Freeways or Expressways
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 07
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Major Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 02
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Principal Arterial - Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 01
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Principal Arterial - Interstate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 19
ENUMERATED DOMAIN VALUE DEFINITION
Local
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 06
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 08
ENUMERATED DOMAIN VALUE DEFINITION
Rural - Minor Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

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ATTRIBUTE LABEL DSNNTINTWK
ATTRIBUTE DEFINITION
Designated National Network FHWA-PD-96-001 Item #110 Indicates whether the inventory route is part of the national network for trucks. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
The inventory route is part of the national network for trucks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
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ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
The inventory route is not part of the national network for trucks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

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ATTRIBUTE LABEL WEARSFRACE
ATTRIBUTE DEFINITION
Wearing Surface/Protective System FHWA-PD-96-001 Item #108 Information on the wearing surface and protective system of the bridge deck. Formatted as a three digit

number composed of three segments. A) Type of Wearing Surface > 1-Monolithic Concrete (concurrently placed with structural deck) > 2-Integral Concrete (separate non-modified layer of concrete added to structural deck) > 3-Latex Concrete or similar additive > 4-Low Slump Concrete > 5-Epoxy Overlay > 6-Bituminous > 7-Wood or Timber > 8-Gravel > 9-Other > 0-None (no additional concrete thickness or wearing surface is included in the bridge deck) > N-Not Applicable (applies only to structures with no deck) > B) Type of Membrane > 1-Built-up > 2-Preformed Fabric > 3-Epoxy > 8-Unknown > 9-Other > 0-None > N-Not Applicable (applies only to structures with no deck) > C) Deck Protection > 1-Epoxy Coated Reinforcing > 2-Galvanized Reinforcing > 3-Other Coated Reinforcing > 4-Cathodic Protection > 6-Polymer Impregnated > 7-Internally Sealed > 8-Unknown > 9-Other > 0-None > N-Not Applicable (applies only to structures with no deck) > The values for this attribution have not been verified by TGS. >

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

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ATTRIBUTE LABEL RDWYIMCOST

ATTRIBUTE DEFINITION

Roadway Improvement Cost FHWA-PD-96-001 Item #95 Represents the cost of the proposed roadway improvement in thousands of dollars. This includes only roadway construction costs, excluding bridge, right-of-way, detour, extensive roadway realignment costs, preliminary engineering, etc. Formatted as a six digit number. This item should not be used to estimate maintenance costs. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

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ATTRIBUTE LABEL HWYSYSIRTE

ATTRIBUTE DEFINITION

Highway System of the Inventory Route FHWA-PD-96-001 Item #104 Indicates whether the inventory route is on the National Highway System (NHS) or not on that system. Upon approval of the NHS by Congress, the coding is to reflect the approved NHS. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Inventory Route is on the NHS.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Inventory Route is not on the NHS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL STRUCFLARE
ATTRIBUTE DEFINITION
Structure Flared FHWA-PD-96-001 Item #35 Indicates if the structure is flared (i.e., the width of the structure varies). Such variance can result from ramps converging with or diverging from through lanes on the structure, but there may be other causes. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
No Flare
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Yes, flared
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL STRTYPMAIN

ATTRIBUTE DEFINITION

Structure Type, Main FHWA-PD-96-001 Item #43 A three digit code composed of two segments representing the type of structure of the main span(s). A) Kind of material and/or design indicated by the first digit > 1-Concrete > 2-Concrete continuous > 3-Steel > 4-Steel continuous > 5-Prestressed concrete* > 6-Prestressed concrete continuous* > 7-Wood or Timber > 8-Masonry > 9-Aluminum, Wrought Iron, or Cast Iron > 0-Other > >* Post-tensioned concrete should be coded as prestressed concrete. > B) Type of design and/or construction indicated by the second and third digit. > 01-Slab > 02-Stringer/Multi-beam or Girder > 03-Girder and Floorbeam System > 04-Tee Beam > 05-Box beam or Girders - Multiple > 06-Box beam or Girders - Single or Spread > 07-Frame (except frame culverts) > 08-Orthotropic > 09-Truss - Deck > 10-Truss - Thru > 11-Arch - Deck > 12-Arch - Thru > 13-Suspension > 14-Stayed Girder > 15-Movable - Lift > 16-Movable - Bascule > 17-Movable - Swing > 18-Tunnel > 19-Culvert (includes frame culverts) > 20-Mixed Types* > 21-Segmental Box Girder > 22-Channel Beam > 00-Other > >* Applicable only to approach spans The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL DESCRIPTIO

ATTRIBUTE DEFINITION

The description field uses a single character string to encode one or more characteristics and values for each feature code. The general format of the character string is characteristic|value, in which "characteristic" is the name of the characteristic. The vertical line character ("|") separates the characteristic and value. "Value" is the value of the characteristic for the feature code. When two or more characteristics are encoded by a feature code, these characteristic-value pairs are separated by the semicolon and space characters ("; "). If no characteristics are encoded (that is, if the code ends in "00"), the text "Feature type only: no attributes" is encoded. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS. > Area of Complex Channels > > Artificial Path > > Canal/Ditch > 1. Canal/Ditch Type > A. Aqueduct > B. Unspecified > > Coastline > > Connector > > Dam/Weir > 1. Construction Material > A. Earthen > B. Nonearthen > C. Unspecified > 2. Operational Status > A. Abandoned > B. Operational > C. Under Construction > Estuary > > Foreshore > > Inundation Area > 1. Inundation Control Status > A. Controlled > B. Not Controlled > 2. Inundation Area Type > A. Debris Basin > B. Dewatering Area > C. Duck Pond > D. General Case > E. Percolation Basin

> F. Retarding Basin > Lake/Pond > 1. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 2. Water Characteristics > A. Alkaline > B. Hot > C. Salt > D. Sulphur > E. Unspecified > Lock Chamber > > Pipeline > 1. Product > A. Heat > B. Water > 2. Pipeline Type > A. Aqueduct > B. General Case > C. Penstock > D. Siphon > 3. Relationship to Surface > A. Abovewater > B. At or Near > C. Elevated > D. Underground > E. Underwater > F. Unspecified > Playa > > Rapids > > Reservoir > 1. Construction Material > A. Earthen > B. Nonearthen > C. Unspecified > 2. Cover Status > A. Covered > B. Not Covered > C. Unspecified > 3. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 4. Reservoir Type > A. Aquaculture > B. Decorative Pool > C. Disposal-Tailings Pond > D. Disposal-Unspecified > E. Evaporator > F. Swimming Pool > G. Treatment-Cooling Pond > H. Treatment-Filtration Pond > I. Treatment-Settling Pond > J. Treatment-Sewage Treatment Pond > K. Unspecified > L. Water Storage > Sea/Ocean > 1. Sea/Ocean Category > A. Reef Pool > B. Unspecified > Stream/River > 1. Hydrographic Category > A. Intermittent > B. Perennial > C. Unspecified > 2. Positional Accuracy > A. Approximate > B. Definite > C. Indefinite > D. Not Applicable > Submerged Stream > > Swamp/Marsh > > Wash

ATTRIBUTE DEFINITION SOURCE Florida Geographic Data Library Documentation Version 2006

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL QLONGITUDE

ATTRIBUTE DEFINITION

Longitude FHWA-PD-96-001 Item #17 The longitude of each bridge formatted in degrees, minutes, and seconds to the nearest hundredth of a second (with an assumed decimal point). The point of the coordinate may be the beginning of the bridge in the direction of the inventory or any other consistent point of reference on the bridge which is compatible with the LRS. If the bridge is not on a STRAHNET highway or the NHS, a code of all zeros is acceptable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL QLATITUDE

ATTRIBUTE DEFINITION

Latitude FHWA-PD-96-001 Item #16 The latitude of each bridge formatted in degrees, minutes, and seconds to the nearest hundredth of a second (with an assumed decimal point). The point of the coordinate may be the beginning of the bridge in the direction of the inventory or any other consistent point of reference on the bridge which is compatible with the LRS. If the bridge is not on a STRAHNET highway or the NHS, a code of all zeros is acceptable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL OWNER

ATTRIBUTE DEFINITION

Owner FHWA-PD-96-001 Item #22 A two digit code representing the actual name(s) of the owner(s) of the bridge recorded on the inspection form. The codes represent the type of agency that is the primary owner of the structure. If more than one agency has equal ownership, then one agency is coded in the hierarchy of State, Federal, county, city, railroad, and other private. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 71

ENUMERATED DOMAIN VALUE DEFINITION

Corps of Engineers (Military)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 72

ENUMERATED DOMAIN VALUE DEFINITION

Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 64

ENUMERATED DOMAIN VALUE DEFINITION

U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 70

ENUMERATED DOMAIN VALUE DEFINITION

Corps of Engineers (Civil)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 27

ENUMERATED DOMAIN VALUE DEFINITION
Railroad
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 31
ENUMERATED DOMAIN VALUE DEFINITION
State Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 66
ENUMERATED DOMAIN VALUE DEFINITION
National Park Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 00
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 74
ENUMERATED DOMAIN VALUE DEFINITION
Army
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 68
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Land Management
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 76
ENUMERATED DOMAIN VALUE DEFINITION
Metropolitan Washington Airports Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 75
ENUMERATED DOMAIN VALUE DEFINITION
NASA
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 32
ENUMERATED DOMAIN VALUE DEFINITION
Local Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 01
ENUMERATED DOMAIN VALUE DEFINITION
State Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 25
ENUMERATED DOMAIN VALUE DEFINITION
Other Local Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 03
ENUMERATED DOMAIN VALUE DEFINITION
Town or Township Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 62
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Indian Affairs
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 26
ENUMERATED DOMAIN VALUE DEFINITION
Private (other than railroad)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 21
ENUMERATED DOMAIN VALUE DEFINITION
Other State Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 12
ENUMERATED DOMAIN VALUE DEFINITION
Local Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 11
ENUMERATED DOMAIN VALUE DEFINITION
State Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 80
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 67
ENUMERATED DOMAIN VALUE DEFINITION
Tennessee Valley Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 60
ENUMERATED DOMAIN VALUE DEFINITION
Other Federal Agencies (not otherwise listed)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 73
ENUMERATED DOMAIN VALUE DEFINITION
Navy/Marines
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 02
ENUMERATED DOMAIN VALUE DEFINITION
County Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 69
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Reclamation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 04
ENUMERATED DOMAIN VALUE DEFINITION
City or Municipal Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 63
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Fish and Wildlife
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 61
ENUMERATED DOMAIN VALUE DEFINITION
Indian Tribal Government
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL YRIMCSTEST

ATTRIBUTE DEFINITION

Year of Improvement Cost Estimate FHWA-PD-96-001 Item #97 Year in which the cost of work estimated in the Bridge Improvement Cost, Roadway Improvement Cost, and Total Project Cost were based upon. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL FTYPE
ATTRIBUTE DEFINITION
Feature Type Three-digit integer value, unique identifier of a feature type. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 484

ENUMERATED DOMAIN VALUE DEFINITION

WASH Subtype of NHDArea Usually dry portion of a stream bed that contains water only during or after a local rainstorm or heavy snowmelt.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 445

ENUMERATED DOMAIN VALUE DEFINITION

SEAOCEAN Subtype of NHDArea

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 566

ENUMERATED DOMAIN VALUE DEFINITION

COASTLINE Subtype of NHDFlowline Line that follows the main outline of the land, including bays, but crosses rivers at their mouth. In the NHD, the outline of selected coastal islands are included as part of the coastline.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 334

ENUMERATED DOMAIN VALUE DEFINITION

CONNECTOR Subtype of NHDFlowline Known but unspecific, connection between two nonadjacent network segments.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 436

ENUMERATED DOMAIN VALUE DEFINITION
RESERVOIR Subtype of NHDWaterbody Constructed basin formed to contain water or other liquids.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 364
ENUMERATED DOMAIN VALUE DEFINITION
FORESHORE Subtype of NHDArea Part of a seashore between high-water and low-water marks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 398
ENUMERATED DOMAIN VALUE DEFINITION
LOCK CHAMBER Subtype of NHDArea Enclosure on a waterway used to raise/lower vessels as they pass from one level to another.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 460
ENUMERATED DOMAIN VALUE DEFINITION
STREAMRIVER Subtype of NHDFlowline Body of flowing water.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 390
ENUMERATED DOMAIN VALUE DEFINITION
LAKEPOND Subtype of NHDWaterbody Standing body of water with a predominantly natural shoreline surrounded by land.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 558
ENUMERATED DOMAIN VALUE DEFINITION
ARTIFICIAL PATH Subtype of NHDFlowline Abstraction to facilitate hydrologic modeling through open water bodies and along coastal and Great Lakes shorelines and to act as a surrogate for lakes and other water bodies.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 361
ENUMERATED DOMAIN VALUE DEFINITION
PLAYA Subtype of NHDWaterbody Flat area at the lowest part of an undrained desert basin, generally devoid of vegetation.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 343
ENUMERATED DOMAIN VALUE DEFINITION
DAMWEIR Subtype of NHDArea Barrier constructed to control the flow or raise the level of water.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS National Hydrography Dataset (NHD) Model (v1.06)
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 493
ENUMERATED DOMAIN VALUE DEFINITION

ESTUARY Subtype of NHDWaterbody Lower end of a river, or a semi-enclosed coastal body of water with access to the open ocean, which is affected by the tides and where fresh and salt water mix.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 428

ENUMERATED DOMAIN VALUE DEFINITION

PIPELINE Subtype of NHDFlowline Closed conduit with pumps, valves, and control devices, for conveying fluids, gases, or finely divided solids.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 336

ENUMERATED DOMAIN VALUE DEFINITION

CANALDITCH Subtype of NHDFlowline Artificial open waterway constructed to transport water, to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 461

ENUMERATED DOMAIN VALUE DEFINITION

SUBMERGED STREAM Subtype of NHDArea Old river course inundated by an impounded water body.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 537

ENUMERATED DOMAIN VALUE DEFINITION

AREA OF COMPLEX CHANNELS Subtype of NHDArea Area where a stream or river flows in an intricate network of interlacing channels.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 466

ENUMERATED DOMAIN VALUE DEFINITION

SWAMPMARSH Subtype of NHDWaterbody Noncultivated, vegetated area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 431

ENUMERATED DOMAIN VALUE DEFINITION

RAPIDS Subtype of NHDArea Area of swift current in a stream or river, characterized by standing waves or by boulders and rocks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 403

ENUMERATED DOMAIN VALUE DEFINITION

INUNDATION AREA Subtype of NHDArea Area of land subject to flooding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS National Hydrography Dataset (NHD) Model (v1.06)

ATTRIBUTE LABEL SUFFNCYRAT

ATTRIBUTE DEFINITION

Sufficiency Rating Definition not provided The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL CHANPROTEC

ATTRIBUTE DEFINITION

Channel and Channel Protection FHWA-PD-96-001 Item #61 The physical conditions associated with the flow of water through the bridge such as stream stability and the condition of the channel, riprap, slope protection, or stream control devices including spur dikes. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable. Use when bridge is not over a waterway (channel).

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Bridge closed because of channel failure. Replacement necessary.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Bridge closed because of channel failure. Corrective action may put back in light service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

There are no noticeable or noteworthy deficiencies which affect the condition of the channel.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

The channel has changed to the extent the bridge is near a state of collapse.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Bank protection has failed. River control devices have been destroyed. Stream bed aggradation, degradation, or lateral movement has changed the channel to now threaten the bridge and/or approach roadway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and brush restrict the channel.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL FCODE

ATTRIBUTE DEFINITION

Feature Code Five-digit feature code that encodes the feature type and combinations of characteristics and values that can be assigned to a type. The first three digits encode the feature type, and the last two digits encode a set of characteristics and values. The general format of the feature code is FFFCC, in which FFF is the three-digit code for a feature type. CC is the two-digit code for a combination of values for characteristics associated with a feature type. If only the feature type is identified, these last two digits are assigned the value "0". The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE Florida Geographic Data Library Documentation Version 2006

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 40309

ENUMERATED DOMAIN VALUE DEFINITION

INUNDATION AREA Inundation Control|controlled; Stage|flood elevation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 43600

ENUMERATED DOMAIN VALUE DEFINITION

RESERVOIR feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 42803

ENUMERATED DOMAIN VALUE DEFINITION

PIPELINE Product|water; Pipeline Type|aqueduct; Relationship to Surface|underground

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 42801

ENUMERATED DOMAIN VALUE DEFINITION

PIPELINE Product|water; Pipeline Type|aqueduct; Relationship to Surface|at or near

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 40308

ENUMERATED DOMAIN VALUE DEFINITION

INUNDATION AREA Inundation Control|controlled

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 44500
ENUMERATED DOMAIN VALUE DEFINITION
SEA/OCEAN feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 43612
ENUMERATED DOMAIN VALUE DEFINITION
RESERVOIR Reservoir Type|treatment-sewage treatment pond; Construction
Material|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 33400
ENUMERATED DOMAIN VALUE DEFINITION
CONNECTOR feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 46100
ENUMERATED DOMAIN VALUE DEFINITION
SUBMERGED STREAM feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 46003
ENUMERATED DOMAIN VALUE DEFINITION
STREAM/RIVER Hydrographic Category|intermittent; Positional Accuracy|not applicable
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 36100
ENUMERATED DOMAIN VALUE DEFINITION
PLAYA feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 39001
ENUMERATED DOMAIN VALUE DEFINITION
LAKE/POND Hydrographic Category|intermittent; Water Characteristics|salt
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 39800
ENUMERATED DOMAIN VALUE DEFINITION
LOCK CHAMBER feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 39010
ENUMERATED DOMAIN VALUE DEFINITION
LAKE/POND Hydrographic Category|perennial; Stage|normal pool
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 33600
ENUMERATED DOMAIN VALUE DEFINITION
CANAL/DITCH feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 46007
ENUMERATED DOMAIN VALUE DEFINITION
STREAM/RIVER Hydrographic Category|ephemeral; Positional Accuracy|not applicable
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 43100
ENUMERATED DOMAIN VALUE DEFINITION
RAPIDS feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 43606
ENUMERATED DOMAIN VALUE DEFINITION
RESERVOIR Reservoir Type|disposal-unspecified; Construction Material|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 34306
ENUMERATED DOMAIN VALUE DEFINITION
DAM/WEIR Construction Material|nonearthen
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 39012
ENUMERATED DOMAIN VALUE DEFINITION
LAKE/POND Hydrographic Category|perennial; Stage|spillway elevation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 48400
ENUMERATED DOMAIN VALUE DEFINITION
WASH feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 49300
ENUMERATED DOMAIN VALUE DEFINITION
ESTUARY feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 39004
ENUMERATED DOMAIN VALUE DEFINITION
LAKE/POND Hydrographic Category|perennial; Water Characteristics|unspecified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 55800
ENUMERATED DOMAIN VALUE DEFINITION
ARTIFICIAL PATH feature type only: no attributes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 42813
 ENUMERATED DOMAIN VALUE DEFINITION
 PIPELINE Product|water; Pipeline Type|siphon; Relationship to Surface|unspecified
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 42807
 ENUMERATED DOMAIN VALUE DEFINITION
 PIPELINE Product|water; Pipeline Type|general case; Relationship to
 Surface|underground
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 40307
 ENUMERATED DOMAIN VALUE DEFINITION
 INUNDATION AREA Inundation Control Status|not controlled
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 43613
 ENUMERATED DOMAIN VALUE DEFINITION
 RESERVOIR Reservoir Type|water storage; Construction Material|nonearthen; Cover
 Status|covered; Hydrographic Category|unspecified
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 33601
 ENUMERATED DOMAIN VALUE DEFINITION
 CANAL/DITCH Canal/Ditch Type|aqueduct
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 46600
 ENUMERATED DOMAIN VALUE DEFINITION
 SWAMP/MARSH feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 46006
 ENUMERATED DOMAIN VALUE DEFINITION
 STREAM/RIVER Hydrographic Category|perennial; Positional Accuracy|not applicable
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 36400
 ENUMERATED DOMAIN VALUE DEFINITION
 FORESHORE feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 46000
 ENUMERATED DOMAIN VALUE DEFINITION
 STREAM/RIVER feature type only: no attributes
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 USGS NHDinGEO FCodes by layer
 ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 39009
ENUMERATED DOMAIN VALUE DEFINITION
LAKE/POND Hydrographic Category|perennial; Stage|average water elevation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 53700
ENUMERATED DOMAIN VALUE DEFINITION
AREA OF COMPLEX CHANNELS feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 56600
ENUMERATED DOMAIN VALUE DEFINITION
COASTLINE feature type only: no attributes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
USGS NHDinGEO FCodes by layer

ATTRIBUTE LABEL WASHHQUSE
ATTRIBUTE DEFINITION
Washington Headquarters Use Definition not provided The values for this attribution
have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL MINVERTINR
ATTRIBUTE DEFINITION
Inventory Route, Minimum Vertical Clearance FHWA-PD-96-001 Item #10 Minimum
vertical clearance over the inventory route identified by the Inventory Route, whether
the route is "on" the structure or "under" the structure. The minimum clearance for a
three meter width of the pavement or traveled part of the roadway where the
clearance is the greatest shall be recorded and coded as a four digit number truncated
to the hundredth of a meter (with an assumed decimal point). When no restriction
exists or when the restriction is 30 meters or greater, it is represented by 9999.
Coding of actual clearances between 30.0 and 99.99 meters to an exact measurement
is optional. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL APRRDALIGN
ATTRIBUTE DEFINITION
Approach Roadway Alignment FHWA-PD-96-001 Item #72 Adequacy of the approach roadway alignment. Identifies bridges which do not function properly or adequately due to the alignment of the approaches.
 ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
 ATTRIBUTE DOMAIN VALUES
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 6
 ENUMERATED DOMAIN VALUE DEFINITION
Equal to present minimum criteria
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE N
 ENUMERATED DOMAIN VALUE DEFINITION
Not applicable
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 0
 ENUMERATED DOMAIN VALUE DEFINITION
Bridge Closed
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 9
 ENUMERATED DOMAIN VALUE DEFINITION
Superior to present desirable criteria
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 4
 ENUMERATED DOMAIN VALUE DEFINITION
Meets minimum tolerable limits to be left in place as is
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 3
 ENUMERATED DOMAIN VALUE DEFINITION
Basically intolerable requiring high priority of corrective action
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION
Equal to present desirable criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Better than present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
Somewhat better than minimum adequacy to tolerate being left in place as is
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Basically intolerable requiring high priority of replacement
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL STATE_CODE
ATTRIBUTE DEFINITION
State Code FHWA-PD-96-001 Item #1 A three digit code indicating the state in which the bridge exists. The first two (2) digits are the Federal Information Processing Standards (FIPS) code for States, and the third digit is the FHWA region code. (New Jersey and New York will retain the FHWA Region code of 2.) The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 441
ENUMERATED DOMAIN VALUE DEFINITION
Rhode Island
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 185
ENUMERATED DOMAIN VALUE DEFINITION
Indiana
ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 265
ENUMERATED DOMAIN VALUE DEFINITION
Michigan
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 468
ENUMERATED DOMAIN VALUE DEFINITION
South Dakota
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 056
ENUMERATED DOMAIN VALUE DEFINITION
Arkansas
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 297
ENUMERATED DOMAIN VALUE DEFINITION
Missouri
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 513
ENUMERATED DOMAIN VALUE DEFINITION
Virginia
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 362
ENUMERATED DOMAIN VALUE DEFINITION
New York
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 555
ENUMERATED DOMAIN VALUE DEFINITION
Wisconsin
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 317
ENUMERATED DOMAIN VALUE DEFINITION
Nebraska
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 214
ENUMERATED DOMAIN VALUE DEFINITION
Kentucky
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 088
ENUMERATED DOMAIN VALUE DEFINITION
Colorado

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 091

ENUMERATED DOMAIN VALUE DEFINITION

Connecticut

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 020

ENUMERATED DOMAIN VALUE DEFINITION

Alaska

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 474

ENUMERATED DOMAIN VALUE DEFINITION

Tennessee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 275

ENUMERATED DOMAIN VALUE DEFINITION

Minnesota

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 423

ENUMERATED DOMAIN VALUE DEFINITION

Pennsylvania

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 395

ENUMERATED DOMAIN VALUE DEFINITION

Ohio

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 251

ENUMERATED DOMAIN VALUE DEFINITION

Massachusetts

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 530

ENUMERATED DOMAIN VALUE DEFINITION

Washington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 159

ENUMERATED DOMAIN VALUE DEFINITION

Hawaii

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 406

ENUMERATED DOMAIN VALUE DEFINITION

Oklahoma

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 207
ENUMERATED DOMAIN VALUE DEFINITION

Kansas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 134
ENUMERATED DOMAIN VALUE DEFINITION

Georgia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 331
ENUMERATED DOMAIN VALUE DEFINITION

New Hampshire

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 374
ENUMERATED DOMAIN VALUE DEFINITION

North Carolina

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 226
ENUMERATED DOMAIN VALUE DEFINITION

Louisiana

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 160
ENUMERATED DOMAIN VALUE DEFINITION

Idaho

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 243
ENUMERATED DOMAIN VALUE DEFINITION

Maryland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 014
ENUMERATED DOMAIN VALUE DEFINITION

Alabama

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 568
ENUMERATED DOMAIN VALUE DEFINITION

Wyoming

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 124

ENUMERATED DOMAIN VALUE DEFINITION	
Florida	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 049	
ENUMERATED DOMAIN VALUE DEFINITION	
Arizona	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 454	
ENUMERATED DOMAIN VALUE DEFINITION	
South Carolina	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 410	
ENUMERATED DOMAIN VALUE DEFINITION	
Oregon	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 103	
ENUMERATED DOMAIN VALUE DEFINITION	
Delaware	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 501	
ENUMERATED DOMAIN VALUE DEFINITION	
Vermont	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 175	
ENUMERATED DOMAIN VALUE DEFINITION	
Illinois	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 284	
ENUMERATED DOMAIN VALUE DEFINITION	
Mississippi	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 342	
ENUMERATED DOMAIN VALUE DEFINITION	
New Jersey	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 197	
ENUMERATED DOMAIN VALUE DEFINITION	
Iowa	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE	
FHWA Bridge Division Report No. FHWA-PD-96-001	ENUMERATED DOMAIN

<p>ENUMERATED DOMAIN VALUE 231 ENUMERATED DOMAIN VALUE DEFINITION Maine ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 388 ENUMERATED DOMAIN VALUE DEFINITION North Dakota ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 498 ENUMERATED DOMAIN VALUE DEFINITION Utah ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 329 ENUMERATED DOMAIN VALUE DEFINITION Nevada ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 113 ENUMERATED DOMAIN VALUE DEFINITION District of Columbia ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 721 ENUMERATED DOMAIN VALUE DEFINITION Puerto Rico ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 486 ENUMERATED DOMAIN VALUE DEFINITION Texas ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 356 ENUMERATED DOMAIN VALUE DEFINITION New Mexico ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>
<p>ENUMERATED DOMAIN VALUE 069 ENUMERATED DOMAIN VALUE DEFINITION California ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001</p>	<p>ENUMERATED DOMAIN</p>

ENUMERATED DOMAIN VALUE 543
ENUMERATED DOMAIN VALUE DEFINITION
West Virginia
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATE
D DOMAIN

ENUMERATED DOMAIN VALUE 308
ENUMERATED DOMAIN VALUE DEFINITION
Montana
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL FEDAGENCY
ATTRIBUTE DEFINITION
Federal agency Definition not provided The values for this attribution have not been
verified by TGS.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL NTAD_ID
ATTRIBUTE DEFINITION
A non-unique identifier linking the National Railroad Dataset with the National
Transportation Atlas Dataset. The values for this attribution were taken directly from
the source and have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL TEMPSTRDES

ATTRIBUTE DEFINITION

Temporary Structure Designation FHWA-PD-96-001 Item #103 Indicates situations where temporary structures or conditions exist. This item should be blank if not applicable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE T

ENUMERATED DOMAIN VALUE DEFINITION

Temporary structure(s) or conditions exist.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL OAK_ID

ATTRIBUTE DEFINITION

A non-unique identifier linking the National Railroad Dataset with the Oak Ridge National Laboratory Dataset. The values for this attribution were taken directly from the source and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL YEAR_BUILT

ATTRIBUTE DEFINITION

Year Built FHWA-PD-96-001 Item #27 The year of construction of the structure. If the year built is unknown, a best estimate is used. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL BRGBDRNUM
ATTRIBUTE DEFINITION

Border Bridge Structure Number FHWA-PD-96-001 Item #99 The neighboring states fifteen digit National Bridge Inventory structure number for any structure noted in the Border Bridge field. If there is no NBI Structure Number in that States inventory file, then the entire 15-digit field shall be coded zeros. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL NAME
ATTRIBUTE DEFINITION

Name of entity. For the bridges provided by the National Bridge Inventory, the values in this field were created by combining [FACCARIED] and [FEAT_INTER] values, separated with a semicolon; this field contains up to twenty-five characters. When the Inventory Route indicates an "under" record, this item describes the inventory route and/or features under the structure. For the bridges created by TGS, the values in this field were created by combining [RAILWAY_NM] and [GNIS_NAME] values, separated with a semicolon. If [RAILWAY_NM] was unpopulated, then "RAILROAD" was substituted. If [GNIS_NAME] was unpopulated, then the [FEATURE_TY] was used instead. If the rail line is unrepresented in the NRRN, then the name will be "UNREPRESENTED RAILROAD". If the water feature is unrepresented in the NHD, then the name will be "UNREPRESENTED WATERBODY". The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL DIRTRAFFIC
ATTRIBUTE DEFINITION
Direction of Traffic FHWA-PD-96-001 Item #102 Direction of traffic on the inventory route. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
One lane bridge for two-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Highway traffic not carried
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Two-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
One-way traffic
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL FEDLNDHWYS
ATTRIBUTE DEFINITION
Federal Lands Highways FHWA-PD-96-001 Item #105 Structures owned by State and local jurisdictions on roads which lead to and traverse through federal lands, which are eligible to receive funding from the Federal Lands Highway Program. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Land Management Highway System (LMHS)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Forest Highway (FH)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Both IRR and FH
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Not Applicable
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
Both IRR and LMHS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Combined IRR, FH and LMHS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 6
ENUMERATED DOMAIN VALUE DEFINITION
Both FH and LMHS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Indian Reservation Road (IRR)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL GEOLINKID

ATTRIBUTE DEFINITION

Link ID for the street segment to which the entity was geocoded, where applicable. Refer to the [ST_VENDOR] and [ST_VERSION] fields for the street vendor and version that was used to geocode the entity.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL Y

ATTRIBUTE DEFINITION

Latitude in WGS 84 Decimal Degrees.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM -90

RANGE DOMAIN MAXIMUM 90

ATTRIBUTE UNITS OF MEASURE WGS 84 Decimal Degrees

ATTRIBUTE LABEL INSPCTFRQU

ATTRIBUTE DEFINITION

Designated Inspection Frequency FHWA-PD-96-001 Item #91 The number of months between designated inspections of the structure. Formatted as a two digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL DECKSTRYP

ATTRIBUTE DEFINITION

Deck Structure Type FHWA-PD-96-001 Item #107 Type of deck system on the bridge. If more than one type of deck system is on the bridge, it is coded with the most predominant. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Wood or Timber

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable Also used for filled culvert or arch with the approach roadway section carried across the structure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Corrugated Steel

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Steel plate (includes orthotropic)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Open Grating

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Closed Grating

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Concrete Cast-in-Place
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Aluminum
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Concrete Precast Panels
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL NBISBRGLEN
ATTRIBUTE DEFINITION
NBIS Bridge Length FHWA-PD-96-001 Item #112 Indicates whether the structure meets or exceeds the minimum length specified to be designated as a bridge for National Bridge Inspection Standards purposes. The following definition of a bridge is to be used: A structure including supports erected over a depression or an obstruction, such 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 (6.1 meters) between undercopings of abutments or spring lines of arches, or extreme ends of openings for multiple boxes; it may also include multiple pipes, where the clear distance between openings is less than half of the smaller contiguous opening. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
No
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Y
ENUMERATED DOMAIN VALUE DEFINITION

Yes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL ATSRKFLDSR

ATTRIBUTE DEFINITION

Asterisk Field in Sufficiency Rating Definition not provided The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE *

ENUMERATED DOMAIN VALUE DEFINITION

Definition not provided

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL STRUCTEVAL

ATTRIBUTE DEFINITION

Structural Evaluation FHWA-PD-96-001 Item #67 The structural evaluation of the bridge in regards to the average daily traffic and load level in metric tons. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Basically intolerable requiring high priority of corrective action

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

Superior to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Equal to present desirable criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Meets minimum tolerable limits to be left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE *

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION
Equal to present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Bridge Closed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL LOCATION
ATTRIBUTE DEFINITION
Location FHWA-PD-96-001 Item #9 A narrative description of the bridges location. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL CFINSPDATE
ATTRIBUTE DEFINITION
Critical Feature Inspection Date FHWA-PD-96-001 Item #93 The month and year that the last inspection of the denoted critical feature was performed. Formatted as a twelve digit number divided into three segments. >A) Fracture Critical Details >B) Underwater Inspection >C) Other Special Inspection For each segment of this item, when applicable, a four digit number is coded to represent the month and year. The number of the month should be coded in the first two digits with a leading zero as required and the last two digits of the year coded as the third and fourth digits of the field. If the first digit of any part of the Critical Feature Inspection is coded N, then the corresponding part of this item shall be blank. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL KM_POINT

ATTRIBUTE DEFINITION

Kilometerpoint FHWA-PD-96-001 Item #11 The linear referencing system (LRS) kilometerpoint is used to establish the location of the bridge on the Base Highway Network. It must be from the same LRS Inventory Route and kilometerpoint system as reported in the Highway Performance Monitoring System (HPMS). This item must be coded for all structures located on or overpassing the Base Highway Network. It is coded aligned to the assumed decimal point and zero filled where needed to fill the 7 digits. All zeros are coded in this field for all records where kilometerpoints are not provided. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL PARSTRDSGN

ATTRIBUTE DEFINITION

Parallel Structure Designation FHWA-PD-96-001 Item #101 Indicates situations where separate structures carry the inventory route in opposite directions of travel over the same feature. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE R

ENUMERATED DOMAIN VALUE DEFINITION

The right structure of parallel bridges carrying the roadway in the direction of the inventory. (For a STRAHNET highway, this is west to east and south to north.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

No parallel structure exists.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE L

ENUMERATED DOMAIN VALUE DEFINITION

The left structure of parallel bridges. This structure carries traffic in the opposite direction.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL STRAHNETHD

ATTRIBUTE DEFINITION

STRAHNET Highway Designation FHWA-PD-96-001 Item #100 Indicates the STRAHNET (Strategic Highway Network) highway conditions of the inventory route. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

The inventory route is not a STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

The inventory route is on a Non-Interstate STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

The inventory route is on a Interstate STRAHNET route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

The inventory route is on a STRAHNET connector route.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE LABEL INSPCTDATE

ATTRIBUTE DEFINITION

Inspection Date FHWA-PD-96-001 Item #90 The month and year that the last routine inspection of the structure was performed. Formatted as 4 digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL MINLATUCLR

ATTRIBUTE DEFINITION

Minimum Lateral Underclearance on Right FHWA-PD-96-001 Item #55 The minimum lateral underclearance on the right to the nearest tenth of a meter (with an assumed decimal point). This is represented as a one digit code and a three digit number. A) Reference feature (first position): > H-Highway beneath structure > R-Railroad beneath structure > N-Feature not a highway or railroad B) Minimum Lateral Underclearance: A three digit number representing the minimum lateral underclearance on the right. The lateral clearance should be measured from the right edge of the roadway (excluding shoulders) or from the centerline (between rails) of the right-hand track of a railroad to the nearest substructure unit (pier, abutment, etc.), to a rigid barrier (concrete bridge rail, etc.), or to the toe of slope steeper than 1 to 3, e.g. 1 to 1 or 2 to 1. When the clearance is 30 meters or greater, it is coded as 999. Coding of actual clearance between 30 meters and 99.9 to an exact measurement is optional. If the feature beneath the structure is not a railroad or highway, it is coded as N000 to indicate not applicable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL DECK
ATTRIBUTE DEFINITION
Deck FHWA-PD-96-001 Item #58 The overall condition rating of the deck. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 6
ENUMERATED DOMAIN VALUE DEFINITION
Satisfactory Condition - structural elements show some minor deterioration.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
Not applicable Also used for culverts and other structure without decks.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Very Good Condition - no problems noted
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Excellent Condition
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Failed Condition - out of service - beyond corrective action.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Poor Condition - advanced section loss, deterioration, spalling or scour.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

"Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Good Condition - some minor problems.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL STRUCTLGTH

ATTRIBUTE DEFINITION

Structure Length FHWA-PD-96-001 Item #49 Length of the roadway that is supported on the bridge structure. Formatted as a six digit number, to the nearest tenth of a meter (with an assumed decimal point). Formatted to the nearest tenth of a meter with an assumed decimal point. Length should be measured back to back of backwalls of abutments or from paving notch to paving notch. Tunnel length is measured from the centerline of the roadway. Culvert lengths should be measured along the center line of roadway regardless of their depth below grade. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL DECKGEOMET
ATTRIBUTE DEFINITION
Deck Geometry FHWA-PD-96-001 Item #68 Overall condition of the Deck Geometry
The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE *

ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
Somewhat better than minimum adequacy to tolerate being left in place as is
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 6
ENUMERATED DOMAIN VALUE DEFINITION
Equal to present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Basically intolerable requiring high priority of replacement
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Equal to present desirable criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Superior to present desirable criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Better than present minimum criteria
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Meets minimum tolerable limits to be left in place as is
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
Not applicable
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Basically intolerable requiring high priority of corrective action
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Bridge Closed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL QC_QA
ATTRIBUTE DEFINITION
Organization that performed Quality Control/Quality Assurance on the record.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
The record is not TGS added or has not had Quality Control/Quality Assurance
performed by TGS.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE TGS
ENUMERATED DOMAIN VALUE DEFINITION
TGS has performed Quality Control/Quality Assurance on the entity record.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ATTRIBUTE LABEL LGTHMAXSPN

ATTRIBUTE DEFINITION

Length of Maximum Span FHWA-PD-96-001 Item #48 Measurement of the length of the maximum span either center to center of bearing points or clear open distance between piers, bents, or abutments along the centerline of the bridge. Formatted as a five digit number, to the nearest tenth of a meter (with an assumed decimal point). The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL APPRRDWDTH

ATTRIBUTE DEFINITION

Approach Roadway Width FHWA-PD-96-001 Item #32 The normal width of usable roadway approaching the structure measured to the nearest tenth of a meter (with an assumed decimal point). Usable roadway width will include the width of traffic lanes and the widths of shoulders where shoulders are defined as: Shoulders must be constructed and normally maintained flush with the adjacent traffic lane, and must be structurally adequate for all weather and traffic conditions consistent with the facility carried. Formatted as a four digit number. Unstabilized grass or dirt, with no base course, flush with and beside the traffic lane is not to be considered a shoulder for this item. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL FDATE

ATTRIBUTE DEFINITION

Feature Date Date of last feature modification. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model
(v1.06)
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Date

ATTRIBUTE LABEL HSIPTHEMES
ATTRIBUTE DEFINITION
The HSIP "Category", "Sector", "SubLayer", and "Theme" that the entity falls within.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE CRITICAL INFRASTRUCTURE, PDD-63; TRANSPORTATION;
BRIDGES; RAILROAD
ENUMERATED DOMAIN VALUE DEFINITION
Entity is a part of the "CRITICAL INFRASTRUCTURE, PDD-63; TRANSPORTATION;
BRIDGES; RAILROAD" HSIP theme.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HSIP Tiger Team Report

ATTRIBUTE LABEL RAILWAY_NM
ATTRIBUTE DEFINITION
Primary railway name as assigned by NAVTEQ. The values for this attribution were
taken directly from the source and have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL EMERGEXT

ATTRIBUTE DEFINITION
Telephone extension for emergency point of contact.
ATTRIBUTE DEFINITION SOURCE TGS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL SUPERSTRUC
ATTRIBUTE DEFINITION
Superstructure FHWA-PD-96-001 Item #59 The physical condition of all structural members. The values for this attribution have not been verified by TGS.
ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Excellent Condition
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Good Condition - some minor problems.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Very good condition - no problems noted
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Poor Condition - advanced section loss, deterioration, spalling or scour.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
Not applicable Also used for culverts
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

"Imminent" Failure Condition - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Serious Condition - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Critical Condition - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Fair Condition - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Failed Condition - out of service - beyond corrective action.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Satisfactory Condition - structural elements show some minor deterioration.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL STRTYPAPSP

ATTRIBUTE DEFINITION

Structure Type, Approach Spans FHWA-PD-96-001 Item #44 A three digit code composed of two segments indicating the type of structure for the approach spans to a

major bridge or for the spans where the structural material is different. If this item is not applicable, the code is 000. A) Kind of material and/or design indicated by the first digit > 1-Concrete > 2-Concrete continuous > 3-Steel > 4-Steel continuous > 5-Prestressed concrete* > 6-Prestressed concrete continuous* > 7-Wood or Timber > 8-Masonry > 9-Aluminum, Wrought Iron, or Cast Iron > 0-Other > >* Post-tensioned concrete should be coded as prestressed concrete. > B) Type of design and/or construction indicated by the second and third digit. > 01-Slab > 02-Stringer/Multi-beam or Girder > 03-Girder and Floorbeam System > 04-Tee Beam > 05-Box beam or Girders - Multiple > 06-Box beam or Girders - Single or Spread > 07-Frame (except frame culverts) > 08-Orthotropic > 09-Truss - Deck > 10-Truss - Thru > 11-Arch - Deck > 12-Arch - Thru > 13-Suspension > 14-Stayed Girder > 15-Movable - Lift > 16-Movable - Bascule > 17-Movable - Swing > 18-Tunnel > 19-Culvert (includes frame culverts) > 20-Mixed Types* > 21-Segmental Box Girder > 22-Channel Beam > 00-Other > >* Applicable only to approach spans The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL DIRECTIONS

ATTRIBUTE DEFINITION

Additional information about the bridge that TGS observed in ortho imagery such as "Bridge has been reconstructed", "Bridge has been torn down", or "Rail line has been abandoned".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL CITY

ATTRIBUTE DEFINITION

The name of the city which is closest to the entity. These values have been assigned spatially by using NAVTEQ Administrative Area Boundary 4. The [CITY] may be located in a different state or county than the bridge. This field is only populated for records where [GEOHOW] = "MANUAL" or [GEOHOW] = "LINKED".

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL TYPEOFSVC
ATTRIBUTE DEFINITION

Type of Service FHWA-PD-96-001 Item #42 A two digit code composed of two segments indicating the type of service on and under the bridge > A) Type of service on bridge - First digit indicating the type of service "on" the bridge > 1-Highway > 2-Railroad > 3-Pedestrian-bicycle > 4-Highway-railroad > 5-Highway-pedestrian > 6-Overpass structure at an interchange or second level of a multilevel interchange > 7-Third level (Interchange) > 8-Fourth level (Interchange) > 9-Building or plaza > 0-Other B) Type of service under bridge - Second digit indicating the type of service "under" the bridge > 1-Highway, with or without pedestrian > 2-Railroad > 3-Pedestrian-bicycle > 4-Highway-railroad > 5-Waterway > 6-Highway-waterway > 7-Railroad-waterway > 8-Highway-waterway-railroad > 9-Relief for waterway > 0-Other > The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL FEAT_INTER
ATTRIBUTE DEFINITION

Features Intersected FHWA-PD-96-001 Item #6 A description of the features intersected by the structure and a critical facility indicator, using up to twenty-five characters. When the Inventory Route indicates an "under" record, this item describes the inventory route and/or features under the structure. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL LGTHSTRIMP

ATTRIBUTE DEFINITION

Length of Structure Improvement FHWA-PD-96-001 Item #76 Length of the proposed bridge improvement to the nearest tenth of a meter (with an assumed decimal point). Formatted as a six digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL TOLL

ATTRIBUTE DEFINITION

Toll FHWA-PD-96-001 Item #20 The toll status of the structure. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Toll bridge. Tolls are paid specifically to use the structure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

On free road. The structure is toll-free and carries a toll-free highway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

On toll road. The structure carries a toll road, that is, tolls are paid to use the facility, which includes both the highway and the structure.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

On Interstate toll segment under Secretarial Agreement. Structure functions as part of the toll segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Toll bridge is a segment under Secretarial Agreement. Structure is separate agreement from highway segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL HISTSIGNIF

ATTRIBUTE DEFINITION

Historical Significance FHWA-PD-96-001 Item #37 The historical significance of a bridge involves a variety of characteristics: the bridge may be a particularly unique example of the history of engineering; the crossing itself might be significant; the bridge might be associated with a historical property or area; or historical significance could be derived from the fact that the bridge was associated with significant events or circumstances. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Bridge is possibly eligible for the National Register of Historic Places (requires further investigation before determination can be made) or bridge is on a State or local historic register.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Bridge is eligible for the National Register of Historic Places.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Bridge is on the National Register of Historic Places.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Historical significance is not determinable at this time.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
Bridge is not eligible for the National Register of Historic Places.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL GNIS_NAME
ATTRIBUTE DEFINITION
Geographic Names Information System Name Proper name, specific term, or expression by which a particular geographic entity is known. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Text

ATTRIBUTE LABEL COM_ID
ATTRIBUTE DEFINITION
Common Identifier The common identifier is a 10-digit integer value that uniquely identifies the occurrence of each NHD feature (including reaches). Each value occurs only once throughout the Nation. Once assigned, the value is associated permanently with its feature. When features are deleted or split or merged, the values for their identifiers are retired. Com_ids are different between medium resolution and high resolution. Changes to common identifiers are not tracked. The values for this attribution were taken directly from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE USGS National Hydrography Dataset (NHD) Model (v1.06)
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Number

ATTRIBUTE LABEL WORK_TYPE

ATTRIBUTE DEFINITION

Type of Work FHWA-PD-96-001 Item #75 The type of work proposed to be accomplished on the structure to improve it to the point that it will provide the type of service needed and whether the proposed work is to be done by contract or force account. Formatted as a three digit code divided into two segments. If segment A is blank, then segment B should be blank also. A) Type of Work Proposed (first two digits) > 31-Replacement of bridge or other structure because of substandard load carrying capacity > or substandard bridge roadway geometry. > 32-Replacement of bridge or other structure because of relocation of road. > 33-Widening of existing bridge or other major structure without deck rehabilitation or > replacement; includes culvert lengthening. > 34-Widening of existing bridge with deck rehabilitation or replacement. > 35-Bridge rehabilitation because of general structure deterioration or inadequate strength. > 36-Bridge deck rehabilitation with only incidental widening. > 37-Bridge deck replacement with only incidental widening. > 38-Other structural work, including hydraulic replacements. > B) Work Done by (last digit) > 1-Work to be done by contract > 2-Work to be done by owners forces

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL CRFTINSPECT

ATTRIBUTE DEFINITION

Critical Feature Inspection FHWA-PD-96-001 Item #92 Denotes critical features that need special inspections or special emphasis during inspections and the designated inspection interval in months as determined by the individual in charge of the inspection program. Formatted as a series of three, three digit code segments. >A) Fracture Critical Details >B) Underwater Inspection >C) Other Special Inspection For each segment, the first position is coded Y for special inspection or emphasis needed or coded N for not needed. The first digit must be coded for all structures to designate either a yes or no answer. Those bridges coded with a Y in the first or second segments should be the same bridges contained in the Master Lists of fracture critical and special underwater inspection bridges. In the second and third digits of each segment, a two digit number indicating the number of months between inspections, only if the first digit is coded Y. If the first digit is coded N, the second and third digits

are left blank. Formatted as nine digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL TRFSFTYFET

ATTRIBUTE DEFINITION

Traffic Safety Features FHWA-PD-96-001 Item #36 Four-digit code divided into four sections representing the traffic safety features on the bridge. > >A) Bridge railings: Bridge railing inspection status >B) Transitions: Transitions inspection status. >C) Approach guardrail: Approach guardrail inspection status. >D) Approach guardrail ends: Approach guardrail ends inspection status. > The code used in each section to represent the inspection status: >0-Inspected feature does not meet currently acceptable standards or a safety > feature is required and none is provided. >1- Inspected feature meets currently acceptable standards. >N-Not applicable or a safety feature is not required. For structures on the NHS, national standards are set by regulation. For those not on the NHS, it shall be the responsibility of the highway agency (state, county, local or federal) to set standards. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL INV_RATE

ATTRIBUTE DEFINITION

Inventory Rating FHWA-PD-96-001 Item #66 Load level which can safely utilize an existing structure for an indefinite period of time. The total mass in metric tons of the entire vehicle measured to the nearest tenth of a metric ton (with an assumed decimal point). Formatted as a three digit number. Only the MS loading shall be used to determine the inventory rating. Code 999 for a structure under sufficient fill such that, according to AASHTO design, the live load is insignificant in the structure load capacity. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL PIERPROTCT

ATTRIBUTE DEFINITION

Pier or Abutment Protection (for Navigation) FHWA-PD-96-001 Item #111 Indicates the presence and adequacy of pier or abutment protection features such as fenders, dolphins, etc. If [NAVCONTROL] has been coded 0 or N, then the [PIERPROTCT] should be left blank to indicate not applicable. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

None present but reevaluation suggested

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

In place and functioning

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Navigation protection not required

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

In place but reevaluation of design suggested

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

In place but in a deteriorated condition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Not Applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL SCRCRITBRG

ATTRIBUTE DEFINITION

Scour Critical Bridges FHWA-PD-96-001 Item #113 Identifies the current status of the bridge regarding vulnerability to scour. Scour analyses are made by hydraulic/geotechnical/structural engineers. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Scour calculation/evaluation has not been made. (Use only to describe case where bridge has not yet been evaluated for scour potential.)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 8

ENUMERATED DOMAIN VALUE DEFINITION

Bridge foundations determined to be stable for assessed or calculated scour conditions; calculated scour is above top of footing.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Bridge foundations determined to be stable for calculated scour conditions; scour within limits of footing or piles.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

Bridge foundations (including piles) on dry land well above flood water elevations.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Bridge is scour critical: field review indicates that extensive scour has occurred at bridge foundations. Immediate action is required to provide scour countermeasures.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
Bridge not over waterway.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
Bridge is scour critical; bridge foundations determined to be unstable for calculated scour conditions: > -Scour within limits of footing or piles. > -Scour below spread-footing base or pile tips.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Countermeasures have been installed to correct a previously existing problem with scour. Bridge is no longer scour critical.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Bridge is scour critical; field review indicates that failure of piers/abutments is imminent. Bridge is closed to traffic.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Bridge foundations determined to be stable for calculated scour conditions; field review indicates action is required to protect exposed foundations from effects of additional erosion and corrosion.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Bridge is scour critical. Bridge has failed and is closed to traffic.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE T
ENUMERATED DOMAIN VALUE DEFINITION
Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. Bridge will be monitored with regular inspection cycle and with appropriate underwater inspections. ("Unknown" foundations in "tidal" waters should be coded U.)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE U
ENUMERATED DOMAIN VALUE DEFINITION
Bridge with "unknown" foundation that has not been evaluated for scour. Since risk cannot be determined, flag for monitoring during flood events and, if appropriate, closure.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL MAINTNCE

ATTRIBUTE DEFINITION

Maintenance Responsibility FHWA-PD-96-001 Item #21 A two digit code representing the actual name(s) of the agency(s) responsible for the maintenance of the structure recorded on the inspection form. The codes represent the type of agency that has primary responsibility for maintaining the structure. If more than one agency has equal maintenance responsibility, then one agency is coded in the hierarchy of State, Federal, county, city, railroad, and other private. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 64

ENUMERATED DOMAIN VALUE DEFINITION

U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 03

ENUMERATED DOMAIN VALUE DEFINITION

Town or Township Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 01

ENUMERATED DOMAIN VALUE DEFINITION

State Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 80

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 61

ENUMERATED DOMAIN VALUE DEFINITION

Indian Tribal Government

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 75

ENUMERATED DOMAIN VALUE DEFINITION

NASA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 71

ENUMERATED DOMAIN VALUE DEFINITION
Corps of Engineers (Military)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 68
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Land Management
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 12
ENUMERATED DOMAIN VALUE DEFINITION
Local Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 11
ENUMERATED DOMAIN VALUE DEFINITION
State Park, Forest, or Reservation Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 21
ENUMERATED DOMAIN VALUE DEFINITION
Other State Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 26
ENUMERATED DOMAIN VALUE DEFINITION
Private (other than railroad)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 25
ENUMERATED DOMAIN VALUE DEFINITION
Other Local Agencies
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 66
ENUMERATED DOMAIN VALUE DEFINITION
National Park Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 60
ENUMERATED DOMAIN VALUE DEFINITION
Other Federal Agencies (not otherwise listed)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 69
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Reclamation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 63
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Fish and Wildlife
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 70
ENUMERATED DOMAIN VALUE DEFINITION
Corps of Engineers (Civil)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 00
ENUMERATED DOMAIN VALUE DEFINITION
Unknown
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
TGS
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 76
ENUMERATED DOMAIN VALUE DEFINITION
Metropolitan Washington Airports Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 67
ENUMERATED DOMAIN VALUE DEFINITION
Tennessee Valley Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 72
ENUMERATED DOMAIN VALUE DEFINITION
Air Force
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 31
ENUMERATED DOMAIN VALUE DEFINITION
State Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 02
ENUMERATED DOMAIN VALUE DEFINITION
County Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 74
ENUMERATED DOMAIN VALUE DEFINITION
Army
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 32
ENUMERATED DOMAIN VALUE DEFINITION
Local Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 04
ENUMERATED DOMAIN VALUE DEFINITION
City or Municipal Highway Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 73
ENUMERATED DOMAIN VALUE DEFINITION
Navy/Marines
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 27
ENUMERATED DOMAIN VALUE DEFINITION
Railroad
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001
ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 62
ENUMERATED DOMAIN VALUE DEFINITION
Bureau of Indian Affairs
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL FEATURE_TY

ATTRIBUTE DEFINITION

Feature Type The [FTYPE] in a single character string format. The values for this attribution were created from the National Hydrography Dataset and have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE SEA/OCEAN

ENUMERATED DOMAIN VALUE DEFINITION

The great body of salt water that covers much of the earth.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE STREAM/RIVER

ENUMERATED DOMAIN VALUE DEFINITION

A body of flowing water.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE INUNDATION AREA

ENUMERATED DOMAIN VALUE DEFINITION

An area of land subject to flooding.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE SWAMP/MARSH

ENUMERATED DOMAIN VALUE DEFINITION

A noncultivated, vegetated area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE CANAL/DITCH

ENUMERATED DOMAIN VALUE DEFINITION

An artificial open waterway constructed to transport water to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE LAKE/POND

ENUMERATED DOMAIN VALUE DEFINITION

A standing body of water with a predominantly natural shoreline surrounded by land.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE AREA OF COMPLEX CHANNELS

ENUMERATED DOMAIN VALUE DEFINITION

An area where a stream or river flows in an intricate network of interlacing channels.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE PLAYA

ENUMERATED DOMAIN VALUE DEFINITION

The flat area at the lowest part of an undrained desert basin, generally devoid of vegetation.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE CONNECTOR

ENUMERATED DOMAIN VALUE DEFINITION

A known, but nonspecific, connection between two nonadjacent network segments.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE PIPELINE

ENUMERATED DOMAIN VALUE DEFINITION

A closed conduit, with pumps, valves and control devices, for conveying fluids, gases, or finely divided solids

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE RAPIDS

ENUMERATED DOMAIN VALUE DEFINITION

An area of swift current in a stream or river, characterized by standing waves or by boulders and rocks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE FORESHORE

ENUMERATED DOMAIN VALUE DEFINITION

The part of a seashore between high-water and low-water marks.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE DAM/WEIR

ENUMERATED DOMAIN VALUE DEFINITION

A barrier constructed to control the flow or raise the level of water.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE WASH

ENUMERATED DOMAIN VALUE DEFINITION

The usually dry portion of a stream bed that contains water only during or after a local rainstorm or heavy snowmelt.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE SUBMERGED STREAM

ENUMERATED DOMAIN VALUE DEFINITION

An old river course inundated by an impounded water body.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE RESERVOIR

ENUMERATED DOMAIN VALUE DEFINITION

A constructed basin formed to contain water or other liquids.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE ARTIFICIAL PATH

ENUMERATED DOMAIN VALUE DEFINITION

An abstraction to facilitate hydrologic modeling through open water bodies and along coastal and Great Lakes shorelines and to act as a surrogate for lakes and other water bodies.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE COASTLINE

ENUMERATED DOMAIN VALUE DEFINITION

The line of ordinary low water along the portion of the coast that is in direct contact with the open sea which marks the seaward limit of inland waters.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

MMS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE ESTUARY

ENUMERATED DOMAIN VALUE DEFINITION

The lower end of a river, or a semi-enclosed costal body of water with access to the open ocean, which is affected by the tides and where fresh and salt water mix.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE LOCK CHAMBER

ENUMERATED DOMAIN VALUE DEFINITION

An enclosure on a waterway used to raise and lower vessels as they pass from one level to another.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

USGS

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE UNREPRESENTED WATERBODY

ENUMERATED DOMAIN VALUE DEFINITION

The waterbody referenced is not represented in the National Hydrography Dataset.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE LABEL DECKWIDTH

ATTRIBUTE DEFINITION

Deck Width, Out-to-Out FHWA-PD-96-001 Item #52 The out-to-out width, formatted as a four digit number, to the nearest tenth of a meter (with an assumed decimal point). Where the roadway is on a fill carried across a pipe or box culvert and the culvert headwalls do not affect the flow of traffic, it is coded as 0000. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL GEOPREC

ATTRIBUTE DEFINITION

Geocoding precision.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE ONENTITY

ENUMERATED DOMAIN VALUE DEFINITION

Location is on the bridge per the "Process_Description" section of this metadata. This value has also been used for records where [GEOHOW]="LINKED"

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE LABEL MINVERTUCL

ATTRIBUTE DEFINITION

Minimum Vertical Underclearance FHWA-PD-96-001 Item #54 Minimum vertical clearance from the roadway (travel lanes only) or railroad track beneath the structure to the underside of the superstructure. (When both a railroad and highway are under the structure, the most critical dimension is coded). This is represented as a one digit code and a four digit number. A) Reference feature (first position): > H-Highway beneath structure > R-Railroad beneath structure > N-Feature not a highway or railroad B) Minimum Vertical Underclearance: Four digit number representing the minimum vertical clearance from that feature to the structure, truncated to the hundredth of a meter (with an assumed decimal point). When a restriction is 30 meters or greater, it is coded as 9999. Coding of actual clearances between 30 meters and 99.99 meters to an exact measurement is optional. If the feature is not a highway or railroad, the minimum vertical clearance is 0000. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL NUMAPPRSPN

ATTRIBUTE DEFINITION

Number of Approach Spans FHWA-PD-96-001 Item #46 The number of spans in the approach spans to the major bridge, or the number of spans of material different from that of the major bridge. Formatted as a four digit number. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL CNTY_CODE

ATTRIBUTE DEFINITION

County (Parish) Code FHWA-PD-96-001 Item #3 A three digit code identifying the county in which the bridge is located. Counties shall be identified using the Federal Information Processing Standards (FIPS) codes given in the current version of the Census of Population and Housing - Geographic Identification Code Scheme. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL LNSONUNDR

ATTRIBUTE DEFINITION

Lanes On and Under the Structure FHWA-PD-96-001 Item #28 The number of lanes being carried by the structure and being crossed over by the structure as a four digit number composed of two, two digit segments. All lanes carrying highway traffic (i.e., cars, trucks, buses) which are striped or otherwise operated as a full width traffic lane for the entire length of the structure or under the structure by the owning/maintaining authority are included. This also includes any full width merge lanes and ramp lanes, and shall be independent of directionality of usage (i.e., a 1-lane bridge carrying 2-directional traffic is still considered to carry only one lane on the structure). When the inventory route is "on" the bridge, the sum of the total number of lanes on all inventoried routes under the bridge shall be coded. When the inventory route is

"under" the bridge, only the number of lanes being identified by that "under" record shall be coded in the Lanes under the structure. When the inventory route is "under" the structure, the obstruction over the inventory route may be other than a highway bridge (railroad, pedestrian, pipeline, etc.). If there are no highway lanes on the obstructing structure, then 00 is coded. >A) Lane on the structure >B) Lanes under the structure The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL UCLVERTHOR

ATTRIBUTE DEFINITION

Underclearances, Vertical and Horizontal FHWA-PD-96-001 Item #69 Overall condition of the Underclearances, Vertical and Horizontal. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Bridge Closed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Basically intolerable requiring high priority of replacement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Somewhat better than minimum adequacy to tolerate being left in place as is

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Better than present minimum criteria

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE *
 ENUMERATED DOMAIN VALUE DEFINITION
 Unknown
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 TGS
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 6
 ENUMERATED DOMAIN VALUE DEFINITION
 Equal to present minimum criteria
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 9
 ENUMERATED DOMAIN VALUE DEFINITION
 Superior to present desirable criteria
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE <BLANK>
 ENUMERATED DOMAIN VALUE DEFINITION
 Unknown
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 TGS
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 8
 ENUMERATED DOMAIN VALUE DEFINITION
 Equal to present desirable criteria
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 4
 ENUMERATED DOMAIN VALUE DEFINITION
 Meets minimum tolerable limits to be left in place as is
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 FHWA Bridge Division Report No. FHWA-PD-96-001
 ENUMERATED DOMAIN
 ENUMERATED DOMAIN VALUE 3
 ENUMERATED DOMAIN VALUE DEFINITION
 Basically intolerable requiring high priority of corrective action
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE
 FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE LABEL MINVERTOBR
 ATTRIBUTE DEFINITION
 Minimum Vertical Clearance Over Bridge Roadway FHWA-PD-96-001 Item #53 Actual minimum vertical clearance over the bridge roadway, including shoulders, to any superstructure restriction, rounded down to the nearest hundredth of a meter. Formatted as a four digit number. When no superstructure restriction exists above the bridge roadway, or when a restriction is 30 meters or greater, it is coded as 9999.

Coding of actual clearances between 30 meters and 99.99 meters to an exact measurement is optional. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL AVDYTRCKTR

ATTRIBUTE DEFINITION

Average Daily Truck Traffic FHWA-PD-96-001 Item #109 The percentage of the [AVEDAYTRAF] that is truck traffic. Formatted as a two digit percentage. This does not included vans, pickup trucks, and other light delivery trucks. The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE FHWA Bridge Division Report No. FHWA-PD-96-001

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Text

ATTRIBUTE LABEL STATUS

ATTRIBUTE DEFINITION

Status Definition not provided The values for this attribution have not been verified by TGS.

ATTRIBUTE DEFINITION SOURCE TGS

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Structurally Deficient

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE N

ENUMERATED DOMAIN VALUE DEFINITION

Not Applicable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Not Deficient

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Functionally Obsolete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA Bridge Division Report No. FHWA-PD-96-001

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE <BLANK>

ENUMERATED DOMAIN VALUE DEFINITION

Unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

TGS

[Hide Entities and Attributes ▲](#)