

# BRIDGE DATA DICTIONARY

ITEM	FIELD NAME	DEFINITION
BRDGID	BRDG_ID	Combo of Items 2, 3, 8.3, 8.4, 8.5, 8.6
ITEM_2	STATE_HWY_DEPT_DIST	State Hwy Department District
ITEM_3	CNTY_CD	County Code
ITEM_8_4	CNTY_RD_ID	Control or County Road I.D.
ITEM_8_5	CITY_ST_NBR	Section or City Street Number
ITEM_11_0	INV_RTE_MPT	Inventory Route Milepoint
ITEM_8_6	PERM_BRDG_NBR	Permanent Bridge Number
ITEM_8_3	DUP_RTE_OVR	Duplicate Route Over
ITEM_5_1	STRUC_FUNC	Structure Function
ITEM_5_3	DSGNT_LVL_SRVC	Designated Level of Service
ITEM_5_6	BSNES_RTE_SFX	Business Route Suffix
ITEM_5_2	PRNCPL_INV_RTE	Principal Inventory Route
ITEM_5_4	RTE_NBR	Route Number
ITEM_5_5	DRCT_SFX	Directional Suffix
ITEM_11_1B	NRST_RMRKR_INV_RTE	Nearest Reference Marker along Inventory Route
ITEM_11_2B	RMRKR_SFX_INV_RTE	Reference Marker Suffix along Inventory Route
ITEM_11_3B	DRCT_RMRKR_OFFST_INV_RTE	Direction of Reference Marker offset along Inventory Route
ITEM_11_4B	RMRKR_OFFST_DSTNCE_INV_RTE	Reference Marker offset distance along Inventory Route
ITEM_4	CITY_TOWN_CD	City, Town, or Place Code
ITEM_6_1	FEAT_INTSECT	Features Intersected
ITEM_6_2	CRIT_FCLTY_INDCTR	Critical Facility Indicator
ITEM_11_1	INV_RTE_MPT_DT	Inventory Route Milepoint Date
ITEM_11_1A	INT_RTE_MPT_DT	Intersecting Route Milepoint Date
ITEM_7	FACTLY_CARRD_BY_STRUC	Facility Carried By Structure
ITEM_9	LOCN	Location
ITEM_10	MIN_VERT_CLEAR	Inventory Route, Minimum Vertical Clearance
ITEM_19	DETOUR_LNGTH	Bypass, Detour Length
ITEM_20	TOLL	Toll
ITEM_21	MAINT_RSPNBL	Maintenance Responsibility
ITEM_22	OWNR	Owner
ITEM_22_1	MAINT_SECT_NBR	Maintenance Section Number
ITEM_23_1	PROJ_TYPE	Project Type
ITEM_23_2	JOB_DSCR	Job Description
ITEM_26	INV_RTE_FUNCL_CLASS	Inventory Route Functional Classification
ITEM_27	YR_BLT	Year Built
ITEM_28_1	LANES_ON_STRUC	Lanes on the structure
ITEM_28_2	LANES_UNDER_STRUC	Lanes under the structure
ITEM_29	ADT	Average Daily Traffic (ADT)
ITEM_30	ADT_YR	Year of Average Daily Traffic (ADT)
ITEM_31	DSGN_LD	Design Load
ITEM_32	APRCH_RDWAY_WIDTH	Approach Roadway Width
ITEM_33	BRDG_MDN	Bridge Median
ITEM_34	SKEW	Skew

ITEM_35	STRUC_FLARED	Structure Flared
ITEM_36_A	BRDG_RAILINGS	Bridge Railings
ITEM_36_B	TRNS	Transitions
ITEM_36_C	APRCH_GRDRL	Approach Guardrail
ITEM_36_D	APRCH_GRDRL_END	Approach Guardrail Ends
ITEM_37	HIST_SIG	Historical Significance
ITEM_38	NAVIG_CTRL	Navigation Control
ITEM_39	NAVIG_VERT_CLEAR	Navigation Vertical Clearance
ITEM_40	NAVIG_HRZNTL_CLEAR	Navigation Horizontal Clearance
ITEM_41	OPRTL_STAT_CD	Structure Open, Posted, or Closed to Traffic (Operational Status)
N/A	OPRTL_STAT	Operational Status Description
ITEM_41_1	LDNG_RSTRCN	Loading Restriction
ITEM_41_2	LDNG_RSTRCN_THOUS_LBS	Load Restriction in Thousands of Pounds
ITEM_42_A	SRVC_TYPE_ON_BRDG	Type of service on bridge
ITEM_42_B	SRVC_TYPE_UNDER_BRDG	Type of service under bridge
ITEM_43_1_A	SPAN_TYPE	Span Type
ITEM_43_1_B	RDWAY_TYPE	Roadway Type
ITEM_43_1_C	MEMB_TYPE	Member Type
ITEM_43_2_A	MAJR_APRCH_SPAN_TYPE	Major Approach Span Type
ITEM_43_2_B	MAJR_APRCH_RDWAY_TYPE	Major Approach Roadway Type
ITEM_43_2_C	MAJR_APRCH_MEMB_TYPE	Major Approach Member Type
ITEM_43_3_A	MINR_APRCH_SPAN_TYPE	Minor Approach Span Type
ITEM_43_3_B	MINR_APRCH_RDWAY_TYPE	Minor Approach Roadway Type
ITEM_43_3_C	MINR_APRCH_MEMB_TYPE	Minor Approach Member Type
ITEM_43_4_A	CULV_SPAN_TYPE	Structure Type, Culvert (Span Type)
ITEM_43_4_B	CULV_MEMB_TYPE	Structure Type, Culvert (Main Member Type)
ITEM_43_5	STRUC_TYPE_TUNL	Structure Type, Tunnel
ITEM_44_1_A	SUBSTRUC_MAIN_SPAN_ABOVE	Substructure Type, Main Spans (Above Ground)
ITEM_44_1_B	SUBSTRUC_MAIN_SPAN_BELOW	Substructure Type, Main Spans (Below Ground)
ITEM_44_1_C	SUBSTRUC_MAIN_SPAN_BENT_CAP	Substructure Type, Main Spans (Bent Cap)
ITEM_44_2_A	SUBSTRUC_MAJR_SPAN_ABOVE	Substructure Type, Major Approach Spans (Above Ground)
ITEM_44_2_B	SUBSTRUC_MAJR_SPAN_BELOW	Substructure Type, Major Approach Spans (Below Ground)
ITEM_44_2_C	SUBSTRUC_MAJR_SPAN_BENT_CAP	Substructure Type, Major Approach Spans (Bent Cap)
ITEM_44_3_A	SUBSTRUC_MINR_SPAN_ABOVE	Substructure Type, Minor Approach Spans (Above Ground)
ITEM_44_3_B	SUBSTRUC_MINR_SPAN_BELOW	Substructure Type, Minor Approach Spans (Below Ground)
ITEM_44_3_C	SUBSTRUC_MINR_SPAN_BENT_CAP	Substructure Type, Minor Approach Spans (Bent Cap)
ITEM_45_1	NBR_MAIN_SPANS	Number of Main Spans
ITEM_45_2	NBR_MAJR_APRCH_SPANS	Number of Major Approach Spans
ITEM_45_3	NBR_MINR_APRCH_SPANS	Number of Minor Approach Spans
ITEM_46	TOTL_NBR_SPANS	Total Number of Spans
ITEM_47	INV_RTE_HRZNTL_CLEAR	Inventory Route, Total Horizontal Clearance
ITEM_48	LNGTH_MAX_SPAN	Length of Maximum Span

ITEM_49	STRUC_LNGTH	Structure Length
ITEM_50_1	LT_SDWALK_WIDTH	Left Sidewalk Width
ITEM_50_2	RT_SDWALK_WIDTH	Right Sidewalk Width
ITEM_51	BRDG_RDWAY_WIDTH_CURB_CURB	Bridge Roadway Width, Curb-to-Curb
ITEM_52	DECK_WIDTH_OUT_OUT	Deck Width, Out-to-Out
ITEM_53_FT	MIN_VERT_CLEAR_DECK_FT	Minimum Vertical Clearance Over Bridge Deck
ITEM_53_INCHES	MIN_VERT_CLEAR_DECK_IN	Minimum Vertical Clearance Over Bridge Deck
ITEM_54_1	REF_FEAT_MIN_VERT_CLRNC	Reference Feature for Min Vertical Underclearance
ITEM_54_2_FT	MIN_VERT_UNDR_CLRNC_FT	Minimum Vertical Underclearance
ITEM_54_2_INCHES	MIN_VERT_UNDR_CLRNC_IN	Minimum Vertical Underclearance
ITEM_55_1	REF_FEAT_MIN_LATRL_CLRNC_RT	Reference Feature for Minimum Lateral Underclearance on Right
ITEM_55_2	MIN_LATRL_UNDR_CLRNC	Minimum Lateral Underclearance
ITEM_56	MIN_LATRL_UNDR_CLRNC_LT	Minimum Lateral Underclearance on Left
ITEM_58	DECK_COND_RTNG	Condition Rating - Deck
ITEM_59	SUPERSTRUC_COND_RTNG	Condition Rating - Superstructure
ITEM_60	SUBSTRUC_COND_RTNG	Condition Rating - Substructure
ITEM_61	CHNL_COND_RTNG	Condition Rating - Channel and Channel Protection
ITEM_62	CULV_COND_RTNG	Condition Rating - Culverts
ITEM_64_1	OPRTG_RTNG_LDNG_TYPE	Operating Rating - Type of Loading
ITEM_64_2	OPRTG_RTNG_GROSS_LDNG_TONS	Operating Rating - Gross Loading Tons
ITEM_65	OPRTG_RTNG_RDWAY_APRCH	Condition Rating - Roadway Approach
ITEM_66_1	INV_RTNG_LDNG_TYPE	Inventory Rating - Type of Loading
ITEM_66_2	INV_RTNG_GROSS_LDNG_TONS	Inventory Rating - Gross Loading Tons
ITEM_67	APPRSL_RTNG_STRUC_EVAL	Appraisal Rating - Structural Evaluation
ITEM_68	APPRSL_RTNG_DECK_GMTRY	Appraisal Rating - Deck Geometry
ITEM_69	APPRSL_RTNG_VERT_HRZNTL_UNDR	Appraisal Rating - Underclearances, Vertical and Horizontal
ITEM_70	APPRSL_RTNG_BRDG_POST	Appraisal Rating - Bridge Posting
ITEM_71	APPRSL_RTNG_WATRWY	Appraisal Rating - Waterway Adequacy
ITEM_72	APPRSL_RTNG_APRCH_ALGN	Appraisal Rating - Approach Roadway Alignment
ITEM_75A	WRK_TYPE	Type of Work
ITEM_75B	WRK_DONE_BY	Work Done by
ITEM_76	STRUC_IMPRV_LNGTH	Length of Structure Improvement
ITEM_88_A	SPCL_FLAG_UNDRWTR_INSPT	Special Flags - Underwater Inspection
ITEM_88_B	SPCL_FLAG_NBR_FRACTR_CRIT	Special Flags - Number of Fracture Critical Areas
ITEM_88_C	SPCL_FLAG_STEEL_TYPE	Special Flags - Type of Steel
ITEM_88_D	SPCL_FLAG_YR_STEEL_PAINT	Special Flags - Year Steel Painted
ITEM_89		Blank field - reserved for FHWA use
ITEM_96_1	TOTL_PROJ_COST_FLAG	Flag Field - Total Project Cost
ITEM_90	INSPT_DT	Inspection Date
ITEM_91	INSPT_FREQ	Designated Inspection Frequency
ITEM_92_1_A	FRACTR_CRIT_INSPT	Fracture Critical Inspection (Critical Feature Inspection)
ITEM_92_1_B	MNTHS_BTWN_INSPT_FRACTR	Number of Months between Inspections
ITEM_92_2_A	UNDRWTR_INSPT	Underwater Inspection (Critical Feature Inspection)
ITEM_92_2_B	MNTHS_BTWN_INSPT_UNDRWTR	Number of Months between Inspections

ITEM_92_3_A	OTHR_SPCL_INSPT	Other Special Inspection (Critical Feature Inspection)
ITEM_92_3_B	MNTHS_BTWN_INSPT_OTHR	Number of Months between Inspections
ITEM_93_1	FRACTR_CRIT_INSPT_DT	Fracture Critical Inspection (Critical Feature Inspection Date)
ITEM_93_2	UNDRWTR_INSPT_DT	Underwater Inspection (Critical Feature Inspection Date)
ITEM_93_3	OTHR_SPCL_INSPT_DT	Other Special Inspection (Critical Feature Inspection Date)
ITEM_94	BRDG_IMPRV_COST	Bridge Improvement Cost
ITEM_95	RDWAY_IMPRV_COST	Roadway Improvement Cost
ITEM_96	TOTL_PROJ_COST	Total Project Cost
ITEM_97	YR_IMPRV_COST_ESTMT	Year of Improvement Cost Estimate
ITEM_98_A	BRDR_BRDG_STATE_CD	Border Bridge - Neighboring State Code
ITEM_98_B	BRDR_BRDG_PCT_RSPNBL	Border Bridge - Percent Responsibility
ITEM_99	BRDR_BRDG_STRUC_NBR	Border Bridge Structure Number
ITEM_100	STRAHNET_HWY_DSGNAT	STRAHNET Highway Designation
ITEM_101	PARL_STRUC_DSGNAT	Parallel Structure Designation
ITEM_102	TRFC_DRCT	Direction of Traffic
ITEM_103	TEMP_STRUC_DSGNAT	Temporary Structure Designation
ITEM_104	INV_RTE_HWY_SYS	Highway System of the Inventory Route
ITEM_105_0	FEDRL_LAND_HWYS	Federal Lands Highways
ITEM_106	YR_RECNRSTR	Year Reconstructed or Widened
ITEM_106_1	WIDEN_CD	Widening Code
ITEM_107_1	MAIN_SPAN_DECK_TYPE	Deck Structure Type, Main Span
ITEM_108_1_A	MAIN_SPAN_WEAR_SRFC	Wearing Surface/Protective System, Main Span (Type of Wearing Surface)
ITEM_108_1_B	MAIN_SPAN_MEMBRN	Wearing Surface/Protective System, Main Span (Type of Membrane)
ITEM_108_1_C	MAIN_SPAN_DECK_PROT	Wearing Surface/Protective System, Main Span (Deck Protection)
ITEM_107_2	MAJR_APRCH_DECK_TYPE	Deck Structure Type, Major Approach Span
ITEM_108_2_A	MAJR_APRCH_WEAR_SRFC	Wearing Surface/Protective System, Major Approach Span (Type of Wearing Surface)
ITEM_108_2_B	MAJR_APRCH_MEMBRN	Wearing Surface/Protective System, Major Approach Span (Type of Membrane)
ITEM_108_2_C	MAJR_APRCH_DECK_PROT	Wearing Surface/Protective System, Major Approach Span (Deck Protection)
ITEM_107_3	MINR_APRCH_DECK_TYPE	Deck Structure Type, Minor Approach Span
ITEM_108_3_A	MINR_APRCH_WEAR_SRFC	Wearing Surface/Protective System, Minor Approach Span (Type of Wearing Surface)
ITEM_108_3_B	MINR_APRCH_MEMBRN	Wearing Surface/Protective System, Minor Approach Span (Type of Membrane)
ITEM_108_3_C	MINR_APRCH_DECK_PROT	Wearing Surface/Protective System, Minor Approach Span (Deck Protection)
ITEM_109	ADT_TRK	Average Daily Truck Traffic
ITEM_110	DSGNAT_NATL_NTWK	Designated National Network
ITEM_111	ABUTMENT_PROT	Pier or Abutment Protection (for Navigation)
ITEM_112	NBIS_BRDG_LNGTH	NBIS Bridge Length
ITEM_113	SCOUR_CRIT	Scour Critical Bridges

ITEM_114	FUT_ADT	Future Average Daily Traffic
ITEM_115	FUT_ADT_YR	Year of Future Average Daily Traffic
ITEM_116	MIN_NAVIG_VERT_CLEAR	Minimum Navigation Vertical Clearance Vertical Lift Bridge
ITEM_119	ORIG_CNSTR_COST	Cost of Original Construction
ITEM_120	DEFIC_OBSO_CD	Deficient/Obsolete Code
ITEM_121	SUFF_RTNG	Sufficiency Rating
ITEM_122	XREF_PRIN_RT_ID	Xref PrinRtID
ITEM_123	XREF_STR_FNC	123 Xrf StrFncPRT
ITEM_121_1	SUFF_RTNG_FLAG	Sufficiency Rating Flag
ITEM_113_1	SCOUR_PLAN_ACTN	Scour Plans of Action/Unknown Foundations
ITEM_128	OVER_HGHT_LD_DAMG	Over Height Load Damage
ITEM_124	XREF_IR_ID	124 XRF IR ID
ITEM_125	XREF_IR_STR_FNC	125 XRF IRStr Func
ITEM_126	DIST_USE_FLD	District Use Fields
ITEM_8_4A	INT_RTE_CTRL	Intersecting Route Control
ITEM_8_5A	INT_RTE_SECT_NBR	Intersecting Route Section Number
ITEM_8_6A	INT_RTE_BRDG_NBR	Intersecting Route Bridge Number
ITEM_8_3A	INT_DUP_RTE_OVR	Intersecting Duplicate Route Over
ITEM_5_1A	INT_RTE_STRUC_FUNC	Intersection Route Structure Function
ITEM_5_3A	INT_RTE_DSGNT_SRVC_LVL	Intersecting Route Designated Level of Service
ITEM_5_6A	INT_RTE_SFX	Intersecting Route Suffix
ITEM_5_2A	INT_RTE_SYS	Intersecting Route System
ITEM_5_4A	INT_RTE_HWY_NBR	Intersecting Route Highway Number
ITEM_5_5A	INT_RTE_DRCT	Intersecting Route Direction
ITEM_11_1C	INT_RTE_NRST_RMRKR	Nearest Reference Marker along Intersecting Route
ITEM_11_2C	INT_RTE_RMRKR_SFX	Reference Marker Suffix along Intersecting Route
ITEM_11_3C	INT_RTE_DRCT_RMRKR_OFFST	Direction of Reference Marker offset along Intersecting Route
ITEM_11_4C	INT_RTE_RMRKR_OFFST_DSTNCE	Reference Marker offset distance along Intersecting Route
ITEM_47_A	INT_RTE_HRZNTL_CLEAR	Intersecting Route Horizontal Clearance
ITEM_10_A	INT_RTE_VERT_CLEAR	Intersecting Route Vertical Clearance
ITEM_19_A	INT_RTE_BYPASS_DETOUR_LNGTH	Intersecting Route Bypass Detour Length
ITEM_20_A	INT_RTE_TOLL_CD	Intersecting Route Toll Code
ITEM_26_A	INT_RTE_FUNCL_CLASS	Intersecting Route Functional Classification
ITEM_29_A	INT_RTE_ADT	Intersecting Route Average Daily Traffic (ADT)
ITEM_30_A	INT_RTE_ADT_YR	Intersecting Route Date of ADT
ITEM_100_A	INT_RTE_STAHNET_HWY_DSGNAT	Intersecting Route STRAHNET Highway Designation
ITEM_101_A	INT_RTE_PARL_STRUC	Intersecting Route Parallel Structure
ITEM_102_A	INT_RTE_TRFC_DRCT	Intersecting Route Direction of Traffic
ITEM_103_A	INT_RTE_TEMP_STRUC_DSGNAT	Intersecting Route Temporary Structure Designation
ITEM_104_A	INT_RTE_HWY_SYS	Intersecting Route Highway System
ITEM_109_A	INT_RTE_ADT_TRK	Intersecting Route Average Daily Truck Traffic
ITEM_110_A	INT_RTE_DSGNAT_NATL_NTWK	Intersecting Route Designated National Network
LATITUDE	LAT_DD	Latitude in Decimal Degrees
LONGITUDE	LONG_DD	Longitude in Decimal Degrees

ITEM_114_A	INT_RTE_FUT_ADT	Intersecting Route Future Average Daily Traffic (ADT)
ITEM_115_A	INT_RTE_FUT_ADT_YR	Intersecting Route Year of Future Average Daily Traffic (ADT)
FHWA67	FHWA67	Federal Calculation - Structural Evaluation
FHWA68	FHWA68	Federal Calculation - Deck Geometry
FHWA69	FHWA69	Federal Calculation - Underclearances
ITEM_12	BASE_HWY_NTWK	Base Highway Network
ITEM_13_1	LRS_INV_RTE	LRS Inventory Route
ITEM_13_2	SUBRTE_NBR	Subroute Number
ITEM_16_1	GPS_LAT	GPS Latitude
ITEM_17_1	GPS_LONG	GPS Longitude
ITEM_17_2	GPS_MTHD	GPS Method Used
ITEM_63	OPRTG_RTNG_MTHD	Method Used to Determine Operating Rating
ITEM_65_1	INV_RTNG_MTHD	Method Used to Determine Inventory Rating
ITEM_16	LAT_DMS	Latitude in Degrees Minutes Seconds
ITEM_17	LONG_DMS	Longitude in Degrees Minutes Seconds
ITEM_12_A	INT_RTE_BASE_HWY_NTWK	Base Highway Network status of Intersecting Route
ITEM_13_1A	LRS_INT_RTE	LRS Intersecting Route
ITEM_13_2A	INT_RTE_SUBRTE_NBR	Subroute Number for Intersecting Route
BRDG_STAT_DSCR	BRDG_STAT_DSCR	Bridge Operational Status Description