

This collection of information is mandatory (Title 23 USC section 144 and the CFR, 23 Highways Part 650, Subpart C National Bridge Inspection Standards and will be used to perform and report inventory data from highway bridges inspections on public roads, on the National Highway System. Public reporting burden is estimated to average 21 hour per response, including the time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Please note that an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number for this collection is 2125-0501. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Michael Howell Information Collection Clearance Officer, Michael.howell@dot.gov, Federal Highway Administration, 1200 New Jersey, Avenue, E64-433, SE, Washington, DC 20590.

## Structure Inventory and Appraisal Sheet

### NATIONAL BRIDGE INVENTORY - - - - - STRUCTURE INVENTORY AND APPRAISAL

<p>***** IDENTIFICATION *****</p> <p>(1) STATE NAME - _____ CODE _____</p> <p>(8) STRUCTURE NUMBER # _____</p> <p>(5) INVENTORY ROUTE (ON/UNDER) - _____ = _____</p> <p>(2) HIGHWAY AGENCY DISTRICT _____</p> <p>(3) COUNTY CODE _____ (4) PLACE CODE _____</p> <p>(6) FEATURES INTERSECTED - _____</p> <p>(7) FACILITY CARRIED - _____</p> <p>(9) LOCATION - _____</p> <p>(11) MILEPOINT/KILOMETERPOINT _____</p> <p>(12) BASE HIGHWAY NETWORK - _____ CODE _____</p> <p>(13) LRS INVENTORY ROUTE &amp; SUBROUTE # _____</p> <p>(16) LATITUDE _____ DEG _____ MIN _____ SEC</p> <p>(17) LONGITUDE _____ DEG _____ MIN _____ SEC</p> <p>(98) BORDER BRIDGE STATE CODE _____ % SHARE _____ %</p> <p>(99) BORDER BRIDGE STRUCTURE NO. # _____</p> <p>***** STRUCTURE TYPE AND MATERIAL *****</p> <p>(43) STRUCTURE TYPE MAIN: MATERIAL - _____ CODE _____</p> <p style="padding-left: 20px;">TYPE - _____ CODE _____</p> <p>(44) STRUCTURE TYPE APPR: MATERIAL - _____ CODE _____</p> <p style="padding-left: 20px;">TYPE - _____ CODE _____</p> <p>(45) NUMBER OF SPANS IN MAIN UNIT _____</p> <p>(46) NUMBER OF APPROACH SPANS _____</p> <p>(107) DECK STRUCTURE TYPE - _____ CODE _____</p> <p>(108) WEARING SURFACE / PROTECTIVE SYSTEM:</p> <p style="padding-left: 20px;">A) TYPE OF WEARING SURFACE - _____ CODE _____</p> <p style="padding-left: 20px;">B) TYPE OF MEMBRANE - _____ CODE _____</p> <p style="padding-left: 20px;">C) TYPE OF DECK PROTECTION - _____ CODE _____</p> <p>***** AGE AND SERVICE *****</p> <p>(27) YEAR BUILT _____</p> <p>(106) YEAR RECONSTRUCTED _____</p> <p>(42) TYPE OF SERVICE: ON - _____ CODE _____</p> <p style="padding-left: 20px;">UNDER - _____ CODE _____</p> <p>(28) LANES: ON STRUCTURE _____ UNDER STRUCTURE _____</p> <p>(29) AVERAGE DAILY TRAFFIC _____</p> <p>(30) YEAR OF ADT _____ (109) TRUCK ADT _____ %</p> <p>(19) BYPASS, DETOUR LENGTH _____ KM</p> <p>***** GEOMETRIC DATA *****</p> <p>(48) LENGTH OF MAXIMUM SPAN _____ M</p> <p>(49) STRUCTURE LENGTH _____ M</p> <p>(50) CURB OR SIDEWALK: LEFT _____ M RIGHT _____ M</p> <p>(51) BRIDGE ROADWAY WIDTH CURB TO CURB _____ M</p> <p>(52) DECK WIDTH OUT TO OUT _____ M</p> <p>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) _____ M</p> <p>(33) BRIDGE MEDIAN - _____ CODE _____</p> <p>(34) SKEW _____ DEG (35) STRUCTURE FLARED _____</p> <p>(10) INVENTORY ROUTE MIN VERT CLEAR _____ M</p> <p>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR _____ M</p> <p>(53) MIN VERT CLEAR OVER BRIDGE RDWY _____ M</p> <p>(54) MIN VERT UNDERCLEAR REF - _____ M</p> <p>(55) MIN LAT UNDERCLEAR RT REF - _____ M</p> <p>(56) MIN LAT UNDERCLEAR LT _____ M</p> <p>***** NAVIGATION DATA *****</p> <p>(38) NAVIGATION CONTROL - _____ CODE _____</p> <p>(111) PIER PROTECTION - _____ CODE _____</p> <p>(39) NAVIGATION VERTICAL CLEARANCE _____ M</p> <p>(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR _____ M</p> <p>(40) NAVIGATION HORIZONTAL CLEARANCE _____ M</p>	<p>***** CLASSIFICATION *****</p> <p>(112) NBIS BRIDGE LENGTH - _____</p> <p>(104) HIGHWAY SYSTEM - _____</p> <p>(26) FUNCTIONAL CLASS - _____</p> <p>(100) DEFENSE HIGHWAY - _____</p> <p>(101) PARALLEL STRUCTURE - _____</p> <p>(102) DIRECTION OF TRAFFIC - _____</p> <p>(103) TEMPORARY STRUCTURE - _____</p> <p>(105) FEDERAL LANDS HIGHWAYS - _____</p> <p>(110) DESIGNATED NATIONAL NETWORK - _____</p> <p>(20) TOLL - _____</p> <p>(21) MAINTAIN - _____</p> <p>(22) OWNER - _____</p> <p>(37) HISTORICAL SIGNIFICANCE - _____</p> <p>***** CONDITION *****</p> <p>(58) DECK _____</p> <p>(59) SUPERSTRUCTURE _____</p> <p>(60) SUBSTRUCTURE _____</p> <p>(61) CHANNEL &amp; CHANNEL PROTECTION _____</p> <p>(62) CULVERTS _____</p> <p>***** LOAD RATING AND POSTING *****</p> <p>(31) DESIGN LOAD - _____ OR _____</p> <p>(63) OPERATING RATING METHOD - _____</p> <p>(64) OPERATING RATING - _____</p> <p>(65) INVENTORY RATING METHOD - _____</p> <p>(66) INVENTORY RATING - _____</p> <p>(70) BRIDGE POSTING - _____</p> <p>(41) STRUCTURE OPEN, POSTED OR CLOSED - _____</p> <p style="padding-left: 20px;">DESCRIPTION - _____</p> <p>***** APPRAISAL *****</p> <p>(67) STRUCTURAL EVALUATION _____</p> <p>(68) DECK GEOMETRY _____</p> <p>(69) UNDERCLEARANCES, VERTICAL &amp; HORIZONTAL _____</p> <p>(71) WATERWAY ADEQUACY _____</p> <p>(72) APPROACH ROADWAY ALIGNMENT _____</p> <p>(36) TRAFFIC SAFETY FEATURES _____</p> <p>(113) SCOUR CRITICAL BRIDGES _____</p> <p>***** PROPOSED IMPROVEMENTS *****</p> <p>(75) TYPE OF WORK - _____ CODE _____</p> <p>(76) LENGTH OF STRUCTURE IMPROVEMENT _____ M</p> <p>(94) BRIDGE IMPROVEMENT COST \$ _____,000</p> <p>(95) ROADWAY IMPROVEMENT COST \$ _____,000</p> <p>(96) TOTAL PROJECT COST \$ _____,000</p> <p>(97) YEAR OF IMPROVEMENT COST ESTIMATE _____</p> <p>(114) FUTURE ADT _____</p> <p>(115) YEAR OF FUTURE ADT _____</p> <p>***** INSPECTIONS *****</p> <p>(90) INSPECTION DATE ____/____/____ (91) FREQUENCY ____ MO</p> <p>(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE</p> <p style="padding-left: 20px;">A) FRACTURE CRIT DETAIL - ____ - ____ MO A) ____/____</p> <p style="padding-left: 20px;">B) UNDERWATER INSP - ____ - ____ MO B) ____/____</p> <p style="padding-left: 20px;">C) OTHER SPECIAL INSP - ____ - ____ MO C) ____/____</p>
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