These errors prevent processing or acceptance, and must be corrected prior to submittal.

Item #	Error Description	Explanation	Valid Values
1	ITEM 1 - NULL VALUE PREVENTS PROCESSING.	Must be entered	State codes listed in NBI Coding Guide
1	ITEM 1 - STATE/REGION CODE NOT VALID - FATAL ERROR.	Checked for valid state code	State codes listed in NBI Coding Guide
5A	ITEM 5A - INVENTORY ROUTE IS NOT A VALID VALUE - FATAL ERROR.	Must be entered	1, 2, A through Z
8	ITEM 8 - STRUCTURE NUMBER IS NOT ENTERED - FATAL ERROR.	Must be entered	
8	ITEM 8 - STRUCTURE NUMBER IS NOT UNIQUE - FATAL ERROR.	Two bridges with same structure number.	
32	ITEM 32 - APPROACH ROADWAY WIDTH IS NOT NUMERIC - FATAL ERROR.	Must be numeric	Greater than 0
32	ITEM 32 - MUST HAVE A VALUE GREATER THAN 0 - FATAL ERROR.	Must be greater than zero	Greater than 0
32	ITEM 32 - VALUE IS MISSING - FATAL ERROR.	Must be entered	Greater than 0
43B	ITEM 43B - TUNNELS ARE NO LONGER PERMITTED IN THE NBI - FATAL ERROR.	Item 43B cannot equal 18.	00 through 17, 19 through 22
49	ITEM 49 - STRUCTURE LENGTH IS NOT NUMERIC - FATAL ERROR.	Must be numeric	Greater than 0
49	ITEM 49 - MUST HAVE A VALUE GREATER THAN 0 - FATAL ERROR.	Must be greater than zero	Greater than 0
49	ITEM 49 - VALUE IS MISSING - FATAL ERROR.	Must be entered	Greater than 0
52	ITEM 52 - THE DECK WIDTH IS NOT NUMERIC - FATAL ERROR.	Must be numeric	0 or greater
52	ITEM 52 - VALUE IS MISSING - FATAL ERROR.		0 or greater
	ITEMS 58, 59, 60, AND 62 - AT LEAST ONE COMPONENT MUST BE RATED 0 TO 9 - FATAL ERROR.		
58	ITEM 58 - THE DECK RATING CODE IS NOT VALID - FATAL ERROR.	Must be entered	0 through 9, N
58	ITEM 58 - VALUE IS MISSING - FATAL ERROR.	Must be entered	0 through 9, N
59	ITEM 59 - THE SUPERSTRUCTURE RATING CODE IS NOT VALID. - FATAL ERROR.	Must be entered	0 through 9, N
59	ITEM 59 - VALUE IS MISSING - FATAL ERROR.	Must be entered	0 through 9, N
60	ITEM 60 - THE SUBSTRUCTURE RATING CODE IS NOT VALID - FATAL ERROR.	Must be entered	0 through 9, N
60	ITEM 60 - VALUE IS MISSING - FATAL ERROR.	Must be entered	0 through 9, N
62	ITEM 62 - THE CULVERT RATING CODE IS NOT VALID - FATAL ERROR.	Must be entered	0 through 9, N
62	ITEM 62 - VALUE IS MISSING - FATAL ERROR.	Must be entered	0 through 9, N
104	ITEM 104 - MUST BE CODED 0 OR 1 - FATAL ERROR.	Must be entered	0, 1

These errors are directly related to safety, and must be corrected prior to submittal. These errors apply only to bridges that carry highway traffic (Item 42a = 1, 4, 5, 6, 7, or 8) and Item 103 is null.

1. Item 64 is less than 2.7 metric tons and item 41 is A, B, P, or R.
2. Item 60 is less than 2 and Item 41 is A, B, D, P or R.
3. Item 59 is less than 2 and Item 41 is A, B, D, P or R.

General Errors NBI Data Checks

These errors should be corrected prior to the next submittal. These errors apply only to bridges that carry highway traffic (Item 42a = 1, 4, 5, 6, 7, or 8).

Item #	Error Description	Explanation	Range of Values
2	ITEM 2 - HIGHWAY DISTRICT IS NOT A VALID NUMBER.	No edits performed	
3	ITEM 3 - COUNTY CODE IS NOT A VALID NUMBER.	Must be numeric, codes in each state validated	link on HIBS website
4	ITEM 4 - PLACE CODE IS NOT A VALID NUMBER.	Must be numeric	link on HIBS website
5B	ITEM 5B - ROUTE SIGNING PREFIX IS NOT VALID.	Must be numeric, range of values checked	1 through 8
5C	ITEM 5C - LEVEL OF SERVICE IS NOT VALID.	Must be numeric, range of values checked	0 through 8
5D	ITEM 5D - ROUTE NUMBER IS NOT ENTERED.	Must be entered; 00000 if N/A	
5E	ITEM 5E - DIRECTIONAL SUFFIX IS NOT VALID.	Must be numeric. Range of values checked	0 through 4
6A	ITEM 6A - FEATURES INTERSECTED MUST BE ENTERED.	Must be entered	
7	ITEM 7 - THE FACILITY CARRIED MUST BE ENTERED.	Must be entered	
9	ITEM 9 - THE LOCATION MUST BE ENTERED.	Must be entered	
10	ITEM 10 - VERTICAL CLEARANCE IS NOT A VALID NUMBER.	Must be numeric	
11	ITEM 11 - MILEPOINT IS NOT A VALID NUMBER.	Must be numeric	
16	ITEM 16 - LATITUDE IS NOT A VALID NUMBER.	Must be numeric	
17	ITEM 17 - LONGITUDE IS NOT A VALID NUMBER.	Must be numeric	
19	ITEM 19 - DETOUR IS NOT A VALID NUMBER.	Must be numeric	
20	ITEM 20 - TOLL CODE IS NOT VALID.	Range of values checked	1 through 5
21	ITEM 21 - MAINTENANCE RESPONSIBILITY IS NOT VALID.	Range of values checked	01, 02, 03, 04, 11, 12, 21, 25, 26, 27, 31, 32, 40, 54 through 80
22	ITEM 22 - OWNER CODE IS NOT VALID.	Range of values checked	01, 02, 03, 04, 11, 12, 21, 25, 26, 27, 31, 32, 40, 54 through 80
26	ITEM 26 - FUNCTIONAL CLASSIFICATION IS NOT VALID.	Range of values checked	01, 02, 06, 07, 08, 09, 11, 12, 14, 16, 17, 19
27	ITEM 27 - YEAR BUILT IS NOT A VALID NUMBER.	Must be numeric	
27	ITEM 27 - YEAR BUILT CENTURY IS NOT VALID.	First two digits should be 16, 17, 18, 19 or 20	
28A	ITEM 28A - TRAFFIC LANES ON IS NOT A VALID NUMBER.	Must be numeric	
28A	ITEM 28A - LANES FOR AN INVENTORY ROUTE(5A=1) CANNOT BE ZERO.	If Item 5a=1, value cannot be 00	
28B	ITEM 28B - TRAFFIC LANES UNDER IS NOT A VALID NUMBER.	Must be numeric	
29	ITEM 29 - AVERAGE DAILY TRAFFIC IS NOT A VALID NUMBER.	Must be numeric	
30	ITEM 30 - YEAR OF AVERAGE DAILY TRAFFIC IS NOT A VALID NUMBER.	Must be numeric	
30	ITEM 30 - YEAR OF AVERAGE DAILY TRAFFIC IS IN THE FUTURE.	Cannot be greater than current year	
31	ITEM 31 - DESIGN LOAD IS NOT A VALID CODE.	Range of values checked	0 through 9; A, B, C
33	ITEM 33 - BRIDGE MEDIAN CODE IS NOT VALID.	Range of values checked	0 through 3
34	ITEM 34 - THE SKEW ANGLE IS NOT NUMERIC.	Must be numeric	
35	ITEM 35 - THE STRUCTURE FLARED INDICATOR IS NOT A VALID CODE.	Range of values checked	0 and 1
36A	ITEM 36A - THE BRIDGE RAILINGS CODE IS NOT VALID.	Range of values checked	0, 1, and N
36B	ITEM 36B - THE TRANSITIONS CODE IS NOT VALID.	Range of values checked	0, 1, and N

Item #	Error Description	Explanation	Range of Values
36C	ITEM 36C - THE APPROACH GUARDRAIL CODE IS NOT VALID.	Range of values checked	0, 1, and N
36D	ITEM 36D - THE APPROACH GUARDRAIL END CODE IS NOT VALID.	Range of values checked	0, 1, and N
37	ITEM 37 - THE HISTORICAL SIGNIFIGANCE CODE IS NOT VALID.	Range of values checked	1 through 5
38	ITEM 38 - THE NAVAGATION CONTROL CODE IS NOT VALID.	Range of values checked	0, 1, and N
39	ITEM 39 - THE NAVAGATION VERTICAL CLEARANCE IS NOT NUMERIC.	Must be numeric	
40	ITEM 40 - THE NAVAGATION HORIZONTAL CLEARANCE IS NOT NUMERIC.	Must be numeric	
41	ITEM 41 - THE STRUCTURE OPEN CODE IS NOT VALID.	Range of values checked	A, B, D, E, G, K, P, R
42	ITEM 42 - THE TYPE OF SERVICE CODE NOT NUMERIC-ON AND/OR UNDER	Range of values checked	0 through 9
43A	ITEM 43A - THE KIND OF MATERIAL CODE IS NOT NUMERIC.	Range of values checked	0 through 9
43B	ITEM 43B - THE TYPE OF DESIGN CODE IS NOT VALID.	Range of values checked	00 through 22, except 18
44A	ITEM 44A - THE APPROACH KIND OF MATERIAL CODE IS NOT NUMERIC.	Range of values checked	0 through 9
44B	ITEM 44B - THE APPROACH TYPE OF DESIGN CODE IS NOT VALID.	Range of values checked	00 through 22
45	ITEM 45 - THE NUMBER OF MAIN SPANS IS NOT NUMERIC.	Must be numeric	
46	ITEM 46 - THE NUMBER OF APPROACH SPANS IS NOT NUMERIC.	Must be numeric	
47	ITEM 47 - THE TOTAL HORIZONTAL CLEARANCE IS NOT NUMERIC.	Must be numeric	
48	ITEM 48 - THE MAX SPAN LENGTH IS NOT NUMERIC.	Must be numeric	
50A	ITEM 50A - THE LEFT CURB WIDTH IS NOT NUMERIC.	Must be numeric	
50B	ITEM 50B - THE RIGHT CURB WIDTH IS NOT NUMERIC.	Must be numeric	
51	ITEM 51 - THE ROADWAY WIDTH IS NOT NUMERIC.	Must be numeric	
53	ITEM 53 - THE MIN VERTICAL OVER CLEARANCE IS NOT NUMERIC.	Must be numeric	
54A	ITEM 54A - THE UNDERCLEARANCE REF. FEATURE IS NOT A VALID CODE.	Range of values checked	H, R, N
54B	ITEM 54B - THE MIN VERT. UNDERCLEARANCE IS NOT NUMERIC.	Must be numeric	
55A	ITEM 55A - THE LATERAL REFERENCE FEATURE CODE IS NOT VALID.	Range of values checked	H, R, N
55B	ITEM 55B - THE MIN LATERAL UNDERCLEARANCE CODE IS NOT NUMERIC.(R)	Must be numeric	
56	ITEM 56 - THE MIN LATERAL UNDERCLEARANCE CODE IS NOT NUMERIC.(L)	Must be numeric	
61	ITEM 61 - THE CHANNEL RATING CODE IS NOT VALID.	Range of values checked	0 through 9, N
63	ITEM 63 - THE OPERATING RATING MUST BE CODED 1 THRU 8, OR A THRU F	Range of values checked	0 through 8; A through F
64	ITEM 64 - THE OPERATING RATING IS NOT NUMERIC.	Must be numeric	
65	ITEM 65 - THE INVENTORY RATING MUST BE CODED 1 THRU 8, OR A THRU F	Range of values checked	0 through 8; A through F
66	ITEM 66 - THE INVENTORY RATING IS NOT NUMERIC.	Must be numeric	
70	ITEM 70 - THE BRIDGE POSTING EVALUATION CODE IS NOT VALID.	Range of values checked	0 through 5

Item #	Error Description	Explanation	Range of Values
71	ITEM 71 - THE WATERWAY ADEQUACY EVALUATION CODE IS NOT VALID.	Range of values checked	0 through 9, N
72	ITEM 72 - THE APPROACH ROAD ALIGNMENT EVAL CODE IS NOT VALID	Range of values checked	0 through 8
75A	ITEM 75A - THE TYPE OF WORK PROPOSED CODE IS NOT VALID.	Range of values checked	31 through 38
75B	ITEM 75B - THE WORK DONE BY CODE IS NOT VALID.	Range of values checked	1 and 2
76	ITEM 76 - THE LENGTH OF IMPROVEMENT CODE IS NOT NUMERIC.	Must be numeric	
90	ITEM 90 - THE DATE OF INSPECTION IS NOT NUMERIC.	Must be numeric	
90	ITEM 90 - THE DATE OF INSPECTION MONTH IS NOT < 13.	Max value is 12	
91	ITEM 91 - THE INSPECTION FREQUENCY MONTHS ARE NOT NUMERIC.	Must be numeric	
91	ITEM 91 - THE INSPECTION FREQUENCY MONTHS IS GREATER THAN 48.	Max value is 48	
92A	ITEM 92A - THE FRACTURE INSPECTION CODE IS NOT VALID.	Range of values checked	Y or N
92A	ITEM 92A - THE FRACTURE INSP. MONTH CODE IS NOT NUMERIC.	Must be numeric	
92A	ITEM 92A - THE FRACTURE INSP. MONTH CODE IS NOT WITHIN RANGE.	Max value is 99	
92B	ITEM 92B - THE UNDERWATER INSPECTION CODE IS NOT VALID.	Range of values checked	Y or N
92B	ITEM 92B - THE UNDERWATER INSP. MONTH CODE IS NOT NUMERIC.	Must be numeric	
92B	ITEM 92B - THE UNDERWATER INSP. MONTH CODE IS NOT WITHIN RANGE.	Max value is 99	
92C	ITEM 92C - THE OTHER SPECIAL INSPECTION CODE IS NOT VALID.	Range of values checked	Y or N
92C	ITEM 92C - THE OTHER SPECIAL INSP. MONTH CODE IS NOT NUMERIC.	Must be numeric	
92C	ITEM 92C - THE OTHER SPECIAL INSP MONTH CODE IS NOT WITHIN RANGE.	Max value is 99	
93A	ITEM 93A - THE FRACTURE LAST DATE IS NOT NUMERIC.	If Item 92a=Y then this must be numeric	
93A	ITEM 93A - THE FRACTURE LAST DATE - MONTH FIELD IS > 12.	Month cannot be greater than 12	
93B	ITEM 93B - THE UNDERWATER LAST DATE CODE IS NOT NUMERIC.	If Item 92a=Y then this must be numeric	
93B	ITEM 93B - THE UNDERWATER LAST MONTH IS > 12.	Month cannot be greater than 12	
93C	ITEM 93C - THE OTHER SPECIAL LAST DATE IS NOT NUMERIC.	If Item 92a=Y then this must be numeric	
93C	ITEM 93C - THE OTHER SPECIAL LAST MONTH IS > 12.	Month cannot be greater than 12	
98A	ITEM 98A - THE NEIGHBORING STATE CODE IS NOT VALID.	Validate state code, MEX & CAN	
98B	ITEM 98B - THE OTHER STATE PERCENTAGE CODE IS NOT NUMERIC.	Must be numeric	
99	ITEM 99 - THE OTHER STATE BRIDGE STRUCTURE NUMBER IS NOT ENTERED	Cannot be null if Item 98a is coded	
100	ITEM 100 - THE DEFENSE HIGHWAY DESIGNATION CODE IS NOT VALID.	Range of values checked	0 through 3

Item #	Error Description	Explanation	Range of Values
101	ITEM 101 - THE PARALLEL STRUCTURE DESIGNATION CODE IS NOT VALID.	Range of values checked	R. L, N
102	ITEM 102 - THE DIRECTION OF TRAFFIC CODE IS NOT VALID.	Range of values checked	0 through 3
103	ITEM 103 - THE TEMPORARY STRUCTURE DESIGNATION CODE IS NOT VALID.	Range of values checked	T
105	ITEM 105 - FEDERAL LANDS HIGHWAYS MUST BE 0 THRU 6 OR 9.	Range of values checked	0 through 9
106	ITEM 106 - THE YEAR OF RECONSTRUCTION CODE IS NOT VALID.	Must be numeric if coded	
107	ITEM 107 - THE DECK STRUCTURE TYPE CODE IS NOT VALID.	Range of values checked	1 through 9, N
108A	ITEM 108A - THE WEARING SURFACE TYPE CODE IS NOT VALID.	Range of values checked	0 through 9, N
108B	ITEM 108B - THE MEMBRANE TYPE CODE IS NOT VALID.	Range of values checked	0, 1, 2, 3, 8, 9, N
108C	ITEM 108C - THE DECK PROTECTION CODE IS NOT VALID.	Range of values checked	0 through 9, N
109	ITEM 109 - THE ADT TRUCK TRAFFIC PERCENTAGE IS NOT VALID.	Must be numeric	
110	ITEM 110 - THE NATIONAL NETWORK CODE IS NOT VALID.	Range of values checked	0 and 1
111	ITEM 111 - THE PIER PROTECTION CODE IS NOT VALID.	Range of values checked	1 through 5
112	ITEM 112 - THE NBIS BRIDGE LENGTH CODE IS NOT VALID.	Range of values checked	Y or N
113	ITEM 113 - THE SCOUR CRITICAL CODE IS NOT VALID.	Range of values checked	0 through 9, N, U, T
114	ITEM 114 - THE FUTURE ADT IS NOT NUMERIC.	Must be numeric	
115	ITEM 115 - THE YEAR OF FUTURE ADT IS NOT NUMERIC.	Must be numeric	
115	ITEM 115 - THE YEAR OF FUTURE ADT IS < 17 YEARS FROM INSP DATE.	Date cannot be less than 17 years in the future	
115	ITEM 115 - THE YEAR OF FUTURE ADT IS > 22 YEARS FROM INSP DATE.	Date cannot be more than 22 years in the future	
116	ITEM 116 - THE MIN NAV VERT CLEAR LIFT BRIDGE CODE IS NOT NUMERIC	Must be numeric	

These errors should be corrected prior to the next submittal. These errors apply only to bridges that carry highway traffic (Item 42a = 1, 4, 5, 6, 7, or 8).

Item #	Error
16	ITEM 16 - A VALID ITEM 100 IS ENTERED -- SO ITEM 16 MUST BE > 0.
17	ITEM 17 - A VALID ITEM 100 IS ENTERED -- SO ITEM 17 MUST BE > 0.
29	ITEM 29 - ITEM 29 IS > 100 -- SO ITEM 109 MUST BE ENTERED.
39	ITEM 39 - ITEM 38 = 1 -- SO ITEM 39 MUST BE GREATER THAN ZERO.
39 & 40	ITEM 39 - ITEM 38 = 0 - SO ITEMS 39 AND 40 MUST = 0.
40	ITEM 40 - ITEM 38 = 1 -- SO ITEM 40 MUST BE GREATER THAN ZERO.
41	ITEM 41 - ITEM 59 = 0 OR 1 --- SO ITEM 41 MUST = D E OR K.
41	ITEM 41 - ITEM 60 = 0 OR 1 --- SO ITEM 41 MUST = D E OR K.
41	ITEM 41 - ITEM 62 = 0 OR 1 --- SO ITEM 41 MUST = D E OR K.
41	ITEM 41 - ITEM 103 IS = T AND ITEM 41 IS NOT = D, E, P, or R.
42A	ITEM 42A - ITEM 28A > 0 -- SO ITEM 42A MUST BE 1 4 5 6 7 OR 8.
42B	ITEM 42B - ITEM 28B > 0 -- SO ITEM 42B MUST BE 1 4 6 OR 8.
42B	ITEM 42B - ITEM 28B = 0 -- SO ITEM 42B MUST BE 0 2 3 5 7 OR 9.
42B	ITEM 42B - ITEM 69 IS NUMERIC - 42B MUST BE = 1 2 4 6 7 OR 8
42B	ITEM 42B - ITEM 71 IS NUMERIC - 42B MUST BE = 5 6 7 8 9 OR 0
43B	ITEM 43B - ITEM 62 IS NUMERIC -- SO ITEM 43B MUST BE 19.
47	ITEM 47 - A VALID ITEM 100 IS ENTERED -- SO ITEM 47 MUST BE > 0.
49	ITEM 49 - ITEM 48 MUST NOT BE GREATER THAN ITEM 49.
49	ITEM 49 - ITEM 112 = Y -- SO ITEM 49 MUST BE > OR = 6.1 METERS
58	ITEM 58 - ITEM 43B = 19 -- SO ITEM 58 MUST BE N.
59	ITEM 59 - ITEM 43B = 19 -- SO ITEM 59 MUST BE N.
60	ITEM 60 - ITEM 43B = 19 -- SO ITEM 60 MUST BE N.
62	ITEM 62 - ITEM 43B = 19 -- SO ITEM 62 MUST BE NUMERIC.
64	ITEM 64 - ITEM 41 = E -- SO ITEM 64 MUST BE = 0.
64	ITEM 64 - ITEM 66 MUST NOT BE GREATER THAN ITEM 64.
66	ITEM 66 - ITEM 41 = E -- SO ITEM 66 MUST BE = 0.
102	ITEM 102 - ITEM 28B = 1 -- SO ITEM 102 MUST = 1 OR 3.
102	ITEM 102 - ITEM 28A EQUALS 1 SO ITEM 102 MUST EQUAL 1 OR 3.
103	ITEM 103 - ITEM 41 = D OR E -- SO ITEM 103 MUST BE T.
106	ITEM 106 - ITEM 106 > 0 SO ITEM 106 MUST BE GREATER THAN ITEM 27.
111	ITEM 111 - ITEM 38 = 1 -- SO ITEM 111 MUST BE ENTERED.

These null value errors should be corrected prior to the next submittal. Except for Item 10, these errors apply only to over records (Item 5a = 1).

N = no error when value is null
Y = error when value is null
HWY = error when value is null only if the bridge carries highway traffic (Item 42a = 1, 4, 5, 6, 7, or 8)

Item #	Item Name	Null Value Error?
1	State Code	Y - FATAL
2	Highway Agency District	Y
3	County (Parish) Code	Y
4	Place Code	Y
5A	Record Type	Y - FATAL
5B	Route Signing Prefix	HWY
5C	Designated Level of Service	HWY
5D	Route Number	HWY
5E	Directional Suffix	HWY
6A	Features Intersected	Y
6B	Critical Facility Indicator	N
7	Facility Carried By Structure	Y
8	Structure Number	Y - FATAL
9	Location	Y
10	Inventory Rte, Min Vert Clearance	Y
11	Kilometerpoint	HWY
12	Base Highway Network	N
13A	LRS Inventory Route (edit disabled)	N
13B	Subroute Number (edit disabled)	N
16	Latitude	Y
17	Longitude	Y
19	Bypass/Detour Length	HWY
20	Toll	HWY
21	Maintenance Responsibility	HWY
22	Owner	Y
26	Functional Class Of Inventory Rte.	HWY
27	Year Built	HWY
28A	Lanes On Structure	Y
28B	Lanes Under Structure	Y
29	Average Daily Traffic	HWY
30	Year Of Average Daily Traffic	HWY
31	Design Load	HWY
32	Approach Roadway Width	HWY - FATAL
33	Bridge Median	HWY
34	Skew	HWY
35	Structure Flared	HWY
36A	Bridge Railings	HWY
36B	Transitions	HWY
36C	Approach Guardrail	HWY
36D	Approach Guardrail Ends	HWY
37	Historical significance	HWY
38	Navigation Control	HWY
39	Navigation Vertical Clearance	HWY
40	Navigation Horizontal Clearance	HWY
41	Structure Open/Posted/Closed	HWY
42A	Type of Service On Bridge	Y
42B	Type of Service Under Bridge	Y

Item #	Item Name	Null Value Error?
43A	Kind of Material/Design Main	Y
43B	Type of Design/Construction Main	Y
44A	Kind of Material/Design Approach	Y
44B	Type of Design/Construction Approach	Y
45	Number Of Spans In Main Unit	Y
46	Number Of Approach Spans	Y
47	Inventory Rte Total Horz Clearance	Y
48	Length Of Maximum Span	Y
49	Structure Length	Y - FATAL
50A	Left Curb/Sidewalk Width	HWY
50B	Right Curb/Sidewalk Width	HWY
51	Bridge Roadway Width Curb-To-Curb	HWY
52	Deck Width, Out-To-Out	Y - FATAL
53	Min Vert Clear Over Bridge Roadway	Y
54A	Reference Feature	Y
54B	Minimum Vertical Underclearance	Y
55A	Reference Feature	Y
55B	Minimum Lateral Underclearance	Y
56	Min Lateral Underclear on Left	Y
58	Deck	HWY - FATAL
59	Superstructure	HWY - FATAL
60	Substructure	HWY - FATAL
61	Channel/Channel Protection	HWY
62	Culverts	HWY - FATAL
63	Method Used To Determine Operating Rating	HWY
64	Operating Rating	HWY
65	Method Used To Determine Inventory Rating	HWY
66	Inventory Rating	HWY
67	Structural Evaluation	N
68	Deck Geometry	N
69	Underclear, Vertical & Horizontal	N
70	Bridge Posting	HWY
71	Waterway Adequacy	HWY
72	Approach Roadway Alignment	HWY
75A	Type of Work Proposed	HWY
75B	Work Done By	HWY
76	Length Of Structure Improvement	N
90	Inspection Date	HWY
91	Designated Inspection Frequency	HWY
92A	Fracture Critical Details	HWY
92B	Underwater Inspection	HWY
92C	Other Special Inspection	HWY
93A	Fracture Critical Details Date	N
93B	Underwater Inspection Date	N
93C	Other Special Inspection Date	N
94	Bridge Improvement Cost	N
95	Roadway Improvement Cost	N
96	Total Project Cost	N
97	Year Of Improvement Cost Estimate	N
98A	Neighboring State Code	N
98B	Percent Responsibility	N
99	Border Bridge Structure Number	N
100	STRAHNET Highway Designation	HWY
101	Parallel Structure Designation	HWY

Item #	Item Name	Null Value Error?
102	Direction Of Traffic	HWY
103	Temporary Structure Designation	N
104	Highway System Of Inventory Route	HWY - FATAL
105	Federal Lands Highways	HWY
106	Year Reconstructed	N
107	Deck Structure Type	HWY
108A	Type of Wearing Surface	HWY
108B	Type of Membrane	HWY
108C	Deck Protection	HWY
109	Average Daily Truck Traffic	N
110	Designated National Network	HWY
111	Pier/Abutment Protection	N
112	NBIS Bridge Length	HWY
113	Scour Critical Bridges	HWY
114	Future Average Daily Traffuc	HWY
115	Year Of Future Avg Daily Traffic	HWY
116	Min Navig Vertical Clear Vertical Lift Br	N

The data fields for Inventory Rating and Operating Rating are each three digits. A rating factor greater than 3.0 exceeds three digits when converted to metric tons for storage. Therefore, rating factors greater than 3.0 are stored as 3.0.

Item #	Error Description	Explanation
64	ITEM 64 - THE OPERATING RATING IS > 3. THE VALUE HAS BEEN STORED AS 3.	If 63 or 65 > 5 and 64 or 66 > 3.0 Then the value is stored as a 3.0
66	ITEM 66 - THE INVENTORY RATING IS > 3. THE VALUE HAS BEEN STORED AS 3.	If 63 or 65 > 5 and 64 or 66 > 3.0 Then the value is stored as a 3.0

The following flags may indicate coding errors, but may also be exceptions due to unusual structure configuration. These flags require follow-up to verify that there are no errors in coding.

Item #	Error Description	Exceptions
51	ITEM 51 - ITEM 51 MUST NOT BE GREATER THAN ITEM 52.	Unusual configurations
43B	ITEM 43B - ITEM 51 = 0 SO ITEM 43B MUST BE CODED 19.	Unusual configurations
43B	ITEM 43B - ITEM 52 = 0 SO ITEM 43B MUST BE CODED 19.	Unusual configurations

The following flags may indicate an incorrect owner code or duplicate reporting. These flags require follow-up to verify that there are no errors in coding and that the same bridge is not being submitted by two entities.

Item #	Submitted By	Error Description
22	State	Federal owner code (Item 22 = 54 to 79)
22	Federal or Tribal	Owner code does not match Submitted By code and is not 40 (Other Public Entity)