

INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE INSPECTION PROGRAM

★
★ **CODING GUIDE** ★
★



★
★ ***BRAGI*** ★
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Bridge Reporting for Appraisal & Greater Inventory

Volume III: Other INDOT Items

November 2011

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<u>Item Number</u>	<u>Item Name</u>	<u>BRAGI Volume</u>	<u>Page No.</u>
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INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX NBIS Underrec.: Yes

Description: **TUTORIAL**

Instructions: In the background (gray-scale) is a typical Volume II and Volume III BRAGI page. See the next page (ii) for a template: the typical Volume II and Volume III BRAGI format illustrated with labels ("a", "b", "c", etc.) for all of the different data positions. The pages following that template (iii to xx) provide instructions and explanations for each of the different area labels ("a", "b", "c", etc.).

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:	a	Item Name:	b
Main Tab/Sub Tab:	c	Misc. Fields:	d
Main Tab/Sub Tab:	c	Misc. Fields:	d
Main Tab/Sub Tab:	c	Misc. Fields:	d
Main Tab/Sub Tab:	c	Misc. Fields:	d
NBIS: <input type="checkbox"/> Yes e	Toll Road: <input checked="" type="checkbox"/> Yes g	Input Format: <input checked="" type="checkbox"/> Drop-Down i	<input checked="" type="checkbox"/> Manual j
INDOT: <input checked="" type="checkbox"/> Yes f	County/Local: <input checked="" type="checkbox"/> Yes h	XXXX.XX k	<input checked="" type="checkbox"/> Check Box l <input checked="" type="checkbox"/> Read-Only m

Description: **o**

Instructions: **p**

Notes: **q**

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: a **Item Name:**

Main Tab/Sub Tab: **Misc. Fields:**

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXX.XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This is the Item Number. It may be a number, a letter, or a combination of numbers and letters.

Instructions: For composite items (several interrelated items with the same number but different letter suffixes) there will often be a "cover page" listing the number by itself without any letter suffix. The purpose of the "cover page" is to introduce the reader to that particular item series (number only); specific instructions on the individual component items of that series (number + letter) are given on additional pages and labeled accordingly.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

b

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes

Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes

County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: This is the Item Name. Typically, it will correspond to the labeling of the item in the database.

Instructions: Where the item appears in different locations in the database with slightly different nomenclatures, the most prevalent may be used here, or possibly a variation may be listed here (even if it doesn't exactly match the database nomenclature) for the sake of clarity in presenting the item.

Because of space limitations, abbreviations will often be used to allow the Item Name to fit in location "b" as shown. These abbreviations do not follow any set pattern, but vary as required by considerations for clarity and available space. The full item name will be given in the Item Description in location "o"; the reader should consult this description if any of the abbreviations in "b" are not immediately obvious.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab: **c**

Misc. Fields:

NBIS: Yes **Toll Road:** Yes

Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

XXXX.XXXX Check Box Read-Only

Description: This is the Item Location in the database. It is described by specifying the Main Tab (from the top row of tabs) followed by a slash and then the Sub Tab (from the bottom row of tabs associated with the chosen Main Tab). The item can be found on the database Main Tab/Sub Tab page as listed here.

Instructions: Because an item can appear in numerous locations in the database, multiple Main Tab/Sub Tab pages can be specified here (up to four). For cases where more than four locations occur, see the following page for an additional formatting option.

Occasionally, a Main Tab/Sub Tab will be repeated (e.g., of four locations listed, three are unique and one is a repeat). Typically, this is done in order to present additional information about Miscellaneous Fields associated with that Main Tab/Sub Tab location. If there are multiple Miscellaneous Fields (e.g., check boxes, comment boxes, date boxes) pertaining to that Main Tab/Sub Tab location, they might not all fit in a single Misc. Fields line (position "d"). Therefore, the Miscellaneous Fields will be broken up into multiple lines and the Main Tab/Sub Tab location will be repeated so that it is clear which Miscellaneous Field is associated with which location. Generally, this does not imply that the item itself has multiple appearances on a given Main Tab/Sub Tab page. Refer to instructions for Misc. Fields ("d") for more information.

Lines that are not used will be left empty, as indicated by a hyphen. For example, if the item only occurs on two Main Tab/Sub Tab pages, then the bottom two Main Tab/Sub Tab lines will be empty.

Because of space limitations, abbreviations will often be used to allow the Main Tab/Sub Tab name to fit in location "c" as shown. These abbreviations do not follow any set pattern, but vary as required by considerations for clarity and available space. The reader should consult the database if any of the abbreviations in "c" are not immediately obvious. It should be noted that abbreviations are also sometimes used in the database for the tab labels, and these may or may not match the abbreviations used in "c". Also, the convention is adopted that under the "SI&A" Main Tab, the Sub Tab labeled "NBI Summary" is instead referred to as "All"; thus, its Main Tab/Sub Tab designation is "SI&A/All".

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab: c

Main/Sub Tab: c

Main Tab/Sub Tab: c

Main/Sub Tab: c

Main Tab/Sub Tab: c

Misc. Fields:

Main Tab/Sub Tab: c

Misc. Fields:

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: This is the Item Location in the database. It is described by specifying the Main Tab (from the top row of tabs) followed by a slash and then the Sub Tab (from the bottom row of tabs associated with the chosen Main Tab). The item can be found on the database Main Tab/Sub Tab page as listed here.

Instructions: Because an item can appear in numerous locations in the database, multiple Main Tab/Sub Tab pages can be specified here (up to eight). The format of this sample BRAGI page would allow for six Main Tab/Sub Tab locations; Miscellaneous Fields associated with two Main Tab/Sub Tab locations could also be specified. The typical BRAGI format is shown on the previous page, with four Main Tab/Sub Tab locations and an associated Misc. Fields (position "d") for each. However, the number of Main Tab/Sub Tab pages can vary by eliminating Misc. Fields lines in order to accommodate a maximum of eight Main Tab/Sub Tab locations.

Lines that are not used will be left empty, as indicated by a hyphen. For example, with a BRAGI page in this format, if the item occurs on five Main Tab/Sub Tab pages, then the second row, second column Main/Sub Tab line will be empty.

Because of space limitations, abbreviations will often be used to allow the Main Tab/Sub Tab name to fit in location "c" as shown. These abbreviations do not follow any set pattern, but vary as required by considerations for clarity and available space. The reader should consult the database if any of the abbreviations in "c" are not immediately obvious. It should be noted that abbreviations are also sometimes used in the database for the tab labels, and these may or may not match the abbreviations used in "c". Also, the convention is adopted that under the "SI&A" Main Tab, the Sub Tab labeled "NBI Summary" is instead referred to as "All"; thus, its Main Tab/Sub Tab designation is "SI&A/All".

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields: d

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: These are the Misc. Fields associated with the Main Tab/Sub Tab previously described (position "c"). Miscellaneous Fields may include check boxes, comment boxes, date boxes, and any other data associated with the Item Number being presented but not actually possessing its own unique item number.

Instructions: Multiple Miscellaneous Fields may be listed on a given line (as many as will fit); all of these would be associated with the Main Tab/Sub Tab location directly to the left (position "c"). Because of space limitations, abbreviations will often be used to allow the various Miscellaneous Fields to fit in position "d" as shown. These abbreviations do not follow any set pattern, but vary as required by considerations for clarity and available space.

Occasionally, a Main Tab/Sub Tab will be repeated (e.g., of four locations listed, three are unique and one is a repeat). Typically, this is done in order to present additional information about Miscellaneous Fields associated with that Main Tab/Sub Tab location. If there are multiple Miscellaneous Fields (e.g., check boxes, comment boxes, date boxes) pertaining to that Main Tab/Sub Tab location, they might not all fit in a single Misc. Fields line (position "d"). Therefore, the Miscellaneous Fields will be broken up into multiple lines and the Main Tab/Sub Tab location will be repeated so that it is clear which Miscellaneous Field is associated with which location. Generally, this does not imply that the item itself has multiple appearances on a given Main Tab/Sub Tab page.

Typically, there are four lines available for Misc. Fields listings (opposite the four lines for Main Tab/Sub Tab). For an additional formatting option, see the following page.

Lines that are not used will be left empty, as indicated by a hyphen. For example, if the item occurs on four Main Tab/Sub Tab pages, but there are only Miscellaneous Fields associated with two of the tabs, then the bottom two Misc. Fields lines will be empty.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Main/Sub Tab:

Main Tab/Sub Tab:

Main/Sub Tab:

Main Tab/Sub Tab:

Misc. Fields: d

Main Tab/Sub Tab:

Misc. Fields: d

NBIS: Yes **Toll Road:** Yes

Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

XXXX.XXXX Check Box Read-Only

Description: These are the Misc. Fields associated with the Main Tab/Sub Tab previously described (position "c"). Miscellaneous Fields may include check boxes, comment boxes, date boxes, and any other data associated with the Item Number being presented but not actually possessing its own unique item number.

Instructions: Multiple Miscellaneous Fields may be listed on a given line (as many as will fit); all of these would be associated with the Main Tab/Sub Tab location directly to the left (position "c"). Because of space limitations, abbreviations will often be used to allow the various Miscellaneous Fields to fit in position "d" as shown. These abbreviations do not follow any set pattern, but vary as required by considerations for clarity and available space.

Because an item can appear in numerous locations in the database, multiple Main Tab/Sub Tab pages can be specified (up to eight). The format of this sample BRAGI page would allow for six Main Tab/Sub Tab locations; therefore, Miscellaneous Fields associated with two Main Tab/Sub Tab locations could be specified. The typical BRAGI format is shown on the previous page, with four Main Tab/Sub Tab locations (position "c") and an associated Misc. Fields for each. However, the number of Main Tab/Sub Tab pages can vary by eliminating Misc. Fields lines in order to accommodate a maximum of eight Main Tab/Sub Tab locations (consequently, with no Misc. Fields).

Lines that are not used will be left empty, as indicated by a hyphen. For example, with a BRAGI page in this format, if the item occurs on six Main Tab/Sub Tab pages, but there are only Miscellaneous Fields associated with one of the tabs, then the bottom Misc. Fields line will be empty.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes No **Toll Road:** Yes No

INDOT: Yes No **County/Local:** Yes No

Input Format: Drop-Down Manual

XXXX.XXXX Check Box Read-Only

Description: The NBIS Check Box indicates whether this item and the data recorded for it are required for the National Bridge Inventory (NBI) as established by the National Bridge Inspection Standards (NBIS). Essentially, this indicates if the item is found in the FHWA Coding Guide.

Instructions: Typically, non-FHWA items are found in Volume II and Volume III of BRAGI. However, some non-FHWA items that are integrally related to an existing FHWA series may be retained in Volume I rather than breaking up the series; standalone items that are more loosely related to an existing FHWA series will be found in Volume II.

Therefore, this box will typically not be checked for Volumes II and III as all of the FHWA items are contained in Volume I.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes ^f County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: The INDOT Check Box indicates whether this item and the data recorded for it are required for bridges under the jurisdiction of INDOT.

Instructions: If the NBIS box is not checked and the INDOT box is checked, the item will probably be found in either Volume II or Volume III.

Volume II contains items related to, but not part of, FHWA numeric series; Volume III contains items not related to FHWA numeric series (e.g., 500 or 600 series).

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes Toll Road: Yes ^g

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: The Toll Road Check Box indicates whether this item and the data recorded for it are required for bridges under the jurisdiction of the Indiana Toll Road.

Instructions: If the NBIS box is not checked and the Toll Road box is checked, the item will probably be found in either Volume II or Volume III.

Volume II contains items related to, but not part of, FHWA numeric series; Volume III contains items not related to FHWA numeric series (e.g., 500 or 600 series).

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes

Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes

County/Local: Yes ^h

XXXX.XXXX Check Box Read-Only

Description: The County/Local Check Box indicates whether this item and the data recorded for it are required for bridges under the jurisdiction of a County or other Local Agency.

Instructions: If the NBIS box is not checked and the County/Local box is checked, the item will probably be found in either Volume II or Volume III.

Volume II contains items related to, but not part of, FHWA numeric series; Volume III contains items not related to FHWA numeric series (e.g., 500 or 600 series).

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes

Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes

County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: The Drop-Down Check Box indicates whether the data for a particular item is entered by the user through a drop-down list (a series of choices, usually different codes, which appear by clicking in the item field).

Instructions: The term "Drop-Down" is intended to include both standard drop-downs (a triangle to the right of the field indicates that a list of choices will appear once the user clicks in the field) as well as hidden drop-downs (there is no triangle indicating that it is a drop-down field, but once the user clicks in the field a drop-down list or, very often, a calendar box, appears).

Note that the BRAGI page for any item is written for a specific audience: the individual with the appropriate permissions to access and modify the data in that particular field. If certain classes of individuals do not have access to a specific item, this may be noted in the Instructions ("p") or in the Notes ("q"). For example, Load Raters and Administrators can access certain fields that the Inspector cannot.

There may be occasions where an item is Read-Only in a certain location (e.g., Under-Records tab) because it is mirroring information that was entered for that item on a different tab. There may also be occasions where one type of input is used for an item on one tab but a different kind of input is used for that same item in a different location (different tab). In that case all applicable Input Format Check Boxes will be checked, and the tabs with non-typical (less prevalent) input formats will be indicated with parenthesis next to the Main Tab/Sub Tab page (position "c") as follows: (RO) for Read-Only, (DD) for Drop-Down, and (M) for Manual.

The format indicated by the check box is intended to describe only the item field itself, not any Miscellaneous Fields associated with the item. The format of these ancillary fields will vary: it may be manual entry for a comment field (i.e., text box), or it may be a hidden drop-down for a date (calendar) box, or it may be a check box to indicate if this item rating governs some overall rating, etc. The format of Miscellaneous Fields will usually be obvious from the general description given in Misc. Fields (location "d"); if not obvious, the user should go into the database to investigate the various fields associated with the given Item Number.

Notes: Because the input format can vary for component segments of composite items, the "cover page" item Input Format Check Boxes are deliberately left blank; the reader must see the BRAGI page for the particular item segment for input format information.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes **Toll Road:** Yes

INDOT: Yes **County/Local:** Yes

Input Format: Drop-Down Manual *j*

XXXX.XXXX Check Box Read-Only

Description: The Manual Check Box indicates whether the data for a particular item is entered by the user through a text box via manual entry (typing in data directly as opposing to choosing an option from a drop-down list).

Instructions: Note that the BRAGI page for any item is written for a specific audience: the individual with the appropriate permissions to access and modify the data in that particular field. If certain classes of individuals do not have access to a specific item, this may be noted in the Instructions (“p”) or in the Notes (“q”). For example, Load Raters and Administrators can access certain fields that the Inspector cannot.

There may be occasions where an item is Read-Only in a certain location (e.g., Under-Records tab) because it is mirroring information that was entered for that item on a different tab. There may also be occasions where one type of input is used for an item on one tab but a different kind of input is used for that same item in a different location (different tab). In that case all applicable Input Format Check Boxes will be checked, and the tabs with non-typical (less prevalent) input formats will be indicated with parenthesis next to the Main Tab/Sub Tab page (position “c”) as follows: (RO) for Read-Only, (DD) for Drop-Down, and (M) for Manual.

The format indicated by the check box is intended to describe only the item field itself, not any Miscellaneous Fields associated with the item. The format of these ancillary fields will vary: it may be manual entry for a comment field (i.e., text box), or it may be a hidden drop-down for a date (calendar) box, or it may be a check box to indicate if this item rating governs some overall rating, etc. The format of Miscellaneous Fields will usually be obvious from the general description given in Misc. Fields (location “d”); if not obvious, the user should go into the database to investigate the various fields associated with the given Item Number.

Notes: Because the input format can vary for component segments of composite items, the “cover page” item Input Format Check Boxes are deliberately left blank; the reader must see the BRAGI page for the particular item segment for input format information.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes **Toll Road:** Yes

INDOT: Yes **County/Local:** Yes

Input Format: Drop-Down Manual

XXXX.XX k Check Box Read-Only

Description: The Input Format Digits indicates how many alphanumeric characters are contained in the database value for a given item.

Instructions: Note that units are not usually indicated here, only the length of the data. Units are typically indicated in the Description ("o") or Instructions ("p"). One occasion where units are shown in "k" is when the units are mixed: XX ft. XX in. Also note that digits are only indicated for the numbered BRAGI item, not any associated ancillary fields (Misc. Fields).

Often for drop-down format items, there will be a single numeric or alpha character (X), or possibly a code of two (XX) or three (XXX) characters. For manual entry items, there will often be a fixed quantity of numeric digits before the decimal place and a fixed quantity of numeric digits after the decimal place (e.g., XX.X or XXXX.XXX). The information in "k" helps the reader to remember to add leading or trailing zeros or spaces when inputting data so as to use up the correct number of digits. The Instructions (position "p") also mention whether leading or trailing zeros or spaces are required (i.e., whether the item format is right-justified or left-justified, respectively). Note that whether each X must be alpha or numeric or either is not explicitly indicated by the Input Format Digits given in "k"; rather the reader must consult the Instructions (location "p") for a more thorough description of the data format for that particular item.

For items with too many digits to fit in location "k" as shown, the following convention is adopted. There will be an X, an ellipse, another X, and then the total number of required digits in parenthesis. For example, a field that needs 15 alphanumeric characters would be indicated by X...X(15).

For items with unlimited input (usually manual entry text boxes such as comment fields), the following convention is adopted. There will be an X followed by an ellipse; this indicates that an infinite number of characters could be entered for the field in question (i.e., X...).

If, for some reason, the Input Format Digits is not applicable, that will be indicated by "N/A" in the location shown (e.g., if the item format is a check box).

Notes: Because the input format can vary for component segments of composite items, the "cover page" item Input Format Digits is deliberately left blank; the reader must see the BRAGI page for the particular item segment for input format information. Also, note that INDOT collects data in the Imperial System of units.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes **Toll Road:** Yes

Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

XXXX.XXXX Check Box | Read-Only

Description: The Check Box Check Box indicates whether the data for a particular item is entered by the user with a check box.

Instructions: Note that the BRAGI page for any item is written for a specific audience: the individual with the appropriate permissions to access and modify the data in that particular field. If certain classes of individuals do not have access to a specific item, this may be noted in the Instructions (“p”) or in the Notes (“q”). For example, Load Raters and Administrators can access certain fields that the Inspector cannot.

There may be occasions where an item is Read-Only in a certain location (e.g., Under-Records tab) because it is mirroring information that was entered for that item on a different tab. There may also be occasions where one type of input is used for an item on one tab but a different kind of input is used for that same item in a different location (different tab). In that case all applicable Input Format Check Boxes will be checked, and the tabs with non-typical (less prevalent) input formats will be indicated with parenthesis next to the Main Tab/Sub Tab page (position “c”) as follows: (RO) for Read-Only, (DD) for Drop-Down, and (M) for Manual.

The format indicated by the check box is intended to describe only the item field itself, not any Miscellaneous Fields associated with the item. The format of these ancillary fields will vary: it may be manual entry for a comment field (i.e., text box), or it may be a hidden drop-down for a date (calendar) box, or it may be a check box to indicate if this item rating governs some overall rating, etc. The format of Miscellaneous Fields will usually be obvious from the general description given in Misc. Fields (location “d”); if not obvious, the user should go into the database to investigate the various fields associated with the given Item Number.

Notes: Because the input format can vary for component segments of composite items, the “cover page” item Input Format Check Boxes are deliberately left blank; the reader must see the BRAGI page for the particular item segment for input format information.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes

Toll Road: Yes

Input Format: Drop-Down

Manual

INDOT: Yes

County/Local: Yes

XXXX.XXXX Check Box

Read-Only **m**

Description: The Read-Only Check Box indicates whether the data for a particular item is read-only for all users.

Instructions: Note that the BRAGI page for any item is written for a specific audience: the individual with the appropriate permissions to access and modify the data in that particular field. If certain classes of individuals do not have access to a specific item, this may be noted in the Instructions (“p”) or in the Notes (“q”). For example, Load Raters and Administrators can access certain fields that the Inspector cannot.

However, there may be occasions where an item is Read-Only in a certain location (e.g., Under-Records tab) because it is mirroring information that was entered for that item on a different tab. There may also be occasions where one type of input is used for an item on one tab but a different kind of input is used for that same item in a different location (different tab). In that case all applicable Input Format Check Boxes will be checked, and the tabs with non-typical (less prevalent) input formats will be indicated with parenthesis next to the Main Tab/Sub Tab page (position “c”) as follows: (RO) for Read-Only, (DD) for Drop-Down, and (M) for Manual.

The format indicated by the check box is intended to describe only the item field itself, not any Miscellaneous Fields associated with the item. The format of these ancillary fields will vary: it may be manual entry for a comment field (i.e., text box), or it may be a hidden drop-down for a date (calendar) box, or it may be a check box to indicate if this item rating governs some overall rating, etc. The format of Miscellaneous Fields will usually be obvious from the general description given in Misc. Fields (location “d”); if not obvious, the user should go into the database to investigate the various fields associated with the given Item Number.

Notes: Because the input format can vary for component segments of composite items, the “cover page” item Input Format Check Boxes are deliberately left blank; the reader must see the BRAGI page for the particular item segment for input format information.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: o

Instructions: The Description portion of the BRAGI page is used to give the reader a general idea of the item and its purpose. If the Item Name was abbreviated in position "b", the full name of the item will be found in the Description (position "o").

For items that require multiple BRAGI pages due to lengthy instructions, figures, etc., the Item Name will be repeated here (position "o") along with "continued" in parenthesis to indicate that the current BRAGI page is a continuation of the last item rather than a new item.

In these cases of multi-page items, all of the information at the top of the first page will be repeated on the continuation pages (positions "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "l", and "m"). However, Notes applicable to the item (position "q") will only be shown on the first item page and will not be repeated on subsequent pages.

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes

Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes

County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: The Instructions offer detailed guidance on the item applicability, drop-down choices or manual entry formatting, code meanings, etc. Figures, photos, or tables may be included, as well as expanded descriptions for various condition or appraisal ratings.

Instructions: p

Notes:

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:

Item Name:

Main Tab/Sub Tab:

Misc. Fields:

NBIS: Yes Toll Road: Yes

Input Format: Drop-Down Manual

INDOT: Yes County/Local: Yes

XXXX.XXXX Check Box Read-Only

Description: At the bottom of the BRAGI page the Notes can be found; this is a catch-all field. Often it will be left empty, as indicated by a hyphen.

Instructions: The Notes offer additional background on the item or on INDOT's use of it, helpful hints for the program user, known issues with the database, and any other pertinent information that was not included in the Description or Instructions (either because space didn't allow or, more usually, because the information did not really belong in positions "o" or "p" due to its non-critical nature).

For items that require multiple BRAGI pages due to lengthy instructions, figures, etc., the Item Name will be repeated in position "o" along with "continued" in parenthesis to indicate that the current BRAGI page is a continuation of the last item rather than a new item. All of the information at the top of the first page will be repeated on the continuation pages (positions "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "l", and "m"). However, Notes applicable to the item (position "q") will only be shown on the first item page and will not be repeated on subsequent pages.

Notes: q

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.01 **Item Name:** "MI Train Truck" Routes

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the bridge being inspected is on a "Michigan Train Truck" Route.

Instructions: Enter the appropriate answer from the drop-down menu below.

No
Yes

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.01 **Item Name:** "MI Train Truck" Routes

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

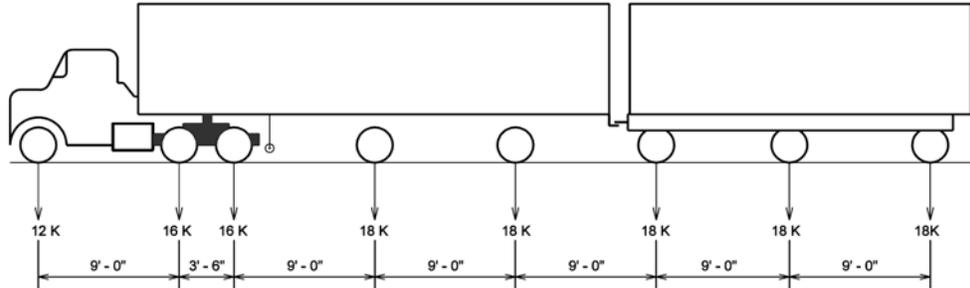
INDOT: Yes **County/Local:** Yes

Input Format: Drop-Down Manual

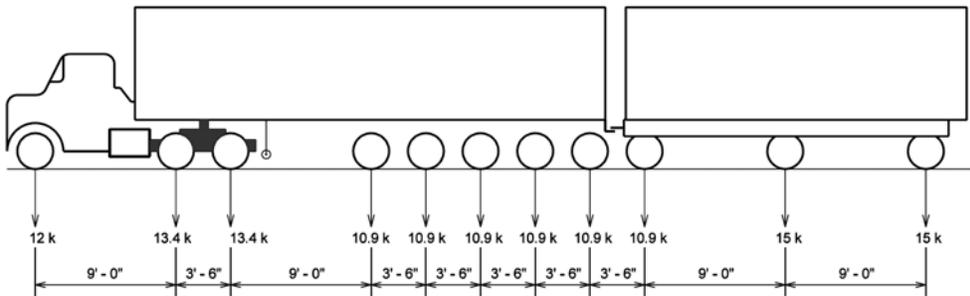
X Check Box Read-Only

Description: "Michigan Train Truck" Routes (continued)

Instructions: See the figures below for information on the Michigan Train Truck.



**MICHIGAN TRAIN
TRUCK NUMBER 5
GROSS WEIGHT = 134,000 lbs.**



**MICHIGAN TRAIN
MODIFIED TRUCK NUMBER 8
GROSS WEIGHT = 134,200 lbs.**

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.01 **Item Name:** "MI Train Truck" Routes

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

INDOT: Yes **County/Local:** Yes

Input Format: Drop-Down Manual

X Check Box Read-Only

Description: "Michigan Train Truck" Routes (continued)

Instructions: See the map below for Michigan Train Truck Routes in Indiana.



Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the bridge being inspected is on a "Heavy Duty Truck Route".

Instructions: Enter the appropriate answer from the drop-down menu below.

No
Yes

Notes/Issues: This is mislabeled as 501.01 on Load Rating/Struc. Data (1) Tab.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

INDOT: Yes **County/Local:** Yes

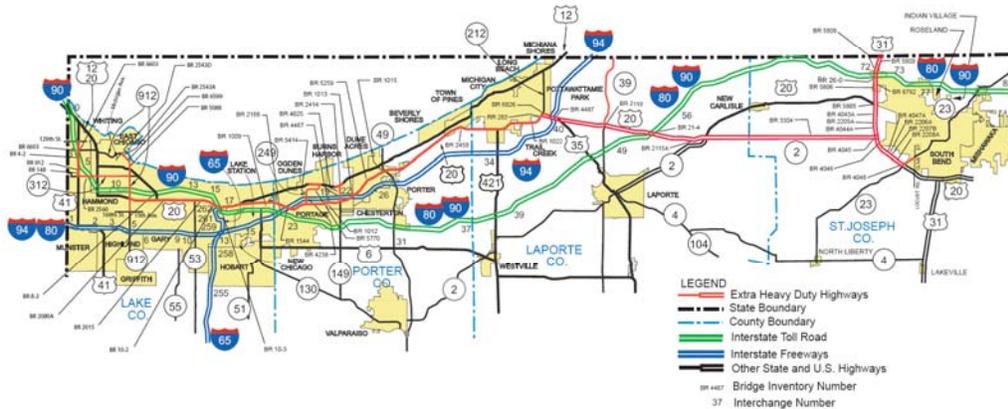
Input Format: Drop-Down Manual

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the map below for Heavy Duty Truck Routes in Indiana.

INDIANA EXTRA HEAVY DUTY HIGHWAYS



Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

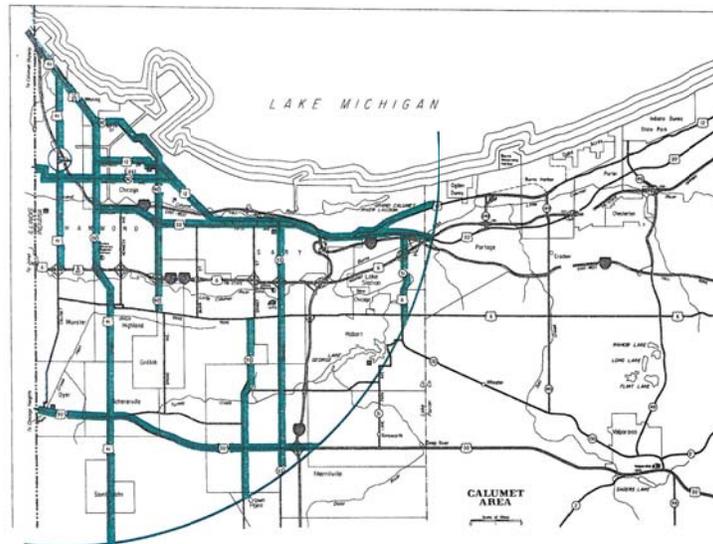
Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



5

Exit 5

Note that the following are excluded: All Interstate Highways, Indiana Harbor Canal Lift Bridges, and SR 51 Northbound between US 20 and I-94.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

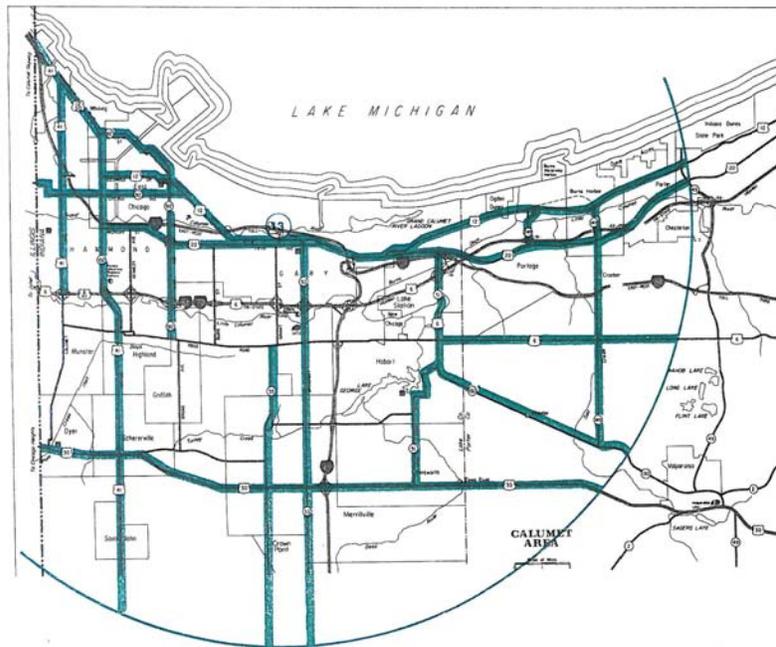
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



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Exit 13

Note that the following are excluded: All Interstate Highways, Indiana Harbor Canal Lift Bridges, and SR 51 Northbound between US 20 and I-94.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



17

Exit 17

Note that the following are excluded: All Interstate Highways, Indiana Harbor Canal Lift Bridges, and SR 51 Northbound between US 20 and I-94.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

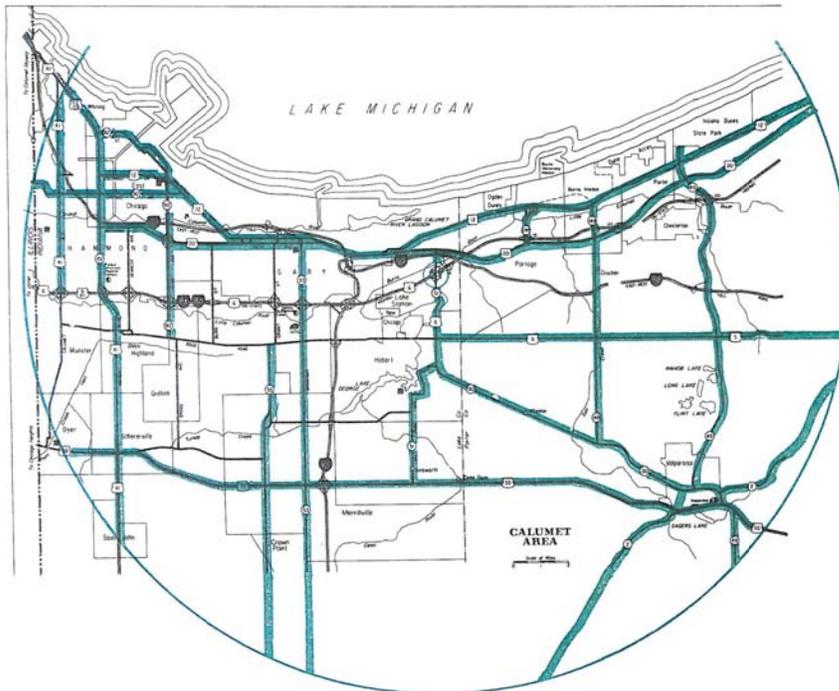
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



21

Exit 21

Note that the following are excluded: All Interstate Highways, Indiana Harbor Canal Lift Bridges, and SR 51 Northbound between US 20 and I-94.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

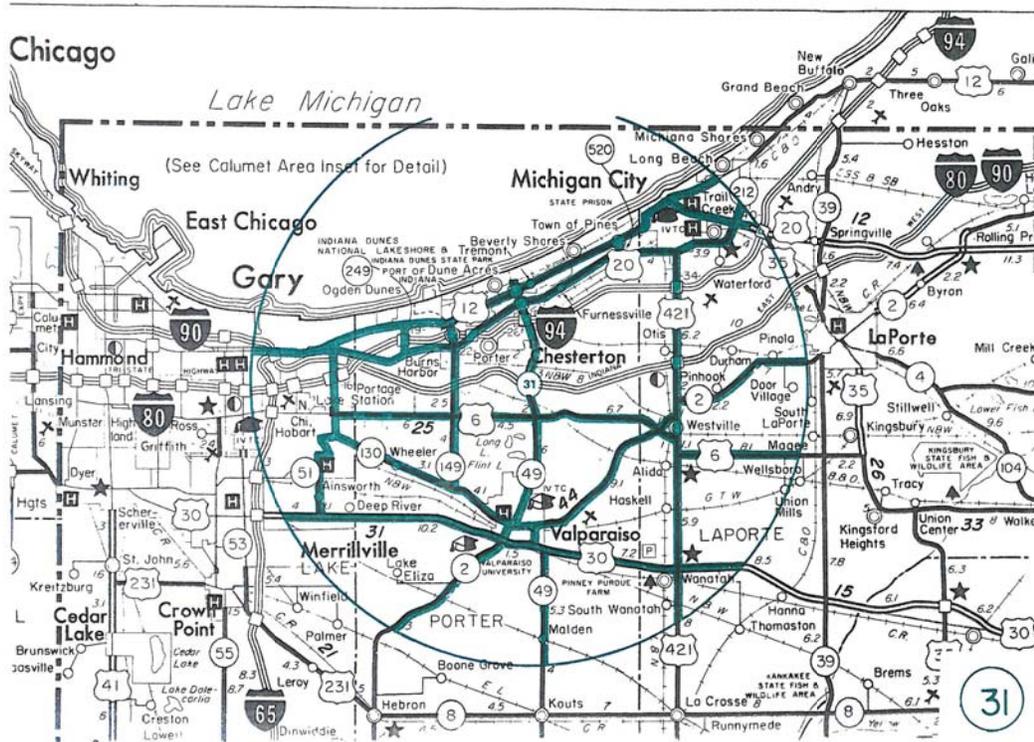
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 31

Note that the following are excluded: All Interstate Highways and SR 51 Northbound between US 20 and I-94.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

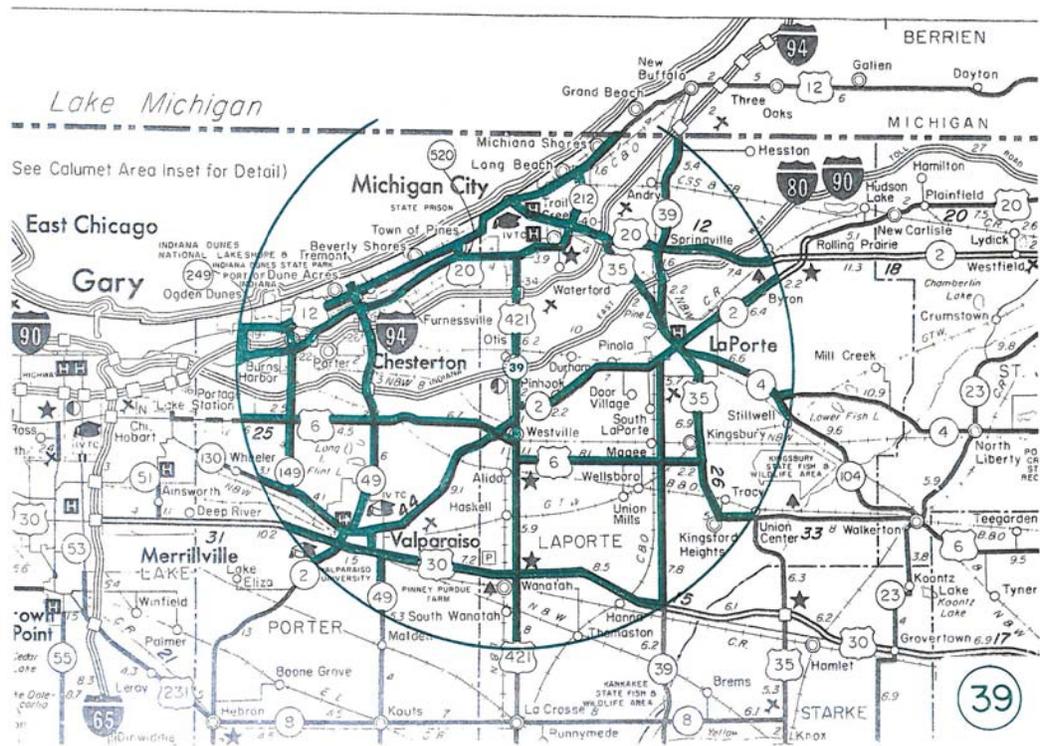
Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 39
Note that the following are excluded: All Interstate Highways.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

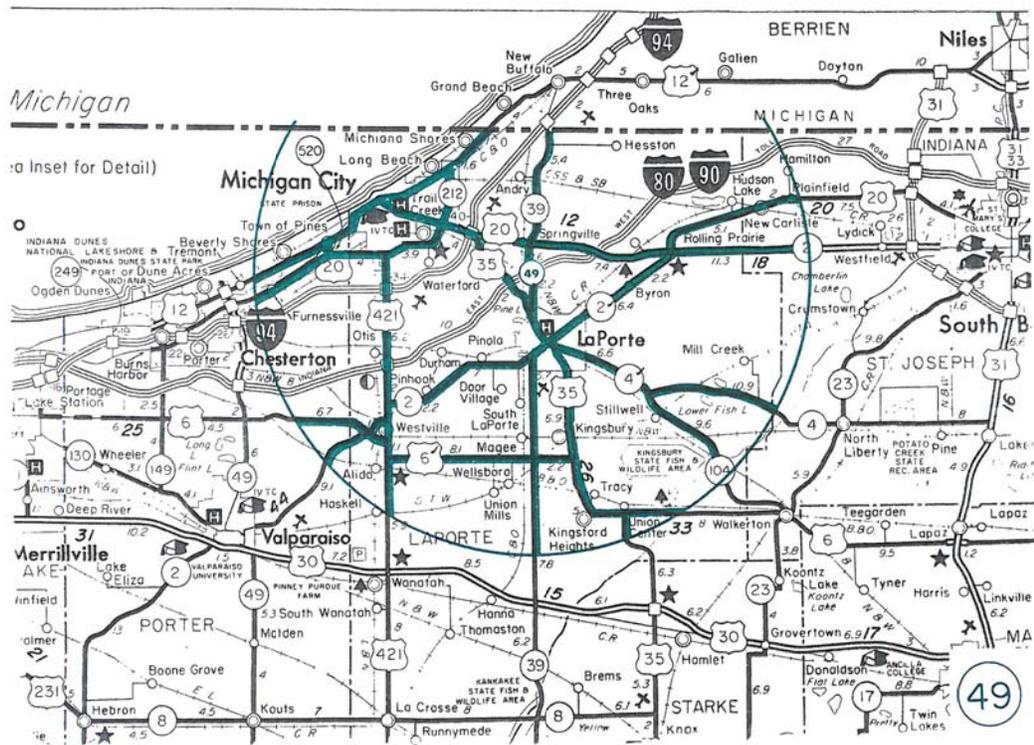
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 49

Note that the following are excluded: All Interstate Highways.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

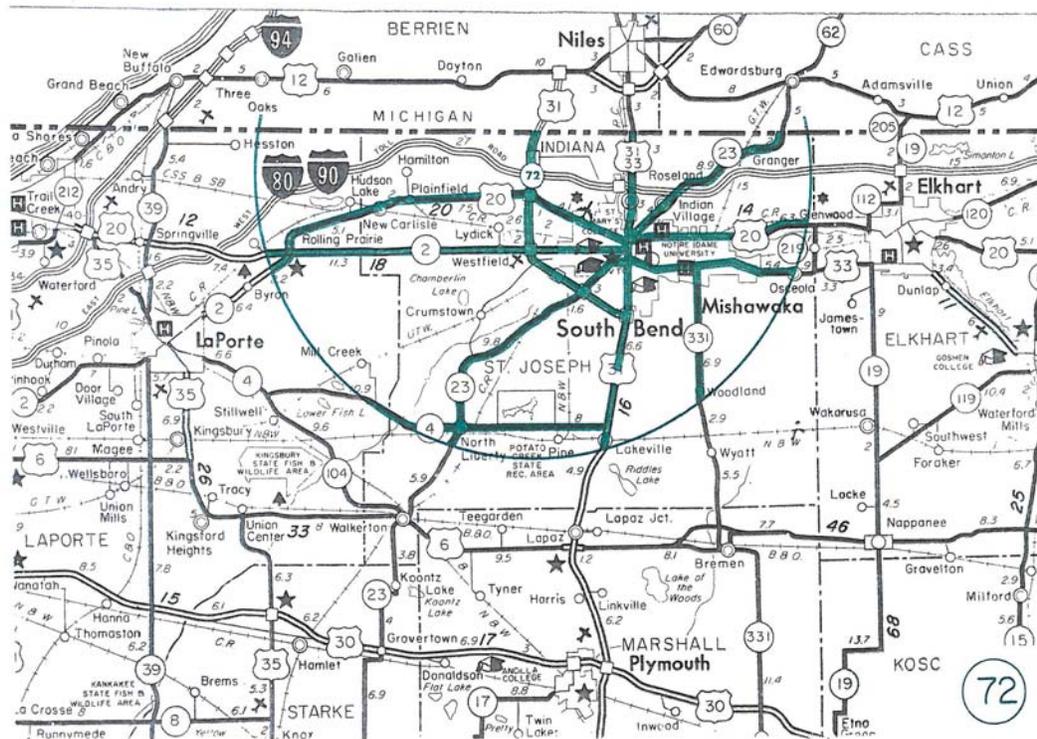
Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 72

Note that the following are excluded: All Interstate Highways and over posted height on SR 2 between US 31 and SR 23.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

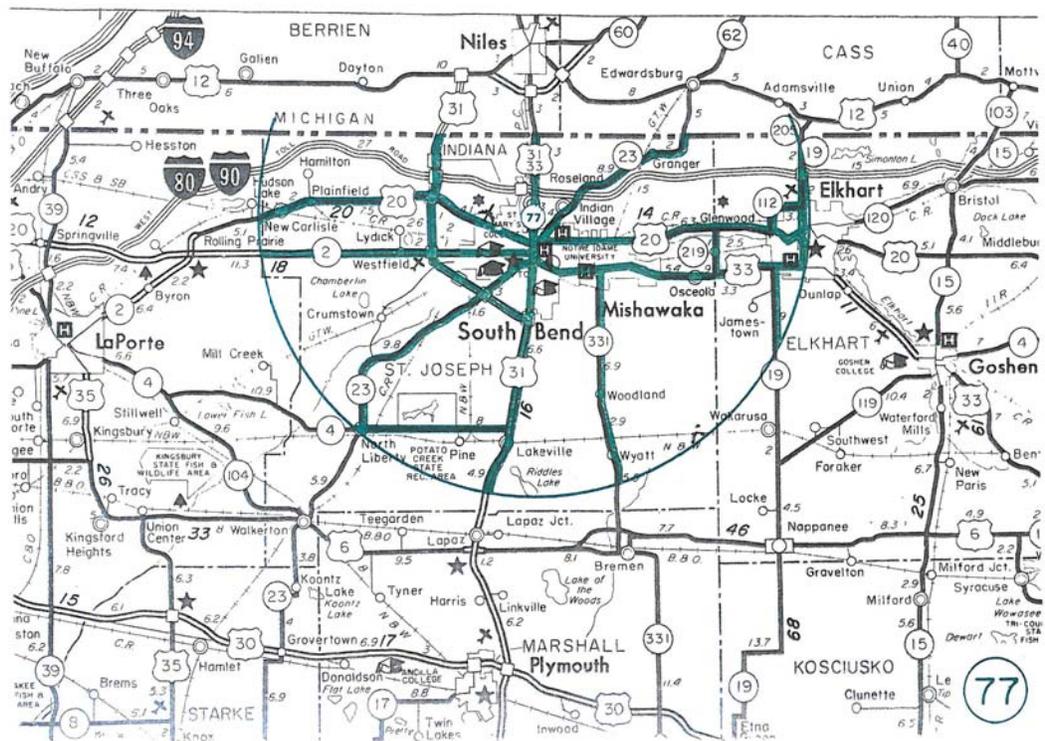
Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 77

Note that the following are excluded: All Interstate Highways and over posted height on SR 2 between US 31 and SR 23.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

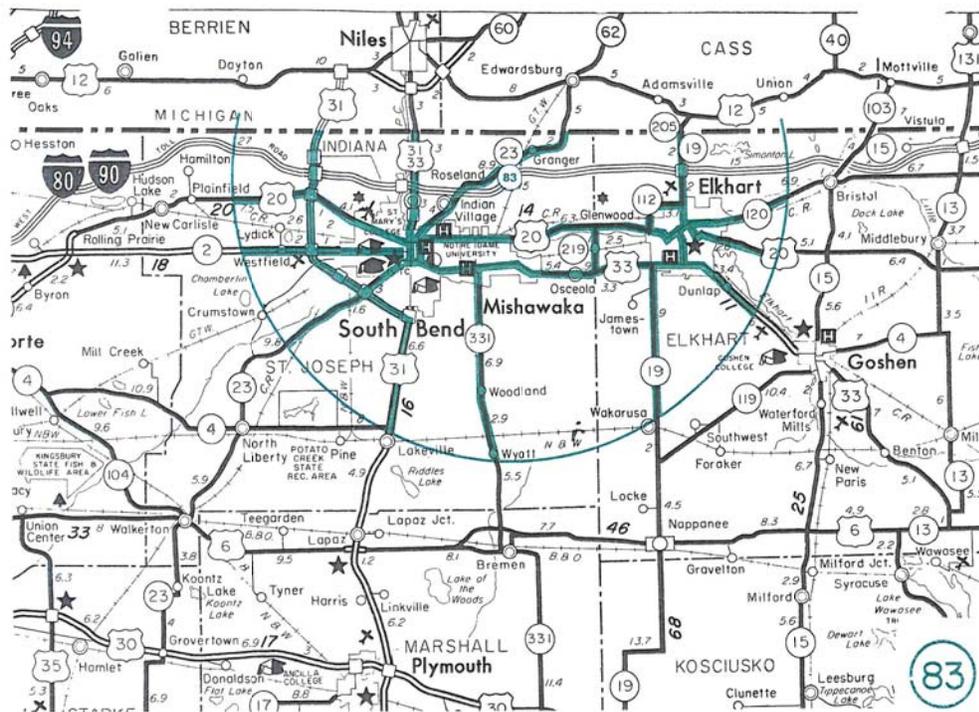
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 83

Note that the following are excluded: All Interstate Highways and over posted height on SR 2 between US 31 and SR 23.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

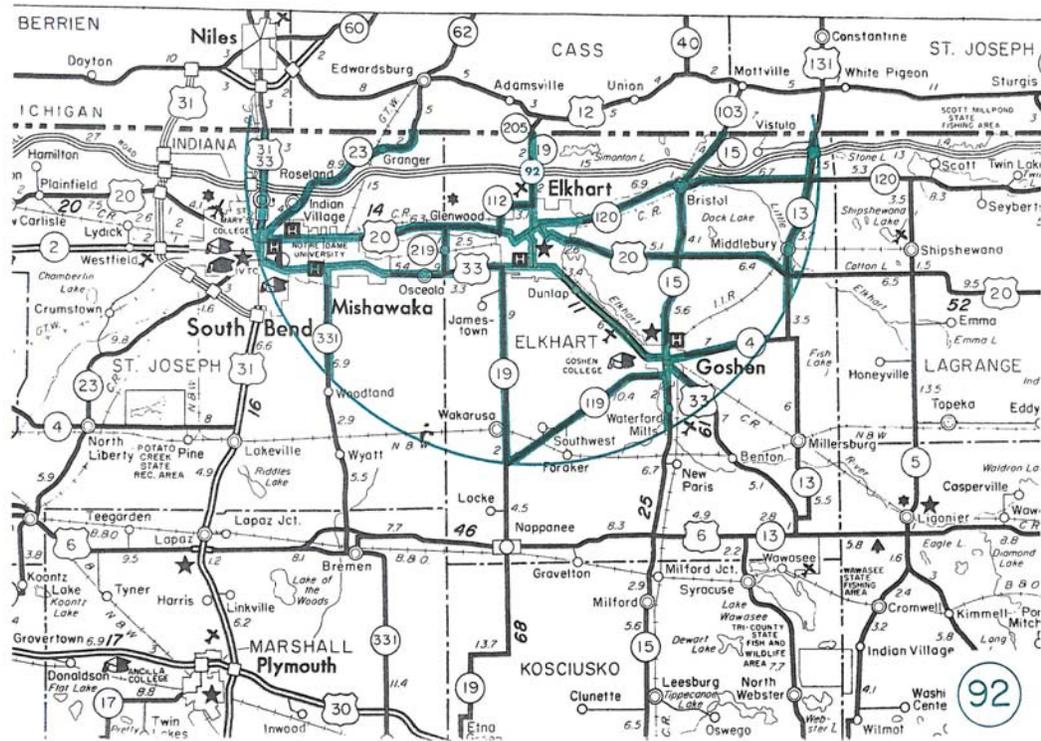
Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 92

Note that the following are excluded: All Interstate Highways.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

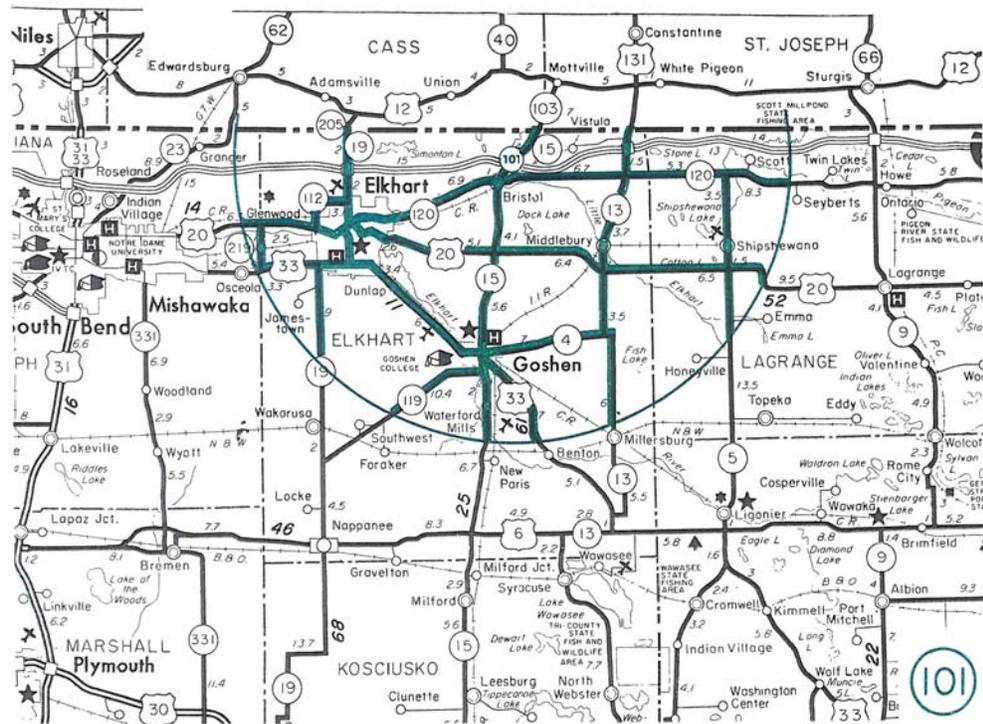
Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes **Input Format:** Drop-Down Manual

INDOT: Yes **County/Local:** Yes **X** Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 101

Note that the following are excluded: All Interstate Highways and any vehicles with an overall length in excess of 95 feet.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

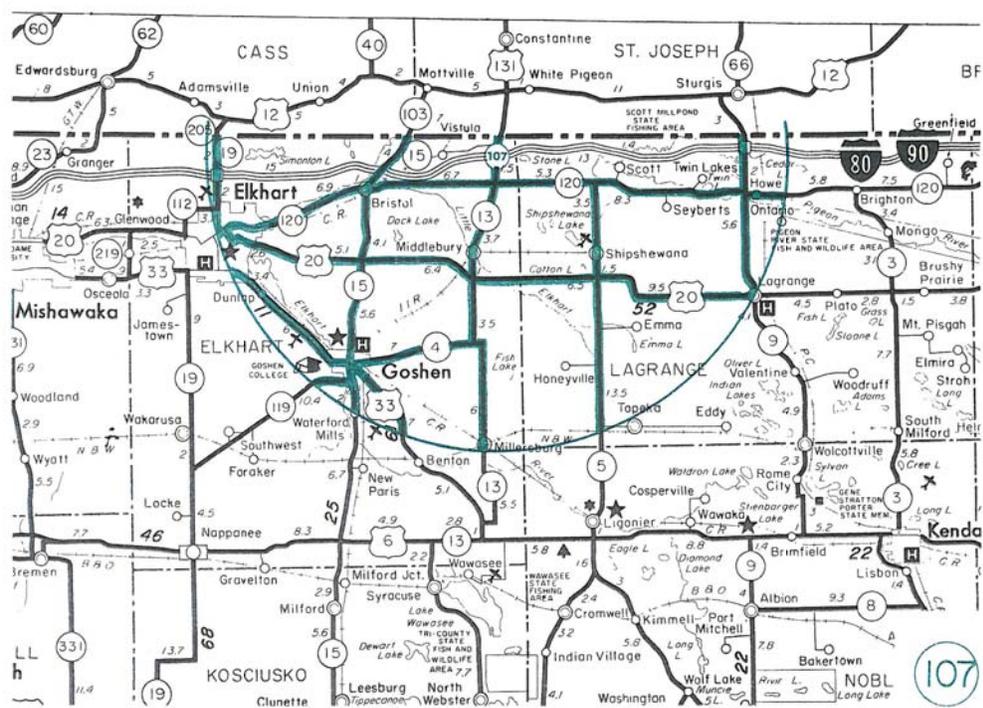
Input Format: Drop-Down Manual

INDOT: Yes **County/Local:** Yes

X Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 107

Note that the following are excluded: All Interstate Highways.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

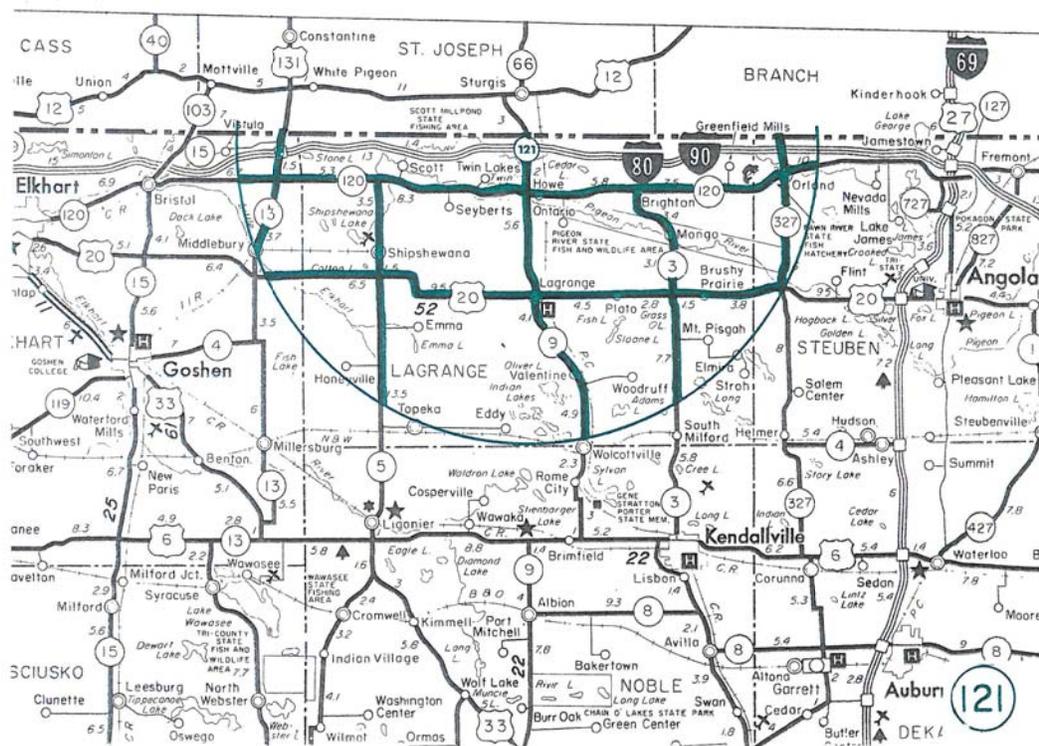
Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes **Input Format:** Drop-Down Manual

INDOT: Yes **County/Local:** Yes **X** Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 121

Note that the following are excluded: All Interstate Highways.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.02 **Item Name:** "Heavy Duty Truck Route"

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

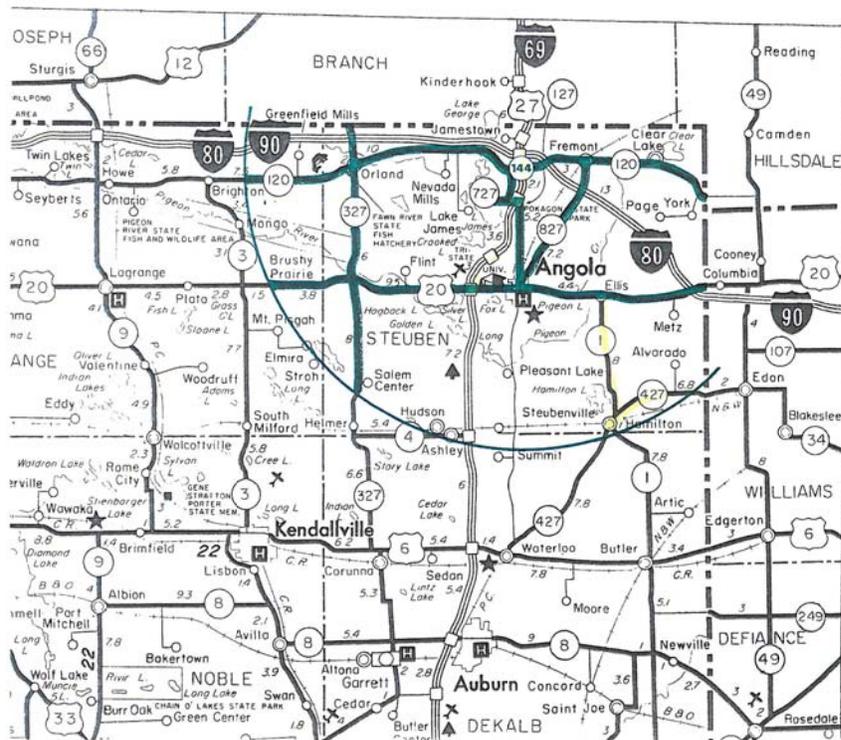
Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes **Input Format:** Drop-Down Manual

INDOT: Yes **County/Local:** Yes **X** Check Box Read-Only

Description: "Heavy Duty Truck Route" (continued)

Instructions: See the detailed map below for Heavy Duty Truck Routes in Indiana, which are defined as any route carrying public vehicular traffic within a 15 mile radius of Toll Road exits.



Exit 144

Note that the following are excluded: All Interstate Highways, SR 1, and SR 427.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.03 **Item Name:** Field Obs. Load Carrying Prob.

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates any load carrying problems observed in the field.

Instructions: Enter the appropriate answer from the drop-down menu below.

- N – No load carrying problems
- 1 – YES, Slow vehicle down to reduce impact, deflections, and vibrations
- 2 – YES, Position vehicle on deck to lessen effects of load on certain member
- 3 – YES, Combination of slowing down and position the vehicle when crossing the bridge
- 4 – YES, CONSIDER not allowing overweight vehicles to cross over the bridge
- 5 – YES, DEFINITELY SHOULD NOT allow overweight vehicles to cross over the bridge

This field is to be completed by Inspectors for all non-County bridges (i.e., INDOT and Toll Road) based on vehicles over 80,000 pounds that would require a permit. County Inspectors may complete this field, but it is currently not required.

This field provides permit engineers with information about a bridge that would not be reflected in the load capacity rating.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.04 **Item Name:** Overload Vehicle - Code

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the current load rating status for overload vehicles.

Instructions: Enter the appropriate code from the drop-down menu below.

- (Blank) – Used for newly built or rehabilitated bridge
- 1 – Bridge is Load Rated, but Rating is not up to date
- 2 – Load Rating is up to date using Load Factor
- 3 – No longer using this Code
- 4 – Cannot currently be Load Rated using the Virtis Load Rating Program
- 5 – No longer using this Code
- 6 – Load Rating is up to date, using Program other than Virtis

This field is currently only being used on INDOT and Toll Road bridges, not County bridges.

This field is used to track the status of load ratings of INDOT and Toll Road bridges.

This field is usually only changed when a load rating is conducted or a bridge is newly built or rehabilitated.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 501.05 **Item Name:** O.V. – Restriction Codes

Main Tab/Sub Tab: Aux. Forms/O.V. (501) **Misc. Fields:** 501 Overall Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates restrictions necessary if overloaded vehicles are using the bridge.

Instructions: Enter the appropriate answer from the drop-down menu below.

(BLANK) – OK, no problems noted or not checked on new/rehab bridge

1 – Requires Struc. Review (Rating < 3)

2 – 10 m.p.h. speed limit

3 – 5 m.p.h. speed limit

4 – No Overload Veh. Allowed

5 – Struct. Info. Rev. bridge OK

This field is currently only being used on INDOT and Toll Road bridges, not County bridges.

This field is used to restrict overweight vehicles.

This field is usually updated by INDOT’s Central Office Bridge Inspection Unit, based on bridge conditions or low load capacity ratings.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.01 **Item Name:** Priority Number

Main Tab/Sub Tab: Aux. Forms/H.I.P (502) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the highway improvement priority number.

Instructions: Enter the highway improvement priority number in the given box.

This is currently only an INDOT field.

This is the priority of the bridge project in relation to all other projects in the particular District.

INDOT Districts used to rank (prioritize) all of their projects annually. This may not currently be done in all Districts. If this is not being done or if this ranking is not known, then leave this item and Item 502.02 blank.

Notes/Issues: -

Questions: How many digits is this? Entry in the field is unlimited. INDOT answer: 3 digits or blank

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.02 **Item Name:** Year of Priority Number

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the year of the highway improvement priority number.

Instructions: Enter the year of the highway improvement priority number in the given box. This is a 4 digit number.

This is currently only an INDOT field.

This is the year of the prioritization of the bridge project in relation to all other projects in the particular District.

INDOT Districts used to rank (prioritize) all of their projects annually. This may not currently be done in all Districts. If this is not being done or if the year of the ranking is not known, then leave this item and Item 502.01 blank.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.03 **Item Name:** Year Orig. Prog. into SPMS

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the year the bridge was originally programmed into the State Project Management System (SPMS).

Instructions: Enter the year in the given box.

This is currently only an INDOT item, but can be filled in on County bridges if it applies.

This number will be the first two digits of a project's "Des" Number. The "Des" Number is seven digits long. For example, for a "Des" Number of 0801345, the first two digits are 08, representing the year 2008; thus, Item 502.03 would be coded as 08.

Notes/Issues: -

Questions: Should this be 4 digits for year? Entry in field is unlimited. INDOT answer: 2 digits or blank

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.04 **Item Name:** Date Listed(Ready For Letting)

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down <input type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the date the bridge improvement was listed as ready for letting.

Instructions: Enter the date listed from the hidden drop-down calendar.

This is currently only an INDOT item, but can be filled in on County bridges if information is available.

The Ready for Letting Date is listed on the Full Project Schedule in INDOT's SPMS Program. This date is usually, but not always, three months before the Letting Date. The Letting Date is often blanked out in SPMS; therefore the Ready for Letting (RFL) Date is being used instead.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.05 **Item Name:** Proposed Work Category

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item describes the proposed work category.

Instructions: Enter the appropriate code from the drop-down menu below.

- Blank
- 1 – Replacement
- 2 – Rehabilitation
- 3 – Widening
- 4 – Repair
- 5 – Elimination

This is currently only an INDOT item, but can be filled in on County bridges if this information is available.

The Work Category listed in SPMS should be used to complete this field.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.06 **Item Name:** Contract Awarded Date

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the date the bridge improvement contract was awarded.

Instructions: Enter the date the contract was awarded from the hidden drop-down calendar.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This will be the date the contract referenced in Items 502.03, 502.04, and 502.05 was awarded.

This date is usually listed in SPMS, but historically has been entered, by INDOT's Central Office Bridge Inspection Unit, from INDOT's Project Awarded List.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.07 **Item Name:** New Contract Number

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXXXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the new bridge improvement contract number.

Instructions: Enter the new contract number in the given box. This is a 7 digit number.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This will be the Contract Number listed in SPMS for the contract referenced in Items 502.03, 502.04, 502.05, and 502.06.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.08 **Item Name:** Estimated Date of Completion

Main Tab/Sub Tab:	Aux. Forms/H.I.P (502)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down <input type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the estimated date of completion for the bridge improvement work.

Instructions: Enter the estimated date of completion from the hidden drop-down calendar.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the date listed for the project being complete, either on the Notification to Contractors or on the Award Notification. Note that this may be listed as a date or as a specific number of work days.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 502.09 **Item Name:** New Structure Type

Main Tab/Sub Tab: Aux. Forms/H.I.P (502) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X...X(15) <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the new structure type that will exist after the bridge improvement project is completed.

Instructions: Enter the new structure type in the given box.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the Main Span Superstructure Type listed either in SPMS, in a scoping report, in the Notification to Contractors, or in design plans, for a new or replacement bridge.

The type of superstructure may change or be refined as a project moves from being proposed to the design plans and letting.

Notes/Issues: -

Questions: Is this supposed to be a drop-down with specific choices or a general description written by the inspector? It is limited to 15 characters. INDOT answer: Should be the same dropdown list as Items 43 and 44.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.02 **Item Name:** Intermediate Diaphragms

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the connection type used at the intermediate diaphragms (i.e., not at the supports). Diaphragms help to distribute the live load, especially for heavy permitted vehicles.

Instructions: Enter the appropriate connection type from the drop-down menu below.

- NA – not applicable
- 1 – riveted (using angles)
- 2 – bolted (using angles)
- 3 – full welds around diaphragm
- 4 – tack welds or intermittent welds around the diaphragms
- 5 – a combination of welds and bolts/rivets
- 6 – other

Note that code 5 will usually be applicable to bridges that have been widened or have had repairs (such as after a collision).

Note that code 6 includes all types of concrete diaphragms and timber.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.04 **Item Name:** Diaphragms Over Bearings

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the connection type used at the diaphragms over the bearings (i.e., diaphragms at the supports rather than intermediate diaphragms). Diaphragms over bearings at joints help support the deck and joints, especially due to hard impacts on the deck. They also help to distribute live load.

Instructions: Enter the appropriate connection type from the drop-down menu below.

- NA – not applicable
- 1 – riveted (either to angles or plates)
- 2 – bolted (either to angles or plates)
- 3 – welded (either to angles or plates)
- 4 – a combination of welds and bolts/rivets
- 5 – other

Note that code 4 will usually be applicable to bridges that have been widened or have had repairs (such as after a collision).

Note that code 5 includes all types of concrete diaphragms and timber.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.05 **Item Name:** Jacking Frames

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if jacking frames are present or not. Jacking frames are diaphragms over bearings that are structurally made to support the bridge being jacked up to reset the bearings.

Instructions: Check the box if jacking frames are present.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.07 **Item Name:** Vertical Web Stiffeners

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item describes the connection type used at the vertical web stiffeners. Vertical web stiffeners are usually found over bearings or on deeper built-up girders. They stiffen the web to resist bowing or buckling of the girder web.

Instructions: Enter the appropriate connection type from the drop-down menu below.

NA – not applicable

1 – riveted

2 – bolted along vertical axis only

3 – welded –full length welds

4 – welded along vertical axis, and bolted to a flange at one end (new standard design 1986)

5 – other

Note that vertical web stiffeners are often called “transverse” web stiffeners in other states and in structural books and manuals.

Notes/Issues: -

Questions: Shouldn't “Not Applicable” be “N” rather than “NA” so this is a single digit code?
INDOT answer: Yes, “NA”, should be “N”

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.09 **Item Name:** Cross Bracing

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of cross bracing used. Cross bracing helps to distribute the live load, especially for heavy permitted vehicles.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – not applicable
- 1 – staggered
- 2 – back to back
- 3 – other

Cross bracings are considered by many to just be large diaphragms. These are built-up members, usually consisting of at least two members in a cross (X), but usually also including a top and bottom horizontal member.

Note that staggered cross bracing (code 1) can result in out-of-plane bending issues, which lead to cracks in the beam / girder webs and flanges at the lower end of the attachment to the web.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
 INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.10 **Item Name:** Lat. Bracing–No Cross Brac.

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Quantity, Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of lateral bracing used when there is no cross bracing.

Instructions: Enter the appropriate type from the drop-down menu below.

NA – none, not applicable

- 1 – Lateral bracings in a transverse direction to the beam/girder, and are attended to a gusset plate which is attached to the web, parallel and above the lower flange of the beam/girder
- 2 – Lateral bracings which are only in a diagonal direction to the beam/girder, etc.
- 3 – Lateral bracings which are either transverse or diagonal, etc.
- 4 – Lateral bracings which are both transverse and diagonal etc.
- 5 – Other combinations

Enter the number of transverse plates present.

Notes/Issues: It is unclear what the quantity (# of) text box refers to: presumably number of lines of bracing.

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.11 **Item Name:** Lat. Bracing–With Cross Brac.

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Quantity, Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the combination of lateral bracings and cross bracings used.

Instructions: Enter the appropriate type from the drop-down menu below.

NA – none, not applicable

- 1 – Lat bracings in a diagonal direction to the beams/girders, and are attached to the gusset plate which is attached to the web parallel and above the lower flange of the beam/girder
- 2 – Other combinations of lateral bracings and cross bracings, etc.

Enter the number of transverse plates present.

Note that code 1, which includes a cross bracing attached to a web stiffener at the same location, can be a “tri-axial” restraint area (also called a “Hoan type detail”).

Notes/Issues: It is unclear what the quantity (# of) text box refers to: presumably number of lines of bracing.

Questions: Shouldn't “None” be “N” rather than “NA” so this is a single digit code? INDOT answer: Yes, “NA” should be “N”

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.12 **Item Name:** Web Welds

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of web welds used.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – None (seen or known about)
- 1 – Web welds – no change in web thickness, at web splices (these are often ground smooth)
- 2 – Web welds – change in web thickness

Notes/Issues: -

Questions: Shouldn't "None" be "N" rather than "NA" so this is a single digit code? INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.13 **Item Name:** Flange Welds

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of flange welds used.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – None (seen or known)
- 1 – Change in flange thickness only
- 2 – Change in flange width only
- 3 – Change in flange thickness and width at the same point
- 4 – Combinations of 1,2 or 3 at various places on a bridge
- 5 – Other

Notes/Issues: -

Questions: Shouldn't "None" be "N" rather than "NA" so this is a single digit code? INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.14 **Item Name:** Flange Cover Plates

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of flange cover plates used.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – None, not applicable
- 1 – Welded along length and ends
- 2 – Welded along length, not around the ends*
- 3 – Bolted
- 4 – Riveted
- 5 – Other
- 6 – Retro-fitted – Bolted Plates
- 7 – Retro-fitted – Peened
- 8 - Analyzed & OK for Fatigue as is
- 9 – Combination of #6, #7, & #8

Notes/Issues: There is an asterisk at the end of the description for dropdown option #2 for no apparent reason.

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
 INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.15 **Item Name:** Longitudinal Web Stiffeners

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of longitudinal web stiffeners used. Longitudinal web stiffeners are usually only found in deep built-up girders. They stiffen the web to resist bowing or buckling.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – none, not applicable
- 1 – Only in lower half of web (welded)
- 2 – Only in upper half of web (welded)
- 3 – In both upper and lower parts of web (welded)
- 4 – Other

Longitudinal web stiffeners are more often found in compression zones (based on the moments produced by the design vehicle, usually an HS20-44 vehicle). Stiffeners in tension or reversal zones should be closely inspected, especially if overweight vehicles are permitted over the bridge on a regular basis.

Several bridges have developed cracks because the longitudinal stiffeners were made up of small sections of steel poorly welded to each other before being shop welded to the girder webs. These poor welds cracked in service.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.16 **Item Name:** Plate Welded on Flanges

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if there are plates welded to the upper, lower, or both flanges of the beams or girders.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – None, not applicable
- 1 – Plates welded to Upper Flanges
- 2 – Plates welded to Lower Flanges
- 3 – Plates welded to Both Flanges
- 4 – Other

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.17 **Item Name:** Steel Box Girders

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates that the bridge has steel box girders, plus the type of cross bracing used on the steel box girders.

Instructions: Enter the appropriate type from the drop-down menu below.

NA –None, not applicable

- 1 – Has no exterior cross bracings or interior cross bracings
- 2 – Has exterior cross bracing, but not interior cross bracings
- 3 – Has no exterior cross bracings, but has interior cross bracings
- 4 – Has both interior and exterior cross bracings
- 5 – Other

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.18 **Item Name:** Hanger Connections

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of span that the hanger connections are being used on.

Instructions: Enter the appropriate type from the drop-down menu below.

- NA – None, not applicable
- 1 – Cantilevered spans
- 2 – Suspended span
- 3 – Other

Note that code 3 can be used if a bridge has a combination of both codes 1 and 2. It can also apply to U-shaped hanger bolts that are often used around pins in trusses to hold up the floor beams.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
 INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.19 **Item Name:** Hinge (Pin) Connection

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates where the hinge (pin) connection or other structural pins are used.

Instructions: Enter the appropriate answer from the drop-down menu below.

- NA – None, not applicable
- 1 – Cantilevered spans (hinge at only one end)
- 2 – Suspended span (hinges at both ends)
- 3 – Pins at truss connections
- 4 – Pins at bearings
- 5 – Other

Note that codes 1 and 2 are applicable to hinge connections, while code 3 is usually associated with eyebars.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
 INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.20 **Item Name:** Cantilevered Bearings

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates where the cantilevered bearings are used.

Instructions: Enter the appropriate answer from the drop-down menu below.

NA – None, not applicable

1 – One beam/girder bearing off another beam/girder (end to end)

2 – Stringer/beam, bearing off the web of a cross beam or floorbeam

3 – Both 1 and 2

4 – Other

Note that the condition described in code 1 is often found where pin and hanger connections previously were used.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.21 **Item Name:** Steel Box Pier Caps

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates how the beams and/or girders frame into the steel box pier caps.

Instructions: Enter the appropriate answer from the drop-down menu.

- NA – None, not applicable
- 1 – Beams/Girders bearing on top of cap
- 2 – Beams/Girders cantilevered off the sides of the pier cap
- 3 – Beams/ Girders going through the pier cap
- 4 – Other

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.22 **Item Name:** Concrete Segmental

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the number of internal compartments of a post-tensioned concrete box structure (either segmental construction or cast-in-place).

Instructions: Enter the appropriate answer from the drop-down menu below.

NA – None, not applicable

- 1 – Single Box
- 2 – Double Box
- 3 – Triple Box
- 4 – Other

Code 4 should be used for any post-tensioning elements other than a post-tensioned concrete box structure of 1, 2, or 3 cells (post-tensioned slabs, beams, bent caps, etc.).

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.23 **Item Name:** Open Spandrel Arch Columns

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if open spandrel arch columns are present.

Instructions: Enter the appropriate answer from the drop-down menu below.

- NA – None, not applicable
- 1 – Yes, has concrete columns

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.24 **Item Name:** Suspension Cables

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if suspension and/or hanger cables are present, or if there are cable-stays.

Instructions: Enter the appropriate answer from the drop-down menu below.

- NA – None, not applicable
- 1 – Yes, does have main suspension cables
- 2 – Yes, does have hanger cables
- 3 – Other (stayed-cable)
- 4 – Yes, has both main cables and hanger cables

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.25 **Item Name:** Suspension Span Tie Chord

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if suspension span tie chords are present or not.

Instructions: Enter the appropriate answer from the drop-down menu below.

NA- None, not applicable
1 – Yes, does have tie chords

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.26 **Item Name:** Other

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Title, Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if there are any other structural details present that are not on the standard list.

Instructions: Enter the appropriate answer from the drop-down menu below.

NA – None, not applicable

1 – Other special structural details present, but not on the standard list.

Name, in the Title box, the special structural details present.

Describe, in the Comments box, the special structural details present; add photos or list the sheets of the design plans with the details.

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.27 **Item Name:** Redundant Code

Main Tab/Sub Tab:	Aux. Forms/Struc. (503)	Misc. Fields:	Comments
Main Tab/Sub Tab:	Load Rating/Struc. Data (1)	Misc. Fields:	-
Main Tab/Sub Tab:	FC-UW-Spec./92A Data	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates whether the structure is considered to be redundant or not.

Instructions: Enter the appropriate answer from the drop-down menu below.

- 1 – Redundant
- 2 – Non-redundant
- 3 – Non-Redundant carries railroads or abandoned railroads
- 4 – Non-Redundant carries pedestrians only
- 5 – Other

Note that a 2-girder or 2-truss structure (either main or approach spans) will usually be classified as non-redundant (code 2, 3, or 4).

This field is used in queries to more easily identify non-redundant INDOT highway structures versus those that carry railroads or pedestrians.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.28 **Item Name:** Number of Lines of Beams

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X(20)? <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the number of lines of beams in the cross-section of the bridge.

Instructions: Enter the total number of lines of beams.

If this is constant, enter the value as a two-digit number (with leading zero if necessary).

If this varies, enter VA and list in the comments how it varies. For example: Spans A and E have 6 beams but Spans B, C, and D have 7 beams. Or, as another example: the bridge is flared and the number of lines of beams varies from a minimum of 6 beams in Span A to a maximum of 10 beams in Span E.

Both the main spans and approach spans must be considered for this field.

Note that for steel, beams are usually rolled members, while built-up members are usually classified as girders.

Note that for concrete, most precast members are classified as beams, while most cast-in-place members are called girders.

Notes/Issues: -

Questions: How many digits is this? Entry in field is excessive. INDOT answer: 2 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.29 **Item Name:** Number of Lines of Girders

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X(20)? <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the number of lines of girders in the cross-section of the bridge.

Instructions: Enter the total number of lines of girders.

If this is constant, enter the value as a two-digit number (with leading zero if necessary).

If this varies, enter VA and list in the comments how it varies. For example: Spans A and E have 6 girders but Spans B, C, and D have 7 girders. Or, as another example: the bridge is flared and the number of lines of girders varies from a minimum of 6 girders in Span A to a maximum of 10 girders in Span E.

Both the main spans and approach spans must be considered for this field.

Note that for steel, beams are usually rolled members, while built-up members are usually classified as girders.

Note that for concrete, most precast members are classified as beams, while most cast-in-place members are called girders.

Notes/Issues: -

Questions: How many digits is this? Entry in field is excessive. INDOT answer: 2 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.30 **Item Name:** Number of Lines of Stringers

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: Load Rating/Struc. Data (1) **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X(20)? <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the number of lines of stringers in the cross-section of the bridge.

Instructions: Enter the total number of lines of stringers.

If this is constant, enter the value as a two-digit number (with leading zero if necessary).

If this varies, enter VA and list in the comments how it varies.

Stringers are usually only coded if one or more of the spans of a bridge are considered to have a floor system of some type. Stringers are usually coded along with floorbeams, except on some pedestrian and railroad bridges which may have floorbeams but no stringers.

Notes/Issues: -

Questions: How many digits is this? Entry in field is excessive. INDOT answer: 2 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.31 **Item Name:** Num. of Lines of Floorbeams

Main Tab/Sub Tab:	Aux. Forms/Struc. (503)	Misc. Fields:	Comments
Main Tab/Sub Tab:	Load Rating/Struc. Data (1)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X(20)? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the number of lines of floorbeams in the length or cross-section of the bridge.

Instructions: Enter the total number of lines of floorbeams.

Enter the value as a three-digit number (with leading zeros if necessary).

Floorbeams are usually only coded if one or more of the spans of a bridge are considered to have a floor system of some type, such as with most trusses and two-girder structures.

Notes/Issues: -

Questions: How many digits is this? Entry in field is excessive. INDOT answer: 3 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 503.32 **Item Name:** Number of Gusset Plates

Main Tab/Sub Tab: Aux. Forms/Struc. (503) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the number of gusset plates located throughout the structure.

Instructions: Enter the total number of gusset plates.

Enter the value as a three-digit number (with leading zeros if necessary).

This should include all gusset plates at each truss connection location and those used in steel girder structures where floor beams, lateral braces, or diaphragms may be attached.

Notes/Issues: -

Questions: How many digits is this? Entry in field is unlimited. INDOT answer: 3 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.01 **Item Name:** Underbridge Insp. Equipment

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use underbridge inspection equipment.

Instructions: Check the box if the inspector could use underbridge inspection equipment.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.01A **Item Name:** UB-60 Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A	<input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a UB-60 for the underbridge inspection.

Instructions: Check the box if the inspector could use a UB-60 for the underbridge inspection.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.01B **Item Name:** UB-40 Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a UB-40 for the underbridge inspection.

Instructions: Check the box if the inspector could use a UB-40 for the underbridge inspection.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.02 **Item Name:** Underbridge Insp. Equipment

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use underbridge inspection equipment.

Instructions: Check the box if the inspector did use underbridge inspection equipment.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.02A **Item Name:** UB-60 Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a UB-60 for the underbridge inspection.

Instructions: Check the box if the inspector did use a UB-60 for the underbridge inspection.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.02B **Item Name:** UB-40 Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a UB-40 for the underbridge inspection.

Instructions: Check the box if the inspector did use a UB-40 for the underbridge inspection.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.03 **Item Name:** Crane and Basket – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a crane and basket.

Instructions: Check the box if the inspector could use a crane and basket.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.04 **Item Name:** Crane and Basket – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a crane and basket.

Instructions: Check the box if the inspector did use a crane and basket.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.05 **Item Name:** Bucket Truck – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a bucket truck.

Instructions: Check the box if the inspector could use a bucket truck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.06 **Item Name:** Bucket Truck – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a bucket truck.

Instructions: Check the box if the inspector did use a bucket truck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.07 **Item Name:** Lift Truck – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a lift truck.

Instructions: Check the box if the inspector could use a lift truck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this machine should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.08 **Item Name:** Lift Truck – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a lift truck.

Instructions: Check the box if the inspector did use a lift truck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.09 **Item Name:** Ladder - Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use a ladder.

Instructions: Check the box if the inspector could use a ladder.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this equipment should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.10 **Item Name:** Ladder – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a ladder.

Instructions: Check the box if the inspector did use a ladder.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.11 **Item Name:** Scaffolding – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could use scaffolding.

Instructions: Check the box if the inspector could use scaffolding.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Only check Yes if this would be a bridge on which this equipment should be used. If better access equipment can be used on this bridge do not check this as Yes.

For instance, if a bridge is over a small creek, approximately 10' off of the ground, an underbridge machine could be used, but would not normally be the best use of this type of machine.

The same should be considered on a bridge over another roadway, where traffic control would be needed both on top and under the bridge. A bucket truck might be a better machine to use on this bridge.

This data is used to help justify the purchase of new access equipment by being able to show how many bridges require these types of machines in order to perform the proper level of inspection.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.12 **Item Name:** Scaffolding – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use scaffolding.

Instructions: Check the box if the inspector did use scaffolding.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.13 **Item Name:** Other – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Title, Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could have used any other equipment.

Instructions: Check the box and name the equipment that the inspector could have used. If the box is checked, the comment field must be utilized to explain what the other equipment might be.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.14 **Item Name:** Other – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Title, Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use any other equipment.

Instructions: Check the box and name the equipment that the inspector did use.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.15 **Item Name:** Boat – Could Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector could have used a boat.

Instructions: Check the box if the inspector could have used a boat.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 504.16 **Item Name:** Boat – Did Use

Main Tab/Sub Tab: Aux. Forms/In-Depth (504) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the inspector did use a boat.

Instructions: Check the box if the inspector did use a boat.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 505.01 **Item Name:** Any Collision Damage?

Main Tab/Sub Tab: Primary/Coll. Damage (505) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if there is any collision damage.

Instructions: Enter the appropriate answer from the drop-down menu below.

Y – Yes
N – No

This item is mainly meant to document collision damage to structural superstructure and substructure members. The condition of the items damaged should be evaluated under Items 58, 59, 60, or 62.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 505.02 **Item Name:** Number of Members Damaged

Main Tab/Sub Tab: Primary/Coll. Damage (505) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the number of members damaged.

Instructions: Enter the number of members damaged in the given box.

Notes/Issues: -

Questions: How many digits is this? Entry in the field is unlimited.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 505.03 **Item Name:** Severity of Damage

Main Tab/Sub Tab: Primary/Coll. Damage (505) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the severity of any damage present.

Instructions: Enter the appropriate answer from the drop-down menu below.

- 1 – major damage
- 2 – moderate damage
- 3 – light damage
- 4 – insignificant damage
- N/A – not applicable

Notes/Issues: -

Questions: Shouldn't "Not Applicable" be "N" rather than "NA" so this is a single digit code?
 INDOT answer: Yes, "NA" should be "N"

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.01 **Item Name:** Normal Inspection Report

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the inspector wrote a normal inspection report or supplemental report of some type.

Instructions: Check the box if the inspector wrote a normal inspection report or supplemental report of some type.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.02 **Item Name:** Took Photos

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A	<input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if photos were taken.

Instructions: Check the box if photos were taken.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.03 **Item Name:** Notified Maintenance About

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the maintenance division was notified about a certain issue.

Instructions: Check the box if the maintenance division was notified about an issue. Describe the issue in the comments field.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.04 **Item Name:** Notified Design About

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the design division was notified about a certain issue.

Instructions: Check the box if the design division was notified about an issue. Describe the issue in the comments field.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.05 **Item Name:** Notified Cen. Office Insp. About

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates if the central inspection office was notified about a certain issue.

Instructions: Check the box if the central inspection office was notified about an issue. Describe the issue in the comments field.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.06 **Item Name:** Notified District About

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the district was notified about a certain issue.

Instructions: Check the box if the district was notified about an issue. Describe the issue in the comments field.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:	506.07	Item Name:	Other
Main Tab/Sub Tab:	Aux. Forms/Actions (506)	Misc. Fields:	Title, Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A	<input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates any other actions taken about a certain issue.

Instructions: Check the box if there were any other actions taken. Enter a brief description of the actions taken. Describe the issue in the comments field.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.08 **Item Name:** Put on Critical Def. List, Until

Main Tab/Sub Tab:	Aux. Forms/Actions (506)	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	N/A <input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates if the issue has been put on the critical deficiency list.

Instructions: Check box if the item has been put on the critical deficiency list. Explain in the comments field what actions would be necessary for the item to be removed from the critical deficiencies list (i.e., what must be done to fix the problem).

A critical deficiency is one that must be reported to the FHWA and INDOT's Bridge Director. It may also result in the initiation of INDOT's Closure Policy, if it is an INDOT bridge.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.09 **Item Name:** H.I.P. Priority List

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	N/A	<input checked="" type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the issue will be or already has been put on the Highway Improvement Program (H.I.P.) priority list.

Instructions: Check the box if the issue will be or already has been put on the Highway Improvement Program (H.I.P.) priority list. Describe in the comments field what actions will be or have been put on the H.I.P. priority list (i.e., what work needs to be done to fix the problem).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 506.10 **Item Name:** Features To Be Monitored?

Main Tab/Sub Tab: Aux. Forms/Actions (506) **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: Yes **Toll Road:** Yes

INDOT: Yes **County/Local:** Yes

Input Format: Drop-Down Manual

X...? Check Box Read-Only

Description: This item indicates if there are any features that may need to be monitored

Instructions: If there are any features that may need to be monitored, indicate this. Describe the features in the comments box.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes/Issues: -

Questions: Shouldn't this be a drop-down for "Yes/No" or a single digit manual entry for "Y/N"?

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:	506.11	Item Name:	Frequency
Main Tab/Sub Tab:	Aux. Forms/Actions (506)	Misc. Fields:	Comments, Items
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the frequency in months recommended for monitoring the features indicated in Item 506.10.

Instructions: Enter the proposed frequency in months. This is a 2 digit number, right justified with a leading zero if necessary. Enter further descriptions of the features to be monitored in the Item(s) field. Comments pertaining to the frequency may also be entered.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.01 **Item Name:** Relative Roadway Width (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the relative roadway width for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.02 **Item Name:** Relative Rdwy Width (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the relative roadway width for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.03 **Item Name:** Shoulder Width (Road On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the shoulder width for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

If there are no shoulders, this should generally be a “Bad” situation (code 4) rather than a “Not Present” situation (code 5).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.04 **Item Name:** Shoulder Width (Road Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the shoulder width for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

If there are no shoulders, this should generally be a “Bad” situation (code 4) rather than a “Not Present” situation (code 5).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.05 **Item Name:** Shoulder Width Reduct. (On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the shoulder width reduction for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.06 **Item Name:** Shoulder Width Red. (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the shoulder width reduction for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.07 **Item Name:** Vertical Clearance (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the vertical clearance for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

If there are no vertical restrictions over the bridge, this will generally be a “Good” situation (code 1) rather than a “Not Present” situation (code 5).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.08 **Item Name:** Vertical Clearance (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the vertical clearance for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.09 **Item Name:** Appr./Bridge Guardrail (On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach and bridge guardrail for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

If there are no approach / bridge railings, this will generally be a “Bad” or “Moderately Bad” situation (codes 4 or 3) rather than a “Not Present” situation (code 5).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.10 **Item Name:** Appr./Brdg. Guardrail (Under)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach and bridge guardrail for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

If there are no approach / bridge railings, this will generally be a “Bad” or “Moderately Bad” situation (codes 4 or 3) rather than a “Not Present” situation (code 5).

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.11 **Item Name:** Approach Sight Distance (On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach sight distance for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.12 **Item Name:** Appr. Sight Distance (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach sight distance for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.13 **Item Name:** Approach Curvature (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach roadway curvature for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.14 **Item Name:** Approach Curvature (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach roadway curvature for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.15 **Item Name:** Approach Gradient (Road On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach gradient for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.16 **Item Name:** Approach Gradient (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the approach gradient for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.17 **Item Name:** Volume/Capacity Ratio (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the volume/capacity ratio for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.18 **Item Name:** Volume/Cap. Ratio (Under)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the volume/capacity ratio for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.19 **Item Name:** Percentage of Trucks (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the percentage of trucks for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.20 **Item Name:** Percentage of Trucks (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the percentage of trucks for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.21 **Item Name:** Lights, Signs, Delineation (On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the lighting, signing, and delineation for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.22 **Item Name:** Lights, Signs, Delin. (Under)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of the lighting, signing, and delineation for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.23 **Item Name:** Ramps, Merges, Inter. (On)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of ramps, merges, or intersections for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

Use codes 1 through 4 if there are ramps, merges, or intersections within approximately 200 feet of the end of the bridge deck, or if the situation beyond this affects traffic safety of vehicles traveling over the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.24 **Item Name:** Ramps, Merges, Inter. (Under)

Main Tab/Sub Tab: Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-
Main Tab/Sub Tab: -	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of ramps, merges, or intersections for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

Use codes 1 through 4 if there are ramps, merges, or intersections within approximately 200 feet of the fascia of the bridge deck, or if the situation beyond this affects traffic safety of vehicles traveling under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.25 **Item Name:** Pavement Transitions (On)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of pavement transitions for the inventory route on the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway on the deck.

Use codes 1 through 4 if there are pavement transitions within approximately 200 feet of the end of the bridge deck, or if the situation beyond this affects traffic safety of vehicles traveling over the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 507.26 **Item Name:** Pavement Transitions (Under)

Main Tab/Sub Tab:	Aux. Forms/Sub. App.(507)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the functionality of pavement transitions for the inventory route under the bridge.

Instructions: Enter the appropriate appraisal rating from the drop-down menu below.

- 6 – Not Applicable
- 5 – Not Present
- 4 – Bad
- 3 – Moderately Bad
- 2 – Moderately Good
- 1 – Good

Use code 6 (Not Applicable) if there is no roadway under the bridge.

Use codes 1 through 4 if there are pavement transitions within approximately 200 feet of the fascia of the bridge deck, or if the situation beyond this affects traffic safety of vehicles traveling under the bridge.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Note that all of the 507 series items are to be used to help determine bridges that may be less safe than others, so that they can be considered for possible upgrades. This was meant to be a Bridge Management tool to help select the best projects.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 573 **Item Name:** Year Needed (Maintenance)

Main Tab/Sub Tab:	SI&A/Prop. Improvements	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the year maintenance will be needed.

Instructions: Enter the year.

Maintenance items can cover a wide range of work items. The main point here is that these items by themselves would not be eligible to use Federal Bridge Funds. These maintenance items are critical for County bridges, and it is equally critical for County engineers to use these items as a tool to know the cost of the needs on the bridges in their county.

Notes/Issues: -

Questions: Should this be 4 digits for the year? Entry in the field is unlimited.

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 573A **Item Name:** Maint. Needs/Cost Estimate

Main Tab/Sub Tab:	SI&A/Prop. Improvements	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X... <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item describes any maintenance needs along with a cost estimate for each task.

Instructions: Enter any maintenance needs and a cost estimate for each task.

Maintenance items can cover a wide range of work items. The main point here is that these items by themselves would not be eligible to use Federal Bridge Funds. These maintenance items are critical for County bridges, and it is equally critical for County engineers to use these items as a tool to know the cost of the needs on the bridges in their county.

Notes/Issues: INDOT says this should be 6 digits (XXXXXX) with leading zeros, not unlimited entry (X...) as currently shown.

Questions: If the entry is changed to only 6 digits (XXXXXX) for the cost estimate, where will the maintenance needs be described? And how will this item then differ from 596?

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 596 **Item Name:** Total Maintenance Cost

Main Tab/Sub Tab:	SI&A/Prop. Improvements	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XXXXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the total maintenance cost in dollars. This should be equal to the total of the individual cost estimates in item 573A.

Instructions: Enter the total maintenance cost in dollars. This is a 6 digit number, right justified, with leading zeros as required.

Maintenance items can cover a wide range of work items. The main point here is that these items by themselves would not be eligible to use Federal Bridge Funds. These maintenance items are critical for County bridges, and it is equally critical for County engineers to use these items as a tool to know the cost of the needs on the bridges in their county.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 600.01 **Item Name:** NHS Codes

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the classification for the inventory route with respect to the National Highway System (NHS) and related subsystems.

Instructions: Enter the appropriate code from the drop-down menu below.

- I – Interstates
- O – Other NHS
- S – NHS (STRAHNET Highway)
- C – NHS (Connector Highway)
- N – Non NHS (Other Routes and/or a State Property)

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 601.01 **Item Name:** Road System

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the road system of the inventory route.

Instructions: Enter the appropriate road system from the drop-down menu below.

1 = NHI
 2 = STP
 3 = INTERSTATE NHI
 4 = OTHER

1 = NHI
 2 = STP
 3 = INTERSTATE NHI
 4 = OTHER

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

Notes/Issues: -

Questions: Why are the four dropdown codes repeated?

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 601.02 **Item Name:** Bridge Data Sorts (Road Type)

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the type of road associated with the bridge.

Instructions: Enter the appropriate road type from the drop-down menu below.

- A = Toll Bridge
- B = Toll Road Bridge – Not “C,D,E,F,G”
- C = Toll Road Bridge – Railroad Over
- D = Toll Road Bridge – Pedestrian Walkway Over
- E = Toll Road Bridge – Local Bridge Over
- F = Toll Road Bridge – Interstate, U.S. Route, State Route Under
- G = Toll Road Bridge – Interstate, U.S. Route, State Route Over
- H = State Property Bridge – Not “I”
- I = State Property Bridge – Railroad Over
- J = Railroad Bridge – Over Interstate, U.S. Route, State Route
- K = Pedestrian Bridge – Over Interstate, U.S. Route, State Route
- L = State Route Bridge – Not “J,K,M”
- M = State Route Bridge – Local Bridge Over
- N = U.S. Route Bridge – Not “J,K,O”
- O = U.S. Route Bridge – Local Bridge Over
- P = Interstate Bridge – Not “J,K,Q”
- Q = Interstate Bridge – Local Bridge Over

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

These codes are used by INDOT’s Bridge Management System to help determine the correct work activity.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 602 **Item Name:** Approximate Length Date

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the date that the approximate length of improvement (Item 602.1) was generated.

Instructions: Enter the date of the approximate length of improvement from the hidden drop-down calendar.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the Inspector's best guess on when the proposed work will be done. SPMS will provide valuable information on a target Letting Date.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 602.1 **Item Name:** Appr. Length of Impr. - Bridge

Main Tab/Sub Tab: Aux. Forms/Rdwy. (600)	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -
Main Tab/Sub Tab: -	Misc. Fields: -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXXXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the approximate length of the bridge improvement.

Instructions: Enter the approximate length of the bridge improvement in feet. This is an 8 digit field, right justified with leading zeros as necessary.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the Inspector's best guess on the length of the proposed bridge improvement. This should not include any approach length. This value should be consistent with what is coded for NBI Item 76, if Item 76 has a value other than 000000 in it.

Notes/Issues: This should have a unique designation to avoid confusion with the other 602.1 (Approach). Also, INDOT says this should be 5 digits, not 8.

Questions: Why are there 2 items called 602.1? INDOT answer: Suggest calling this 602.1A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 602.1 **Item Name:** Appr. Length of Impr. – App.

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXXXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the approximate length of the approach improvement.

Instructions: Enter the approximate length of the approach improvement in feet. This is an 8 digit field, right justified with leading zeros as necessary.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the Inspector’s best guess on the length of any proposed approach improvement. This should not include the bridge length.

Notes/Issues: This should have a unique designation to avoid confusion with the other 602.1 (Bridge). Also, INDOT says this should be 5 digits, not 8.

Questions: Why are there 2 items called 602.1? INDOT answer: Suggest calling this 602.1B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 603.1 **Item Name:** Scoped LG of Impr. - Bridge

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the scoped length of the improved bridge in feet.

Instructions: Enter the scoped length of the improved bridge in feet. This is a 5 digit field, right justified with leading zeros as necessary.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the length of the bridge only, based on an engineering scoping report for the proposed project.

Notes/Issues: This should have a unique designation to avoid confusion with the other 603.1 (Approach).

Questions: Why are there two items called 603.1? INDOT answer: Suggest calling this 603.1A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 603.1 **Item Name:** Scoped LG of Impr. – App.

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXXXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the scoped length of the improved approach in feet.

Instructions: Enter the scoped length of the improved approach in feet. This is an 8 digit field, right justified with leading zeros as necessary.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the length of the bridge approaches, based on an engineering scoping report for the proposed project.

Notes/Issues: This should have a unique designation to avoid confusion with the other 603.1 (Bridge). Also, INDOT says this should be 5 digits, not 8.

Questions: Why are there two items called 603.1? INDOT answer: Suggest calling this 603.1B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 603.2 **Item Name:** Scoped Length Date

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the date that the scoped length of the improvement (Item 603.1) was generated.

Instructions: Enter the date of the scoped length of improvement from the hidden drop-down calendar.

This is currently only an INDOT item, but can be filled in for County bridges if this information is available.

This is the date of the engineering report for the proposed project.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 604.1 **Item Name:** Vert. Dist. For Pier Cost

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates the largest vertical distance for pier cost.

Instructions: Enter the largest vertical distance in feet. This is a 4 digit field, right justified with leading zeros as required.

This value is used in INDOT's Bridge Management Program to determine the substructure cost for new bridges. Currently a default value of 15 feet high is used in the IBMS if no value is coded for this item. The cost of a substructure in IBMS increases at an exponential rate above and below the 15 foot default value.

This value should be the height of the tallest existing substructure unit or the distance from the low structure to the channel bottom if over a waterway, if this distance is greater than the existing substructures.

Notes/Issues: INDOT says this should be XXX.X, not XXXX.

Questions: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 604.2 **Item Name:** Pier with Largest Vert. Dist.

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the pier with the largest vertical distance.

Instructions: Enter the pier designation (number only) for the pier with the largest vertical distance (i.e., tallest pier). This is a 2 digit field, right justified with a leading zero if necessary.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 604.3 **Item Name:** Larg. Vert. Dist. Meas./Plans

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the largest vertical distance for a pier was measured or taken from the plans.

Instructions: Enter the appropriate answer from the drop-down menu below.

P – From Plans
M = Measured

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 605.1 **Item Name:** Predominant Substruc. Type

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the predominant substructure type.

Instructions: Enter the appropriate substructure type from the drop-down menu below.

- 1 = Solid Stem
- 2 = Hammer Head
- 3 = Frame Bent
- 4 = Pile Bent
- 5 = Integral Slab Bent
- 6 = Pipe Arch
- 7 = Abutment
- 8 = Other

This will usually be an intermediate substructure unit unless this is a one span bridge. This data is used by INDOT's Bridge Management System to help determine the type of new substructure to use for a replacement bridge and the cost of such a substructure.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 605.2 **Item Name:** Predominant Support System

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the predominant foundation support system present.

Instructions: Enter the appropriate support system type from the drop-down menu below.

- 1 = Spread Footing – No Piles
- 2 = Spread Footing – With Piles
- 3 = "H" Piles
- 4 = Steel Encased Concrete Shell
- 5 = Prestressed Concrete Piles
- 6 = Timber Piles
- 7 = "H" Piles Encased
- 8 = Other

This will usually be an intermediate substructure unit unless this is a one span bridge. This data is used by INDOT's Bridge Management System to help determine the type of new substructure to use for a replacement bridge and the cost of such a substructure.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 605.3 **Item Name:** Identify Pier Used

Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down <input checked="" type="checkbox"/> Manual	
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XX <input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only	

Description: This item indicates pier referred to in Items 605.1 and 605.2.

Instructions: Enter the pier used as representative of the predominant substructure type and foundation support type. The pier designation should be a number only. This is a 2 digit field right justified with a leading zero as necessary.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 606.1A **Item Name:** Mile Post - Mile

Main Tab/Sub Tab:	Primary/General Inventory	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X (20)? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the mile post.

Instructions: Enter the mile post.

This is the "Whole Mile" part of the Road Reference Post, used to identify the distance from the beginning of the roadway. This system is similar to the familiar system used on Interstate highways and noted by the green milepost signs as seen along these roadways. INDOT uses this system on all U.S. and State highways, as well as all Interstates. Blue signs are used on U.S. and State roads to identify whole miles and at bridge sites.

Notes/Issues: -

Questions: How many digits is this? Entry in the field is excessive. INDOT answer: 3 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 606.1B **Item Name:** Mile Post - Offset

Main Tab/Sub Tab:	Primary/General Inventory	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...X (20)? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the mile post offset.

Instructions: Enter the mile post offset.

This is the "Hundredth of a Mile" part of the Road Reference Post, used to identify the distance from the beginning of the roadway. This system is similar to the familiar system used on Interstate highways and noted by the green milepost signs as seen along these roadways. INDOT uses this system on all U.S. and State highways, as well as all Interstates. Blue signs are used on U.S. and State roads to identify whole miles and at bridge sites.

Notes/Issues: -

Questions: How many digits is this? Entry in the field is excessive. INDOT answer: 2 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 606.2 **Item Name:** Sub-District Number

Main Tab/Sub Tab: Aux. Forms/Rwdy. (600) **Misc. Fields:** Unit Number

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	XXXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the sub-district number.

Instructions: Enter the sub-district number. This is a 5 digit field. Right justify this number by using leading zeros if necessary.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 606.3 **Item Name:** Sub-District Name

Main Tab/Sub Tab: Aux. Forms/Rwdy. (600) **Misc. Fields:** Unit Name

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X... <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the sub-district name.

Instructions: Enter the sub-district name. Left justify the name (i.e., do not use leading blanks).

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.1 **Item Name:** Official Sufficiency Rating

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XX.XX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the official sufficiency rating.

Instructions: This item is read-only for all inspectors. The FHWA Edit/Update computer program calculates values for this item.

The value shown represents the rating calculated by the FHWA Edit/Update computer program after the last inspection data was submitted; therefore, for a 2 year inspection cycle, this rating could be out-of-date by up to 2 years. For this reason, Item 607.1 (Unofficial Sufficiency Rating) is used to calculate a more up-to-date value based on the current inspection data.

This value is updated annually using the values supplied to INDOT from the FHWA, based on the NBI data submittal in April of each year. This is the official value calculated by the FHWA and used to select projects eligible for Federal Bridge Funds for the entire year.

Notes/Issues: -

Questions: Why have two items called 607.1? **INDOT answer:** Suggest calling this 607.1A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.1 **Item Name:** Unofficial Sufficiency Rating

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XX.XX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the unofficial sufficiency rating.

Instructions: Although this item may be coded by manually inputting a rating in the field, the correct procedure is to click "Calculate New Unofficial Values" in the Auxiliary Forms/Appraisal Tab, which will automatically generate a rating based on the most current input data.

Notes/Issues: -

Questions: Why have two items called 607.1? **INDOT answer:** Suggest calling this 607.1B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.2 **Item Name:** Official Suff. Rating Date

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the official sufficiency rating date.

Instructions: Enter the official sufficiency rating date on the hidden drop-down calendar.

This is usually listed as April 1 of the year in question. This is the date that INDOT is required to submit NBI data to the FHWA.

Notes/Issues: -

Questions: Why have two items called 607.2? INDOT answer: Suggest calling this 607.2A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.2 **Item Name:** Unofficial Suff. Rating Date

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	Comments
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XX/XX/XXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the unofficial sufficiency rating date.

Instructions: Enter the unofficial sufficiency rating date on the hidden drop-down calendar.

This is the date that the unofficial sufficiency rating was calculated based on the latest inspection data (i.e., data not yet submitted to the FHWA).

The application automatically fills in this date if the “Calculate New Unofficial Values” button is clicked.

Notes/Issues: -

Questions: Why have two items called 607.2? **INDOT answer:** Suggest calling this 607.2B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.3 **Item Name:** Official Functionally Obsolete

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the structure is officially functionally obsolete.

Instructions: This will be coded with one of the following:

Y – Yes
N – No

This item is read-only for all inspectors. The FHWA Edit/Update computer program calculates values for this item.

The code shown represents the rating calculated by the FHWA Edit/Update computer program after the last inspection data was submitted; therefore, for a 2 year inspection cycle, this rating could be out-of-date by up to 2 years. For this reason, Item 607.3 (Unofficial Functionally Obsolete) is used to calculate a more up-to-date rating based on the current inspection data.

Notes/Issues: -

Questions: Why have two items called 607.3? **INDOT answer:** Suggest calling this 607.3A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.3 **Item Name:** Unoff. Functionally Obsolete

Main Tab/Sub Tab: Aux. Forms/Appraisal **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the structure is unofficially functionally obsolete.

Instructions: This will be coded with one of the following:

- Y – Yes
- N – No

Although this item may be coded by manually selecting from the drop-down, the correct procedure is to click “Calculate New Unofficial Values” in the Auxiliary Forms/Appraisal Tab, which will automatically generate a code based on the most current input data.

Notes/Issues: -

Questions: Why have two items called 607.3? **INDOT answer:** Suggest calling this 607.3B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.4 **Item Name:** Official Structurally Deficient

Main Tab/Sub Tab:	Aux. Forms/Appraisal	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X	<input type="checkbox"/> Check Box <input type="checkbox"/> Read-Only

Description: This item indicates if the structure is officially structurally deficient.

Instructions: This will be coded with one of the following:

Y – Yes
N – No

This item is read-only for all inspectors. The FHWA Edit/Update computer program calculates values for this item.

The code shown represents the rating calculated by the FHWA Edit/Update computer program after the last inspection data was submitted; therefore, for a 2 year inspection cycle, this rating could be out-of-date by up to 2 years. For this reason, Item 607.4 (Unofficial Structurally Deficient) is used to calculate a more up-to-date rating based on the current inspection data.

Note that if a bridge is both structurally deficient and functionally obsolete, it will be coded as Yes only for structurally deficient. This is because it is much more critical if a bridge has structural issues than functional issues.

Notes/Issues: -

Questions: Why have two items called 607.4? **INDOT answer:** Suggest calling this 607.4A

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: 607.4 **Item Name:** Unofficial Struc. Deficient

Main Tab/Sub Tab: Aux. Forms/Appraisal **Misc. Fields:** Comments

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

Main Tab/Sub Tab: - **Misc. Fields:** -

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input checked="" type="checkbox"/> Drop-Down	<input type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates if the structure is unofficially structurally deficient.

Instructions: This will be coded with one of the following:

- Y – Yes
- N – No

Although this item may be coded by manually selecting from the drop-down, the correct procedure is to click "Calculate New Unofficial Values" in the Auxiliary Forms/Appraisal Tab, which will automatically generate a code based on the most current input data.

Notes/Issues: -

Questions: Why have two items called 607.4? **INDOT answer:** Suggest calling this 607.4B

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:	609	Item Name:	Remarks
Main Tab/Sub Tab:	Aux. Forms/Rdwy. (600)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input type="checkbox"/> Yes	X... <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item includes any general remarks.

Instructions: Enter any remarks.

This is the Remarks Section, used by County Inspection Consultants, which prints out on the third page of data on the normal 3-page printed report.

This was the original "Remarks" section that has been a part of Indiana's bridge databases since the early 1970s.

Notes: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number:	A	Item Name:	Sort Number
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Main Tab/Sub Tab:	SI&A/Identification	Misc. Fields:	-
Main Tab/Sub Tab:	Primary/General Inventory	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	XXXXXXXX <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the sort number.

Instructions: Enter the sort number. This is an 8 digit field.

This number is used to list INDOT bridges in the same order as one would encounter them when driving from south to north on odd-numbered roads and from west to east on even-numbered roads. The sequence would start with SR 1, SR 2, SR 3, SR 4, SR 5, US 6, etc., through SR 933. Then the sequence would continue with I-64 through I-469, followed by State Property Bridges, listed in order from District 1 through District 6. This was originally set up with the first bridge on SR 1 having a sort number of 000010 and each successive bridge being ten higher: 000020, 000030, etc. This left room for future bridges being built between the original ones.

Notes/Issues: INDOT says this should be 6 digits, not 8.

Questions: -

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: B.1 **Item Name:** Contract Prefix

Main Tab/Sub Tab:	Primary/General Inventory	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the contract prefix.

Instructions: Enter the contract prefix.

This will generally always be a letter. See the list of contract abbreviations below:

- A = Approaches
- B = Bridge
- BT = Toll Road
- C = Combination
- D = Superstructure
- IB = Interstate Bridge
- M = Maintenance
- MX = Maintenance – INDOT forces
- PO = Purchase Order
- R = Road
- RS = Resurface
- S = Substructure
- T = Traffic
- X = Railroad

Notes/Issues: -

Questions: How many digits is this? Entry in the field is unlimited. INDOT answer: 3 digits

INDOT Coding Guide: *Bridge Reporting for Appraisal & Greater Inventory*

Item Number: B.2 **Item Name:** Contract Number

Main Tab/Sub Tab:	Primary/General Inventory	Misc. Fields:	-
Main Tab/Sub Tab:	Load Rating/Sruc. Data (1)	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-
Main Tab/Sub Tab:	-	Misc. Fields:	-

NBIS: <input type="checkbox"/> Yes	Toll Road: <input checked="" type="checkbox"/> Yes	Input Format: <input type="checkbox"/> Drop-Down	<input checked="" type="checkbox"/> Manual
INDOT: <input checked="" type="checkbox"/> Yes	County/Local: <input checked="" type="checkbox"/> Yes	X...? <input type="checkbox"/> Check Box	<input type="checkbox"/> Read-Only

Description: This item indicates the contract number.

Instructions: Enter the contract number.

This is the numeric portion of the contract used with the contract prefix to identify a contract. The first contract awarded by the original State Highway Commission in 1919 was contract #1. Since 1919, contracts have been numbered sequentially.

Notes/Issues: -

Questions: How many digits is this? Entry in the field is unlimited. **INDOT answer: 5 digits**