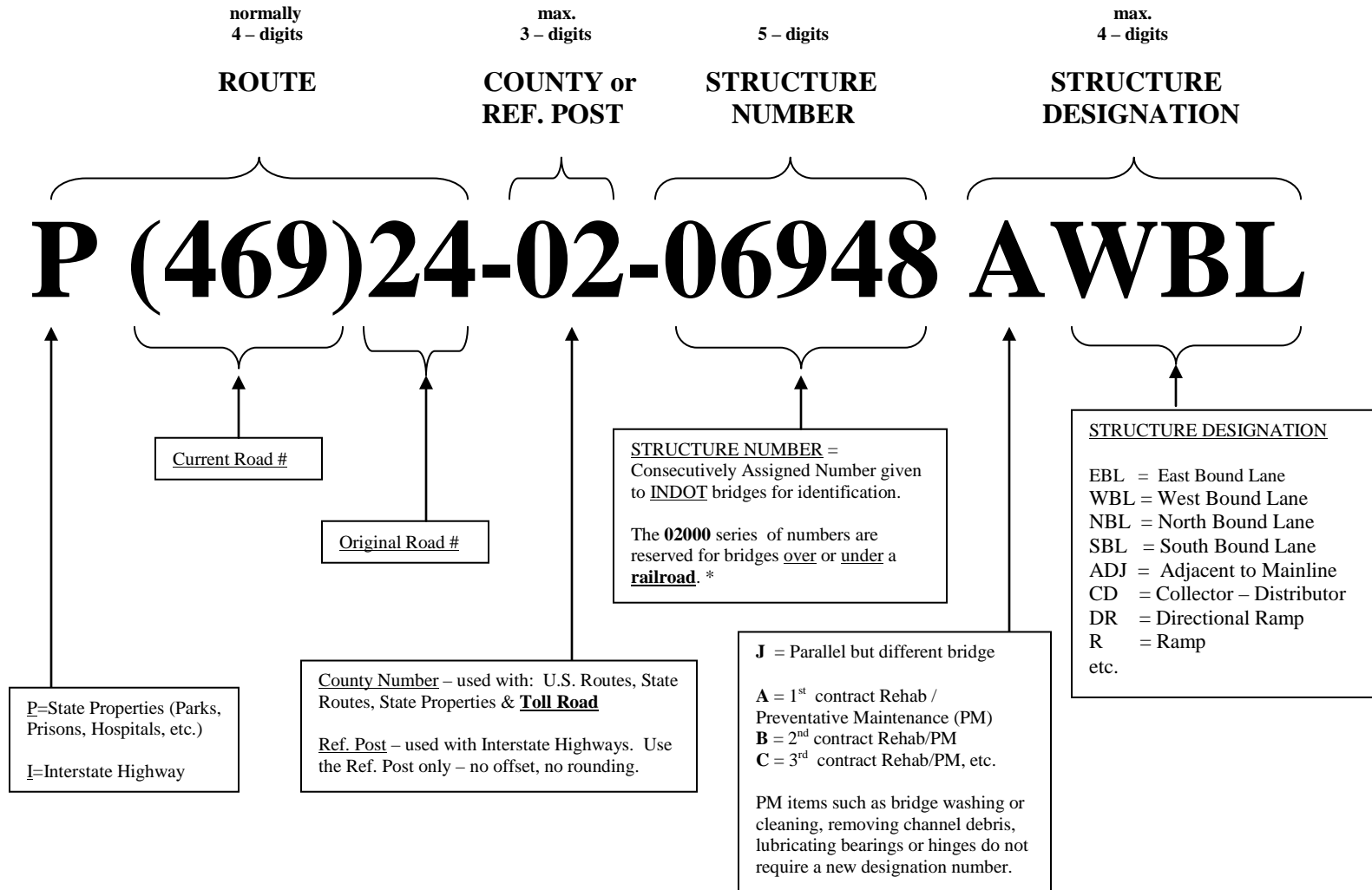


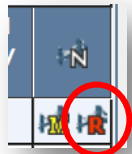
INDOT Bridge Numbering System



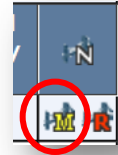
Note: When a road has changed routes, normally everything is shifted to the right, at the expense of part of the Structure Designation. If the Routes are too long, then the left parenthesis may be left off, as well as the “I” on Interstate bridges.

SPMS

SCHEDULING PROJECT MANAGEMENT SYSTEM



The Replace Bridge icon will auto-generate the new 5-digit structure number upon saving.



The Maintain Bridge icon will not auto-generate the new 5-digit structure number and should be used for Rehabilitation and Preventative Maintenance.

Replace Bridge									
	SPMS								
Bridge Type	State								
County	Vigo								
Prefix	040-84								
Bridge Description									
	<input type="radio"/> TBD <input checked="" type="radio"/> Select NBI <input type="radio"/> Use Existing								
	<table border="1"> <thead> <tr> <th>Proposed</th> <th>Existing</th> </tr> </thead> <tbody> <tr> <td>NBI # 13561</td> <td>13560</td> </tr> <tr> <td>Structure # 09956</td> <td>03640</td> </tr> <tr> <td>Designator </td> <td> </td> </tr> </tbody> </table>	Proposed	Existing	NBI # 13561	13560	Structure # 09956	03640	Designator 	
Proposed	Existing								
NBI # 13561	13560								
Structure # 09956	03640								
Designator 									

New and Replacement bridges are assigned new NBI numbers. The NBI number is assigned after construction is complete and the bridge has been inspected.

Rehabilitated bridges retain their existing NBI number.

Letter designation of the current contracted rehabilitation or preventative maintenance (PM) project, e.g. existing bridge 12345A is to be widened, the designator would be B.

PM items such as bridge washing or cleaning, removing channel debris, lubricating bearings or hinges do not require a new designation number.

New Structure Number. New and Replacement bridges must be assigned a new 5-digit structure number prior to letting.

Rehabilitated bridges and bridges programmed for preventative maintenance retain their existing structure number but change the designator.

ERMS

Multiple File Upload Tool (MFUT)

Indiana Department of
Transportation

Required Properties

Title : <input type="text"/>	Status : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>
DES Number : <input type="text"/>	Design Type : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>
Document Type : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>	District : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>
Road Bridge Indicator : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>	Contract Number : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>
Managed By : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>	Designed By : <input style="border-bottom: 1px solid gray; border-top: 1px solid gray; border-right: 1px solid gray; border-left: 1px solid gray; width: 100%;" type="text"/>

Optional Properties

Project Number : <input type="text"/>	Structure Number : <input type="text"/>
---------------------------------------	---

5-digit number. For multiple structures within a contract or set of plans, the structure numbers should comma delineated. This field will eventually be mandatory.

New and Replacement bridges are assigned new structure numbers. The number can be assigned as soon as the work is programmed in SPMS.

Rehabilitated bridges and bridges programmed for preventative maintenance retain their existing structure number. The designator does not need to be included in the field, but including it will not disrupt the integrity of the data.

PLANS

Title Sheet

PROJECT	DESIGNATION
9999999	9999999
CONTRACT	BRIDGE FILE
8-99999	057-14-00000

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
057-14-00000	Continuous Composite Prestressed Concrete I-Beam Type I	3 Spans: 38'-0", 46'-0" & 38'-0" Skew: 20° Rt.	Veale Creek	1446+50 Line "A"

Use the full bridge number for both Structure and Bridge File. This is the new structure number for new and replaced bridges.

For rehabilitated bridges and bridges programmed for preventative maintenance, use the existing structure number and the new designation.

INDIANA DEPARTMENT OF TRANSPORTATION



BRIDGE PLANS FOR SPANS OVER 20 FEET

Note: A box structure or 3-sided structure with a span greater than 20 ft measured along the roadway centerline is a bridge and must have a structure number assigned.

Layout Sheet

Identify the existing structure on the layout sheet

EXISTING STRUCTURE

The existing structure (57-14-12345) is a single span steel-pony truss bridge built in 1938 with an 84' span and 24' clear roadway reinforced concrete deck with wingwalls. Existing structure to be removed.

EXAMPLES

(STATE Bridges) **Bridge Number** = **Pre-fix** + **Structure Number** + **Designator**
 11 characters 5 characters 10 characters
 Road – County or
 Road – Reference Post (no offset, no rounding)

(COUNTY Bridges) **Bridge Number** = **Pre-fix** + **Structure Number** + **Designator**
 11 characters 5 characters 10 characters
 County Name County Bridge Number Not Used
 (spelled out) (assigned by County)

Examples of various State Bridge Numbers

PREFIX (ROUTE – COUNTY OR REF. POST) -- **STRUCTURE NUMBER** & STRUCTURE DESIGNATION

(1)44-21- 00086 B	(I90)I69-156- 04820 A	(I90)I80-15- 05262 BEBL	(I865)I465-137- 05259 JCEBL
(3)203-72- 03235 A	23-71- 04993 BNWE	912-45- 02546 RWN	912-45- 02546 RWXA
(5)I69-72- 04771 A	(25)38-79- 02623 J	I90-45-10- 07RR EBL	912-45- 12001 RB
(11)31A-36- 01677 E	(35)3-18- 05466 JA	I90-45- 011-5 EBL	(469)27-02- 07222 SBL
35-89- 04526 DRC	I90-45- BHX -B	P000-49- BV600	P000-66- 02612
(31)I65-1- 04813 NCC	(41)I164-21- 07206 ADJ	I90-45- 030-1 SBL	(31)I65-1- 04559 SCC
(66)460-82- 04631 AADJ	I90-45- 002-1 EBL	P000-07- 07101 B	
(33)527-01- 01610	I90-71- 0083R	I90-71- 030-6.5 NB	
(40)I70-1- 04814 AEBL	41-93- 00569 NBL Kentucky's	I90-76- 053-8 WBL	
(62X)62-10- 04558 B	(231)75-93- 04088 A Kentucky's	(311)31W-22- 01179 A	