

48 Month Checklist

- ☐ B.SP.04 - Span Material
- Concrete (Not Concrete Other Type)
 - Steel (Not Steel Other Type, No E or E' Details)
 - Not Fracture Critical (B.IR.02 Fatigue Details = N)

- ☐ B.SP.06 - Span Type
- Culvert/Pipe
 - Slab Span
 - Girder Bridge (Not Floor Beam/Girder System)
 - Box Girders (Not Segmental)

- ☐ B.H.13 - Highway Minimum Vertical Clearance $\geq 14.0'$
- All Highway Features Below

- ☐ Condition Ratings ≥ 6
- Deck
 - Superstructure
 - Substructure
 - Culvert
 - Channel Condition
 - Channel Protection
 - Scour

Recall: _____
Checked By: _____
Date: _____
Bridge Type: _____

- ☐ Not Fracture Critical
- B.IR.02 Fatigue Details = N or "BLANK" (for concrete structures)
 - B.C.14 NSTM Condition Rating = "BLANK"

- ☐ Not Posted
- B.LR.05 INV ≥ 1.0 or 36T
 - B.LR.08 Routine Permit Loads = A or N

- ☐ Not Scour Critical
- B.AP.03 Scour Vulnerability= A, B or Blank (For bridges that do not cross water)

- ☐ All SNBI data must be collected prior to moving a bridge to 48-months (in addition to criteria above). See the following pages and/or the new Coding and Field guide for more information regarding which fields can/cannot be left blank.

For New Structures

- ☐ At least one 24 month routine Cycle

48-Month Checklist Walkthrough



I-10 Off Ramp to Veterans Blvd

Bridge Type:COPSGR



Span Material (B.SP.04) (Main and Approach):

Must be Concrete (not Concrete - Other) or Steel (not Steel - Other)

inspectX000444RoutineInventory

SNBI Spans and Substructures

SNBI SpansAdd

| | B.SP.01A Span Set Designation | B.SP.01B Span Set Number | B.SP.02 Number of Spans | B.SP.03 Number of Beam Lines | B.SP.04 Span Material | B.S |
|---|-------------------------------|--------------------------|-------------------------|------------------------------|---------------------------------------|------|
|  | Main | 1 | 6 | 4 | Prestressed concrete – pre-tension... | Simp |
|  | Approach | 1 | 5 | 1 | Reinforced concrete – cast-in-place | Simp |

SNBI Substructure

B.SB.01

Abutment

Pier/Ber

View B.SP.01A Span Set Designation: Main - Str # 000444

| | | | |
|-------------------------------|--------------------------------------|--|-------------------------------------|
| B.SP.01A Span Set Designation | Main | B.SP.07 Span Protective System | None |
| B.SP.01B Span Set Number | 1 | B.SP.08 Deck Interaction | Composite – unshored construction |
| B.SP.02 Number of Spans | 6 | B.SP.09 Deck Material and Type | Reinforced concrete – cast-in-place |
| B.SP.03 Number of Beam Lines | 4 | B.SP.10 Wearing Surface | Concrete – monolithic |
| B.SP.04 Span Material | Prestressed concrete – pre-tensioned | B.SP.11 Deck Protective System | None |
| B.SP.05 Span Continuity | Simple or single span | B.SP.12 Deck Reinforcing Protective System | None |
| B.SP.06 Span Type | Girder/beam – I-shaped spread | B.SP.13 Deck Stay-in-Place Forms | None |

View B.SP.01A Span Set Designation: Approach - Str # 000444

| | | | |
|-------------------------------|-------------------------------------|--|-------------------------------------|
| B.SP.01A Span Set Designation | Approach | B.SP.07 Span Protective System | None |
| B.SP.01B Span Set Number | 1 | B.SP.08 Deck Interaction | Integral or monolithic |
| B.SP.02 Number of Spans | 5 | B.SP.09 Deck Material and Type | Reinforced concrete – cast-in-place |
| B.SP.03 Number of Beam Lines | 1 | B.SP.10 Wearing Surface | Concrete – monolithic |
| B.SP.04 Span Material | Reinforced concrete – cast-in-place | B.SP.11 Deck Protective System | None |
| B.SP.05 Span Continuity | Simple or single span | B.SP.12 Deck Reinforcing Protective System | None |
| B.SP.06 Span Type | Slab – solid | B.SP.13 Deck Stay-in-Place Forms | None |

Span Type (B.SP.06) (Main and Approach):

Must be: Culvert or Pipe, Slab Span, Girder Bridge (Not floor Beam/girder system), or Box Girders (Not segmental)

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SNBI Spans and Substructures

SNBI SpansAdd

| | B.SP.01A Span Set Designation | B.SP.01B Span Set Number | B.SP.02 Number of Spans | B.SP.03 Number of Beam Lines | B.SP.04 Span Material | B.S |
|--|-------------------------------|--------------------------|-------------------------|------------------------------|---------------------------------------|------|
| | Main | 1 | 6 | 4 | Prestressed concrete – pre-tension... | Simp |
| | Approach | 1 | 5 | 1 | Reinforced concrete – cast-in-place | Simp |

View B.SP.01A Span Set Designation: Main - Str # 000444

| | | | |
|-------------------------------|--------------------------------------|--|-------------------------------------|
| B.SP.01A Span Set Designation | Main | B.SP.07 Span Protective System | None |
| B.SP.01B Span Set Number | 1 | B.SP.08 Deck Interaction | Composite – unshored construction |
| B.SP.02 Number of Spans | 6 | B.SP.09 Deck Material and Type | Reinforced concrete – cast-in-place |
| B.SP.03 Number of Beam Lines | 4 | B.SP.10 Wearing Surface | Concrete – monolithic |
| B.SP.04 Span Material | Prestressed concrete – pre-tensioned | B.SP.11 Deck Protective System | None |
| B.SP.05 Span Continuity | Simple or single span | B.SP.12 Deck Reinforcing Protective System | None |
| B.SP.06 Span Type | Girder/beam – I-shaped spread | B.SP.13 Deck Stay-In-Place Forms | None |

View B.SP.01A Span Set Designation: Approach - Str # 000444

| | | | |
|-------------------------------|-------------------------------------|--|-------------------------------------|
| B.SP.01A Span Set Designation | Approach | B.SP.07 Span Protective System | None |
| B.SP.01B Span Set Number | 1 | B.SP.08 Deck Interaction | Integral or monolithic |
| B.SP.02 Number of Spans | 5 | B.SP.09 Deck Material and Type | Reinforced concrete – cast-in-place |
| B.SP.03 Number of Beam Lines | 1 | B.SP.10 Wearing Surface | Concrete – monolithic |
| B.SP.04 Span Material | Reinforced concrete – cast-in-place | B.SP.11 Deck Protective System | None |
| B.SP.05 Span Continuity | Simple or single span | B.SP.12 Deck Reinforcing Protective System | None |
| B.SP.06 Span Type | Slab – solid | B.SP.13 Deck Stay-In-Place Forms | None |

Highway Minimum Vertical Clearance must be $\geq 14.0'$ for all Highway Features carried Below the bridge.

B.H.13 must be greater than or equal to 14.0'

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Features

Features (Highway)Add

| | B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name | B.H.01 Functional Classification |
|---|----------------------|------------------------|-------------------------|-------------------------------|----------------------------------|
| <div>Go-To</div> <div><div></div><div></div><div></div></div> | Highway | 1 | Carried on bridge | I-10 Off Ramp to Veterans Blv | Interstate |
| <div>Go-To</div> <div><div></div><div></div><div></div></div> | Highway | 2 | Below bridge | Veterans Blvd EB | Principal Arterial – Ot... |

Features (Railroad)Add

View B.F.01A Feature Type: Highway - Str # 000444

| | | | |
|---|----------------------------|--|-------|
| B.F.01A Feature Type | Highway | B.H.08 Lanes On Highway | 3 |
| B.F.01B Feature Number | 2 | B.H.09 Annual Average Daily Traffic | 14204 |
| B.F.02 Feature Location | Below bridge | B.H.10 Annual Average Daily Truck Traffic | |
| B.F.03 Feature Name | Veterans Blvd EB | B.H.11 Year of Annual Average Daily Traffic | 2023 |
| B.H.01 Functional Classification | Principal Arterial – Other | B.H.12 Highway Maximum Usable Vertical Clearance | 16.5 |
| B.H.02 Urban Code | New Orleans, LA | B.H.13 Highway Minimum Vertical Clearance | 16.4 |
| B.H.03 NHS Designation | NHS | B.H.14 Highway Minimum Horizontal Clearance, Left | 0 |
| B.H.04 National Highway Freight Network | Not on the NHFN | B.H.15 Highway Minimum Horizontal Clearance, Right | 11.8 |
| B.H.05 STRAHNET Designation | Not a STRAHNET route | B.H.16 Highway Maximum Usable Surface Width | 50.4 |
| B.H.06 LRS Route ID | 51904505700591000 | B.H.17 Bypass Detour Length | 2 |
| B.H.07 LRS Mile Point | 4.269 | B.H.18 Crossing Bridge Number | |

Exit Inspection

Condition Ratings for the following must be ≥ 6 (Or Not Applicable):
Deck, Superstructure, Substructure, Culvert, Channel Condition,
Channel Protection, & Scour

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Condition Rating

| Condition Rating | Value | Note |
|--|---|------|
| B.C.01 Deck Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.02 Superstructure Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.03 Substructure Condition Rating ⓘ | 8 - VERY GOOD - Some inherent defects. | |
| B.C.04 Culvert Condition Rating ⓘ | NOT APPLICABLE - Component does not exist. | |
| B.C.05 Bridge Railing Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.06 Bridge Railing Transitions Condition Rating ⓘ | N - NOT APPLICABLE - Component does not exist. | |
| B.C.07 Bridge Bearings Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.08 Bridge Joints Condition Rating ⓘ | 6 - SATISFACTORY - Widespread minor or isolated moderate defects. | |
| B.C.09 Channel Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water. | |
| B.C.10 Channel Protection Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water or channel protection devices do not exist. | |
| B.C.11 Scour Condition Rating ⓘ | N - Bridge does not cross over water | |
| B.C.14 NSTM Inspection Condition ⓘ | | |
| B.C.15 Underwater Inspection Condition ⓘ | | |
| B.AP.01 Approach Roadway Alignment ⓘ | Good - Speed is no different on the bridge relative to the highway segment crossing the bridge | |

Exit Inspection

Bridge cannot be Fracture Critical

- B.C.14 NSTM Inspection Condition Rating must be blank, and
- B.IR.02 Fatigue Prone Details must be blank (for concrete structures) or N (for steel structures)

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| | | |
|--|---|--|
| B.C.07 Bridge Bearings Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.08 Bridge Joints Condition Rating ⓘ | 6 - SATISFACTORY - Widespread minor or isolated moderate defects. | |
| B.C.09 Channel Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water. | |
| B.C.10 Channel Protection Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water or channel protection devices do not exist. | |
| B.C.11 Scour Condition Rating ⓘ | N - Bridge does not cross over water | |
| B.C.14 NSTM Inspection Condition ⓘ | | |
| B.C.15 Underwater Inspection Condition ⓘ | | |
| B.AP.01 Approach Roadway Alignment ⓘ | Good - Speed is no different on the bridge relative to the highway segment crossing the bridge | |

Other Inspection Info

| Other Inspection Info | Value | Note |
|---------------------------------|--------------------------------------|------|
| Surface Thickness (In) ⓘ | 00 | |
| B.IR.02 Fatigue Prone Details ⓘ | | |
| B.IR.04 Complex Feature ⓘ | Bridge does not have complex feature | |
| Pin & Hanger ⓘ | No | |
| B.AP.03 Scour Vulnerability ⓘ | | |

Exit Inspection

Bridge must have an Inventory load rating (B.LR.05) ≥ 1.0

Screenshots below are outside of a report. There is an Inventory tab for each asset. Here you can easily locate specific data as needed.

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NBI Bridges

Jump to structure

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Load Rating

Load Rating Data

| | |
|---|--------------------------|
| B.LR.03 Load Rating Date | 05/12/2003 |
| Date Rated | 05/12/2003 |
| Type Rating | Present Condition |
| Rated Surface Thickness | |
| Required Posting | Not Posted |
| Conditional Post Flag | No |
| EV Required Posting | |
| NBI 041: Structure Open, Posted, or Closed to Traffic | A - Open, no restriction |
| NBI 070: Bridge Posting | 5 - 35-44 or No Posting |
| Load Rating Remarks | |
| B.LR.01 Design Load | HS-20 |
| B.LR.02 Design Method | Allowable Stress Design |
| NBI 031: Design Load | 5 - MS 18 / HS 20 |

| | |
|--|---|
| Load Rating Review Date | |
| Load Rating Reviewed by | |
| Load Rating Review Remarks | |
| Rating Software | BrR |
| Rated By | GEC |
| Standard Plan Number (Super) | |
| Revision Year (Super) | |
| Standard Plan Number (Sub) | |
| Revision Year (Sub) | |
| B.LR.07 Controlling Legal Load Rating Factor | |
| B.LR.08 Routine Permit Loads | A - Bridge carries routine permit loads. Load capacity is |
| B.LR.04 Load Rating Method | Load Factor Rating |

Rating information

Rating information

| | |
|--|---------------------|
| Inv-Super | 253 |
| Opr-Super | 288 |
| PV Single-Super | |
| PV Combo-Super | 83 |
| NBI 066: Inventory Rating | 53.0 |
| NBI 065: Method Used to Determine Inventory Rating | 1 - Load Factor(LF) |
| B.LR.05 Inventory Load Rating Factor | 1.47 |

| | |
|--|------------|
| Inv-Super | |
| Opr-Super | |
| PV Single-Super | |
| PV Combo-Super | |
| NBI 066: Inventory Rating | 8.0 |
| NBI 065: Method Used to Determine Inventory Rating | Factor(LF) |
| B.LR.05 Inventory Load Rating Factor | 2.44 |

Load Rating is actively working on converting all Tons to factors.

If shown as a factor, must be greater than 1.0

If shown in tons, must be greater than 36.0.

Bridge must either have adequate capacity to carry routine permit loads or not carry them at all (due to route restrictions).

Screenshots below are outside of a report. There is an Inventory tab for each asset. Here you can easily locate specific data as needed.

B.LR.08 = A or N

A = Bridge carries routine permit loads. Load capacity is adequate for all routine permit loads approved for the route segment; no routine permit loads are restricted.

N = Bridge does not carry routine permit loads. Routine permit loads are not approved for the route segment.

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NBI Bridges

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Load Rating

Load Rating Data

B.LR.03 Load Rating Date

05/12/2003

Date Rated

05/12/2003

Type Rating

Present Condition

Rated Surface Thickness

Required Posting

Not Posted

Conditional Post Flag

No

EV Required Posting

NBI 041: Structure Open, Posted, or Closed to Traffic

A - Open, no restriction

NBI 070: Bridge Posting

5 - 35-44 or No Posting

Load Rating Remarks

B.LR.01 Design Load

HS-20

B.LR.02 Design Method

Allowable Stress Design

NBI 031: Design Load

5 - MS 18 / HS 20

Load Rating Review Date

Load Rating Reviewed by

Load Rating Review Remarks

Rating Software

BrR

Rated By

GEC

Standard Plan Number (Super)

Revision Year (Super)

Standard Plan Number (Sub)

Revision Year (Sub)

B.LR.07 Controlling Legal Load Rating Factor

B.LR.08 Routine Permit Loads

A - Bridge carries routine permit loads. Load capacity is

B.LR.04 Load Rating Method

Load Factor Rating

Rating information

Rating information

Inv-Super

253

Opr-Super

288

PV Single-Super

PV Combo-Super

83

NBI 066: Inventory Rating

53.0

NBI 065: Method Used to Determine Inventory Rating

1 - Load Factor(LF)

B.LR.05 Inventory Load Rating Factor

1.47

Inv-Sub

Opr-Sub

PV Single-Sub

PV Combo-Sub

NBI 064: Operating Rating

88.0

NBI 063: Method Used to Determine Operating Rating

1 - Load Factor(LF)

B.LR.06 Operating Load Rating Factor

2.44

Bridge must not be Scour Critical

B.AP.03 Scour Vulnerability must be

- A = Scour appraisal completed. Bridge determined to be stable for scour.
- B = Scour appraisal completed. Bridge determined to be stable for scour, dependent upon designed, and functioning countermeasures.
- Blank because the bridge does not cross water

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| | | |
|--|---|--|
| B.C.07 Bridge Bearings Condition Rating ⓘ | 7 - GOOD - Some minor defects. | |
| B.C.08 Bridge Joints Condition Rating ⓘ | 6 - SATISFACTORY - Widespread minor or isolated moderate defects. | |
| B.C.09 Channel Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water. | |
| B.C.10 Channel Protection Condition Rating ⓘ | N - NOT APPLICABLE - Bridge does not cross over water or channel protection devices do not exist. | |
| B.C.11 Scour Condition Rating ⓘ | N - Bridge does not cross over water | |
| B.C.14 NSTM Inspection Condition ⓘ | | |
| B.C.15 Underwater Inspection Condition ⓘ | | |
| B.AP.01 Approach Roadway Alignment ⓘ | Good - Speed is no different on the bridge relative to the highway segment crossing the bridge | |

Other Inspection Info

| Other Inspection Info | Value | Note |
|---------------------------------|--------|------|
| Surface Thickness (In) ⓘ | no | |
| B.IR.02 Fatigue Prone Details ⓘ | | |
| B.IR.04 Complex Feature ⓘ | Bridge | |
| Pin & Hanger ⓘ | No | |
| B.AP.03 Scour Vulnerability ⓘ | | |

B.AP.03 Scour Vulnerability is blank for this bridge because it does not cross water.

Exit Inspection

SNBI Data Check

All SNBI data must be collected prior to moving a bridge to 48-months. The following pages walk-through which fields can and cannot be left blank.

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SNBI Identification

Identification

| | | | | | |
|--------------------------------|-----------------|--|-------------------|------------------------------|--|
| B.ID.01 Bridge Number | Cannot be blank | | B.W.01 Year Built | Cannot be blank | |
| Route | Cannot be blank | | Project Number | Can be left blank if unknown | |
| B.ID.02 Bridge Name | Cannot be blank | | Facility Type | Cannot be blank | |
| B.ID.03 Previous Bridge Number | Cannot be blank | | Total Num Spans | Cannot be blank | |
| Bridge Type | Cannot be blank | | | | |

Location

Location

| | | | | | |
|--------------------------------|-----------------|--|--|--|--|
| B.L.01 State Code | Cannot be blank | | End Latitude | Cannot be blank | |
| B.L.02 Parish | Cannot be blank | | End Longitude | Cannot be blank | |
| ON_OFF | Cannot be blank | | B.L.07 Border Bridge Number | Cannot be blank | |
| B.L.03 Place Code | Cannot be blank | | B.L.08 Border Bridge State or Country Code | Completed by HQ Can be left blank if B.L.07 is N | |
| B.L.04 Highway Agency District | Cannot be blank | | B.L.09 Border Bridge Inspection Responsibility | Completed by HQ Can be left blank if B.L.07 is N | |
| District Inspected By | Cannot be blank | | B.L.10 Border Bridge Designated Lead State | Completed by HQ Can be left blank if B.L.07 is N | |
| B.L.05 Latitude | Cannot be blank | | B.L.11 Bridge Location | Cannot be blank | |
| B.L.06 Longitude | Cannot be blank | | B.L.12 Metropolitan Planning Organization | Cannot be blank | |

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SNBI Identification

Classification

| | | |
|--|---|---|
| Classification | | |
| B.CL.01 Owner ⓘ | Cannot be blank | 🗨 |
| B.CL.02 Maintenance Responsibility ⓘ | Cannot be blank | 🗨 |
| B.CL.03 Federal or Tribal Land Access ⓘ | Cannot be blank | 🗨 |
| B.CL.04 Historic Significance ⓘ | Cannot be blank | 🗨 |
| SHPO Num ⓘ | Completed by HQ Can be left blank if non-historic | 🗨 |
| Preservation Category ⓘ | Completed by HQ Can be left blank if non-historic | 🗨 |
| B.CL.05 Toll ⓘ | Cannot be blank | 🗨 |
| B.CL.06 Emergency Evacuation Designation ⓘ | Cannot be blank | 🗨 |

Appraisal

| | | |
|--------------------------------------|--|---|
| Appraisal | | |
| B.AP.01 Approach Roadway Alignment ⓘ | Cannot be blank | 🗨 |
| B.AP.02 Overtopping Likelihood ⓘ | Can only be left blank if bridge does not cross water | 🗨 |
| B.AP.03 Scour Vulnerability ⓘ | Completed by HQ Can be left blank if bridge does not cross water | 🗨 |
| B.AP.04 Scour Plan of Action ⓘ | Completed by HQ Can be left blank if bridge does not cross water | 🗨 |
| B.AP.05 Seismic Vulnerability ⓘ | Cannot be blank | 🗨 |

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Span and Substructure Data Sets

Span Sets

Add

Every bridge MUST have at least 1 Span Span set.

| | B.SP.01A Span Set Designation | B.SP.01B Span Set Number | B.SP.02 Number of Spans | B.SP.03 Number of Beam Lines | B.SP.04 Span Material | B.SP.05 Span Continuity | B.SP.06 Span Type | B.SP.07 Span Protective System |
|--|-------------------------------|--------------------------|-------------------------|------------------------------|-----------------------|-------------------------|-------------------|--------------------------------|
| | Culvert | | | | | | | |

View B.SP.01A Span Set Designation: Main - Str # 000444

| | | | |
|-------------------------------|-----------------|--|--|
| B.SP.01A Span Set Designation | Main | B.SP.07 Span Protective System | Cannot be blank |
| B.SP.01B Span Set Number | Cannot be blank | B.SP.08 Deck Interaction | Can only be left blank for pipes and culverts under fill |
| B.SP.02 Number of Spans | Cannot be blank | B.SP.09 Deck Material and Type | Cannot be blank |
| B.SP.03 Number of Beam Lines | Cannot be blank | B.SP.10 Wearing Surface | Can only be left blank for pipes and culverts under fill |
| B.SP.04 Span Material | Cannot be blank | B.SP.11 Deck Protective System | Can only be left blank for pipes and culverts under fill |
| B.SP.05 Span Continuity | Cannot be blank | B.SP.12 Deck Reinforcing Protective System | Can only be left blank for pipes and culverts under fill |
| B.SP.06 Span Type | Cannot be blank | B.SP.13 Deck Stay-In-Place Forms | Can only be left blank for pipes and culverts under fill |

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Span and Substructure Data Sets

Substructure Sets

Add

| B.SB.01A Substructure Set Designation | B.SB.01B Substructure Set Number | B.SB.02 Number of Substructure Units | B.SB.03 Substructure Material (Caps) | B.SB.04 Substructure Type | B.SB.05 Substructure Protective System | B.SB.06 Foundation Type (Piles) | B.SB.07 Foundation Protective System |
|---------------------------------------|----------------------------------|--------------------------------------|--------------------------------------|---------------------------|--|---------------------------------|--------------------------------------|
| Pier/Bent | | | | | | | |

View B.SB.01A Substructure Set Designation: Abutment - Str # 000444

| | | | |
|---------------------------------------|-----------------|--|-----------------|
| B.SB.01A Substructure Set Designation | Abutment | B.SB.04 Substructure Type | Cannot be blank |
| B.SB.01B Substructure Set Number | Cannot be blank | B.SB.05 Substructure Protective System | Cannot be blank |
| B.SB.02 Number of Substructure Units | Cannot be blank | B.SB.06 Foundation Type (Piles) | Cannot be blank |
| B.SB.03 Substructure Material (Caps) | Cannot be blank | B.SB.07 Foundation Protective System | Cannot be blank |

SNBI Data Check

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SNBI Geometric Data

Geometric Data

Geometric Data

| | | |
|-------------------------------------|-----------------|--|
| B.G.01 NBIS Bridge Length | Cannot be blank | |
| B.G.02 Total Bridge Length | Cannot be blank | |
| B.G.03 Maximum Span Length | Cannot be blank | |
| B.G.04 Minimum Span Length | Cannot be blank | |
| B.G.05 Bridge Width Out-to-Out | Cannot be blank | |
| B.G.06 Bridge Width Curb-to-Curb | Cannot be blank | |
| B.G.07 Left Curb or Sidewalk Width | Cannot be blank | |
| B.G.08 Right Curb or Sidewalk Width | Cannot be blank | |

Geometric Data

| | | |
|-------------------------------|--|--|
| B.G.09 Approach Roadway Width | Cannot be blank | |
| B.G.10 Bridge Median | Cannot be blank | |
| B.G.11 Skew | Cannot be blank | |
| B.G.12 Curved Bridge | Cannot be blank | |
| B.G.13 Maximum Bridge Height | Cannot be blank | |
| B.G.14 Sidehill Bridge | Cannot be blank | |
| B.G.15 Irregular Deck Area | Can only be left blank when deck is <u>not</u> irregular | |

Road Side Hardware

Road Side Hardware

| | | |
|-------------------------|-----------------|--|
| B.RH.01 Bridge Railings | Cannot be blank | |
| B.RH.02 Transitions | Cannot be blank | |

SNBI Data Check

Every bridge must have at least 1 Highway Feature carried on the bridge and 1 other Feature carried below the bridge. The feature below the bridge could be another highway, a railroad, a waterway, or other (pathway, urban feature, dry terrain, waterway relief, or other).

When the feature carried **above** or **below** the bridge you are inventorying is an NBI bridge, enter only B.F.01, B.F.02, B.F.03, and B.H.18. No other B.H information is required.

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Features

Features (Highway) Add

| | B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name | B.H.01 Functional Classification | B.H.02 Urban Code | B.H.03 NHS Designation |
|-------|----------------------|------------------------|-------------------------|---------------------|----------------------------------|-------------------|------------------------|
| Go-To | Highway | 1 | Carried on bridge | | | | |
| Go-To | Highway | 2 | Below bridge | | | | |

View B.F.01A Feature Type: Highway - Str # 000444

| | |
|--|--|
| B.F.01A Feature Type | Highway |
| B.F.01B Feature Number | Cannot be blank |
| B.F.02 Feature Location | Cannot be blank |
| B.F.03 Feature Name | Cannot be blank |
| B.H.01 Functional Classification | Cannot be blank |
| B.H.02 Urban Code | Cannot be blank |
| B.H.03 NHS Designation | Cannot be blank |
| B.H.04 National Highway Freight Network | Cannot be blank |
| B.H.05 STRAHNET Designation | Cannot be blank |
| B.H.06 LRS Route ID | Cannot be blank |
| B.H.07 LRS Mile Point | Can only be left blank if LRS ID is unavailable - Contact HQ |
| B.H.08 Lanes On Highway | Cannot be blank |
| B.H.09 Annual Average Daily Traffic | Cannot be blank |
| B.H.10 Annual Average Daily Truck Traffic | Cannot be blank |
| B.H.11 Year of Annual Average Daily Traffic | Cannot be blank |
| B.H.12 Highway Maximum Usable Vertical Clearance | Cannot be blank |
| B.H.13 Highway Minimum Vertical Clearance | Cannot be blank |
| B.H.14 Highway Minimum Horizontal Clearance, Left | Only collected for the highway feature carried BELOW |
| B.H.15 Highway Minimum Horizontal Clearance, Right | Only collected for the highway feature carried BELOW |
| B.H.16 Highway Maximum Usable Surface Width | Cannot be blank |
| B.H.17 Bypass Detour Length | Cannot be blank |
| B.H.18 Crossing Bridge Number | Can be blank if bridge does not cross another bridge |

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Features

Features (Highway) Add

Go-To

Go-To

Child: Routes

| B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name | B.H.01 Functional Classification | B.H.02 Urban Code |
|----------------------|------------------------|-------------------------|---------------------|----------------------------------|-------------------|
| Highway | 1 | Carried on bridge | | | |
| Highway | 2 | Below bridge | | | |

Features: Highway

Routes Add

| B.RT.01 Route Designation (# Only) | B.RT.02 Route Number | B.RT.03 Route Direction | B.RT.04 Route Type | B.RT.05 Service Type |
|------------------------------------|----------------------|-------------------------|--------------------|----------------------|
| Cannot be blank | Cannot be blank | Cannot be blank | Cannot be blank | Cannot be blank |

Every highway feature also has associated Route information that must be collected. To access this, click the "Go-To" drop down menu and select "Child:Routes"

Ramps will have 2 route entries:
- one for the highway you are leaving
- one for the highway you are entering

Features: Highway



Routes Add

| B.RT.01 Route Designation (# Only) | B.RT.02 Route Number | B.RT.03 Route Direction | B.RT.04 Route Type | B.RT.05 Service Type |
|------------------------------------|----------------------|-------------------------|--------------------|----------------------|
| Cannot be blank | Cannot be blank | Cannot be blank | Cannot be blank | Cannot be blank |

SNBI Data Check

Features

Features (Railroad) Add

| | B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name | B.RR.01 Railroad Service Type | B.RR.02 Railroad Minimum Vertical Clearance | B.RR.03 Railroad Minimum Horizontal Offset |
|--|----------------------|------------------------|-------------------------|---------------------|-------------------------------|---|--|
|   | Railroad | 1 | | | | | |

View B.F.01A Feature Type: Railroad - Str # 000444

| | | | |
|---------------------------|-----------------|---|-----------------|
| B.F.01A Feature Type ⓘ | Railroad | B.RR.01 Railroad Service Type ⓘ | Cannot be blank |
| B.F.01B Feature Number ⓘ | Cannot be blank | B.RR.02 Railroad Minimum Vertical Clearance ⓘ | Cannot be blank |
| B.F.02 Feature Location ⓘ | Cannot be blank | B.RR.03 Railroad Minimum Horizontal Offset ⓘ | Cannot be blank |
| B.F.03 Feature Name ⓘ | Cannot be blank | | |

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Features (Waterway) Add

| | B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name | B.N.01 Navigable Waterway | B.N.02 Navigation Minimum Vertical Clearance | B.N.03 Movable Bridge Maximum Navigation Vertical Clearance | B.N.04 Navigation Channel Width | B.N.05 Navigation Channel Minimum Horizontal Clearance | B.N.06 Substructure Navigation Protection |
|--|----------------------|------------------------|-------------------------|---------------------|---------------------------|--|---|---------------------------------|--|---|
| | Waterway | 1 | Below bridge | | | | | | | |

View B.F.01A Feature Type: Waterway - Str # 000444

| | | | |
|---------------------------|-----------------|---|---|
| B.F.01A Feature Type | Waterway | B.N.02 Navigation Minimum Vertical Clearance | Completed by HQ Can be left blank if non-navigable |
| B.F.01B Feature Number | Cannot be blank | B.N.03 Movable Bridge Maximum Navigation Vertical Clearance | Completed by HQ Can be left blank if non-navigable |
| B.F.02 Feature Location | Cannot be blank | B.N.04 Navigation Channel Width | Completed by HQ Can be left blank if non-navigable |
| B.F.03 Feature Name | Cannot be blank | B.N.05 Navigation Channel Minimum Horizontal Clearance | Completed by HQ Can be left blank if non-navigable |
| B.N.01 Navigable Waterway | Cannot be blank | B.N.06 Substructure Navigation Protection | Completed by HQ Can be left blank if non-navigable |

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Features (Other) Add

| | B.F.01A Feature Type | B.F.01B Feature Number | B.F.02 Feature Location | B.F.03 Feature Name |
|--|---------------------------|------------------------|-------------------------|---------------------|
| <div><div></div><div></div><div></div></div> | Dry terrain or side slope | | | |

View B.F.01A Feature Type: Dry terrain or side slope - Str # 000444

| | | | |
|--------------------------|---------------------------|---------------------------|-----------------|
| B.F.01A Feature Type ⓘ | Dry terrain or side slope | B.F.02 Feature Location ⓘ | Cannot be blank |
| B.F.01B Feature Number ⓘ | Cannot be blank | B.F.03 Feature Name ⓘ | Cannot be blank |

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Inspection Date

| Inspection Frequency | Value |
|----------------------------|-----------------|
| Routine | |
| Date | Value |
| Inspection Begin Date | Cannot be blank |
| Inspection Completion Date | Cannot be blank |

Equipment

Equipment

Add

| | B.IE.12 Inspection Equipment | B.IE.12A Number of Hours |
|--|------------------------------|--------------------------|
| | Cannot be blank | Cannot be blank |

InspectX will auto-populate this field with the *Inspection Begin Date* if left blank. This is fine for inspections that take 1 day or less. Larger structures will require a manual input for *Inspection Completion Date*.

Note: When "No access equipment used" is selected, the Number of Hours can be input as 0, or the # of hours present, or left blank.

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SNBI Condition

Inspection Personnel

Inspection Personnel

Num Inspectors

Cannot be blank

Man-hours

Cannot be blank

Posting Information

| Posting Information | Value | Note |
|----------------------|---|------|
| Actual Detour Length | Cannot be blank | |
| Posted Load | Completed by HQ Cannot be blank | |
| Required Posting | Completed by HQ Cannot be blank | |
| EV Posted Load | Cannot be blank but won't affect moving to 48 months | |
| EV Required Posting | Completed by Load Rating - won't affect moving to 48 months | |

If EV Required Posting has a tonnage value (10, 20, 30, or 40) or states "Closed":
- EV Posted Load = "Y" if the signs are **present**
- EV Posted Load = "N" if the signs are **missing**

If EV Required Posting is blank:
- EV Posted Load = [Blank]

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Condition Rating

| Condition Rating | Value | Note |
|--|---|------|
| B.C.01 Deck Condition Rating ⓘ | Cannot be blank | |
| B.C.02 Superstructure Condition Rating ⓘ | Cannot be blank | |
| B.C.03 Substructure Condition Rating ⓘ | Cannot be blank | |
| B.C.04 Culvert Condition Rating ⓘ | Cannot be blank | |
| B.C.05 Bridge Railing Condition Rating ⓘ | Cannot be blank | |
| B.C.06 Bridge Railing Transitions Condition Rating ⓘ | Cannot be blank | |
| B.C.07 Bridge Bearings Condition Rating ⓘ | Cannot be blank | |
| B.C.08 Bridge Joints Condition Rating ⓘ | Cannot be blank | |
| B.C.09 Channel Condition Rating ⓘ | Cannot be blank | |
| B.C.10 Channel Protection Condition Rating ⓘ | Cannot be blank | |
| B.C.11 Scour Condition Rating ⓘ | Cannot be blank | |
| B.C.14 NSTM Inspection Condition ⓘ | Must be blank if NSTM Inspection is <u>not</u> required | |
| B.C.15 Underwater Inspection Condition ⓘ | Completed by HQ Must be left blank if bridge does not cross water | |
| B.AP.01 Approach Roadway Alignment ⓘ | Cannot be blank | |

Other Inspection Info

| Other Inspection Info | Value | Note |
|---------------------------------|---|------|
| Surface Thickness (In) ⓘ | Cannot be blank | |
| B.IR.02 Fatigue Prone Details ⓘ | Must be left blank if bridge is not steel | |
| B.IR.04 Complex Feature ⓘ | Cannot be blank | |
| Pin & Hanger ⓘ | Cannot be blank | |
| B.AP.03 Scour Vulnerability ⓘ | Completed by HQ Must be left blank if bridge does not cross water | |