

## ATTACHMENT 5.1

### Appendix/Attachment Title

Bridge Data Form for SCDOT Road Data Services

### Appendix/Attachment Revision and Year:

December 2024, V1

### Appendix/Attachment Introduction and Discussion

This form shall be used for the following requests by bridge inspectors to RDS and/or BrM Admins. District inspectors or consultant inspectors may contact SCDOT directly to request information or to request an information correction. When the form is complete, it may be sent directly using the submit buttons on the form.

### Appendix/Attachment Description

The form is available in many parts, please use the form needed for your use.

- Attachment 5.1-A (Request Asset ID)
- Attachment 5.1-B (Asset ID Retirement)
- Attachment 5.1-C (Data Correction) (Forms 1 and 2)

Using this form to update bridge information is only for fields that cannot be changed without RDS and/or BrM Admins. Items that cannot be changed by inspectors are listed on the following pages. The listed are organized by BrM Page.

Users can use this form to request a new Asset ID; A5.1-A shall be completed. The retirement of an Asset ID Number may only be requested when the bridge is closed to traffic permanently with no intentions to reopen or when a bridge is demolished. The retirement of an Asset ID Number shall not occur during the construction of a new bridge while the old bridge (with the old Asset ID Number) is still in service. The district and country where the bridge is located must accompany the request to retire an Asset ID Number.

When using A5.1A, include Route Type and Route Number in two separate fields if the bridge carries a roadway and/or if the bridge spans over a roadway.

### Inspection > Admin (Form 1)

NBI/SBI No.	Data Field	NBI/SBI No.	Data Field
N/A	Asset ID (Five Digit)	548	Underwater Inspection Category
008	NBI Structure No	522	NSTM Inspection Category
468	Structure Number	103	Temporary Structure
470	Bridge Name	422	Date of Temporary Structure
001A	State Code	412	Critical Security Bridge
001B	FHWA Region	457	Island Mobility Bridge
004	City/Town/Place Code	075A	Type of Work Proposed
098A	Border State	075B	Work Completed By
098B	Border Share Percent	076	Length of Structure Improvement
098A	Border FHWA Region	094	Bridge Improvement Cost
099	Border Structure Number	095	Roadway Improvement Cost
012	On/Off Agency System	096	Total Project Cost
021	Maintenance Responsibility	097	Year of Improvement Cost Estimate
022	Bridge Owner	453	Bridge with Complex Feature
437	County Responsibility	553	FHWA Complex Bridge
438	District Responsible for Inspection	554	Long Span Steel (LSS) Bridge

**Inspection > Admin (Form 1) (continued)**

NBI/SBI No.	Data Field	NBI/SBI No.	Data Field
439	Asset Management Bridge	555	Long Span Concrete (LSC) Bridge
N/A	Inspection Consultant (Prime) Responsible	556	Multi-Span Main (MSM) Bridge
543	Topside Inspection Category	557	Multi-Span Approach (MSA) Bridge

**Inspection > RDS (Road Data Services) (Form 2)**

NBI/SBI No.	Data Field	NBI/SBI No.	Data Field
002	Highway Agency District	020	Toll Facility
003	County Code	026	Functional Class of Inventory Route
005A	Inventory Rte. Position/Prefix (Route On/Off)	102	Traffic Direction
005B	Inventory Route Record Type	N/A	Speed (mph)
005C	Inventory Route Design Level of Service	N/A	ADT Class
005D	Inventory Route Designation	029	Recent Average Daily Traffic (ADT)
005E	Inventory Route Suffix	030	Year of Recent Average Daily Traffic (ADT)
006A	Feature(s) Intersected	114	Future Average Daily Traffic (ADT)
006B	Critical Facility	115	Year of Future Average Daily Traffic (ADT)
007	Facility Carried by Structure	109	ADT Truck Traffic Percentage
009	Location	100	Defense Highway (STRAHNET Designation)
475	Metropolitan Planning Organization (MPO)	104	Highway System of the Inventory Route
474	Route Auxiliary	105	Federal Lands Highway
011	Mile Point (mi)	110	Designated National Truck Network
012	Route Base Highway Network	019	Bypass / Detour Length
013A	LRS Inventory Route	416	Evacuation Route
013B	LRS Inventory Route Sub Route Number	469	Road/Route Name

**Inspection > Sketches > Clearance Dimensions (Form 3)**

NBI/SBI No.	Data Field	NBI/SBI No.	Data Field
005A	Route Position/Prefix (Route On/Off)	469	Road/Route Name