Small Bridge Inventory Form (Page 1 of 2)

Revised 08/09/2021

COMMON INVENTORY ITEMS						
Location						
Item 1	County Name					
Item 2	Town or Township Name					
Item 3	Road System	☐ Township ☐ County Secondary	☐ County ☐ Other			
Item 4	Small Structure Local Identifier					
Item 5	Sequence Number					
Item 6	Inventoried By					
Item 7	Inventory Date	// 20				
Item 8	Latitude		decimal degrees			
Item 9	Longitude		decimal degrees			
Item 10	Small Structure Number	-	(to be assigned later)			
Road A	Attributes					
Item 11	Road Name					
Item 12	Road Maintenance Level	☐ Full Maintenance ☐ Minimum Maintenance	☐ No Maintenance			
Item 13	Road Surface	☐ Dirt ☐ Gravel ☐ Blotter	☐ Asphalt Mat ☐ Concrete ☐ Other			
	Number Served	☐ Not a Dead End ☐ No homes, farms, ranches ☐ 1 home, farm, or ranch ☐ More than 1 home, farm, or ranch				
Item 15	Detour Length	miles				
(Items 16 – 49 are used only for Box and Pipe Culverts)						

SMALL BRIDGE INVENTORY ITEMS					
Bridge Attributes					
Item 50	Structure Design Type	☐ Slab ☐ Girder ☐ Box Beam ☐ Channel Beam ☐ Tee Beam ☐ Deck Truss	☐ Through Truss ☐ Deck Arch ☐ Through Arch ☐ Rigid Frame ☐ Combination ☐ Other		
Item 51	Structure Material	☐ Concrete ☐ Steel ☐ Prestressed Concrete	☐ Wood ☐ Masonry ☐ Other		
	Dimensions				
Item 52	Overall Length	feet			
	NBIS Length	feet			
Item 54	Number of Spans	spans			
Item 55	Traffic Lanes	lanes			
Item 56	Deck Width	feet			
Item 57	Roadway Width	feet			
	Skew Angle	degrees			
Bridge	Condition				
Item 59	Deck Condition	☐ Good ☐ Fair	☐ Poor ☐ Critical		
Item 60	Superstructure Condition	☐ Good ☐ Fair	☐ Poor ☐ Critical		
Item 61	Substructure Condition	☐ Good ☐ Fair	☐ Poor ☐ Critical		
Item 62	Channel Condition	☐ Good ☐ Fair	☐ Poor ☐ Critical		
Item 63	Bridge Rail Condition	☐ Railing runs full bridge length in sound condition ☐ Railing is partially missing or needs repair ☐ No functional railing is present			
Item 64	Approach Rail	Railing is present and in sound condition Railing is partially missing or needs repair No functional railing is present			

South Dakota Small Structure Inventory F	orn	n
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Small Bridge Inventory Form (Page 2 of 2)

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SMALL STRUCTURE SUMMARY ITEMS							
Summary							
Item 65	Year Constructed						
Item 66	Overall Condition	☐ Good ☐ Fair	☐ Poor ☐ Critical				
Item 67	Other Comments						
Item 68	Traffic Status	□ Open without load restr□ Posted for load□ Closed to all traffic	iction				
Item 69	Axle Weight Load Posting	tons					
Item 70	Load Posting for Single Unit Vehicles	tons					
Item 71	Load Posting for Combination Vehicles	tons					
Item 72	Load Rating Evaluation Recommended	□Yes	□No				
Item 73	Further Inspection Needed	□Yes	□No				
Photographs (Optional) Identify the filename of each photograph image file							
tem 74	Roadway Photograph						
tem 75	Inlet Photograph						
tem 76	Upstream Photograph						
tem 77	Outlet Photograph						
tem 78	Downstream Photograph						