

COMMON INVENTORY ITEMS		
Location		
Item 1	County Name	
Item 2	Town or Township Name	
Item 3	Road System	<input type="checkbox"/> Township <input type="checkbox"/> County <input type="checkbox"/> County Secondary <input type="checkbox"/> 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 Attributes		
Item 11	Road Name	
Item 12	Road Maintenance Level	<input type="checkbox"/> Full Maintenance <input type="checkbox"/> No Maintenance <input type="checkbox"/> Minimum Maintenance
Item 13	Road Surface	<input type="checkbox"/> Dirt <input type="checkbox"/> Asphalt Mat <input type="checkbox"/> Gravel <input type="checkbox"/> Concrete <input type="checkbox"/> Blotter <input type="checkbox"/> Other
Item 14	Number Served	<input type="checkbox"/> Not a Dead End <input type="checkbox"/> No homes, farms, ranches <input type="checkbox"/> 1 home, farm, or ranch <input type="checkbox"/> More than 1 home, farm, or ranch
Item 15	Detour Length	_____ miles
CULVERT INVENTORY ITEMS		
Culvert Attributes		
Item 16	Culvert Purpose	<input type="checkbox"/> Drainage <input type="checkbox"/> Livestock Passage <input type="checkbox"/> Drainage & Livestock Passage <input type="checkbox"/> Pedestrian or Bicycle Trail <input type="checkbox"/> Other
Item 17	Culvert Location	<input type="checkbox"/> Culvert lies under mainline <input type="checkbox"/> Culvert lies under approach <input type="checkbox"/> Other

Item 18	Water Overtop Frequency	<input type="checkbox"/> Unknown <input type="checkbox"/> Every five years <input type="checkbox"/> Multiple times per year <input type="checkbox"/> Every ten years <input type="checkbox"/> Yearly <input type="checkbox"/> Every 20 years <input type="checkbox"/> Every two years <input type="checkbox"/> Rarely or never
Item 19	Culvert Type	<input type="checkbox"/> Box Culvert <input type="checkbox"/> Multi-Plate <input type="checkbox"/> Pipe <input type="checkbox"/> Other
Item 20	Number of Cells	_____ cells
Item 21	Material	<input type="checkbox"/> Precast concrete <input type="checkbox"/> PP (polypropylene) <input type="checkbox"/> Cast-in-place concrete <input type="checkbox"/> PVC <input type="checkbox"/> Galvanized steel <input type="checkbox"/> Wood <input type="checkbox"/> Aluminized steel <input type="checkbox"/> Masonry <input type="checkbox"/> Steel <input type="checkbox"/> Other <input type="checkbox"/> HDPE
Item 22	Lining	<input type="checkbox"/> Lining Present <input type="checkbox"/> No Lining
Culvert Dimensions		
Item 23	Shape	<input type="checkbox"/> Round <input type="checkbox"/> Rectangle <input type="checkbox"/> Pipe Arch <input type="checkbox"/> Cattle Pass <input type="checkbox"/> Arch <input type="checkbox"/> Open Bottom <input type="checkbox"/> Elliptical <input type="checkbox"/> Other
Item 24	Span	_____ inches
Item 25	Rise	_____ inches
Item 26	Barrel Length	_____ feet
Item 27	Length Along Roadway	_____ feet
Item 28	Skew Angle	_____ degrees
Item 29	Cover Height	_____ feet
Culvert Condition		
Item 30	Crushing	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe
Item 31	Joint Separation	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe
Item 32	Infiltration	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe
Item 33	Material Deterioration	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe
Item 34	Damage	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe
Item 35	Plugging	<input type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Mild <input type="checkbox"/> Severe

Item 36	Embankment Settlement	<input type="checkbox"/> None <input type="checkbox"/> Mild	<input type="checkbox"/> Moderate <input type="checkbox"/> Severe
Item 37	Road Surface Distress	<input type="checkbox"/> Road surface distress present <input type="checkbox"/> No road surface distress present	
Culvert Inlet			
Item 38	Inlet End Treatment	<input type="checkbox"/> None <input type="checkbox"/> Flared End <input type="checkbox"/> Sloped End	<input type="checkbox"/> Sectional End <input type="checkbox"/> Headwall
Item 39	Perched Inlet	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Item 40	Inlet Water Level	<input type="checkbox"/> None (no water present) <input type="checkbox"/> Water level below culvert <input type="checkbox"/> Culvert partially filled <input type="checkbox"/> Culvert submerged	
Item 41	Inlet Erosion Control	<input type="checkbox"/> None <input type="checkbox"/> Rip rap <input type="checkbox"/> Gabion baskets	<input type="checkbox"/> Geogrid <input type="checkbox"/> Energy dissipator
Item 42	Inlet Erosion	<input type="checkbox"/> None <input type="checkbox"/> Mild	<input type="checkbox"/> Moderate <input type="checkbox"/> Severe
Item 43	Inlet Erosion Outside of Right of Way	<input type="checkbox"/> Erosion extends outside of right of way <input type="checkbox"/> No erosion outside of right of way	
Culvert Outlet			
Item 44	Outlet End Treatment	<input type="checkbox"/> None <input type="checkbox"/> Flared End <input type="checkbox"/> Sloped End	<input type="checkbox"/> Sectional End <input type="checkbox"/> Headwall
Item 45	Perched Outlet	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Item 46	Outlet Water Level	<input type="checkbox"/> None (no water present) <input type="checkbox"/> Water level below culvert <input type="checkbox"/> Culvert partially filled <input type="checkbox"/> Culvert submerged	
Item 47	Outlet Erosion Control	<input type="checkbox"/> None <input type="checkbox"/> Rip rap <input type="checkbox"/> Gabion baskets <input type="checkbox"/> Geogrid	<input type="checkbox"/> Energy dissipator <input type="checkbox"/> Drop Structure <input type="checkbox"/> Lined Channel
Item 48	Outlet Erosion	<input type="checkbox"/> None <input type="checkbox"/> Mild	<input type="checkbox"/> Moderate <input type="checkbox"/> Severe
Item 49	Outlet Erosion Outside of Right of Way	<input type="checkbox"/> Erosion extends outside of right of way <input type="checkbox"/> No erosion outside of right of way	
<i>(Items 50 – 64 are used only for Small Bridges)</i>			

SMALL STRUCTURE SUMMARY ITEMS			
Summary			
Item 65	Year Constructed		
Item 66	Overall Condition	<input type="checkbox"/> Good <input type="checkbox"/> Fair	<input type="checkbox"/> Poor <input type="checkbox"/> Critical
Item 67	Other Comments		
Item 68	Traffic Status	<input type="checkbox"/> Open without load restriction <input type="checkbox"/> Posted for load <input type="checkbox"/> Closed to all traffic	
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	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Item 73	Further Inspection Needed	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Photographs (Optional) Identify the filename of each photograph image file			
Item 74	Roadway Photograph		
Item 75	Inlet Photograph		
Item 76	Upstream Photograph		
Item 77	Outlet Photograph		
Item 78	Downstream Photograph		

Instructions: Use this form with the Small Structure Inventory Handbook. Use a separate form for each Small Structure inventoried. (If a group of culverts consists of different types, sizes, or conditions, use a separate form for each.) Information on this form must be entered into the Small Structure Inventory Spreadsheet for submission to the Statewide Small Structure Database.