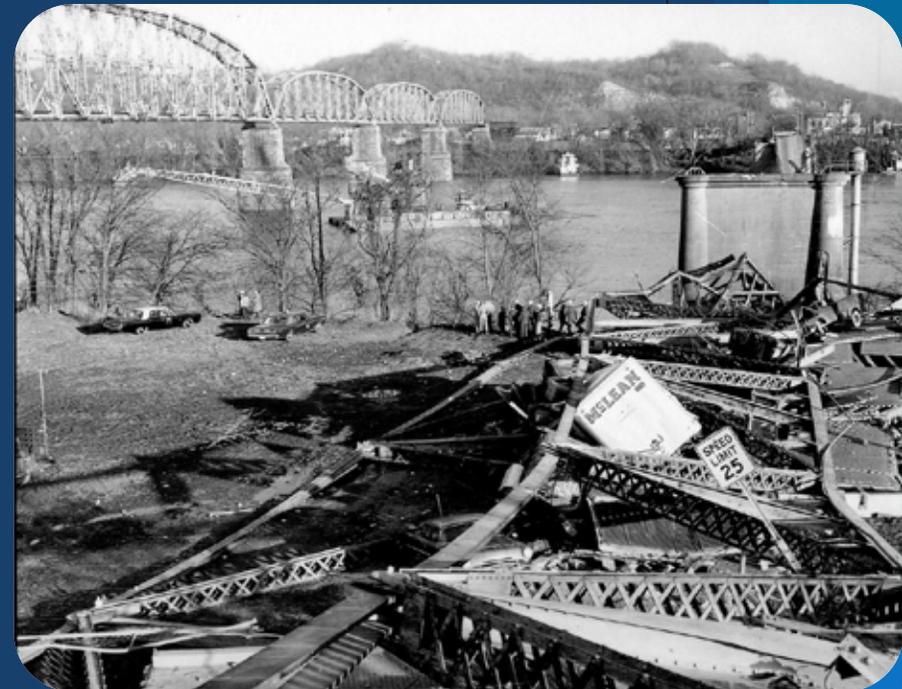


National Bridge Inspection Program

National Bridge Inspection Program

- Silver Bridge located in Point Pleasant, West Virginia
- Collapsed December 15th, 1967
- FHWA established the National Bridge Inspection Program (NBIP) to ensure the SAFETY of public bridges



National Bridge Inspection Program cont'd

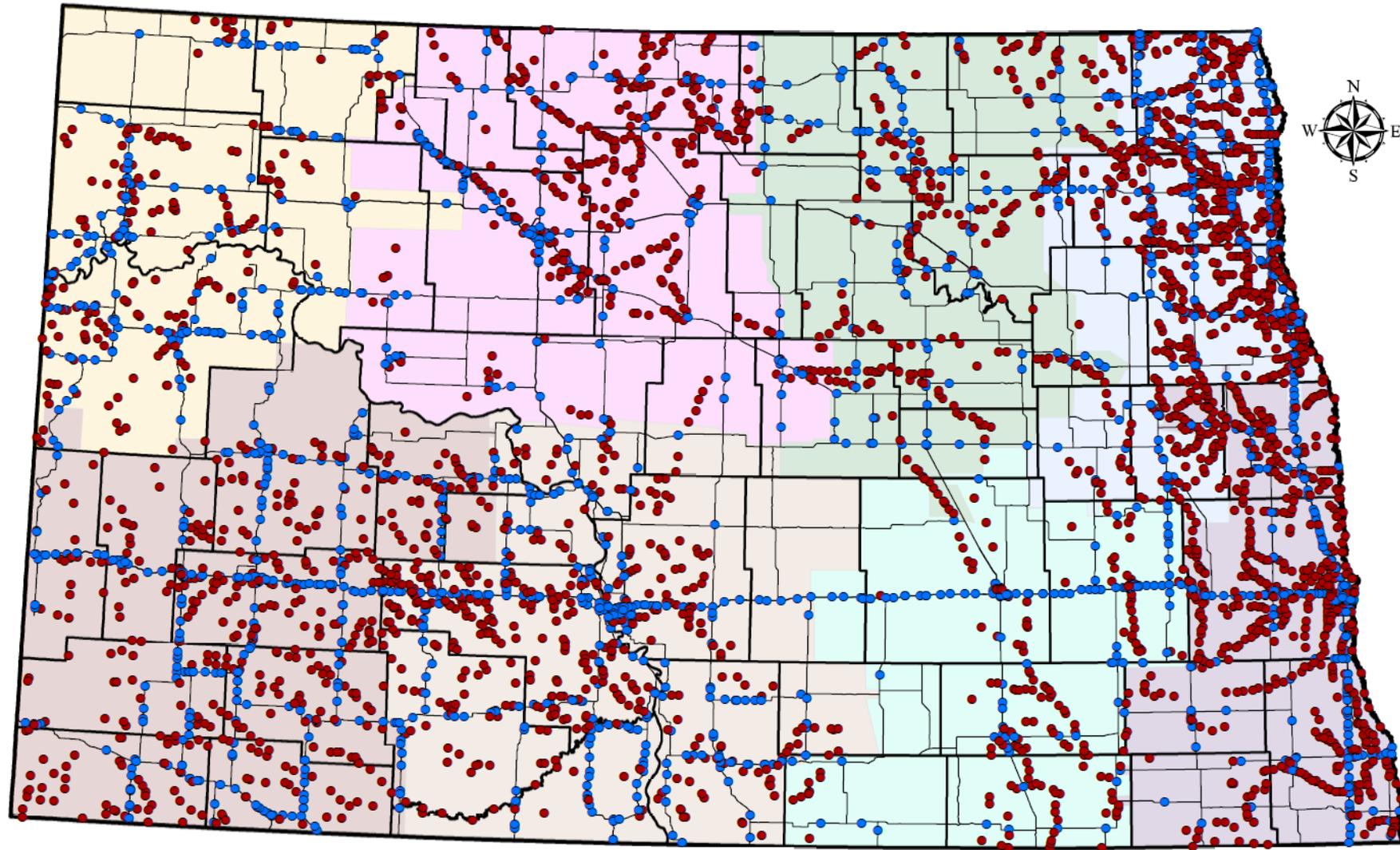
- u Code of Federal Regulations (CFR)
 - u Qualifications of Personnel
 - u Inspection Frequency
 - u Inspection Procedures
 - u Inventory



Inspection Type	Inspection Interval
Initial	Initial inspection upon completion of a: 1. New Structure or 2. Major Structure Rehabilitation



State & Local Bridges

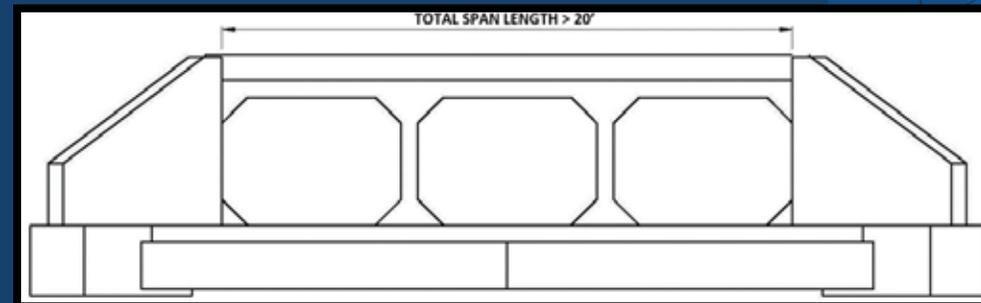
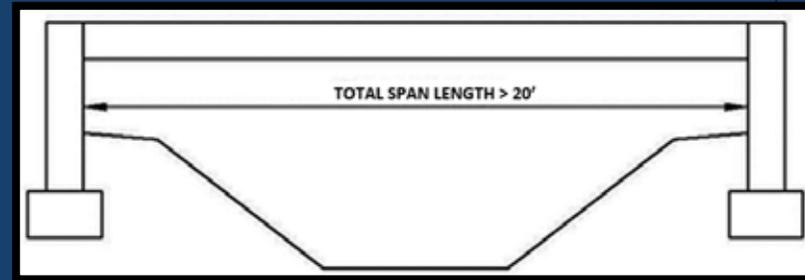
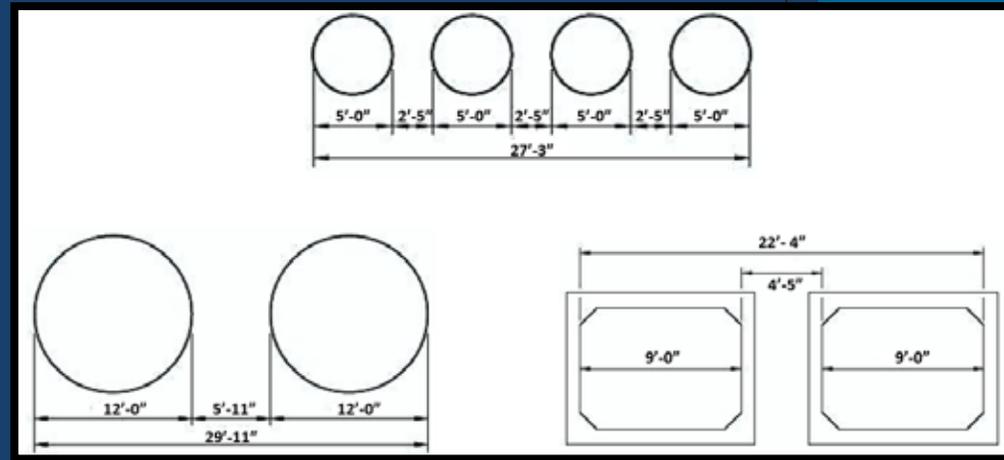


Bridges on Inventory

- 1,755 State
- 3,200 Local

Size Requirements for Inspection

System	Structure Type	Inspection Requirements
State Highway	BRIDGES	All Bridges
	REINFORCED BOX CULVERT	All Boxes
	MULTIPLE PIPE	Total Span Length > 20'
	METAL PIPE CULVERTS	
LPA Owned	BRIDGES	Total Span Length > 20'
	REINFORCED BOX CULVERT	Total Span Length > 20'
	MULTIPLE PIPE	Total Span Length > 20'



Ancillary Structures:

- High Mast Lights
- Sign Trusses
- Cantilever Signs
- Bridge Mounted Signs
- Signal Standards
- Light Standards

Traveling
public's
view



Vehicle Damage



Rusted Bearings



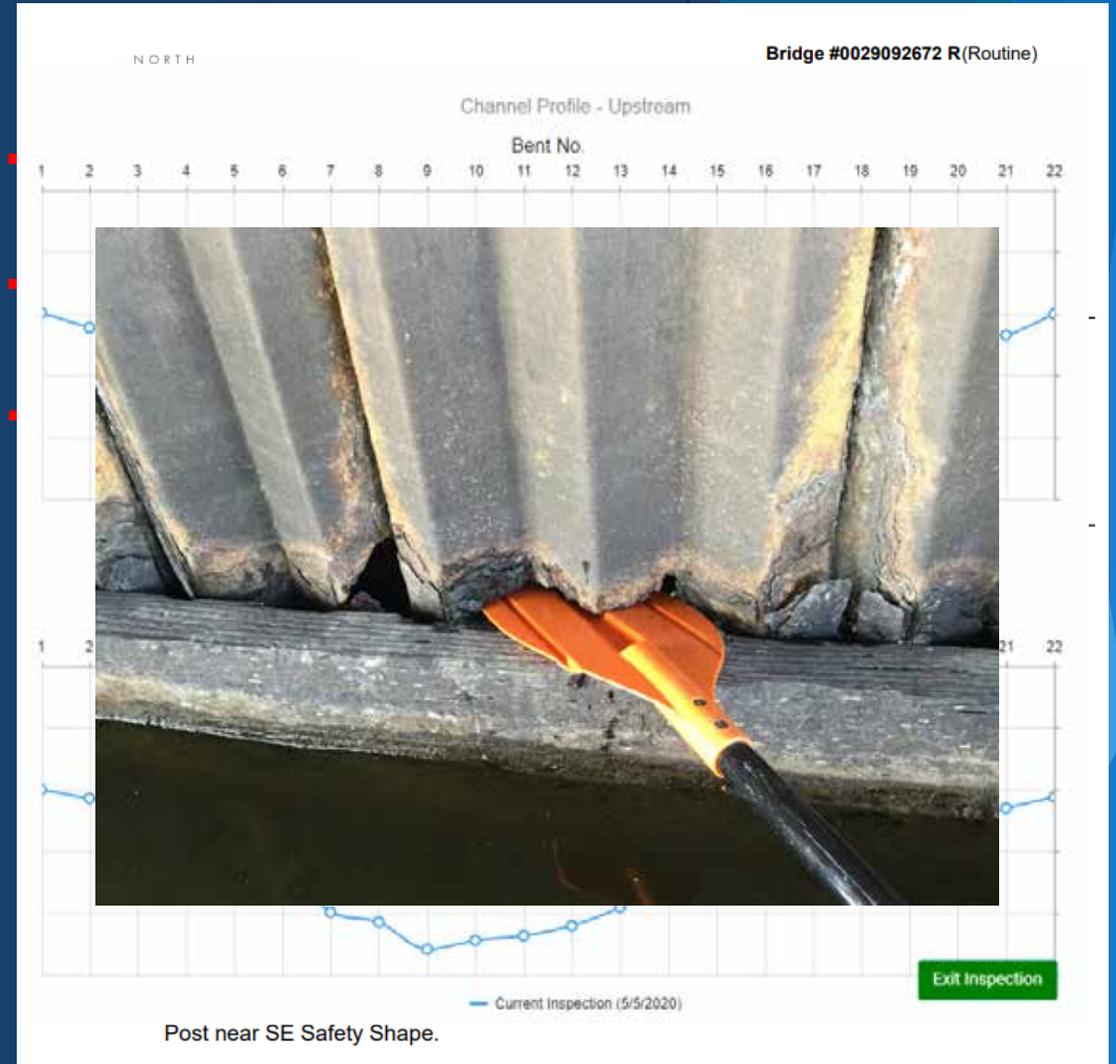
Floor Beam Connection Missing Bolts

Reoccurring Issue on the Deck



Inspection Requirements

- ▢ Record NBI Coding
- ▢ Record Element
- ▢ Record Element Defects
- ▢ Take Structure and Defect Photos
- ▢ Critical Findings
- ▢ Properly Posted
- ▢ Maintenance Recommendations
- ▢ Record Channel Cross Sections



QC/QA Program

- 1 of the 23 Metrics
- QC/QA Program addresses:
 - Organization and Staffing
 - Review of Field Inspections
 - Review of Bridge Record Keeping



Latitude:46.26167, Longitude:-96.83167

Route:00013 Log:380.113

District 68, Richland

Owner: 1-State Highway Agency

Place Code: MOORETON TOWNSHIP