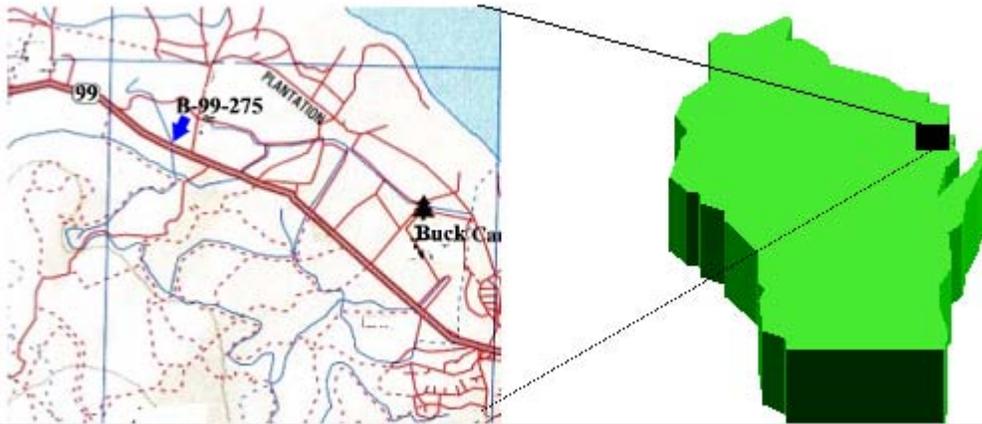


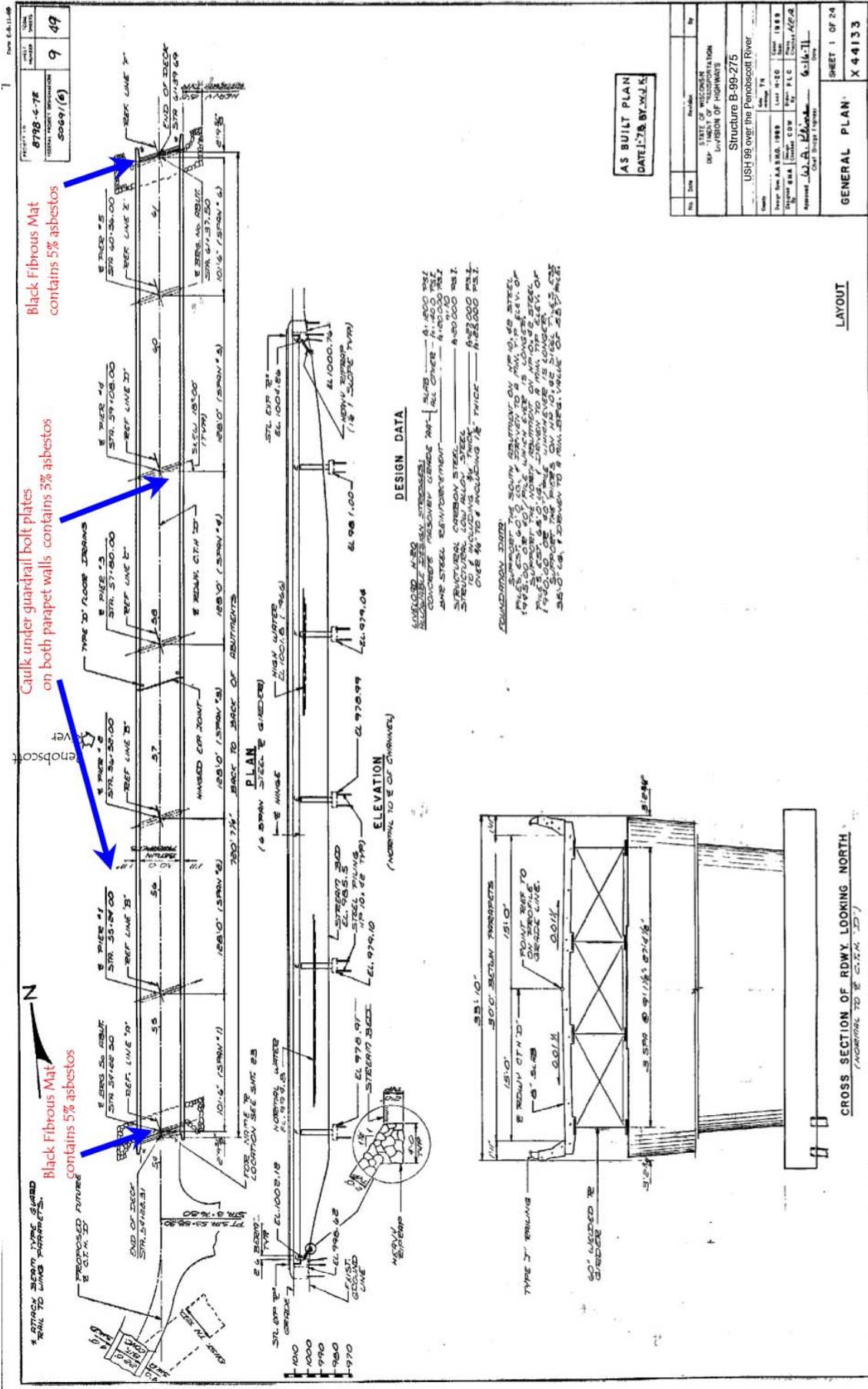
WisDOT Project 1999-03-25

**Structure B-99-275**  
**USH 99 over the Penobscott River**  
**Templeton County, WI**  
**Inspected 9-29-2004**  
**Sutliff Cochrane, inspector**  
**License # AXX-1032089**  
**Cochrane, Sanderson and Smede Environmental Services, Inc.**  
**Asbestos Containing Material (ACM) IS present on this structure.**



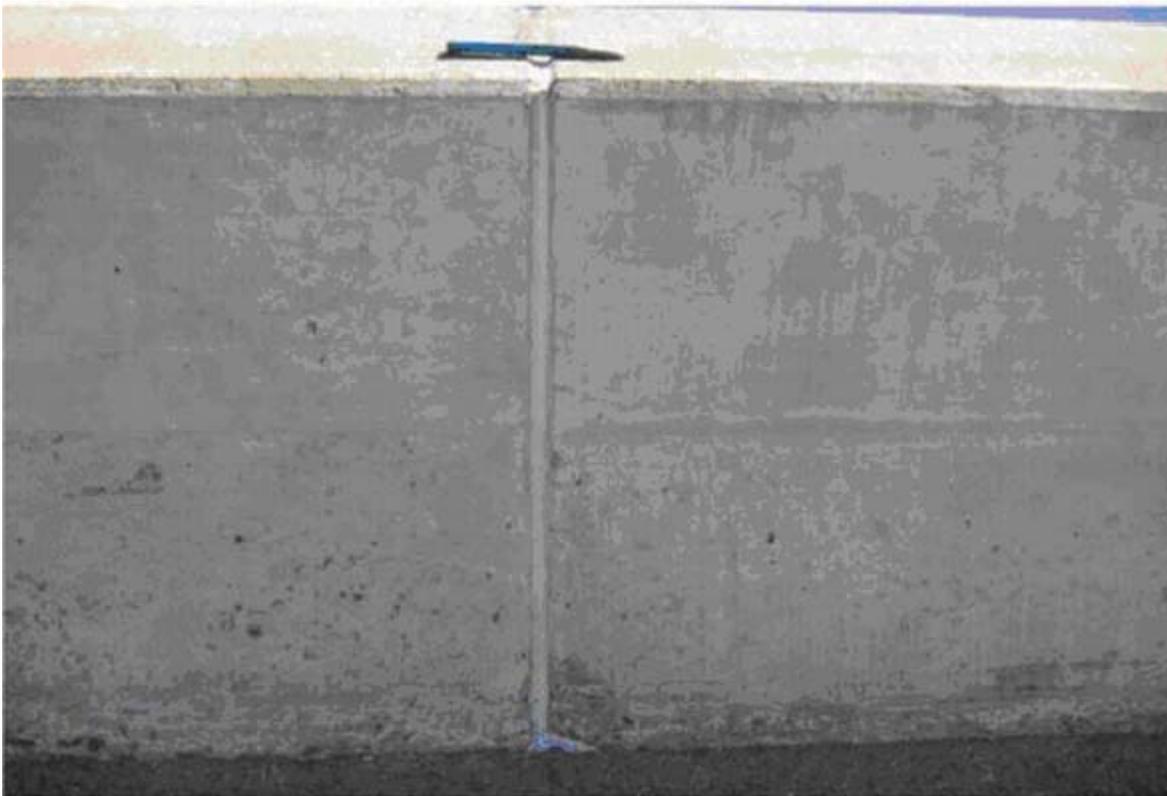
Sample #	Description	Sample location	Analytical Results and method	Category I or II non-friable or Friable or No ACM	Total Amount of Material on structure
S01275	Whitish-gray grout	Under guardrail bolt plates	3% Chrysotile asbestos by PLM	Friable	6"x6" per bracket = 36 in <sup>2</sup> x 144 in <sup>2</sup> /ft <sup>2</sup> = .25 ft <sup>2</sup> /bracket X 24 brackets bridge = <b>6 ft<sup>2</sup></b>
S02275	Gray caulk	In ends of expansion joint gaskets	100% non-fibrous material	No ACM	1"x1" /end of joint x 2 ends/joint x 4 joints = 8 in <sup>2</sup> x 144 in <sup>2</sup> /ft <sup>2</sup> = <b>.05 ft<sup>2</sup></b>
S03275	Black Caulk	Between wingwall and bridge abutment, both ends of bridge	5% Crocidilite asbestos by PLM	Category II Non-friable	2'x5' = 10 ft <sup>2</sup> / wing wall x 4 wingwalls = <b>40 ft<sup>2</sup></b>
S04275	Blue-gray caulk	In parapet joints	100% non-fibrous material	No ACM	1"x24" = 24 in <sup>2</sup> /joint x 144 in <sup>2</sup> /ft <sup>2</sup> = .16 ft <sup>2</sup> /joint x 58 joints = <b>9.28 ft<sup>2</sup></b>

All samples were collected following WisDOT standard sampling procedure for bridge inspections found in [FDM 21-35-40](#), with the exception of the use of a 6" ruler for scale in the sample location photos.





Structure B-99-275 looking North, arrows indicate sample collection locations.



Sample S04275

Sharpie marker pen substituted for 6" ruler in this photo



S01275 Grout under guardrail bolt plate. Sampling knife substituted for 6" ruler



S02275 Caulk in expansion joint



S03275 black caulk at wingwall. Sharpie marker pen substituted for 6" ruler.

Fax received 10-1-2004 from 608-266-7818

AbacadecE Analytical Services

AbacadecE Analytical Services  
 2398 Education Drive  
 Middlebury, WI 53333  
 Phone (608) 266-1476  
 Fax: (608) 266-7818  
 Laboratory Certification # QI 43455T

Report #24567TOQ

Prepared for: Cochrane, Sanderson and Smede Environmental Services Inc.

Attn: Sutliff Cochrane

Customer ID: TR7896UP

Samples received: 9-30-04 10:25 am via UPS.

Analysis conducted: 10-1-04

Bulk samples analyzed using EPA method 600/R-93/116 using Polarized Light Microscopy (PLM).

Client's Sample Number	Location	Appearance & Condition received	Treatment	Fibrous or non-Fibrous and %	Asbestos % and type
S01275	B-99-275	Gray cementitious non-fibrous, homogenous wet	Teased and dissolved	Fibrous 5% Non-Fibrous 95%	3% Chrysotile asbestos
S02275	B-99-275	Gray, plasticine, non-fibrous, homogenous wet	Teased and dissolved	100% non-fibrous	None detected
S03275	B-99-275	Black, tarry, homogenous wet	Teased and dissolved	50% fibrous (45% synthetic fibers) 50% non-fibrous	5% Crocidilite asbestos
S04275	B-99-275	Blue-gray Plasticine Non-fibrous Homogenous wet	Teased and dissolved	100% non-fibrous	None detected