TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Latitude:35.48103, Longitude:-89.04344

Region 04, 57 - Madison County

Team Leader: Bretlyn Opfer

Inspectors: Kyler Wattenbarger

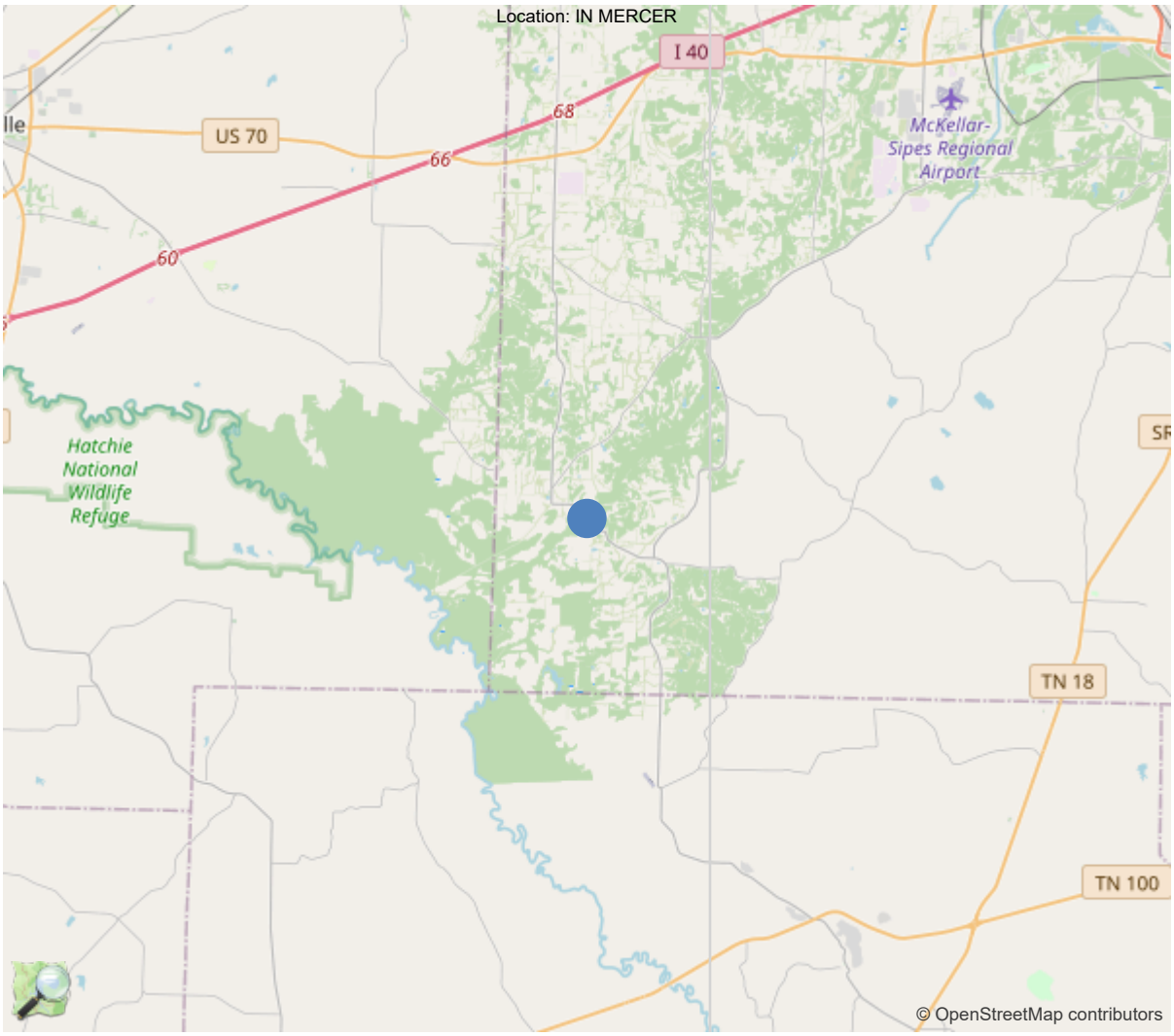
PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



HWY. 138 Crossing OVERFLOW

35.48103, -89.04344

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

Region: 04, **County:** 57 - Madison

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

Inspection Date(s):	05/22/2025 - 05/22/2025
Posting status	PP - PP Permanent - Posted
Change date	07/17/2017

Item	Condition Description	Rating
B.C.01	Deck	8
B.C.02	Superstructure	4
B.C.03	Substructure	5
B.C.04	Culvert	N
B.C.05	Bridge Railing	6
B.C.06	Bridge Railing Transitions	N
B.C.07	Bridge Bearings	N
B.C.08	Bridge Joints	N
B.C.09	Channel	7
B.C.10	Channel Protection	8
B.C.11	Scour Condition Rating	8
B.C.14	NSTM Inspection Condition	
B.C.15	Underwater Inspection Condition	
521	Overall Condition	P - Poor

N	NOT APPLICABLE	Component does not exist.
9	EXCELLENT	Isolated inherent defects.
8	VERY GOOD	Some inherent defects.
7	GOOD	Some minor defects.
6	SATISFACTORY	Widespread minor or isolated moderate defects.
5	FAIR	Some moderate defects: strength and performance of the component are not affected.
4	POOR	Widespread moderate or isolated major defects: strength and/or performance of the component is affected.
3	SERIOUS	Major defects: strength and/or performance of the component is seriously affected. Condition typically necessitates more frequent monitoring, load restrictions, and/or corrective actions.
2	CRITICAL	Major defects: component is severely compromised. Condition typically necessitates frequent monitoring, significant load restrictions, and/or corrective actions in order to keep the bridge open.
1	IMMINENT FAILURE	Bridge is closed to traffic due to component condition. Repair or rehabilitation may return the bridge to service.
0	FAILED	Bridge is closed due to component condition and is beyond corrective action. Replacement is required to restore service.

Latitude	Longitude
35.481028,	-89.043444

Team Leader Signature

Bret Lyn Opfer

07/29/2025 2:07:55 PM

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

IDENTIFICATION	
(1) State Names	47 - Tennessee
(8) Structure Number	57SR1380007
(5) Inventory Route	1
(2) Highway Agency District	Region 4
(3) County Code	57 - Madison
(4) Place Code	00000
(6) Features Intersected	OVERFLOW
(7) Facility Carried	FAS 138
(9) Location	IN MERCER
(11) Mile Point	4.690 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	
(16) Latitude	35.481028
(17) Longitude	-89.043444
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1 - Concrete
Type	22 - Channel beam
(44) Approach Structure Type	00
Material	0 - Other / None
Type	0 - Other / None
(45) No. of Spans in Main Unit	3
(46) No. of Approach Spans	0
(107) Deck Structure Type	2 - Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1949
(106) Year Reconstructed	1990
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	866
(30) Year of ADT	2021
(109) Truck ADT	5 %
(19) Bypass, Detour Length	64 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	18.0 ft
(49) Structure Length	53.0 ft
(50) Curb or Sidewalk Width	
Left	0.0 ft
Right	0.0 ft
(51) Bridge Roadway Width Curb to Curb	21.0 ft
(52) Deck Width Out to Out	22.0 ft
(32) Approach Roadway Width (W/Shoulders)	27.5 ft
(33) Bridge Median	0 - No median
(34) Skew	90 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	27.5 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0.00 ft
Ref:	
(55) Min Lat Underclear RT	0.0 ft
Ref:	
(56) Min Lat Underclear LT	0.0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	
(39) Navigation Vertical Clearance	0.0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	ft
(40) Navigation Horizontal Clearance	0.0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	7 - Rural Major Collector
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exis
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structu
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	4 - Historical significance is
CONDITION	
(58) Deck	4
(59) Superstructure	4
(60) Substructure	5
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	8
(64) Operating Rating	
Type	8 - Load and Resistance Factor Rating (LRF
Rating	25.92
(65) Inventory Rating Method	8 - Load and Resistance Factor
(66) Inventory Rating	
Type	
Rating	20.09
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	P - Posted for load (may inclu
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	3 - Bridge is scour critical; bridg
PROPOSED IMPROVEMENTS	
(75) Type of Work	35 - Bridge rehabilitation bec
(76) Length of Structure Improvement	50.9 ft
(94) Bridge Improvement Cost	$ 246
(95) Roadway Improvement Cost	$ 25
(96) Total Project Cost	$ 370
(97) Year of Improvement Cost Estimate	2021
(114) Future ADT	1278
(115) Year of Future ADT	2041

INSPECTIONS *			
(90) Inspection Date			05/22/2025
(91) Frequency			24
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		

* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

SNBI Data

IDENTIFICATION	
B.ID.01 Bridge Number	57SR1380007
B.ID.02 Bridge Name	
B.ID.03 Previous Bridge No.	
B.W.01 Year Built	1949

LOCATION	
B.L.01 State Code	47 - Tennessee
B.L.02 County Code	57 - Madison
B.L.03 Place Code	00000
B.L.04 Highway Agency District	04
B.L.05 Latitude	35.481028
B.L.06 Longitude	-89.043444
B.L.07 Border Bridge Number	
B.L.08 Border Bridge State or Country Code	
B.L.09 Border Bridge Insp. Resp.	
B.L.10 Border Bridge Designated Lead State	
B.L.11 Bridge Location	IN MERCER
B.L.12 Metropolitan Planning Organization	Jackson

CLASSIFICATION	
B.CL.01 Owner	S01 - State transportation departme
B.CL.02 Maint. Responsibility	S01 - State transportation departme
B.CL.03 Federal or Tribal Land Access	N - Not Applicable
B.CL.04 Historic Significance	7 - Historic significance of the br
B.CL.05 Toll	N - Bridge does not carry a toll ro
B.CL.06 Emergency Evacuation Designation	N - Not an Emergency evacuation rou

ROADSIDE HARDWARE	
B.RH.01 Bridge Railings	I - Bridge rail does not match know
B.RH.02 Transitions	0 - Approach Transition Rail requir

BRIDGE GEOMETRY	
B.G.01 NBIS Bridge Length	51.0
B.G.02 Total Bridge Length	53.0
B.G.03 Max Span Length	18.0
B.G.04 Min Span Length	17.0
B.G.05 Bridge Width Out-to-Out	28.5
B.G.06 Bridge Width Curb-to-Curb	27.5
B.G.07 Left Curb or Sidewalk Width	0.0
B.G.08 Right Curb or Sidewalk Width	0.0
B.G.09 Approach Roadway Width	24.0
B.G.10 Bridge Median	0 - No median
B.G.11 Skew	0
B.G.12 Curved Bridge	N - Not curved
B.G.13 Max Bridge Height	4
B.G.14 Sidehill Bridge	N - Not a sidehill bridge
B.G.15 Irregular Deck Area	
B.G.16 Calculated Deck Area	1510.5

LOADS AND LOAD RATING	
B.LR.01 Design Load	H15 - H-15
B.LR.02 Design Method	
B.LR.03 Load Rating Date	
B.LR.04 Load Rating Method	LRFR - Load and Resistance Factor R
B.LR.05 Inventory Load Rating Factor	0.62
B.LR.06 Operating Load Rating Factor	0.80
B.LR.07 Controlling Legal Load Rating Factor	1.10
B.LR.08 Routine Permit Loads	C - Bridge does not carry routine p

INSPECTION REQUIREMENTS	
B.IR.01 NSTM Inspection Required	N - NSTM inspection not required.
B.IR.02 Fatigue Details	
B.IR.03 UW Inspection Required	N - Underwater inspection not requi
B.IR.04 Complex Feature	N - Bridge does not have complex fe

COMPONENT CONDITION RATINGS	
B.C.01 Deck Condition Rating	8 - VERY GOOD - Some inherent
B.C.02 Superstructure Condition	4 - POOR - Widespread moderate
B.C.03 Substructure Condition	5 - FAIR - Some moderate defec
B.C.04 Culvert Condition Rating	N - NOT APPLICABLE - Component
B.C.05 Bridge Railing Condition	6 - SATISFACTORY - Widespread
B.C.06 Bridge Railing Transitions Condition	N - NOT APPLICABLE - Component
B.C.07 Bridge Bearings Cond.	N - NOT APPLICABLE - Component
B.C.08 Bridge Joints Condition	N - NOT APPLICABLE - Bridge do
B.C.09 Channel Condition Rating	7 - GOOD - Some minor defects.
B.C.10 Channel Protection Condition	8 - VERY GOOD - Some inherent
B.C.11 Scour Condition Rating	8 - Insignificant scour.
B.C.12 Bridge Condition Classification	P - Poor
B.C.13 Lowest Condition Rating	4 - POOR - Widespread moderate
B.C.14 NSTM Insp. Condition	
B.C.15 UW Inspection Condition	

APPRAISAL	
B.AP.01 Approach Roadway Alignment	G - Good
B.AP.02 Overtopping Likelihood	2 - Very low - once every 51 to 99
B.AP.03 Scour Vulnerability	D - Scour appraisal completed. Brid
B.AP.04 Scour Plan of Action	N - A scour POA is required, but no
B.AP.05 Seismic Vulnerability	A - Seismic evaluation completed. B

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

SPAN SETS

M1

B.SP.02 # of Spans	3	B.SP.08 Deck Interaction	IM - Integral or monolithic
B.SP.03 # of Beam Lines	8	B.SP.09 Deck Material and Type	C02 - Reinforced concrete - pr
B.SP.04 Span Material	C02 - Reinforced concrete - pr	B.SP.10 Wearing Surface	B01 - Bituminous (asphalt)
B.SP.05 Span Continuity	1 - Simple or single span	B.SP.11 Deck Protective System	0 - None
B.SP.06 Span Type	G07 - Girder/beam - channel ad	B.SP.12 Deck Reinforcing Protective System	0 - None
B.SP.07 Span Protective System	0 - None	B.SP.13 Deck Stay-In-Place Forms	0 - None

SUBSTRUCTURE SETS

A1

B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	T03 - Timber - solid sawn	B.SB.06 Foundation Type	P05 - Pile - timber
B.SB.04 Substructure Type	A08 - Abutment - pile bent wit	B.SB.07 Foundation Protective System	0 - None

P1

B.SB.02 No. of Substructure Units	2	B.SB.05 Substructure Protective System	0 - None
B.SB.03 Substructure Material	T03 - Timber - solid sawn	B.SB.06 Foundation Type	P05 - Pile - timber
B.SB.04 Substructure Type	B03 - Bent - pile	B.SB.07 Foundation Protective System	0 - None

HIGHWAY FEATURES

H1

B.F.02 Feature Location	C - Carried on bridge	B.H.09 Annual ADT	866
B.F.03 Feature Name	FAS 138	B.H.10 Annual ADTT	43
B.H.01 Functional Classification	5 - Major Collector	B.H.11 Year of Annual ADT	2021
B.H.02 Urban Code	99999	B.H.12 Highway Max Usable Vertical Clearance	99.9
B.H.03 NHS Designation	N - Non-NHS	B.H.13 Highway Min Vertical Clearance	99.9
B.H.04 National Highway Freight Network	N - Not on the NHFN	B.H.14 Highway Min Horizontal Clearance, Left	
B.H.05 STRAHNET Designation	N - Not a STRAHNET route	B.H.15 Highway Min Horizontal Clearance, Right	
B.H.06 LRS Route ID		B.H.16 Highway Max Usable Surface Width	27.5
B.H.07 LRS Mile Point	4.69	B.H.17 Bypass Detour Length	64
B.H.08 Lanes On Highway	2	B.H.18 Crossing Bridge Number	

HIGHWAY ROUTES

Highway Parent	B.RT.01 Route Designation	B.RT.02 Route Number	B.RT.03 Route Direction	B.RT.04 Route Type	B.RT.05 Service Type
H1	R01	138	NS - Northbound and Southbound	3 - State route	1 - Mainline

WATERWAY FEATURES

W1

B.F.02 Feature Location	B - Below bridge	B.N.03 Movable Bridge Max Navigation Vertical Clearance	
B.F.03 Feature Name	OVERFLOW	B.N.04 Navigation Channel Width	
B.N.01 Navigable Waterway	N - Not navigable waters	B.N.05 Navigation Channel Min Horizontal Clearance	
B.N.02 Navigation Min Vertical Clearance		B.N.06 Substructure Navigation Protection	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

POSTING STATUS DATA	
B.PS.01 Load Posting Status	B.PS.02 Posting Status Change Date
PP - PP Permanent - Posted	07/17/2017

LOAD EVALUATION AND POSTING			
B.EP.01 Legal Load Configuration	B.EP.02 Legal Load Rating Factor	B.EP.03 Posting Type	B.EP.04 Posting Value
3 - AASHTO Type 3	1.35	G - Gross Load	40
SU4 - AASHTO SU4 truck	1.16	G - Gross Load	40
SU5 - AASHTO SU5 truck	1.13	G - Gross Load	40
SU6 - AASHTO SU6 truck	1.1	G - Gross Load	40
SU7 - AASHTO SU7 truck	1.1	G - Gross Load	40
EV2 - FHWA Type EV2 emergency	1.07	G - Gross Load	40
EV3 - FHWA Type EV3 emergency	0.74	G - Gross Load	40
3S2 - AASHTO Type 3S2	1.49	G - Gross Load	40
3-3 - AASHTO Type 3-3	1.64	G - Gross Load	40

LOAD RATING SECTION	
LR.06 Load Rating Notes/Summary	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Inspection Team's Summary

The three span precast channel beam with timber substructure bridge on Hwy. 138 running south to north over overflow was inspected and found to be in overall Poor condition.
The bridge is open to traffic and posted for Single-unit and Multi-unit vehicles at 40 Tons. Paddleboards are in place at all four corners with minor impact damage.
Safety features are all non-standard. The bridge railing is in overall fair condition with surface corrosion and areas of impact damage 10' long. The approach guardrails are in good condition with surface corrosion. The approach end terminals are in good condition.
The approach alignment is good. The approach asphalt is in overall poor condition with transverse cracking up to 1/8” wide and raveling at joints. Approaches are settling up to 1 1/2".
The approach embankment is in overall good condition.
The deck is in overall very good condition. Driving surface has cracking up to 1/8" wide over longitudinal and transverse joints. Curbs have spalling up to 24" L x full width x 6" D with exposed rebar and debris accumulation. The current Deck rating is Good (8).
The superstructure is in overall poor condition. Channel beams have efflorescence buildup, cracking up to 1/32” wide and spalling/delamination up to 5” H x full length x full width x 2” D with areas of exposed rebar with up to 30% section loss. The current Superstructure rating is Poor (4).
The substructure is in overall fair condition. Abutment caps have checking up to 1/16” wide. Breastwalls have areas of minor decay. Wingwalls have decay holes up to 5” H x 2’ L. Bent caps have areas of decay up to 3" H x 32" L x 4" D, checking up to 1/8" wide, an isolated split up to full height x 1/8" wide and shakes up to 1" H x 19" L x 1" D. Bent 1, cap has a knot hole 2 1/2" diameter x 6" deep. Bent 1 piles have checking up to 1/8” wide, and shakes up to 2’ H x 6” W x 1” D. The current Substructure rating is Fair (5).
The channel appears adequate. The channel is in overall good condition. The current Channel rating is Good (7).
The channel protection is in overall good condition. The current Channel Protection rating is Very Good (8).
The scour is in overall good condition. The current Scour rating is Insignificant Scour (8).

DISCLAIMER
The assessments given in this report are opinions given in good faith at the time of inspection. Due to inaccessibility and hidden conditions, not all structural members, connections, or conditions could be completely assessed. No representation is made that all defects have been discovered or that defects will not appear in the future. This report should not be used as the sole basis for repair, construction, or capital improvement plans.

General Inspection Comment

HQ notes to TL

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Re Conc Top Flange	SF	1465	1465	0	0	0
510	Wearing Surfaces	SF	1403	1163	240	0	0
3220	Crack (Wearing Surface)	SF	240	0	240	0	0
110	Re Conc Opn Girder/Beam	LF	414	173	4	237	0
1080	Delamination/Spall/Patched Area	LF	1	0	1	0	0
1090	Exposed Rebar	LF	220	0	0	220	0
1120	Efflorescence/Rust Staining	LF	17	0	0	17	0
1130	Cracking (RC and Other)	LF	3	0	3	0	0
216	Timber Abutment	LF	61	45	16	0	0
1150	Check/Shake	LF	16	0	16	0	0
(1150-216) Element record added 4/19/2021							
228	Timber Pile	EA	29	25	4	0	0
1150	Check/Shake	EA	4	0	4	0	0
(1150-228) Element record added 4/19/2021							
235	Timber Pier Cap	LF	61	24	30	7	0
1140	Decay/Section Loss	LF	8	0	7	1	0
1150	Check/Shake	LF	28	0	22	6	0
1170	Split/Delamination (Timber)	LF	1	0	1	0	0
(1150-235) Element record added 4/19/2021							
330	Metal Bridge Railing	LF	102	32	70	0	0
1000	Corrosion	LF	50	0	50	0	0
7000	Damage	LF	20	0	20	0	0
(7000-330) Element record added 4/19/2021							

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

PERFORMANCE EVALUATION

Time of Day Inspected 2:00 pm
Weather Conditions 72°F - Sunny
Vehicles Observed All types

LIVE LOAD BEHAVIOR

Sub Horiz./ Vert. Defl	(No)	
Sub Vibration	(No)	
Super Horiz./ Vert. Defl	(No)	
Super Vibration	(No)	

APPROACH

B.AP.01 Approach Roadway Alignment	(G - Good)	
Pavement	(Poor)	Approaches have transverse cracking up to 1/8” wide and raveling at joints. Approach 1 is settling up to 3/4”. Approach 2 is settling up to 1 1/2”.
Embankment	(Good)	

TRAFFIC SAFETY FEATURES

Bridge Railing Rating	(Fair)	Bridge railing has surface corrosion and areas of impact damage 10’ long. (See sketch sheets for further details and locations)
Transitions Rating	(NA)	
Guardrail Rating	(Good)	Guardrails have areas of surface corrosion.
Guardrail Terminal Rating	(Good)	

SIGNS POSTED ON ROUTE

Paddleboards	Yes	Weight Limit Posted	Yes
Vertical Clearance (<14'-6")	No	Gross	Tons
Posted Height		Single-unit Vehicle	40 Tons
Narrow Bridge Signs	No	Multi-unit Vehicle	40 Tons
One Lane Bridge Signs	No	B.ID.02 Bridge Name	
Other Signs or Plaques			

ATTACHED SIGNS

Sign No	Location	Text on Sign	Noted Defects

RELEASED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

DECK

Wearing Surface Type Asphalt **Wearing Surface Depth** 1in.

Wearing Surface	(Fair)	Driving surface has cracking up to 1/8” wide over longitudinal and transverse joints. (See sketch sheets for further details and locations)
Deck - Structural Condition	(Good)	
Curbs	(Fair)	Curbs have spalling up to 24" L x full width x 6" D with exposed rebar. (See sketch sheets for further details and locations)
Railing	(Fair)	Bridge railing has surface corrosion and areas of impact damage 10’ long. (See sketch sheets for further details and locations)
Rail Paint	(Poor)	Bridge rail coating has limited effectiveness.
Deck Drains	(Poor)	Debris accumulation along curblines.

SUPERSTRUCTURE

Alignment of Members	(Good)	
PCCS	(Poor)	Channel beams have efflorescence buildup, cracking up to 1/32” wide and spalling/delamination up to 5” H x full length x full width x 2” D with areas of exposed rebar with up to 30% section loss. (See sketch sheets for further details and locations)
PCCS/CBB Bolts	(Good)	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

ABUTMENTS

Abutment Caps	(Fair)	Abutment caps have checking up to 1/16” wide. (See sketch sheets for further details and locations)
Abutment Breastwall	(Fair)	Breastwalls have areas of minor decay. (See sketch sheets for further details and locations)
Abutment Wings	(Fair)	Wingwalls have decay holes up to 5” H x 2’ L. (See sketch sheets for further details and locations)
Abutment Plumb	(Good)	
Abutment Piles	(Good)	
Abutment Embankment	(Good)	
Abutment Bearing Surface	(Good)	
Abutment Rip Rap	(Good)	

PIERS

BENTS

Bent Caps	(Fair)	Bent caps have areas of decay up to 3” H x 32” L x 4” D, checking up to 1/8" wide, splits up to full height x 1/8" wide and shakes up to 1" H x 19" L x 1" D. Bent 1, cap has a knot hole 2 1/2” diameter x 6” D. (See sketch sheets for further details and locations)
Bent Plumb	(Good)	
Bent Piles	(Fair)	Bent 1 piles have checking up to 1/8” wide, and shakes up to 2’ H x 6” W x 1” D. (See sketch sheets for further details and locations)
Bent Bearing Surface	(Good)	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

STREAM CHANNEL DATA AND CONDITIONS

Stream Crossing	Overflow		
Type of bed material	Mud		
Has channel shifted?	No		
Condition of rip-rap	Good	Est. % failed	%
Overall condition of channel	Good		
Underwater Inspection Req?	Yes		
Why UW required?	Over 3' of water. Unable to fully inspect timber piles at Bents 1 & 2		

Channel and bank stability conditions

Steep bank cond - Failure US	No	Moderate Bank Erosion	No
Steep bank cond - Failure DS	No	Sediment or Gravel Accumulation	No
Bank Vegetation:		Channel Altered or Straightened	No
Low Growth	Yes	Stable Conditions:	
Large Timber	Yes	Live Growth	Yes
Clear Banks	No	Bedrock	No
Dead Trees - US	No	Boulders	No
Dead Trees - DS	Yes	FlatSlopes (<=2:1)	Yes

Waterway adequacy and debris characteristics

Bridge deck elevations:		Large Scour Under Bridge	No
Level with Approach Roadway	Yes	Indications Flood Overtop Bridge	No
Higher than Approach Roadway	No	Debris / Drift - Present	No
Road Appr >2' Above Natural Ground	Yes	Debris / Drift - Likely to Accumulate	Yes
Abutment Encroaches into Channel	Yes		

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

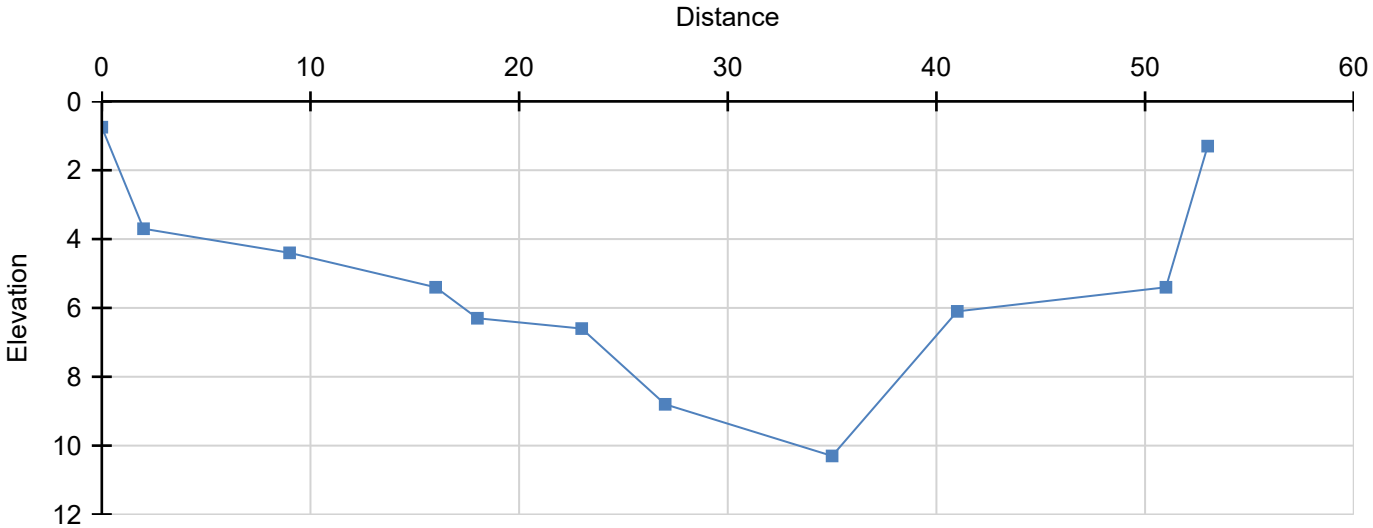
Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

Channel Profile Upstream

Benchmark height 0.75 Benchmark location Top of Curb

Comment

Station	Distance	HI	Upstream
BOB	0		0.75
Abutment 1	2		3.7
	9		4.4
EOW	16		5.4
Bent 1	18		6.3
	23		6.6
CL of channel	27		8.8
Bent 2	35		10.3
	41		6.1
Abutment 2	51		5.4
EOB	53		1.3



PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

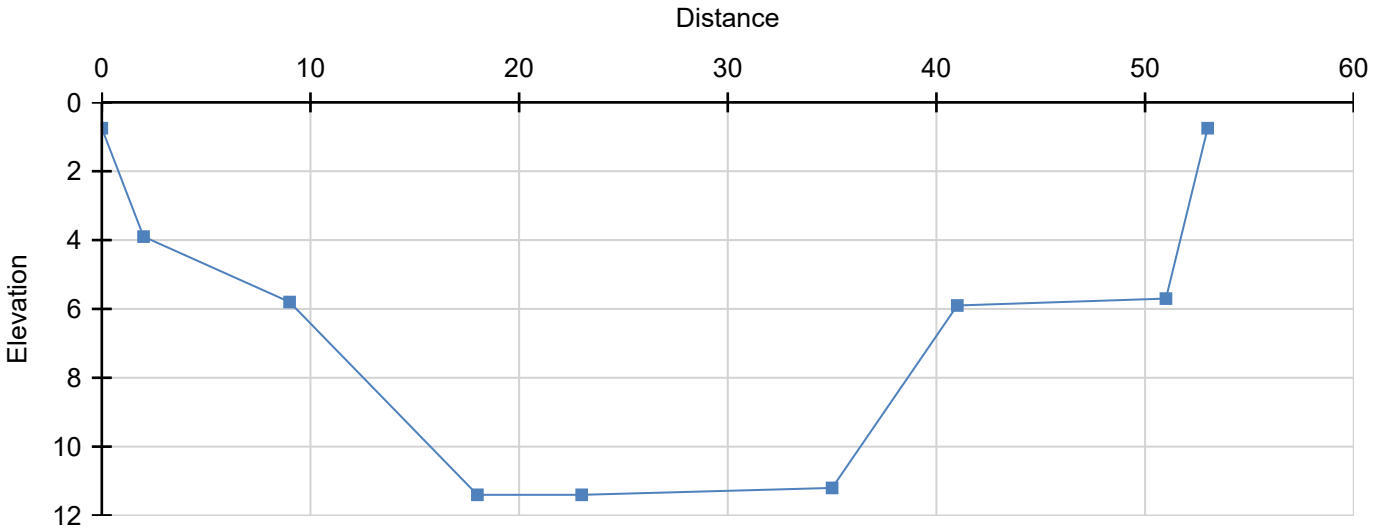
Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

Channel Profile Downstream

Benchmark height 0.75 Benchmark location Top of Curb

Comment

Station	Distance	HI	Downstream
BOB	0		0.75
Abutment 1	2		3.9
EOW	9		5.8
Bent 1	18		11.4
	23		11.4
Bent 2/ CL of Channel	35		11.2
	41		5.9
Abutment 2/ EOW	51		5.7
EOB	53		0.75



PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

Substructure Exposure

Last Exposure	Abut/Bent/Pier Number	Total height	Footing Thickness	Exposure
2	Abutment 1			2
8	Bent 1			9.2
9.5	Bent 2			9
3.5	Abutment 2			3.5

Last Exposure Upstream		Rip-Rap	Y
Last Exposure Downstream		@ Abutment	A-1 & A-2
Top of cap to top of water	3.60	@ Bents	
Upstream Distance	50.00	@ Piers	
Upstream Depth	8.30	Upstream	Y
Thru structure	9.50	Downstream	Y
Downstream Distance	50	Thru Structure	Y
Downstream Depth	9.4		

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

Equipment List

General Inspection

_____ Pocket knife
Yes Sounding/chipping hammer
_____ Chain drag
_____ Range pole
Yes 25' rod - depth and clearance

Visual Aid

_____ Binoculars
_____ Flashlight
_____ Magnifying glass
_____ Hand mirror

Cleaning

_____ Wisk broom
_____ Wire brush
_____ Flat bladed screwdriver
_____ Hand shovel
_____ Penetrating oil (WD-40, etc.)

Tools For Access

_____ Ladders
_____ Rope
Yes Waders
_____ Machete or bush axe

Tools For Measuring

Yes Masonry/Wood Ruler
_____ 6’ Pocket Tape
Yes 25’ and 100’ Tape
_____ Calipers
Yes Thermometer
_____ Carpenter’s Level
_____ String and Weighted line (plumb bob)
Yes Laser
_____ Measuring Wheel

Special Purpose Equipment

_____ Reach All
_____ Bucket Truck
_____ Traffic control
_____ Boat
_____ Sonar depth finder
_____ Increment borer
_____ Survey equipment
_____ Safety Harness
_____ Climbing equipment
_____ Dye penetrant
_____ Drone
_____ Air Meter

Special Purpose Equipment

life jackets, floatation devices, paddles

Comment

Reach-All Approval and Comments

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bridge number (back right approach rail)



Approach 1 looking ahead

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Weight posting at Approach 1



Approach 2 looking back

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Weight posting at Approach 2



Right elevation looking downstream

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Left elevation looking upstream



Upstream looking right

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Downstream looking left



View across bridge

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Typical bridge rail post spacing looking left



Typical bridge rail height looking left

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Abutment 1



Span 1

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 1 looking ahead



Bent 1 looking back

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 2



Bent 2 looking ahead

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 2 looking back



Span 3

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Abutment 2



Approach 1, typical transverse cracking up to 1/8" wide and raveling at joints

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Approach 1, settled up to 3/4"



Approach 2, settled up to 1 1/2"

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Ahead right paddle board, minor impact damage



Bridge railing, surface corrosion and areas of impact damage 10' long

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Driving surface, typical cracking up to 1/8" wide over longitudinal and transverse joints



Span 2, curbline, debris accumulation

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 3, curb, spall 24" L x full width x 6" D with exposed rebar



Span 1, joint interface, efflorescence buildup

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 1, Channel Beam G, spalling up to 16" L x 5" W x 2" D with exposed rebar with 15% section loss



Span 1, channel beams, typical spalling up to 6" L x 5" W x 1/2" D with exposed rebar with 5% section loss

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 1, Channel Beam E, left stem, spalling up to 3" H x 4' L x full width x 2" D with exposed rebar with 15% section loss



Span 1, Channel Beam D, spalling up to 5" H x 10" L x full width x 1" D with exposed rebar with 15% section loss

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 2, Channel Beam, typical spalling up to 10" L x 5" W x 1/2" D with exposed rebar with 5% section loss



Span 2, Channel Beam B, right stem, spalling up to 3" H x 19" L x 2" D with exposed rebar with 15% section loss

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 2, Channel Beam C, spalling up to 3" H x 6' L x full width x 2" D with exposed rebar with 30% section loss



Span 2, Channel Beam D, right stem, spalling up to 20" L x 7" W x 2" D with exposed rebar with 15% section loss

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 2, Channel Beam E, spalling/delamination up to 3" H x 10' L x width x 2" D with exposed rebar with 30% section loss



Span 2, Channel Beam F, spalling/delamination up to 3" H x full length x full width x 2" D with exposed rebar with 20% section loss

PRODUCED PURSUANT TO
FREEDOM OF INFORMATION REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 3, Channel Beam H, left stem, spalling up to 10" L x 5" W x 1" D with exposed rebar with 5% section loss



Span 3, Channel Beam G, spalling up to 10" L x 3" W x 1" D with exposed rebar with 5% section loss

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is protected by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 3, Channel Beam G, diaphragm, spalling up to 6" L x 11" W x 1/2" D



Span 3, Channel Beams D and E, delamination/spalling 4" H x full length x full width x 2" D with exposed rebar with 15% section loss

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 3, Channel Beam, typical spalling up to 8" L x 7" W x 1" D with exposed rebar with 10% section loss



Span 3, Channel Beam C, right stem, spalling up to 3" H x 38" L x full width x 2" D with exposed rebar with 20% section loss

PRODUCED PURSUANT TO
OPEN RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Span 3, Channel Beam C, longitudinal cracking up to 1/32" wide



Abutment 1, left wingwall, decay hole 5" H x 2' L

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 1, Cap A, front face, decay 2" H x 14" L x 3" D



Bent 1, Pile C, shake 20" H x 2 1/2" W x 2" D

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 1, Cap A, rear face, decay up to 3" H x 32" L x 4" D



Bent 1, Cap A, rear face, knot hole 2 1/2" diameter x 6" deep

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 1, Pile B, shake 2' H x 6" W x 1" D



Bent 1, Pile D, shake 5" W x 1" D

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 1, Pile H, checking up to 1/8" wide



Bent 2, Cap B, typical checking up to 1/8" wide

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 2, Cap A, front face, decay 7" H x 12" L x 4" D



Bent 2, Cap A, split full height x 1/8" wide

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407



Bent 2, Cap B, rear face, shake 1" H x 19" L x 1" D



Bent 2, Cap B repair board, split 3/8" H x 14" L

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)

County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690

Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025



Abutment 2, left wingwall, decay hole 5" H x 16" L

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

TN TDOT Department of Transportation

Asset **#57SR1380007**(Routine)
County: 57 - Madison, **Route:** SR138, **Log mile:** 4.690
Team Lead: Bretlyn Opfer, **Inspection Date:** 05/22/2025

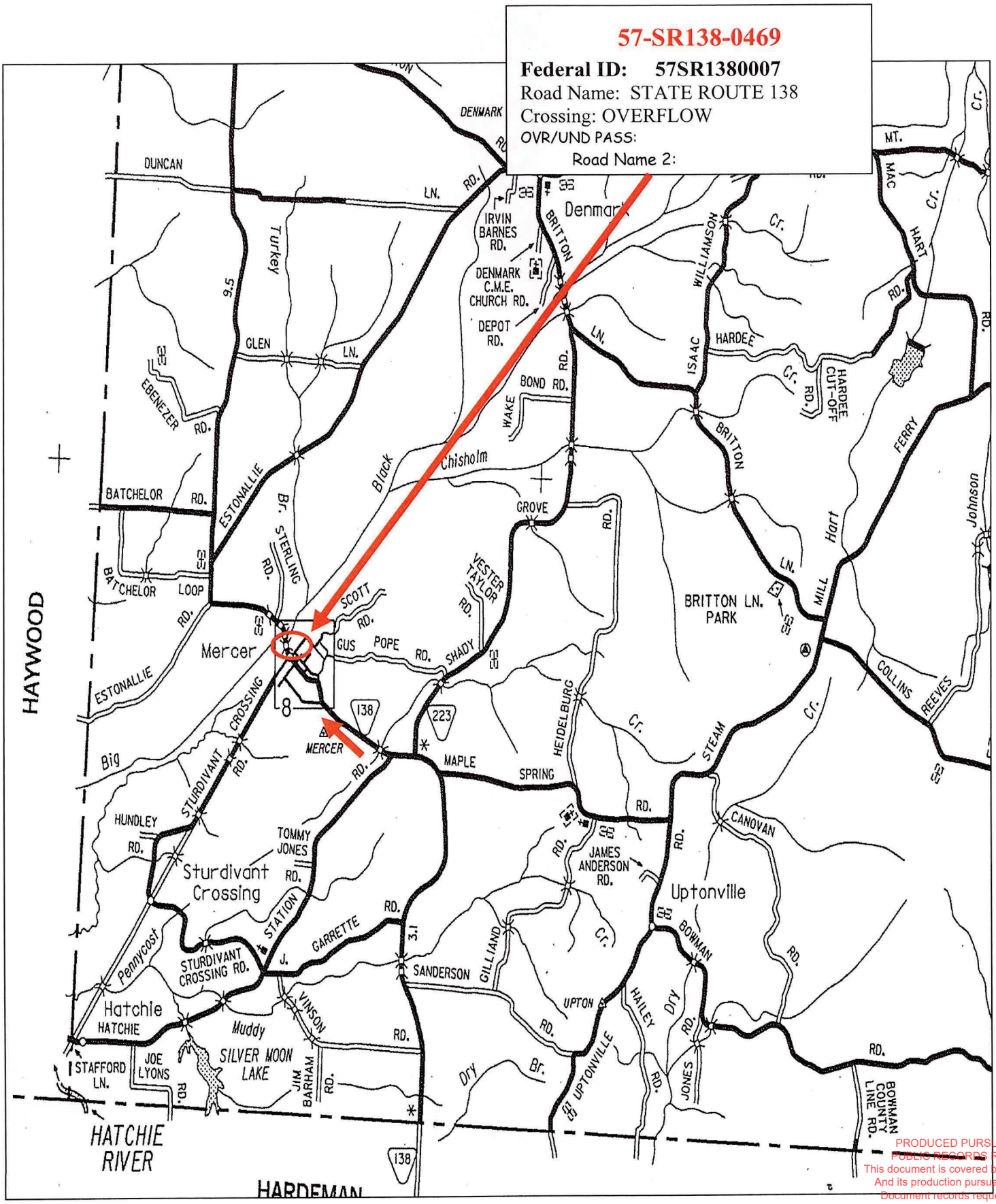
Maintenance Recommendations

525 - Repair List # 3 523 - Repair List Add Date 6/23/2023 524 - Repair List Revise Date

Date Added	Recommendation	Priority
05/01/2023	BRIDGERAILS ARE SUBSTANDARD	
05/01/2023	APPROACH GUARDRAILS ARE SUBSTANDARD	
05/01/2023	APPROACH GUARDRAIL TERMINALS ARE SUBSTANDARD	
05/01/2023	CLEAR DRAINS	
05/01/2023	Repair bent 1 timber cap A	
05/01/2023	Repair slabs "C" & "E" on span 2	
05/01/2023	Level approach 2	
05/22/2025	Remove unsound concrete, apply corrosion inhibitor and patch spalling in beams.	2
05/22/2025	Repair Span 2, Channel Beam F, and Span 3, Channel Beams D and E.	2

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

MADISON COUNTY

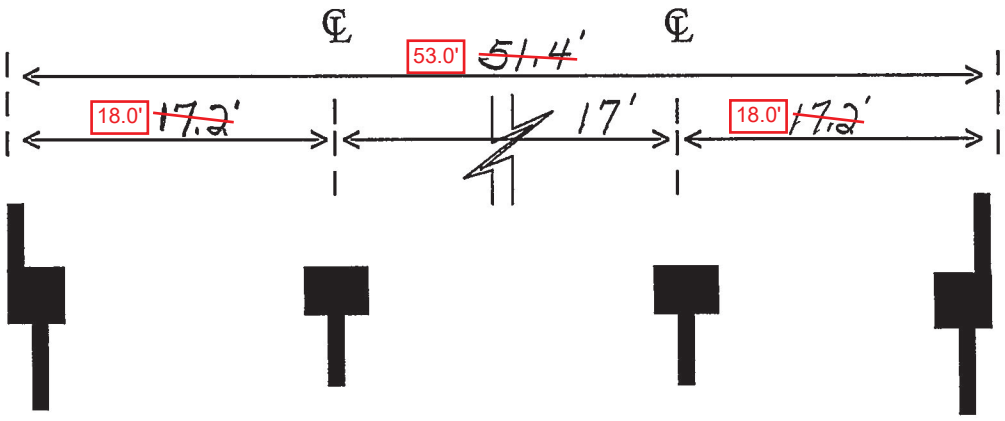


PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

57SR1380007	57	SR138	0469		SKEW:	90
BRIDGE NO.:	CO.	ROUTE	L.M.	L/R		

Direction of Route →

F = FIXED
E = EXPANSION
S = SIMPLE
C = CONTINUOUS

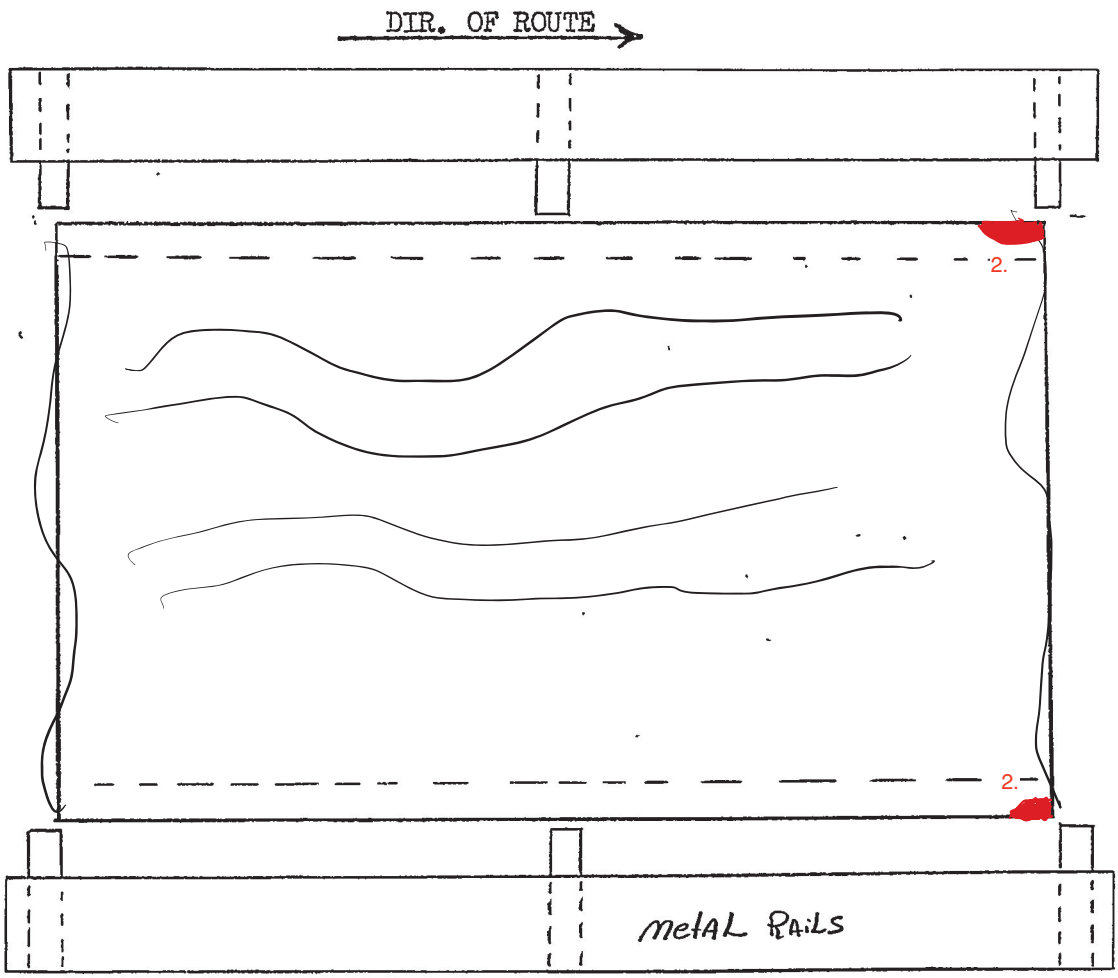


SIDE OF BRIDGE

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Typical Notes:
1. Driving surface has cracking up to 1/8" wide over longitudinal and transverse joints .
2. Spalling in curbs up to 24" L x full width x 6" D with exposed rebar.

BR. NO. 57 138 469 SK. 90° SPAN NO. 1

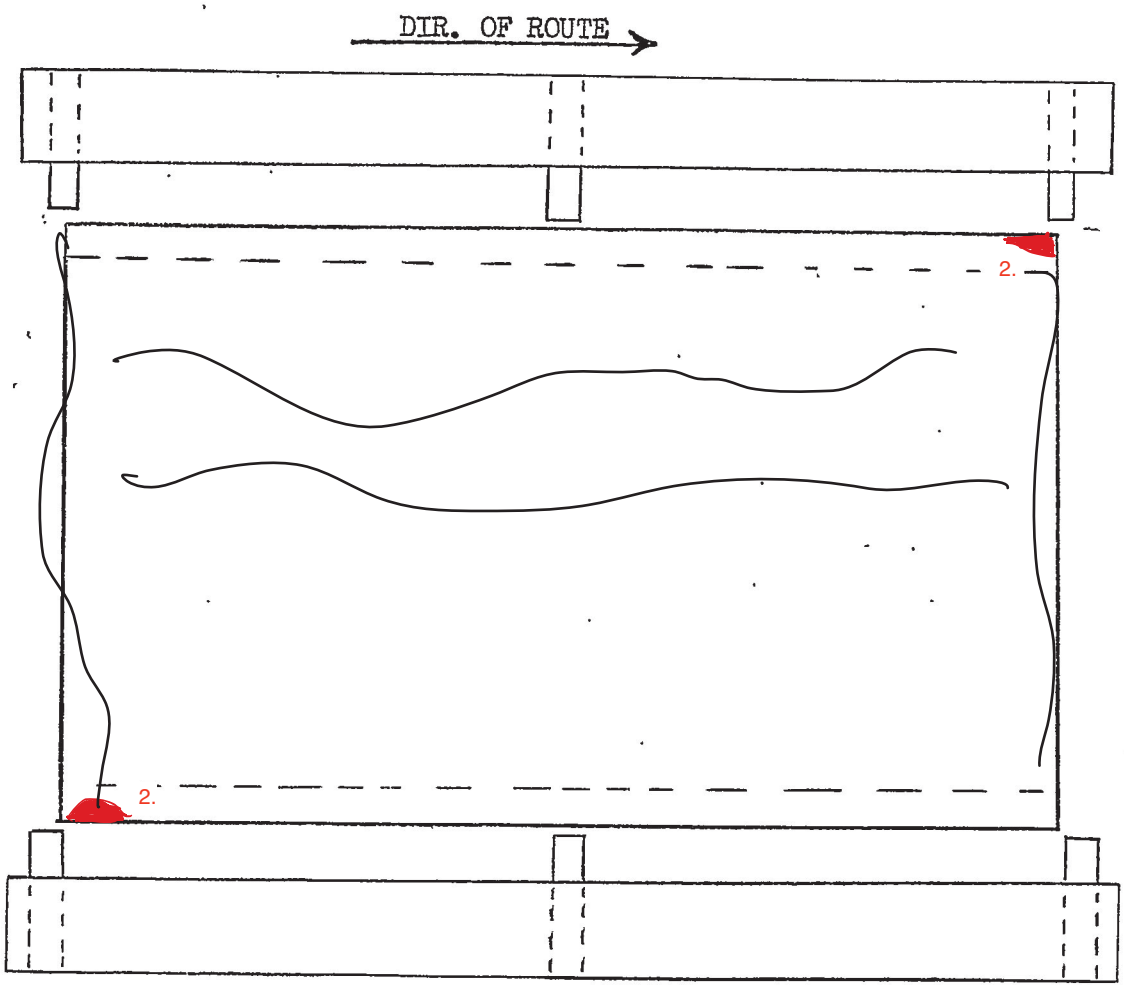


ELEMENT	RATING	COMMENT
TOP DECK	G (F) P C	See note 1.
RAILS & POST	G (F) P C	Bridge railing has surface corrosion and areas of impact damage 10' long.
PAINT	G F (P) C	Bridge rail coating has limited effectiveness.
DRAINS	G F (P) C	Debris accumulation along curblines.
JOINTS	G F P C	N/A.
CURBS OR WHEEL G.	G (F) P C	See note 2.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Typical Notes:
1. Driving surface has cracking up to 1/8" wide over longitudinal and transverse joints .
2. Spalling in curbs up to 24" L x full width x 6" D with exposed rebar.

BR. NO. 57 138 469 SK. 90° SPAN NO. 2

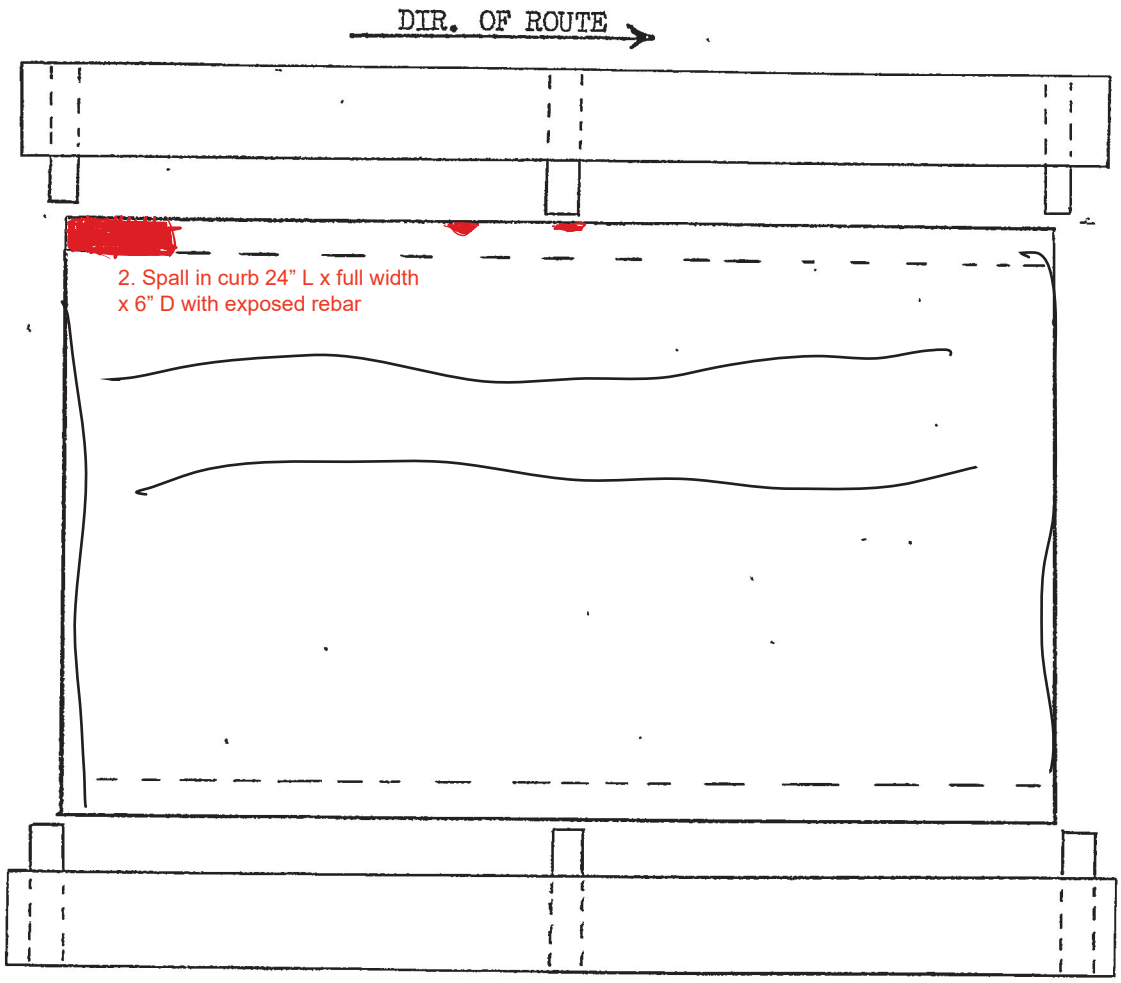


ELEMENT	RATING	COMMENT
TOP DECK	G (F) P C	See note 1.
RAILS & POST	G (F) P C	Bridge railing has surface corrosion and areas of impact damage 10' long.
PAINT	G F (P) C	Bridge rail coating has limited effectiveness.
DRAINS	G F (P) C	Debris accumulation along curblines.
JOINTS	G F P C	N/A.
CURBS OR WHEEL G.	G (F) P C	See note 2.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Typical Notes:
1. Driving surface has cracking up to 1/8" wide over longitudinal and transverse joints .

BR. NO. 57 138 4.69 SK. 90° SPAN NO. 3

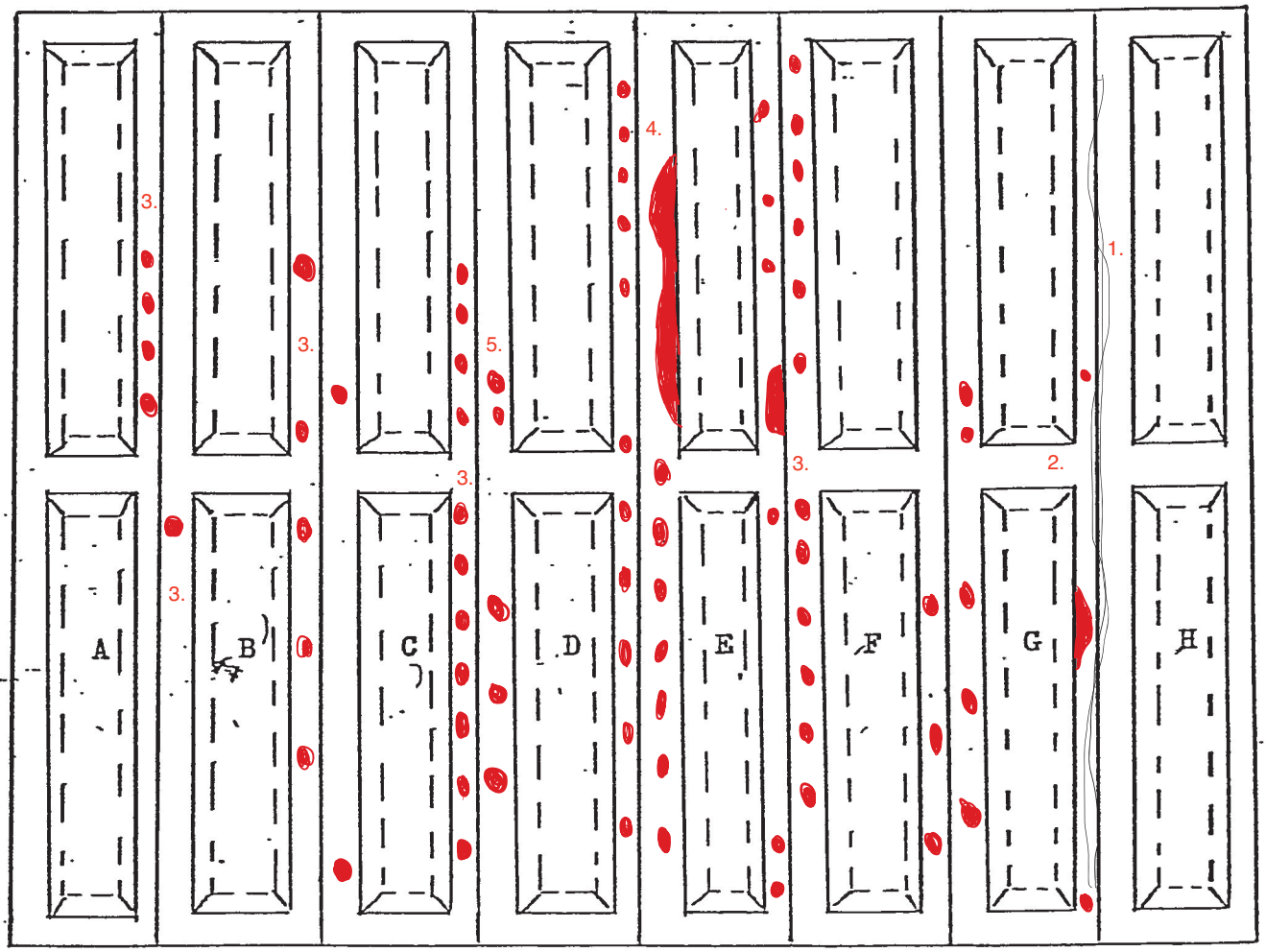


ELEMENT	RATING	COMMENT
TOP DECK	G (F) P C	See note 1.
RAILS & POST	G (F) P C	Bridge railing has surface corrosion and areas of impact damage 10' long.
PAINT	G F (P) C	Bridge rail coating has limited effectiveness.
DRAINS	G F (P) C	Debris accumulation along curblines.
JOINTS	G F P C	N/A.
CURBS OR WHEEL G.	G (F) P C	See note 2.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

BR. NO. 57 138 469 SK. 90° SPAN NO. 1

1. Efflorescence buildup at joint interface.
2. Spalling up to 16" L x 5" W x 2" D with exposed rebar with 15% section loss.
3. Spalling up to 6" L x 5" W x 1/2" D with exposed rebar with 5% section loss.
4. Spalling up to 3" H x 4' L x full width x 2" D with exposed rebar with 15% section loss.
5. Spalling up to 5" H x 10" L x full width x 1" D with exposed rebar with 15% section loss.

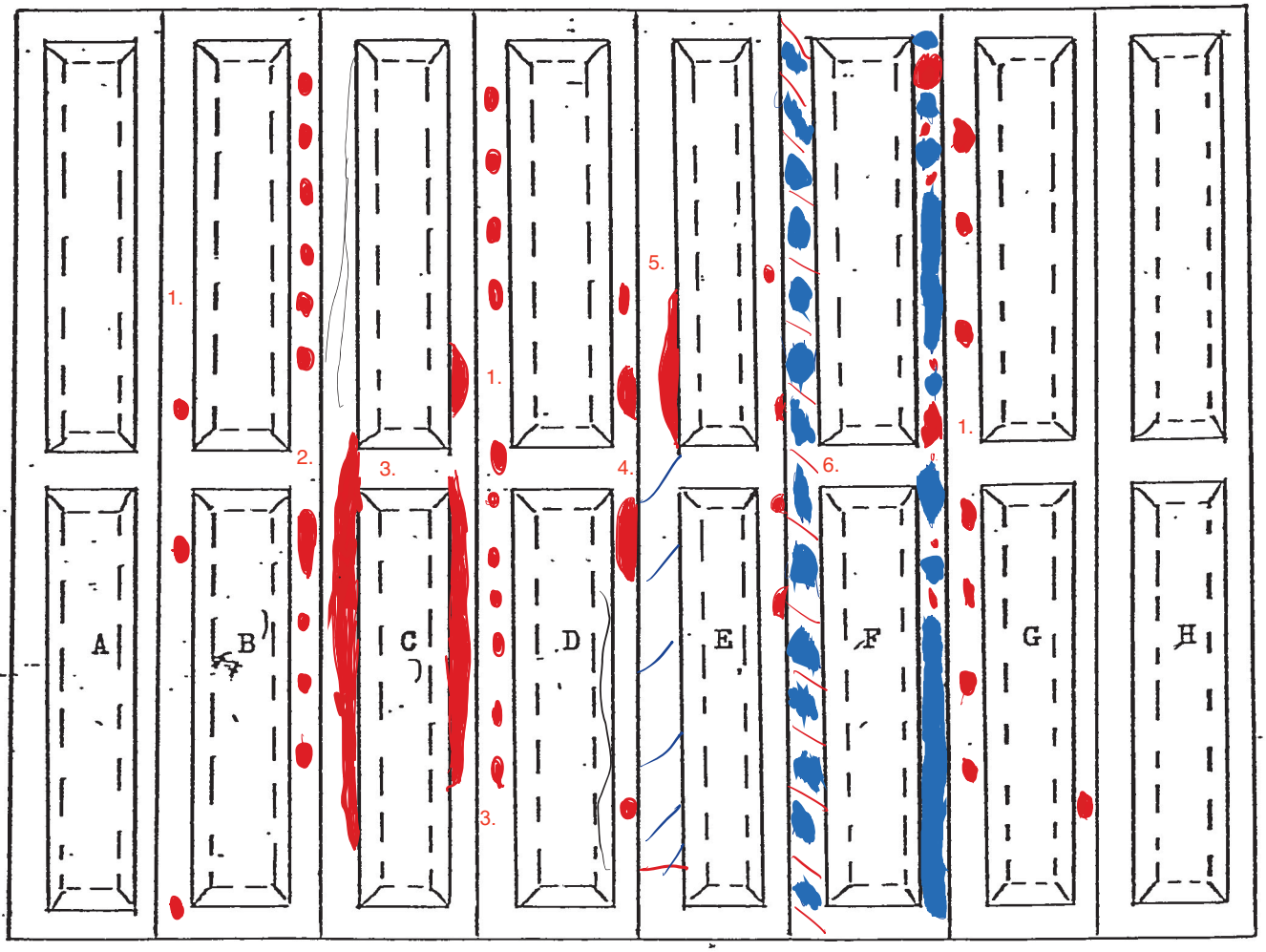


ELEMENT		RATING	COMMENT
BOTTOM DECK SLAB	A	G **F** P C	See note 1.
	B	G **F** P C	See note 3.
	C	G **F** P C	See note 3.
	D	G **F** P C	See note 5.
	E	G F **P** C	See note 4.
	F	G **F** P C	See note 3.
	G	G **F** P C	See notes 1 and 2.
	H	G **F** P C	See note 1.
BOLTS		**G** F P C	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

BR. NO. 57 138 469 SK. - 90° SPAN NO. 2

1. Spallling up to 10" L x 5" W x 1/2" D with exposed with 5% section loss.
2. Spalling up to 3" H x 19" L x 2" D with exposed rebar with 15% section loss.
3. Spalling up to 3" H x 6' L x full width x 2" D with exposed rebar with 30% section loss.
4. Spalling up to 20" L x 7" W x 2" D with exposed rebar with 15% section loss.
5. Spalling/delamination up to 3" H x 10' L x full width x 2" D with exposed rebar with 30% section loss.
6. Spalling/delamination up to 3" H x full length x full width x 2" D with exposed rebar with 20% section loss.

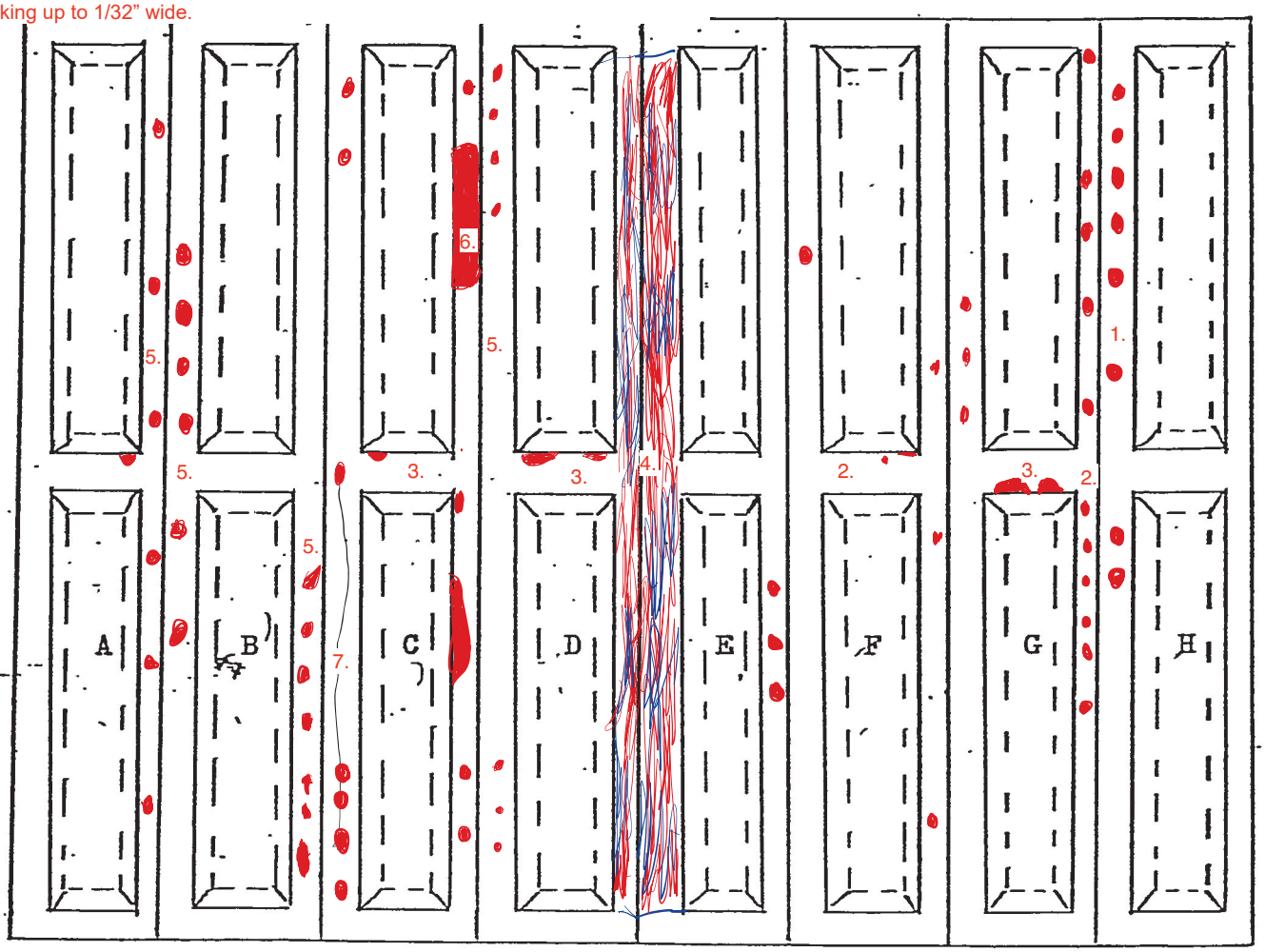


ELEMENT		RATING	COMMENT
BOTTOM DECK SLAB	A	(G) F P C	
	B	G (F) P C	See notes 1 and 2.
	C	G F (P) C	See note 3.
	D	G F (P) C	See notes 1, 3, and 4.
	E	G F (P) C	See note 5.
	F	G F (P) C	See note 6.
	G	G (F) P C	See note 1.
	H	(G) F P C	
BOLTS		(G) F P C	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

BR. NO. 57 138 4.69 SK. - 90° SPAN NO. 3

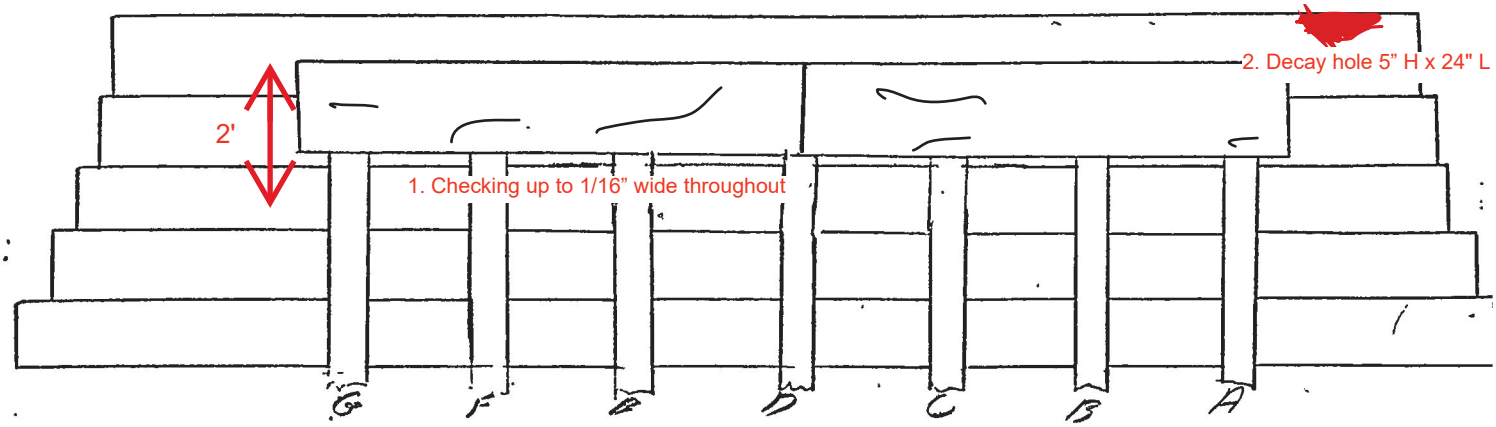
1. Spalling up to 10" L x 5" W x 1" D with exposed rebar with 5% section loss.
2. Spalling up to 10" L x 3" W x 1" D with exposed rebar with 5% section loss.
3. Spalling up to 6" L x 11" W x 1/2" D.
4. Delamination/spall 4" H x full length x full width x 2" D with exposed rebar with 15% section loss.
5. Spalling up to 8" L x 7" W x 1" D with exposed rebar with 10% section loss.
6. Spalling up to 3" H x 38" L x full width x 2" D with exposed rebar with 20% section loss.
7. Longitudinal cracking up to 1/32" wide.



ELEMENT		RATING	COMMENT
BOTTOM DECK SLAB	A	G (F) P C	See note 5.
	B	G (F) P C	See note 5.
	C	G F (P) C	See notes 3, 6, and 7.
	D	G F (P) C	See notes 3, 4, and 5.
	E	G F (P) C	See note 4.
	F	G (F) P C	See note 2
	G	G (F) P C	See notes 2 and 3.
	H	G (F) P C	See note 1.
BOLTS		(G) F P C	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

BR. NO. 57 138 7.69 SK. ___ ABUT. NO. 1



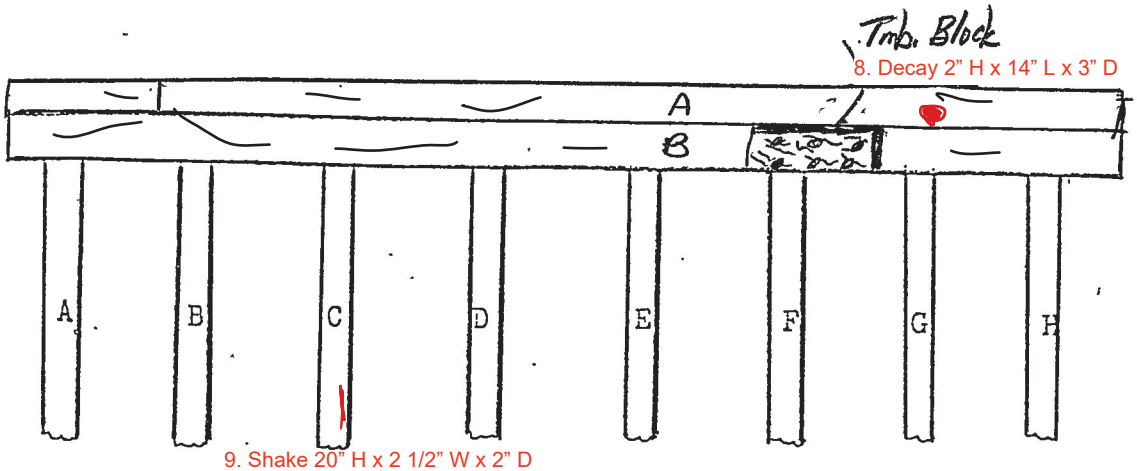
LOOKING BACK

ELEMENT	RATING	COMMENT
BEARINGS	G F P C	N/A.
CAP	G (F) P C	See note 1.
WINGS	G (F) P C	See note 2.
PILING A	G F P C	
B	G F P C	
C	G F P C	
D	G F P C	
E	G F P C	
F	G F P C	
G	G F P C	
RIP RAP	(G) F P C	
EMB.	G F P C	
VEG.	G F P C	
BREASTWALL	G F P C	Breastwalls have areas of minor decay up to 6" L x 2" H x 1/2" D.

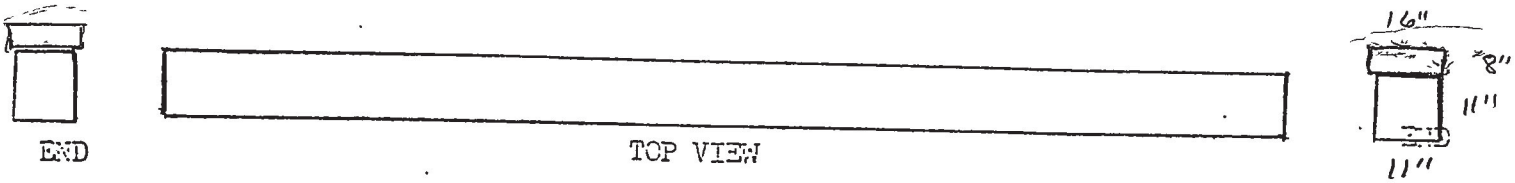
PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Typical Notes:
1. Caps have checking up to 1/8" wide.

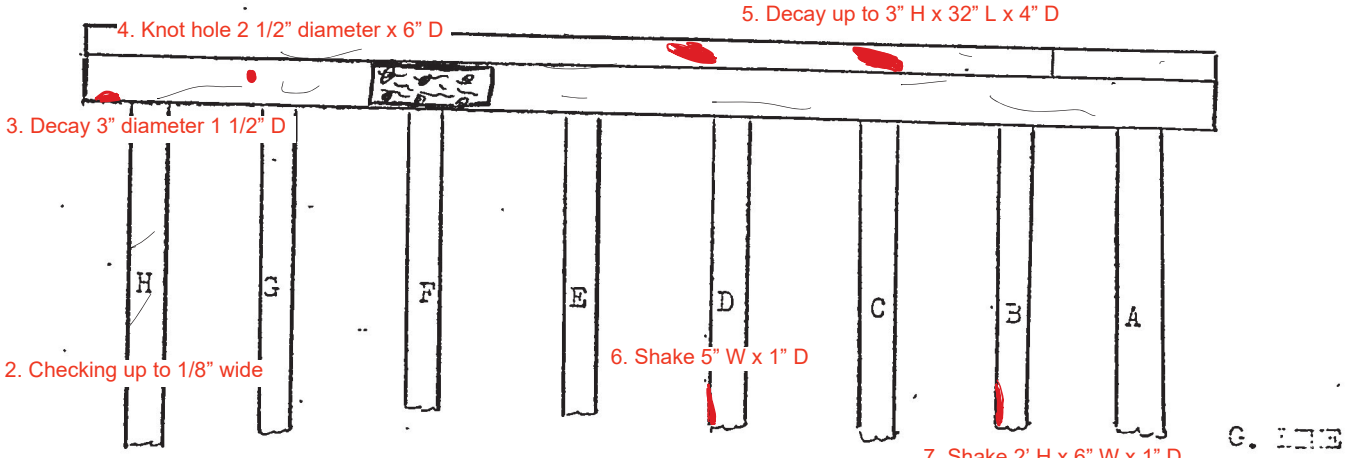
BR. NO. 57 138 4.69 BENT NO. 1



FRONT VIEW



END TOP VIEW



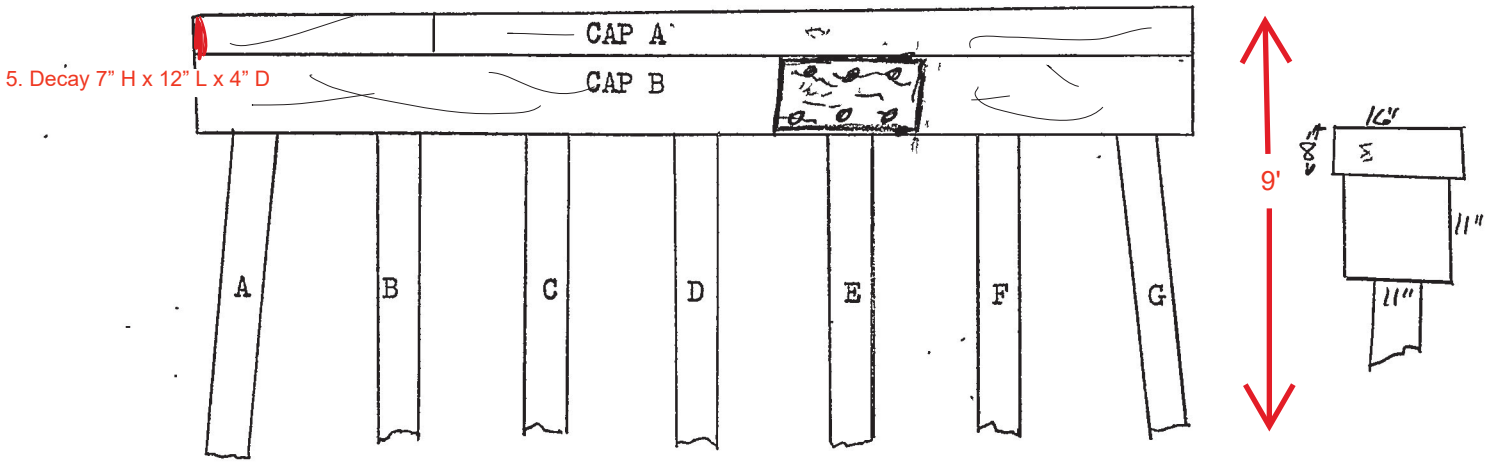
REAR VIEW

ELEMENT	RATING	COMMENT
CAP A&B	G (F) P C	See notes 1, 3, 4, 5 and 8.
PILING A	(G) F P C	
B	G (F) P C	See note 7.
C-D	G (F) P C	See notes 6 and 9.
E-H	(G) F P C	See note 2.
	G F P C	
BRACING	G F P C	N/A.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

Typical Notes:
1. Caps have checking up to 1/8" wide.

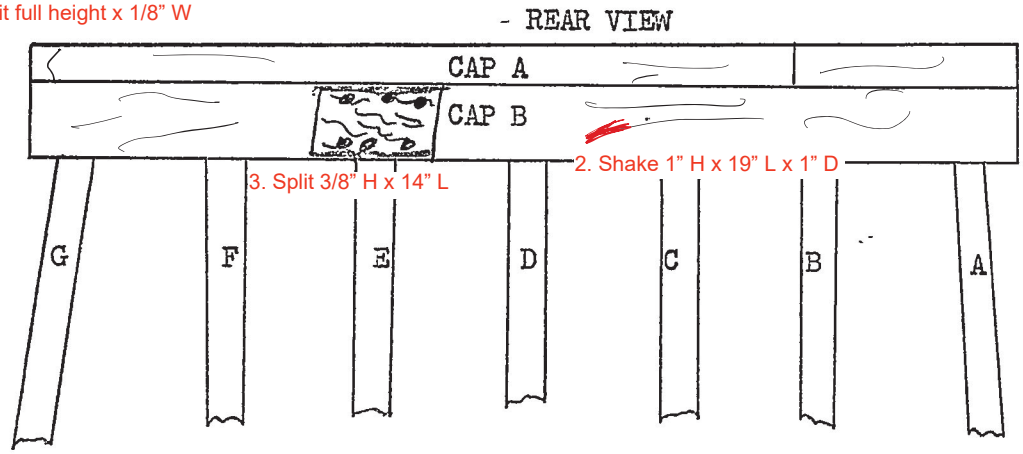
BR. NO. 57 138 469 SK. ___ BENT NO. 2



5. Decay 7" H x 12" L x 4" D

4. Split full height x 1/8" W

- REAR VIEW



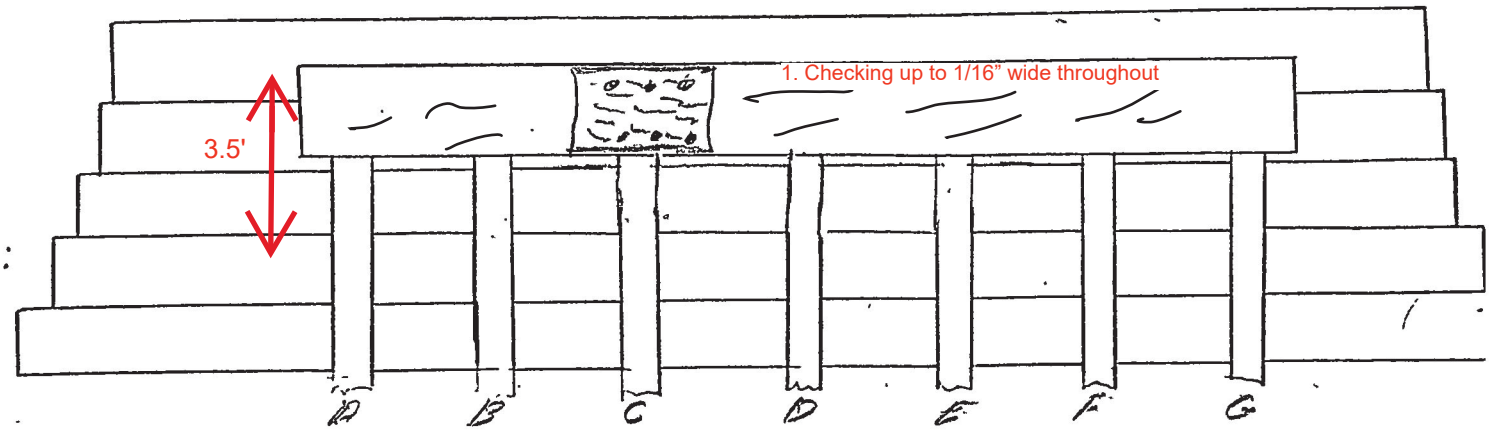
3. Split 3/8" H x 14" L

2. Shade 1" H x 19" L x 1" D

ELEMENT	RATING	COMMENT
BEARINGS	G F P C	
CAP A	G (F) P C	See notes 1, 4, and 5.
CAP B	G (F) P C	See notes 1, 2, and 3.
PILING A-G	(G) F P C	
PILING ___	G F P C	
___	G F P C	
___	G F P C	
___	G F P C	
BRACING	G F P C	N/A.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

BR. NO. 57 138 4.69 SK. ___ ABUT. NO. 2



LOOKING Ahead

ELEMENT	RATING	COMMENT
BEARINGS	G F P C	N/A.
CAP	(G) F P C	See note 1.
WINGS	G (F) P C	Decay hole in back left wingwall 5" H x 16" L.
PILING A	(G) F P C	
B	(G) F P C	
C	(G) F P C	
D	(G) F P C	
E	(G) F P C	
F	(G) F P C	
G	(G) F P C	
RIP RAP	(G) F P C	
EMB.	(G) F P C	
VEG.	(G) F P C	
BREASTWALL	(G) F P C	Breastwalls have areas of minor decay up to 6" L x 2" H x 1/2" D.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407