NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PM ISSUED

Structure Safety Report

Routine Element Inspection

INSPECTION DATE: 10/09/2018

DIVISION: 6 **COUNTY:** CUMBERLAND **STRUCTURE NUMBER:** 250026 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: I95 NBL **MILE POST:** 40.5

LOCATION: 1.1 MI. S. OF JCT NC59

FEATURE INTERSECTED: I95BUS;SR2284 SERV. RD

LATITUDE: 34° 55' 51.12" **LONGITUDE:** 78° 56' 18.24"

SUPERSTRUCTURE: REINF.CONC.FLOOR ON I-BEAMS & STL. PLATE GIRDERS

SUBSTRUCTURE: EBTS:RC CAPS/H-PILES;IBTS:RCP&B/PILE FTGS

SPANS: 4 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

GRADES: **DECK** 7 **SUPERSTRUCTURE** 7 **SUBSTRUCTURE** 7 **CULVERT** N

POSTED SV: Not Posted **POSTED TTST:** Not Posted

OTHER SIGNS PRESENT: NONE

LOOKING NORTH

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS YES

INSPECTED BY	SIGNATURE	ASSISTED BY
Ray L. Kisner	Ray L. Kisner	Ricky Smith

Structure Element Scoring

Structure Number: **250026**

Inspection Date **10/9/2018**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	18233	18233	0	0	0
107	0	Steel Open Girder/Beam	Beam	2502	2492	10	0	0
515	107	Steel Protective Coating	Beam	35690	35680	0	10	0
205	0	Reinforced Concrete Column	Piles and Columns	12	12	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	110	110	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	330	323	7	0	0
521	234	Concrete Protective Coating	Caps	990	990	0	0	0
301	0	Pourable Joint Seal	Expansion Joints	230	230	0	0	0
316	0	Other Bearings	Bearing Device	48	48	0	0	0
515	316	Steel Protective Coating	Bearing Device	144	144	0	0	0
321	0	Reinforced Concrete Approach Slabs	Approaches	1795	1795	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	850	629	217	4	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **250026** Inspection Date: **10/09/2018**

MMS Code	Element Name	Defect Name	Recommended Quantity
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	6 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	10 Square Feet

Element Structure Maintenance Quantities

Structure Number: **250026** Inspection Date **10/09/2018**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	110	0	0	0	110
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	1795	0	0	0	1795
Beam	3314	Maintenance Steel Superstructure Components	0	2502	0	0	10	2492
Beam	3342	Clean and Paint Steel	10	35690	0	10	0	35680
Bearing Device	3334	Bridge Bearing	0	48	0	0	0	48
Bearing Device	3342	Clean and Paint Steel	0	144	0	0	0	144
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	6	850	0	4	217	629
Caps	3348	Maintenance of Concrete Substructure	0	330	0	0	7	323
Caps	5603	Partial Cleaning and Painting of Structural Steel	0	990	0	0	0	990
Deck	3326	Maintenance of Concrete Deck	0	18233	0	0	0	18233
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	230	0	0	0	230
Piles and Columns	3348	Maintenance of Concrete Substructure	0	12	0	0	0	12

Element Condition and Maintenance Data

Structure Number: **250026** Inspection Date: **10/09/2018**

Span 1 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,089	3,089	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

SPAN 4 DECK MILLED AND RESURFACED WITH SAME MEASUREMENTS, ALL SPANS ARE SIMILAR 2018

Span 1 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	72	48	24	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	24		Feet

General Comments

Span 1 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	72	34	38	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	38		Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 1 Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 1 Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 1 Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 2 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	6,683	6,683	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 2 — Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	154	144	10	0	0	Feet
515	Steel Protective Coating	2,500	2,490	0	10	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	SURFACE RUST ON BOTTOM FLANGE 10' LONG X 8" WIDE WITH NO SECTION LOSS AT 10' FROM BENT 1	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE , SURFACE RUST ON BOTTOM FLANGE	3	10	10	Square Feet

General Comments

SPAN 2 BEAM 4 AT 10 FT. FROM BENT 1 SIDE VIEW OF SURFACE RUST ON BOTTOM FLANGE, NO SECTION LOSS

Span 2 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	156	124	32	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	32		Feet

General Comments

Span 2 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	156	118	34	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Delamination/Spall	SPALL 42" LONG X 7" WIDE X 6" DEEP AT MID SPAN PRIORITY MAINTENANCE ISSUED	3	4	4	Feet
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	32		Feet
331	Delamination/Spall	2 - 6" DIAMETER X 1" DEEP SURFACE SPALLS	2	2	2	Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 3 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	5,931	5,931	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

SPAN 4 DECK MILLED AND RESURFACED WITH SAME MEASUREMENTS, ALL SPANS ARE SIMILAR 2018

Span 3 Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	138	115	23	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	23		Feet

General Comments

Span 3 Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	138	99	39	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	39		Feet

General Comments

Span 4 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,530	2,530	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

Span 4 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	59	48	11	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	11		Feet

General Comments

Span 4 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	59	43	16	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING	2	16		Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	1	0	0	0	Each
515	Steel Protective Coating	3	3	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Span 4 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	46	46	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

END BENT 2 JOINT NEW 2018

Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	66	0	0	0	Feet
521	Concrete Protective Coating	242	242	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Bent 1 — Pile 2

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	1	0	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

End Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	66	0	0	0	Feet
521	Concrete Protective Coating	132	132	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

END BENT PILES NOT VISIBLE DUE TO CONC. SLOPE PROTECTION

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	55	55	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Bent 2 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	65	1	0	0	Feet
521	Concrete Protective Coating	242	242	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	1/32" WIDE DIAGONAL CRACK ON SPAN 2 FACE UNDER BEAM 6	2	1		Feet

General Comments

End Bent 2 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	66	60	6	0	0	Feet
521	Concrete Protective Coating	132	132	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	6 - HAIRLINE VERTICAL CRACKS AT 1' SPACING IN END BENT 2 CAP FROM BAY 1 TO BEAM 3	2	6		Feet

General Comments

END BENT PILES NOT VISIBLE DUE TO CONC. SLOPE PROTECTION

Bent 3 — Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	1	0	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

Approach 2

Reinforced Concrete Approach Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
321	Reinforced Concrete Approach Slabs	645	645	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

NORTH APPROACH SLAB MILLED AND RESURFACED, SAME MEASUREMENTS 2018

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3089
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	69
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	69
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	69
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	70
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	70
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	70
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	72
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	72
Span 1	Expansion Joint	Standard Joint	Pourable Joint Seal	46
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	6683
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	153
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	154
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	154
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	154
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	154
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	154
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	156
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	156
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	46
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5931

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	136
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	136
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	137
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	137
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	138
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	138
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	138
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	138
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	46
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2530
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	56
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	56
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	57
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	57
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	57
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	57
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	59
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	59
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	46
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	46
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	55
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	55
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	66
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

Bent 1	Abutment

Bent 1	Cap 1

Bent 1	Cap 1

END BENT PILES NOT VISIBLE DUE TO CONC. SLOPE PROTECTION

Bent 1	Pile 2

Bent 3	Pile 1

Span 1	Deck

SPAN 4 DECK MILLED AND RESURFACED WITH SAME MEASUREMENTS, ALL SPANS ARE SIMILAR 2018

Span 1	Far Bearing

Span 2	Deck

Span 2	Near Bearing

Span 3	Deck

SPAN 4 DECK MILLED AND RESURFACED WITH SAME MEASUREMENTS, ALL SPANS ARE SIMILAR 2018

Span 4	Deck

Span 4	Expansion Joint

END BENT 2 JOINT NEW 2018

Span 4	Far Bearing

National Bridge and NC Inspection Items

Structure Number: 250026 **Inspection Date:** 10/09/2018

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**7**
Item 59: Superstructure	0 - 9 , N	**7**
Item 60: Substructure	0 - 9 , N	**7**
Item 61: Channel and Channel Protection	0 - 9 , N	**N**
Item 62: Culvert	0 - 9 , N	**N**
Item 71: Waterway Adequacy	0 - 9 , N	**N**
Item 72: Approach Roadway Alignment	0 - 9 , N	**8**

Note: If NBI Inspection Item is not present, code NBI item with "N"

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	**G**	**0**	**3376**
Drainage System	G, F, P, or C	**G**	**0**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	**F**	**100**	**3352**
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	**G**	**0**	**3350**
Field Scour Evaluation				
Drift	G, F, P, or C			
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Estimated Remaining Life	0 - 100 Years	**28**		
Superstructure Paint Code		**W**		

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	**N**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**6**
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	**Y**
Bucket Truck Used	YES/NO	**N**
Boat Used	YES/NO	**N**
Other Equipment Used	YES/NO	**N**

National Bridge and NC SMU Inspection Item Details

Structure Number: 250026 **Inspection Date:** 10/09/2018

Item	Priority Maintenance Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	SPAN 2 RIGHT EXTERIOR RAIL SPALL AT MID SPAN						

Item	Slope Protection	**Grade**	F	**Maint Code**	3352	**Qty.**	100
Details	VEGETATION ON END BENT 2 SLOPE PROTECTION 100 SQUARE FOOT. FT.						

SPAN 2 BEAM 4 AT 10 FT. FROM BENT 1 SIDE VIEW OF SURFACE RUST ON BOTTOM FLANGE, NO SECTION LOSS

Span 2 Beam 4: SURFACE RUST ON BOTTOM FLANGE 10' LONG X 8" WIDE WITH NO SECTION LOSS AT 10' FROM BENT 1

Bent 2 Cap 1: 1/32" WIDE DIAGONAL CRACK ON SPAN 2 FACE UNDER BEAM 6

VEGETATION ON END BENT 2 SLOPE PROTECTION 100 SQUARE FOOT. FT.

End Bent 2 Cap 1: 6 - HAIRLINE VERTICAL CRACKS AT 1' SPACING IN END BENT 2 CAP FROM BAY 1 TO BEAM 3

SPAN 4 DECK MILLED AND RESURFACED WITH SAME MEASUREMENTS, ALL SPANS ARE SIMILAR 2018

Span 4 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 4 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 3 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 3 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 2 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 2 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 2 Right Bridge Rail: 2 - 6" DIAMETER X 1" DEEP SURFACE SPALLS

Span 2 Right Bridge Rail: SPALL 42" LONG X 7" WIDE X 6" DEEP AT MID SPAN PRIORITY MAINTENANCE ISSUED

Span 1 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

Span 1 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 1-3 FT. SPACING

SPAN 2 BEAM 3 NEAR BEARING

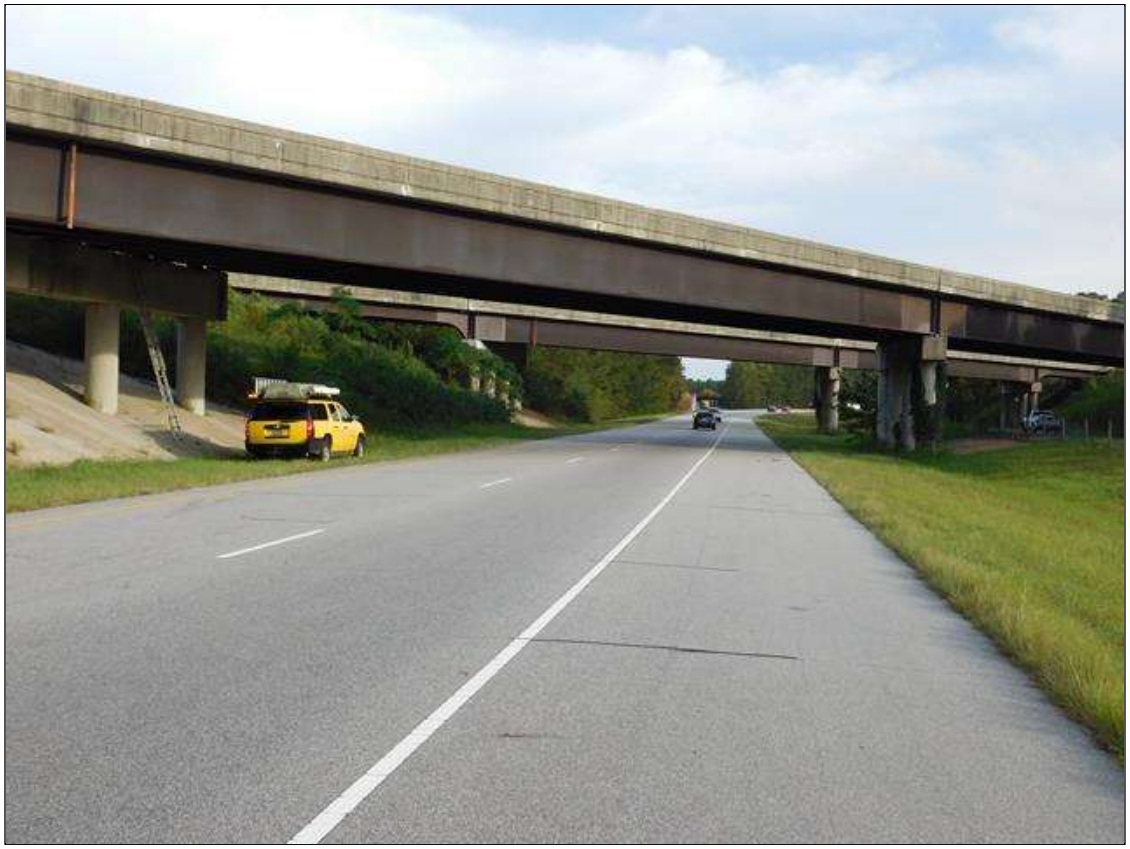
WEST END OF BENT 1 CAP, SIMPLE SPANS

END BENT 1

SPAN 1 SUPERSTRUCTURE, SPAN 4 SIMILAR

BENT 1

EAST PROFILE



LOOKING WEST, NORTHBOUND LANE 95 BUSINESS THRU SPAN 2

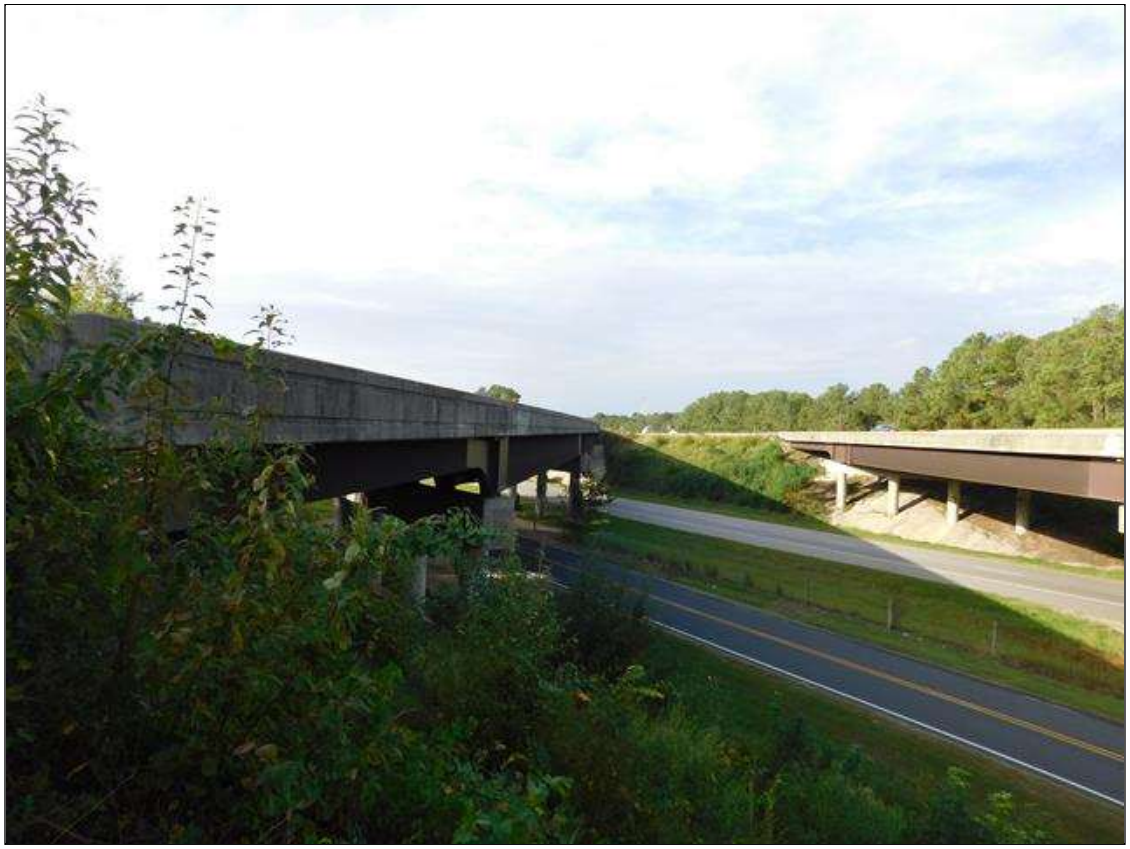
BENT 2

SPAN 2 SUPERSTRUCTURE, SPAN 3 SIMILAR

LOOKING WEST, SR 2284 THRU SPAN 3

BENT 3

END BENT 2



WEST PROFILE

LOOKING SOUTH, NORTHBOUND LANE

NORTH APPROACH SLAB MILLED AND RESURFACED, SAME MEASUREMENTS

END BENT 2 JOINT NEW

BENT 3 JOINT, NEW

LOOKING NORTH, OFF BRIDGE

LOOKING SOUTH, OFF BRIDGE

LOOKING WEST, NORTH 95 BUS.

LOOKING EAST, ON RAMP 95 BUS.

GUARDRAIL CONNECTION

GUARDRAIL POST SPACING AT TRANSITION

LOOKING NORTH

GUARDRAIL POST SPACING AT MID PORTION

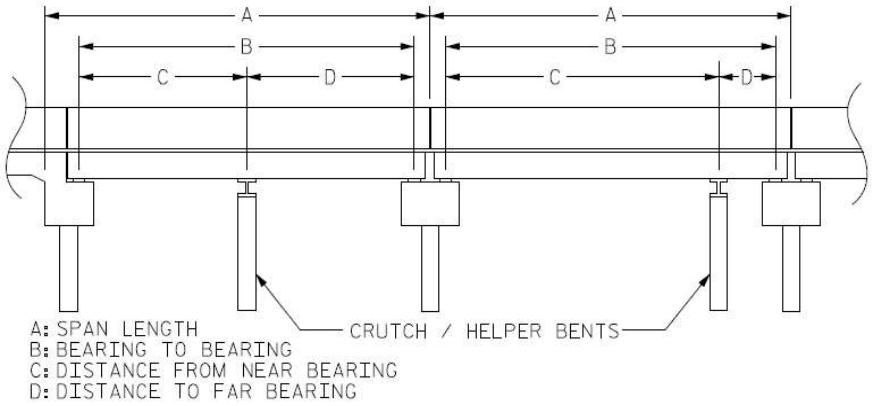
GUARDRAIL END TERMINAL

Structure Data Worksheet

Span Profile

County: **CUMBERLAND**

Structure Number: **250026**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	71.833	66.917			
2	155.417	153.917			
3	137.917	136.417			
4	58.833	54.500			

NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 05/09/2019

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **250026**
(8) STRUCTURE NUMBER(FEDERAL) 000000000510026
(5) INVENTORY ROUTE (ON/UNDER) - ON 11000950
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 51 (4) PLACE CODE 32640
(6) FEATURE INTERSECTED - I95BUS;SR2284 SERV. RD
(7) FACILITY CARRIED I95 NBL
(9) LOCATION 1.1 MI. S. OF JCT NC59
(11)MILEPOINT 40.5
(16)LAT 34° 55' 51.12" (17)LONG 78° 56' 18.24"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Steel
TYPE - Stringer Mutlibeam or Girder CODE 302
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 4
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 1 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - Concrete CODE 1
(B) TYPE OF MEMBRANE - None CODE 0
(C) TYPE OF DECK PROTECTION - None CODE 0

AGE AND SERVICE

(27) YEAR BUILT 1980
(106)YEAR RECONSTRUCTED
(42) TYPE OF SERVICE : ON - Overpass - Interchange
UNDER - Highway CODE 61
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 4
(29) AVERAGE DAILY TRAFFIC 20000
(30) YEAR OF ADT 2017 (109) TRUCK ADT PCT 16%
(19) BYPASS OR DETOUR LENGTH 1 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 154 FT
(49) STRUCTURE LENGTH 424 FT
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT 0 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 40.1667 FT
(52) DECK WIDTH OUT TO OUT 43 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 39 FT
(33) BRIDGE MEDIAN - Open Median CODE 1
(34) SKEW 53° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 40.1667 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
(54) MIN VERT UNDERCLEAR REF Highway 15.5 FT
(55) MIN LAT UNDERCLEAR RT REF Highway 23.667 FT
(56) MIN LAT UNDERCLEAR LT REF - 99.9 FT

NAVIGATION DATA

(38) NAVIGATION CONTROL - Not Applicable CODE N
(111)PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

SUFFICIENCY RATING = 96.5
STATUS = Not Deficient

CLASSIFICATION — CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is on the NHS 1
(26) FUNCTIONAL CLASS - Arterial - Interstate 11
(100)STRAHNET HIGHWAY - Interstate STRAHNET Route 1
(101)PARALLEL STRUCTURE - Right Parallel Structure R
(102)DIRECTION OF TRAFFIC - 1-way Traffic 1
(103)TEMPORARY STRUCTURE -
(110)DESIGNATED NATIONAL NETWORK - On the National Network 1
(20) TOLL On Free Road 3
(31) MAINTAIN - State Highway Agency 01
(22) OWNER - State Highway Agency 01
(37) HISTORICAL SIGNIFICANCE - Not Eligible 5

CONDITION — CODE

(58) DECK 7
(59) SUPERSTRUCTURE 7
(60) SUBSTRUCTURE 7
(61) CHANNEL & CHANNEL PROTECTION N
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD HS 20 + MOD 6
(63) OPERATING RATING METHOD - Load Factor 1
(64) OPERATING RATING - HS-54 98
(65) INVENTORY RATING METHOD - Load Factor 1
(66) INVENTORY RATING - HS-33 59
(70) BRIDGE POSTING - No Posting Required 5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED A
DESCRIPTION - Open, No Restriction

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION 7
(68) DECK GEOMETRY 7
(69) UNDERCLEARANCES,VERTI & HORIZ 7
(71) WATERWAY ADEQUACY N
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 1111
(113)SCOUR CRITICAL BRIDGES N

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK - CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114)FUTURE ADT 40000 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 10/09/2018
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)
B) UNDERWATER INSP - NO B)
C) OTHER SPECIAL INSP NO C)
SCOUR

Structure No: 250026 County: CUMBERLAND Run Date:

Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note 1					STRAHNET Highway Designator	Direction of Traffic	Highway System of Route
													Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade			
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	I95N	16000950	17.17	40.50	1	10095		14	2	7500	2015	75.92	H	17.08	29.75	22	9	0	1	0
3	SR2284	380022840	15.58		0			19	2	1700	2016	47.42	H	15.5	23.67	99.9	9	0	1	0

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 05/09/2019

COUNTY : CUMBERLAND
DIVISION : 6
DISTRICT: 2
STRUCTURE NUMBER : 250026
LENGTH : 424 FEET

ROUTE CARRIED : I95 NBL
FEATURE INTERSECTED : I95BUS;SR2284 SERV. RD

LOCATED : 1.1 MI. S. OF JCT NC59
BRIDGE NAME :
CITY : * HOPE MILLS

FUNC. CLASS : 11
SYST.ON : FA
SYST.UNDER : NFA
ADT & YR : 20000 2017
RAIL TYPE : LT 41 RT 41

BUILT : 1980
BY : DOH
PROJ : 8.1347405
FED.AID PROJ : I-95-2
DESIGN LOAD : HS 20 + MOD

REHAB :
BY :
PROJ :
ALIGNMENT : RT.
SKEW : 143
LANES : ON 2 UNDER 4

NAVIGATION : VC 0 FT HC 0 FT
HT. CRN. TO BED : 0 FT
WATER DEPTH : 0 FT

SUPERSTRUCTURE : REINF.CONC.FLOOR ON I-BEAMS & STL. PLATE GIRDERS

SUBSTRUCTURE : EBTS:RC CAPS/H-PILES;IBTS:RCP&B/PILE FTGS

SPANS : 1@71'-10",1@155'-5",1@137'-11",1@58'-10"

BEAMS OR GIRDERS : SPNS1&4:6LNS.36"I-BMS;SPNS2&3:6LNS.72"PLATE GDRS.@7.5' SPACINGS

FLOOR : 9 RC/NO AWS
ENCROACHMENT :
DECK (OUT TO OUT) : 43 FT

CLEAR ROADWAY : 40.1667 FT
BETWEEN RAILS : 40.1667 FT
SIDEWALK OR CURB : LT 0 FT RT 0 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-33
OPE.RTG. : HS-54
CONTR.MEMBER : int.bmA
POSTED : SV TTST DATE 01/01/0001

SYSTEM : Primary Interstate
GREEN LINE ROUTE : Y

UNDER ROUTES AND CLEARANCES

		Vertical Clearances		Horizontal Clearances		
Span	**Route Description**	**MMVC**	**MVC**	**Total**	**Left**	**Right**
2	I95N	17.1670	17.0830	75.9170	22	29.75
3	SR2284	15.5830	15.50	47.4170	99.90	23.6670

Note: All measurements are in feet.

REMARKS :

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 250026 County CUMBERLAND Date: 10/09/2018

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3318	Maint to Concrete Handrail	LF	4	Span 2 Right Bridge Rail: SPALL 42" LONG X 7" WIDE X 6" DEEP AT MID SPAN PRIORITY MAINTENANCE ISSUED	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 250026 County CUMBERLAND

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	4 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Maintenance Work In Process

Submitted Date:	Submitted By:	Assisted By:
10/09/2018	Ray L. Kisner	

Details
Span 2 Right Bridge Rail: SPALL 42" LONG X 7" WIDE X 6" DEEP AT MID SPAN PRIORITY MAINTENANCE ISSUED

Bridge Inspection Field Sketch

(I-95 NORTH)

MILE POINT 40.5 OVER I-95 BUS. AND SR 2284

MEASURED AT 10 FT. SOUTH OF STRUCTURE

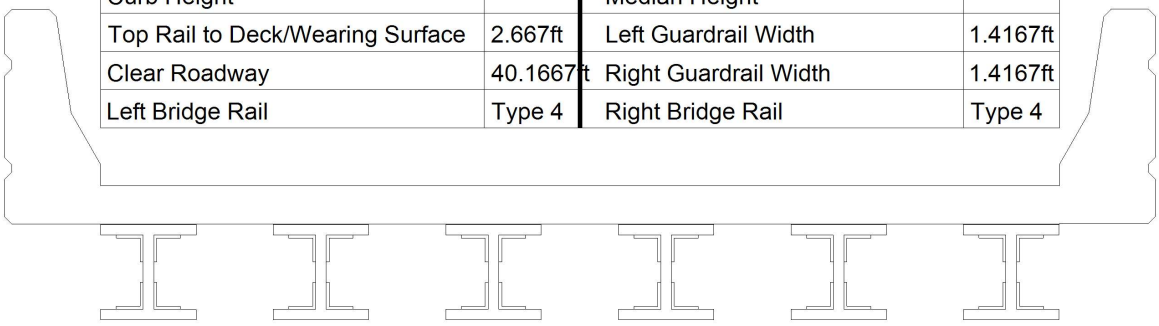
Roadway	25.25ft Wide	2 Paved Lanes	Looking North
Left Shoulder	9ft Wide	4ft Paved	5ft Unpaved
Right Shoulder	10ft Wide	10ft Paved	
Left Guardrail	9ft from road		
Right Guardrail	10ft from road		

MEASUREMENTS VERIFIED BY RLK 10/2/14
MEASUREMENTS VERIFIED BY RLK / DLK 10/19/16
MEASUREMENTS VERIFIED BY RLK 10/9/18

Title	**Description**		
APPROACH ROADWAY	LOOKING NORTH		
Bridge No: 250026	**Drawn By:** RLK	**Date:** 10/09/2012	**File Name:** S0234001047

Bridge Inspection Field Sketch

Deck Width/Out to Out	43ft	Wearing Surface	
Between Rails	40.1667ft	Median Width	
Curb Height		Median Height	
Top Rail to Deck/Wearing Surface	2.667ft	Left Guardrail Width	1.4167ft
Clear Roadway	40.1667ft	Right Guardrail Width	1.4167ft
Left Bridge Rail	Type 4	Right Bridge Rail	Type 4



Measurements for Span #	2	ALL SPANS SIMILAR	
Deck Thickness	0.75	Left Overhang	2.75
Top of Rail to Bottom of Beam	6.5833	Right Overhang	2.75

Beam No	Beam Type	Spacing	Comments
1	Steel Buildup Beam	7.5ft	
2	Steel Buildup Beam	7.5ft	
3	Steel Buildup Beam	7.5ft	
4	Steel Buildup Beam	7.5ft	
5	Steel Buildup Beam	7.5ft	
6	Steel Buildup Beam		

MEASUREMENTS VERIFIED BY RLK 11/2/10

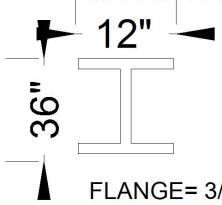
MEASUREMENTS VERIFIED BY RLK 10/9/12

MEASUREMENTS VERIFIED BY RLK 10/2/14

MEASUREMENTS VERIFIED BY RLK / DLK 10/19/16

MEASUREMENTS VERIFIED BY RLK 10/9/18

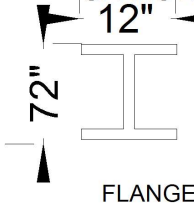
SPANS 1 AND 4



FLANGE= 3/4" WEB= 1/2"

HAUNCHED BEAMS

SPANS 2 AND 3



FLANGE= 1" WEB= 1/2"

SPANS 1 AND 4 INT. DIAPS. AT 1/3 AND 2/3 POINTS

SPANS 2 AND 3 INT. DIAPS AT 18' SPACING, 7 SETS

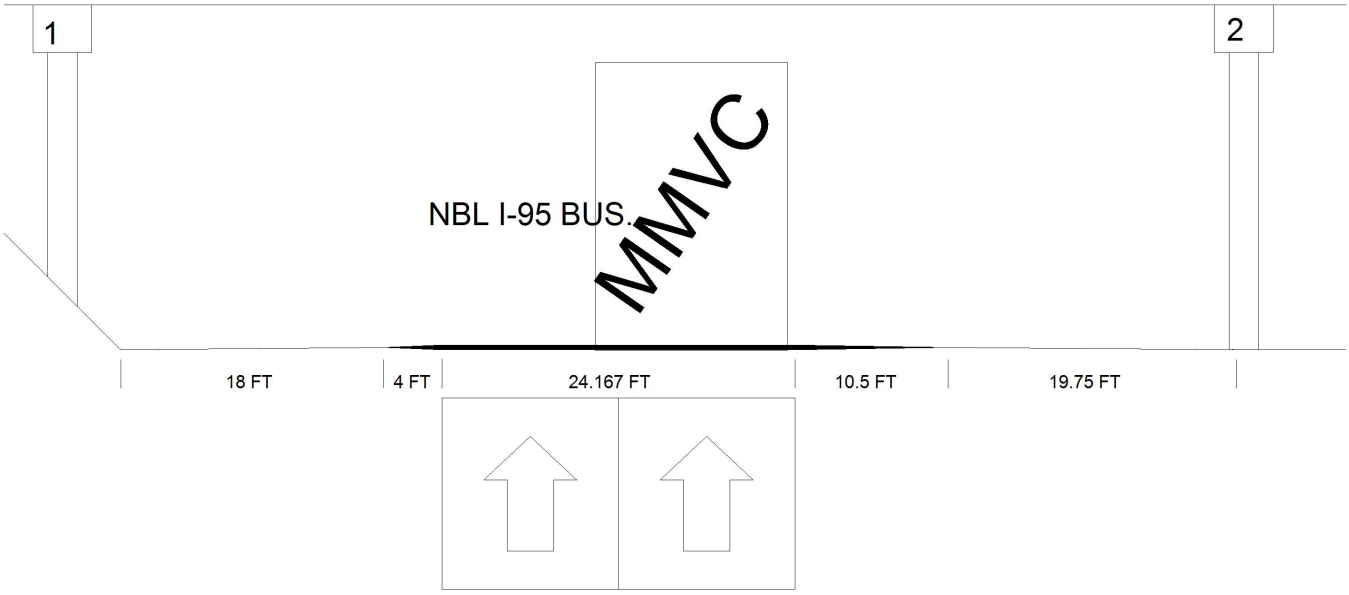
Title	Description
SUPERSTRUCTURE	6 Steel Plate Girders

Bridge No:	Drawn By:	Date:	File Name:
250026	CLS	02/05/2007	S0234001048

Bridge Inspection Field Sketch

I-95 NBL MP 40.5

Span 2



Roadway 1		Direction of Traffic	North
Distance to Left Rail		Distance to Right Rail	
Distance to Left Toe of Slope	22FT	Distance to Left Bent	33FT
Distance to Right Toe of Slope		Distance to Right Bent	29.75FT
MMVC	17.167 Ft at Beam 6, -10 FT from -10' FROM RIGHT WHITE LINE		
MVC	17.083 Ft at Beam 6, 0 FT from AT LEFT YELLOW LINE		

MEASUREMENTS VERIFIED BY RLK 10/2/14
MEASUREMENTS VERIFIED BY RLK / DLK 10/19/16

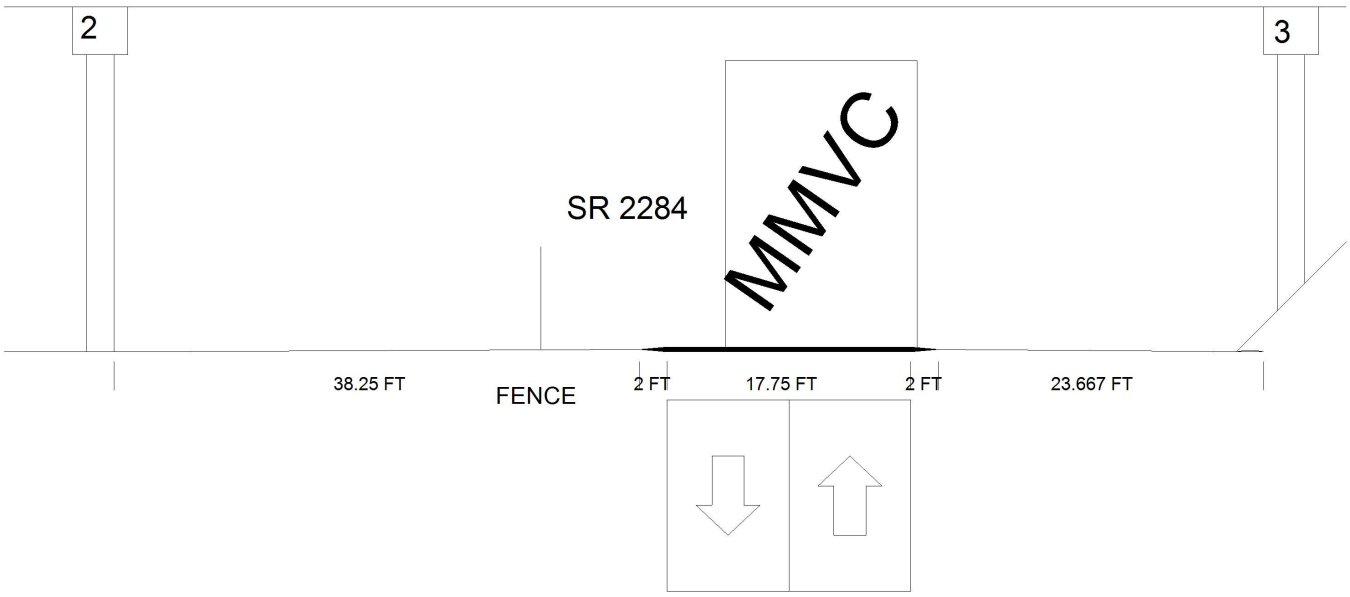
MEASUREMENTS VERIFIED BY RLK 10/9/18

Title	**Description**		
Clearance, Span 2	Looking West (North)		
Bridge No: 250026	**Drawn By:** RLK	**Date:** 10/09/2012	**File Name:** S0234001049

Bridge Inspection Field Sketch

I-95 NBL MP 40.5

Span 3



Roadway 1		Direction of Traffic	East West
Distance to Left Rail	6FT	Distance to Right Rail	
Distance to Left Toe of Slope		Distance to Left Bent	40.25FT
Distance to Right Toe of Slope	23.667FT	Distance to Right Bent	25.667FT
MMVC	15.583 Ft at Beam 6, 10 FT from Right white line		
MVC	15.5 Ft at Beam 6, 0 FT from AT LEFT EDGE OF PAVEMENT		

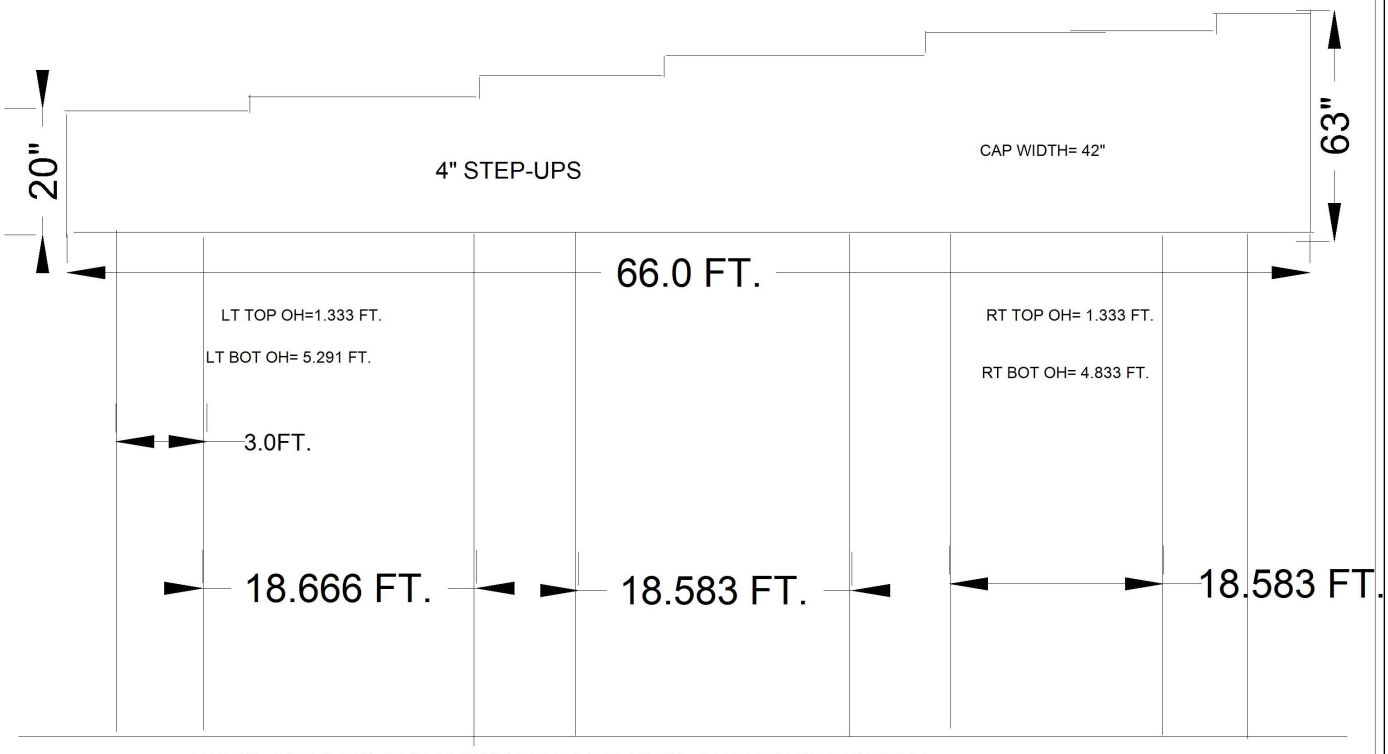
MEASUREMENTS VERIFIED BY RLK 10/2/14
MEASUREMENTS VERIFIED BY RLK / DLK 10/19/16

MEASUREMENTS VERIFIED BY RLK 10/9/18

Title	Description
SPAN 3 CLEARANCE	LOOKING WEST (NORTH)

Bridge No:	Drawn By:	Date:	File Name:
250026	RLK	10/09/2012	S0234001050

Bridge Inspection Field Sketch



EBTS: H-PILES NOT VISIBLE DUE TO SLOPE PROTECTION

MEASUREMENTS VERIFIED BY RLK 11/2/10

MEASUREMENTS VERIFIED BY RLK 10/9/12

MEASUREMENTS VERIFIED BY RLK 10/2/14

MEASUREMENTS VERIFIED BY RLK / DLK 10/19/16

MEASUREMENTS VERIFIED BY RLK 10/9/18

Title	**Description**
SUBSTRUCTURE	SIMILAR INTERIOR BENTS

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
250026	RLK	12/10/2008	S0098000697