

GEORGIA DEPARTMENT OF TRANSPORTATION

Bridge Inspection Report

District: 2
Bridge Inspector: Vince Tanner
Location ID: 181-00069X-001.42W
Structure ID: 181-5008-0

Inspection Date: 12/11/2012
Over: DOZIER BRANCH
County: Lincoln
Road Name: JONES MARTIN ROAD

Inspection Area: 02
Bridge Status: 06

EVALUATION & DEFICIENCIES

SubStructure:

Year Painted: 0000

Abutments - Concrete walls

The rating for the substructure is H-15

Small area of the top of the footing is exposed at abutment 1, left end.

SuperStructure:

Year Painted: 1978

Double steel beams, 5 per span. Beams are 2 - S12 x 31.8 with a 5' 3" spacing.

Span #1 = H-13 Calculated 2002 by WSS (Load Factor).

Beams are welded in the tension zone on the bottom with E type welds.

Tack welds are +/- 4" long. No problems.

Beams are corroded and need painting. Lead paint.

Beams do not fully support the deck due to a +/- 3/4" to 1" gap between beams and deck. Deck only rest on the left portion of the beams.

Appears as if this was a slab from another bridge and was moved here and placed on these beams.

Deck:

Concrete deck

The rating for the deck is H-15

Deck has transverse cracks all the way through.

Deck is some pattern cracking on the bottom.

Dirt in the gutters, need to remove.

General:

CALCULATIONS FOR THIS STRUCTURE WERE DETERMINED BY THE CENTRAL OFFICE - October 2002 (Load Factor)

This structure requires posting due to insufficient flexural capacity of the steel superstructure.

A replacement structure is required to upgrade the load carrying capacity to a point where posting is no longer required.

Appears to be built on rock.

No approach guardrail.

Minor erosion at end of forward right wing wall.

County Letter Information:

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Clean and paint beams

Seal cracks in deck

Dirt in the gutters

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EVALUATION & DEFICIENCIES

Condition Rating

Temp Shored: No

Component	Material	Rating
Substructure	Concrete	7
Superstructure	Steel	6
Deck	Concrete	5

Truck Type	Gross/H-Mod	HSMOD	Tand	3-S-2	Log	Piggy
Calculated Posting	18	28	18	29	23	00
Posting Required	Yes	No	Yes	No	Yes	No
Existing Posting	18	00	18	00	23	00

School Bus Route.

Structure Requires Posting