

# GEORGIA DEPARTMENT OF TRANSPORTATION

## Bridge Inspection Report

**District:** 2  
**Bridge Inspector:** Vince Tanner  
**Location ID:** 009-00092X-002.12N  
**Structure ID:** 009-5011-0

**Inspection Date:** 3/14/2012  
**Over:** FISHING CREEK  
**County:** Baldwin

**Inspection Area:** 02  
**Bridge Status:** 06

**Road Name:** ROBERTS ROAD

### EVALUATION & DEFICIENCIES

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#### SubStructure:

**Year Painted:** 1978

Abutments - Spread footing, concrete wall and 12" steel H piling caps

Substructure rating deemed adequate for Superstructure capacity - May, 2004.

Built on bed rock.

Both caps are corroded with minor pitting and should be cleaned / painted. No paint present.

Minor vertical crack in abutment 2 wall with light efflorescence forming.

#### SuperStructure:

**Year Painted:** 1978

Steel beams (looks like old D.O.T. beams)

Superstructure = H-14 Calculated 2004 by Central Office (Load Factor).

Beams are corroded with minor pitting.

Beam 9, right outside beam, has several 2" x 1" holes in bottom flange.

Angle iron welded to bottom of beams for lower lateral support.

Handrail post are welded to top and bottom flanges of both outside beams.

Need to clean and paint the beams. Lead paint.

#### Deck:

Corrugated metal decking with 5" asphalt overlay

Deck rating deemed adequate for Superstructure capacity - May, 2004.

Asphalt overlay has been patched but is still cracking throughout entire deck area.

The bottom of the metal deck pan is corroded.

#### General:

Calculations for this structure were determined by the Central Office. - May, 2004.

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

A replacement structure is required to upgrade this structure to a point where posting is no longer required.

No approach guardrail.

Metal handrail is corroded and needs to be painted

Approach roadway has minor cracking / patch areas on the rear and forward.

#### County Letter Information:

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

A replacement structure is required to upgrade this structure to a point where posting is no longer required

Clean and paint beams, caps, and handrail

Monitor cracking in abutment 2 wall

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#### Condition Rating

Temp Shored: No

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

Truck Type	Gross/H-Mod	HSMOD	Tand	3-S-2	Log	Piggy
Calculated Posting	17	21	17	27	24	00
Posting Required	Yes	No	Yes	No	Yes	No
Existing Posting	17	00	17	00	24	00

\*\*\*School Bus Route.\*\*\*

Structure Requires Posting