

# GEORGIA DEPARTMENT OF TRANSPORTATION

## Bridge Inspection Report

**District:** 2  
**Bridge Inspector:** Vince Tanner  
**Location ID:** 301-00062X-002.75E  
**Structure ID:** 301-5012-0

**Inspection Date:** 1/31/2013  
**Over:** LONG CREEK  
**County:** Warren  
**Road Name:** ANSLEY ROAD

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

### EVALUATION & DEFICIENCIES

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#### SubStructure:

**Year Painted:** 1957

Abutments and bents - 10" Steel H piling and concrete caps

Substructure = H-16 Calculated 2003 by Central Office (Load Factor).

Both abutment caps have light scaling.

The cap at bent 2 has minor cracking.

Small pop-out to rebar in cap at bent 3.

Piles are corroded and need to be cleaned /painted at bents 2 and 3. (The pile originally had 2P paint)

Note for reference only\* -- Piles at bents 2 and 3 had up to 3/16" section loss in pilings but were repaired/ encased in 1999.

#### SuperStructure:

**Year Painted:** 0000

Concrete T beams

Superstructure = H-13 Calculated 2003 by Central Office (Load Factor).

Light scaling on the beams in all spans. (This condition is worse in spans 1 and 3)

Beams have typical deflection cracks.

Small honey comb area on beam 4 at abutment 1.

Beam 4, rear at bent 3 is cracked and spalled in the bearing area. (This needs to be patched) - (see photo)

Both end walls have light scaling.

#### Deck:

Concrete deck

Deck rating deemed adequate for Superstructure capacity - January 2003.

Span 1 has shrinkage cracks right, 1 longitudinal crack, left, between beams 1 and 2.

Span 1 is cracked on the bottom, minor.

Spans 2 and 3 have minor shrinkage cracks.

All spans have minor scaling on the bottom.

Dirt and pea gravel in the gutters, minor.

Need to clean and seal the deck joints.

Asphalt overlay extends onto spans 1 and 3 - 6' to 7'.

#### General:

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CALCULATIONS FOR THIS STRUCTURE WERE DETERMINED BY THE CENTRAL OFFICE - JANUARY 2003.

This structure requires posting due to the insufficient shear capacity of the concrete superstructure and insufficient flexural capacity of the steel substructure. Any upgrade of the load carrying capacity would require a replacement structure.

No approach guardrail.

Small void under the forward left curb.

Approach roadway was resurfaced - 2009

This bridge was posted with the correct weight limit signs in 2013 (see photos)

(The add-on sign on the rear side of bridge but is missing the add-on sign on the forward side - it is not required but is noted) - 2013

County letter information:

Clean and seal the deck joints

Clean and paint piling

Seal cracks in deck in span 1

Repair void under forward left curb

Patch spall in beam end of beam 4, bent 3

Repair small pop-out to rebar in cap at bent 3.

#### Condition Rating

Temp Shored: No

Component	Material	Rating	Truck Type	Gross/H-Mod	HSMOD	Tand	3-S-2	Log	Piggy
Substructure	Steel/Concrete	5	Calculated Posting	15	19	15	26	22	00
Superstructure	Concrete	5	Posting Required	Yes	No	Yes	No	Yes	No
Deck	Concrete	5	Existing Posting	11	18	14	00	21	00

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

**Structure Requires Posting**