

GEORGIA DEPARTMENT OF TRANSPORTATION

Bridge Inspection Report

District: 3
Bridge Inspector: Keith Pinckard
Location ID: 093-00054X-000.60E
Structure ID: 093-5006-0

Inspection Date: 7/2/2013
Over: LILLY BRANCH
County: Dooly
Road Name: WEEKS ROAD

Inspection Area: 08
Bridge Status: 06

EVALUATION & DEFICIENCIES

SubStructure:

Year Painted: 0000

6-9 timber piles and concrete caps 21" D x 24" W x 38' L

Bent 4 = H-3 Calculated 2003 by Central Office (Load Factor). Revised 2009 Revised 2011

Timber piles are fair except for the following:

Bent 2, pile 1 has rot in outer shell (see photo).

Bent 4, piles 3 and 5.

Bent 5, pile 2.

Bent 7 pile 2 and pile 6 has 6" D x 10" W x 14" H decayed area. (see photo).

SuperStructure:

Year Painted: 1955

7 - W12x31 steel beams with 7 span @ 16' =112'

Span 3 = H-16- Calculated 2003 by Central Office (Load Factor).

Moderate corrosion and section loss of 1/16" in bearing areas of bent 5 beam 1 and also on anchor bolts.

Anchor nuts are corroded with majority of nuts having corroded away.

Steel elements need cleaning and painting.

Deck:

5" concrete deck

Deck rating deemed adequate for Superstructure capacity July, 2003

Moderate shrinkage cracking and moderate scaling.

Joints open and leaking. 2" gap between slabs.

Parapet has several spalls thru-out.

Hole in the deck at span 2 where piles have been driven for straddle bent. The hole has exposed rebar and small pieces of concrete in the holes, needs repairing. 2009 - Talked with Tom Watson about hole in deck and he advised that he would repair it. Repaired with tar & gravel. 2013.

General:

Built 1955. 112' x 24'. 45 degree skew.

Ladder not needed.

Calculations for this structure were determined by the Central Office. July, 2003. Revised November 2009. Revised October 2011 SGM

Recommended repairs:

Remove drift on upstream side at bents.

Joints need sealing.

Steel elements need cleaning and painting.

Replace pile 1 at bent 2, piles 3 and 5 at bent 4, pile 2 at bent 5 and piles 2 and 6 at bent 7.

Repair wash @ Abutment 8 Right.

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EVALUATION & DEFICIENCIES

Condition Rating

Temp Shored: No

Component	Material	Rating
Substructure	Timber/Concrete	3
Superstructure	Steel	5
Deck	Concrete	5

Truck Type	Gross/H-Mod	HSMOD	Tand	3-S-2	Log	Piggy
Calculated Posting	04	00	00	00	00	00
Posting Required	Yes	No	No	No	No	No
Existing Posting	04	00	00	00	00	00

School Bus Route.

Structure Requires Posting