

GEORGIA DEPARTMENT OF TRANSPORTATION

Bridge Inspection Report

District: 6
Bridge Inspector: Danny Mealer
Location ID: 055-00019X-000.03S
Structure ID: 055-5011-0

Inspection Date: 4/9/2012
Over: CHATTOOGA RIVER TRIB
County: Chattooga

Inspection Area: 06
Bridge Status: 06

Road Name: GREEN ROAD

EVALUATION & DEFICIENCIES

SubStructure:

Year Painted: 0000

Vertical wall concrete abutments.

Substructure deemed adequate for superstructure capacity –June 2010

Abutment #1 has been replaced and is in fair condition.

Abutment #1 has 4.5' of undermining at the upstream wing.

From the center of the abutment wall back upstream, small areas of 1' to 2' of undermining were detected.

The undermining noted above has been repaired with rip rap stone.

Abutment #2 has minor deterioration.

Abutment #2 has minor scour along the face with no undermining.

SuperStructure:

Year Painted: 2012

1 span with (5) S12X31.8 steel beams.

The beams last painted in 2012 with type 5 system.

The beams have no lateral support.

Handrail post welded to the web of the beams.

Substructure = H-10 Calculated 2012 by Central Office (Load Factor).

All beams are in good condition.

The beams have been painted since inspection 4-10

All beams have splices at the following locations:

Beam #1, #2 and #4 spliced 5' rear of abutment #2.

Beam #3 and #5 spliced 5' forward of abutment #1.

All splices are plated and intact.

Deck:

2" X 8" oak plank floor with same size runners located over the beams.

New deck in 2012.

Deck rating deemed adequate for Superstructure capacity – May 2012

The deck is in fair condition

General:

CALCULATIONS FOR THIS STRUCTURE WERE DETERMINED BY THE CENTRAL OFFICE –

June 2010. Revised May 2012 This structure requires posting due to the low original design capacity of the structure. A replacement structure is required to upgrade this structure to a point where posting is no longer required.

Built in 1950 as a local county design.

This structure is in overall good to fair condition.

Repairs: Weld existing lateral support angles to the top flange of all beams.

Replace the bottom lateral bracing on the beams, debris damage.

Equipment used during inspection, hand tools. 03-23-06, 05-14-08, 04-14-10 4-9-12

County Road # 19 Montgomery Road

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EVALUATION & DEFICIENCIES

Condition Rating

Temp Shored: No

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

Truck Type	Gross/H-Mod	HSMOD	Tand	3-S-2	Log	Piggy
Calculated Posting	16	22	14	23	18	00
Posting Required	Yes	Yes	Yes	Yes	Yes	No
Existing Posting	04	00	00	00	00	00

Not a School Bus Route.

Structure Requires Posting