

GEORGIA DEPARTMENT OF TRANSPORTATION

UnderWater Report

District: 2
Bridge Inspector: Shon Reynolds
Location ID: 091-00574F-005.98N
Structure ID: 091-0032-0

Inspection Date: 11/29/2011
Over: SUGAR CREEK
County: Dodge

Inspection Area: 10
Skew: 00

Bents Inspected: Bents 3 and 4
Bent Construction: H-Pile, Encased

*** Boat Used:** No
*** Surface Air:** No

Bridge Height: 16.8 **Location of Bridge Height**
Water Depth: 0.2

Condition Rating:

SubStructure: 5
Scour: 5
Waterway Adeq: 6

Channel Protection: 7
Underwater: 5

Detail Inspection:

This bridge was inspected according to the procedures established in the Georgia Department of Transportation's Underwater Bridge Inspection Team Policy and Procedures Manual ver. 01/2011.

10/23/2013 PDO Bridge height to cap is 11.2' at bent 3 pile 6.

Bent 3 protective coating has failed. Piles need cleaned and re-coated.

Bent 4 protective coating is intact.

Piles with exposed steel below encasements at bent 4 are smooth with no section loss. Piles need re-encased.

Encasements at bent 3 have a 2.5' diameter.

Encasements at bent 4 are 3.0' by 3.5' square on top of one large encasement that includes all piles 4.0' by 24.0'.

Encasement height

	Bent-3	Bent-4
pile-1	6.2'	6.0'
pile-2	6.1'	6.0'
pile-3	6.5'	6.0'
pile-4	5.4'	6.0'
pile-5	6.8'	6.0'
pile-6	7.2'	6.0'
pile-7	6.7'	6.0'
pile-8	7.0'	6.0'

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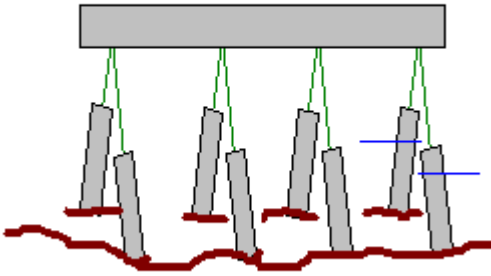
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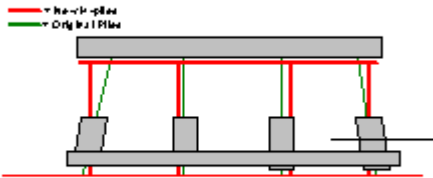
- 1
- 2
- 3
- 4

Bent #: 3
 Bent Type: 4TWR
 Pile Type: Encased Steel Pile



Col.	RTG	WD	FLG	EXP
1	7	2.5	na	0
2	7	1.5	na	0
3	7	2	na	0
4	7	.5	na	0
5	7	3	na	0
6	7	2	na	0
7	7	.5	na	0
8	7	2	na	0

Bent #: 4
 Bent Type: 4PILENC
 Pile Type: Encased Steel Pile



Col.	RTG	WD	FLG	EXP
1	5	3.5	7/16	3
2	5	2.5	na	.5
3	5	2	7/16	1
4	5	1.5	7/16	1
5	5	3.5	7/16	3

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6	5	2.5	na	.5
7	5	2	7/16	1
8	5	1.5	7/16	1

1
2
3
4
