BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 067-0099-0 **Cobb County** SUFF. RATING: 86.2

Location & Geography

* Structure I.D. No.: 067-0099-0
200 Bridge Information: 04

* 6A Freature Int.: SR 3 (US 41)
* 6B Critical Bridge: 0
* 7A Route Number Carried: SR00407
* 7B Facility Carried: I-285
* 9 Location: 3.1 MI EAST OF SMYRNA
2 DOT District: 7
207 Year Photo: 1997

* 91 Inspection Frequency: 24 Date: 05/01/1999
92A Fract Crit Insp Freq: 0 00 Date: 0000
92B Underwater Insp Freq: 0 00 Date: 0000
92C Other Spc. Insp Freq: 0 00 Date: 0000

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
Type: 1
Designator: 1
Number: 00285
Direction: 0

* 16 Latitude: 33-53.0
* 17 Longitude: 84 -28.2

98 Border Bridge: 000 %Shared: 00
99 ID Number: 000000000000000

* 100 Defense Highway: 1
* 101 Parallel Structure: N
* 102 Direction of Traffic: 2
264 Road Inventory Mile Post: 005.59

* 208 Inspection Area: 09 Initials: DEM

* Location I.D. No: 067-00407D-019.51C
* XReferen I.D. No: 000-000000-000.000

* 104 Highway System: 1
* 26 Functional Classification: 11
* 204 Federal Route Type: I No: 285-1
* 110 Truck Route: 1
206 School Bus Route: 0
217 Benchmark Elevation: 0.00
218 Datum: 0
* 19 Bypass Length: 1
* 20 Toll: 3
* 21 Maintenance: 01
* 22 Owner: 01
* 31 Design Load: 6
37 Historical Significance: 5
205 Congressional District: 07
* 27 Year Constructed: 1963
106 Year Reconstructed: 1986
33 Bridge Median: 3
34 Skew: 20
35 Structure Flared: 0
38 Navigation Control: N
213 Special Steel Design: 0
267 Type of Paint: 5

* 42 Type Service On: 1
Under: 1
214 Movable Bridge: 00
203 Type Bridge: Z-O-M-O
259 Pile Encasement: 3
* 43 Structure Type Main: 3 02
45 No. Spans Main: 004
44 Structure Type Appr: 0 0
46 No. Spans Appr: 0000
226 Bridge Curve Horz: 1 Vert: 0
111 Pier Protection: 0
107 Deck Structure Type: 1

108 Wearing Surface Type: 1
Membrane: 0
Protection: 0

Signs & Attachments

223 Expansion Joint Type: 02
242 Deck Drains: 0

243 Parapet Location: 0
Height: 0
Width: 0

238 Curb: 0.0 0
239 Handrail: 9 9
* 240 Median Barrier Rail: 1

241 Bridge Median Height: 0
Width: 0

* 230 Guardrail Loc Dir Rear: 6
Fwrd: 6
Oppo Dir Rear: 6
Fwrd: 6

244 Approach Slab: 3
224 Retaining Wall: 0

233 Posted Speed Limit: 65
236 Warning Sign: 0
234 Delineator: 1
235 Hazard Boards: 0

237 Utilities Gas: 00
Water: 00
Electric: 00
Telephone: 00
Sewer: 00

247 Lighting Street: 1
Navigation: 0
Aerial: 0

* 248 County Continuity No: 00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 067-0099-0 **Cobb County** SUFF. RATING: 86.2

Programming Data

201 Project No: IR-75-3 (143) CT.10
202 Plans Available: 1
249 Prop. Proj No:
250 Approval Status: 0000
251 P.I. No: 000000
252 Contract Date: 0000
260 Seismic No: 00000
75 Type Work: 00 0
94 Bridge Imp. Cost: $ 0
95 Roadway Imp. Cost: $ 0
96 Total Imp. Cost: $ 0
76 Imp. Length: 000000
97 Imp. Year: 0000
114 Future ADT: 236700 Year: 2018

Hydraulic Data

215 Waterway Data
Highwater Elev: 0000.0 Year: 0000
Flood Elev: 0000.0 Freq: 00
Avg. Streambed Elev: 0000.0
Drainage Area: 00000
Area of Opening: 000000
113 Scour Critical: N
216 Water Depth: 00.0 Br Height: 00.0
222 Slope Protection: 4
221 Spur Dikes Rear: 0 Fwrd: 0
219 Fender System: 0
220 Dolphin: 0
223 Culvert Cover: 000
Type: 0
No Barrels: 0
Width: 0.0
Height: 0.0
Length: 0
Apron: 0
* 265 U/W Insp. Area: 0 Diver: ZZZ

* Location I.D. No: 067-00407D-019.51C
* XReferen I.D. No: 000-000000-000.000

Measurements

* 29 ADT: 157800 Year: 1998
109 % Trucks: 12
* 28 Lanes On: 08 Under: 08
210 No. Tracks On: 00 Under: 00
* 48 Max. Span Length: 0081
* 49 Structure Length: 240
51 Br. Rdwy. Width: 142.3
52 Deck Width: 149.3
* 47 Tot. Horz. Cl: 74.3
50 Curb/Sdewlk Width: 0.0/0.0
32 Approach Rdwy Width: 132
* 229 Shlder Width:
Rear Lt: 6.0 Type: 2 Rt: 12.0
Fwrd Lt: 6.0 Type: 2 Rt: 12.0
Pvment Width:
Rear: 48.0 Type: 2
Fwrd: 48.0 Type: 2
Intersection Rear: 1 Fwrd: 1
36 Safety Features Br. Rail: 1
Transition: 2
App. G. Rail: 1
App. Rail End: 1
53 Minimum Cl. Over: 99' 99"
Under: H 17' 08"
* 228 Min. Vert. Cl
Act. Odm. Dir: 99' 99"
Oppo. Dir: 99' 99"
Posted Odm. Dir: 00' 00"
Oppo. Dir: 00' 00"
55 Lateral Undercl. Rt: H 13.0
56 Lateral Undercl. Lt: 12.5
* 10 Max Min Vert Cl: 99' 99" Dir: 0
39 Nav Vert Cl: 000 Horz: 0000
116 Nav Vert Cl Closed: 000
245 Deck Thickness Main: 7.5
Deck Thick Approach: 0.0
246 Overlay Thickness: 0.0
211 Tons Structural Steel: 0.0
212 Year Last Painted: Sup: 1998 Sub: 0000

Ratings

66 Inventory Type: 2 Rating: 36
64 Operating Type: 2 Rating: 51
231 Calculated Loads
H-Modified: 20 0
HS-Modified: 25 0
Type 3: 28 0
Type 3s2: 40 0
Timber: 36 0
Piggyback: 40 0
261 H Inventory Rating: 20
262 H Operating Rating: 28
67 Structural Evaluation: 7
58 Deck Condition: 5
59 Superstructure Condition: 7
* 227 Collision Damage: 0
60A Substructure Condition: 7
60B Scour Condition: N
60C Underwater Condition: N
71 Waterway Adequacy: N
61 Channel Protection Cond: N
68 Deck Geometry: 9
69 UnderClr. Horz/Vert: 6
72 Appr. Alignment: 8
62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
41 Struct Open, Posted, Cl: A
* 103 Temporary Structure: 0

232 Posted Loads H-Modified: 00
HS-Modified: 00
Type 3: 00
Type 3S2: 00
Timber: 00
Piggyback: 00
253 Notification Date: 0000
253 Fed Notify Date: 0000 0

#11

STATE HIGHWAY DEPARTMENT OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE I-285-1 (16) 88
Cobb County

OFFICE Atlanta, Georgia

DATE March 15, 1961

FROM W. F. Abercrombie, Engineer of Materials and Tests

TO C. A. Marmelstein, State Highway Bridge Engineer

SUBJECT: Bridge Foundations
Bridges Over US 41
Station 596+78

Attached are boring logs for these structures. Since piles were already shown, no undisturbed samples were taken.

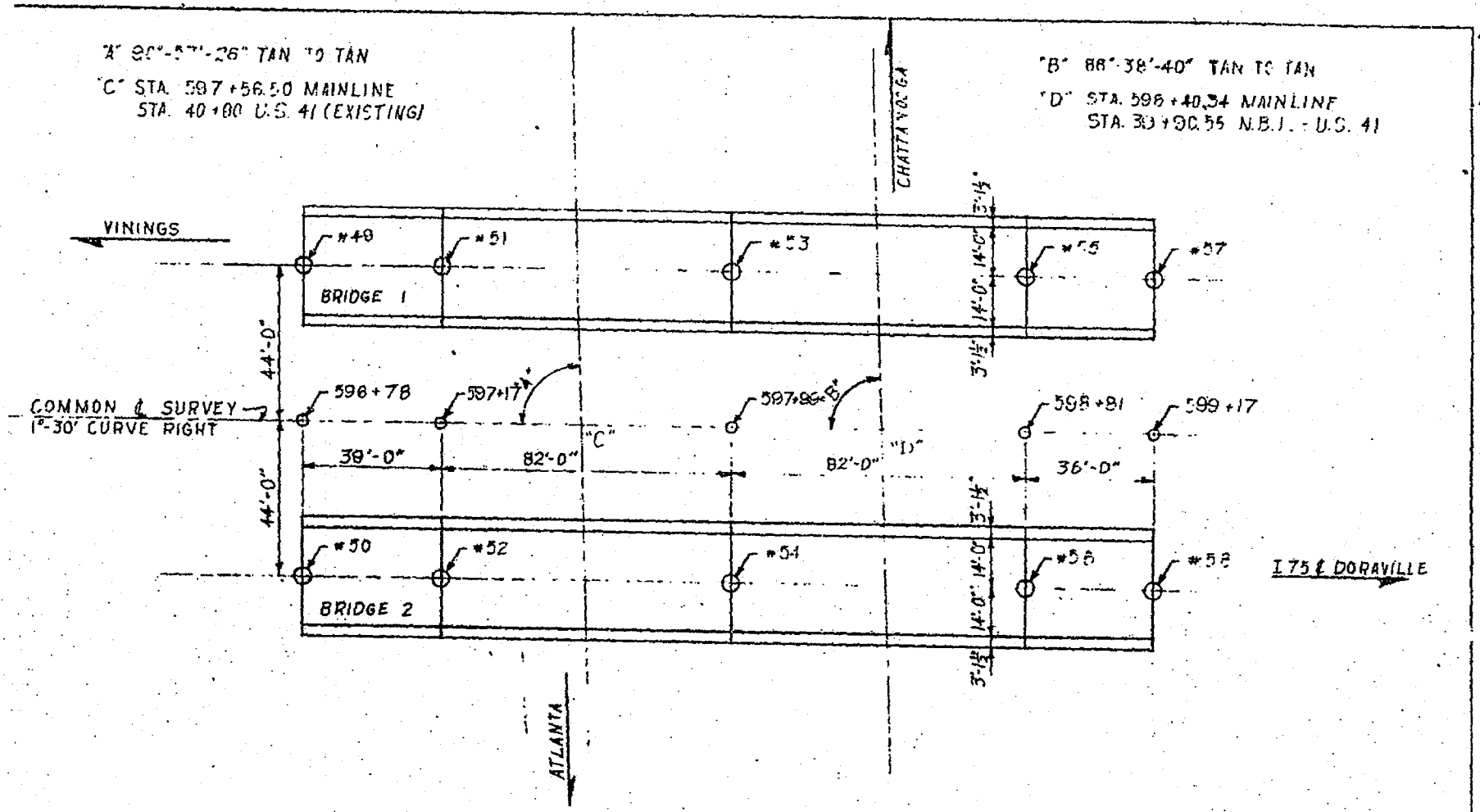
We suggest that steel piles driven to rock be used on these bridges. If rock is reached with all piles then a time interval between fill placement and bridge construction will not be necessary on these structures. Otherwise, an interval of six months should be used.

Yours very truly,

W. F. Abercrombie

W. F. Abercrombie
Engineer of Materials and Tests

WFA:TDM:rb



State Highway Department of Georgia
Bridge Foundation Investigation

DRW. L.L.S.

CKD. [illegible]

APP. [illegible]

Bridges 1 & 2 Over U.S. 41
Cobb County
I-285-1(16)88

Scale: 1"=40'

FORM H.D. 435

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. [illegible]-1(26)88 COUNTY Cobb

PROJECT NO. 59[illegible]59 McMitchen

LOCATION Bridges 1 and 2 over US 41

BORING NO. 49 Bridge #1 DATE 3-3-51

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	ø	q	BC	e	s		REMARKS
	34-917													
	Gr. El. 904.26													
	Brown clay & sap. Wet material Small boulders													
	Brown and gray mica silt with some clay													
	Gr sandy mica silt & sap.													
	Refusal-rock													

FORM H. D. 410

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. [illegible] COUNTY Cobb

CANTON NO. 597*95 Mobitchen

LOCATION Bridge 2 over US 41

BORING NO. X Bridge #2 DATE 1-3-61

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	ø	q	BC	e	s		REMARKS
	BT-537													
20	Gr. El. 200.36													
	[illegible] sand													
	Blue clay with [illegible] boulders [illegible] material													
30	[illegible]													
	[illegible] silt													
	[illegible]													
40														
50														

FORM H. B. 635

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. I-285-1(16)33 COUNTY Cobb

STATION NO. 597+99 McMitchen

LOCATION Bridges 1 and 2 over US 41

BORING NO. 51 Bridge #1 DATE 12-30-60

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	Ø	q	BC	e	S		REMARKS
	Gr. Elevation													
	Red silty clay, sap. and mica													
	Red and gray sandy sandy mica silt with saprolite	1S	14											
(1)		2S	12											
	Reddish sap. and clay—High in mica	3S	9											
	Red sandy clay, decom granite & feldspar (Split spoon bouncing on rock)	4S	45											
(0)	Soft rock—very hard drilling Gran & decom fels.	5S	120 = 6"											
590	Soft rock—very hard drilling													
	Wet soupy material Soft drilling													
580	Soft rock and small boulders													
570	Soft rock—very hard to drill													
560	Refusal rock													

FORM H.D. 483

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. I-[illegible]-1(16)[illegible] COUNTY Cobb

STATION NO. 597+59 McWitchen

LOCATION Bridge 2 over US 41

BORING NO. 52 Bridge #2 DATE 12-30-60

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	ø	q	EC	e	s		REMARKS
	Gr. El. 915.11													
	Red clay, sap. and mica													
	[illegible]													
	Reddish saprolite and mica with some clay													
120	Soft drilling													
	[illegible]													
	Gray sandy clay, saprolite & mica.													
120	Mt Material													
	Soft rock-very hard to drill													
	Soft rock-very hard to drill	Hard boulder												
120	[illegible]													
	Soft rock-very hard to drill													
	Refusal-rock													
120														

FORM [illegible]

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. I-285-1(16)28 COUNTY Cobb

STATION NO. 597 + 99

LOCATION Bridges No. 1 & 2 over U. S. 41

BORING NO. 53-Bridge #1 DATE 12-29-60

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	ø	q	BC	e	s		REMARKS
	Ground Elev.													
910	Reddish Clay, Sap, Mica w/ Small Boulders	1s	25											
	Grey and Red Sandy Clay	2s	21											
	Grey Sandy Clay and Saprolite	3s	17											
900	Grey Sandy Mica Silt	4s	30											
	Grey Sap and Mica Silt w/ Decomp. Feldspar	5s	22											
890	Grey Sap and Mica w/ Particles of Quartz(wet) *	6s	50 Blows = 3" penetration											*Split-spo bouncing c rock.
	Soft Rock-Hard Drilling													
	Refusal-Rock													
880														
870														
860														

FORM [illegible]

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. [illegible] COUNTY Cobb

STATION NO. 597 + 99

LOCATION Bridges No. 1 & 2 over U. S. 41

BORING NO. 54 - Bridge #2 DATE 12-30-60

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	φ	q	BC	e	s		REMARKS
	Ground Elev.													
	Brown Saprolite and Mica Silt with some small boulders													
[illegible]	Reddish Clay Sap. and Mica													
	Grey Sap. & Mica Silt w/ some clay													
[illegible]	Reddish Clay, Sap. and Mica Hard Drilling													
	Grey Sandy Clay and Saprolite (hard drilling)													
[illegible]	Grey Sandy Clay, Qtz and Mica (wet) [illegible]													
	Layers of Soft Rock w/ Small Boulders (very hard drilling)													
810	Refusal-Rock													
870														
830														
852														

FORM H. D. 633

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. I-285-1(25)93 COUNTY Cobb

STATION NO. 597 + 99

LOCATION Bridges No. 1 & 2 over U. S. 41

BORING NO. 53-Bridges #2 DATE 12-28-60

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	Ø	q	BC	e	S		REMARKS
	Ground Elev.													
	Red Clay and Rep. Rubble													
770	Reddish Silty Clay & Rep. high in Mica													
	Reddish Mica Silt w/ Clay-Soft Drilling													
740	Grey Sandy Mica Silt and Rep. Slightly hard Drilling													
	Grey Sandy Mica Silt & Rep.*													*Very hard Drilling.
	Same, but wet													
700	Soft Rock, Very Hard Drilling													
	Layers of Soft Rock, Very Hard Drilling													
650	Refusal - Rock													
630														

[illegible]

STATE HIGHWAY DEPARTMENT OF GEORGIA

DIVISION OF TESTS AND INVESTIGATIONS

ATLANTA, GEORGIA

REPORT OF BRIDGE SOUNDING INVESTIGATION

PROJECT NO. [illegible] COUNTY Cobb

STATION NO. [illegible]

LOCATION Bridges No. 1 & 2 over U. S. 41

BORING NO. 4 56-Bridge #2 DATE

ELEV.	BORING LOG	SAMPLE	BLOWS	W	γ	Gs	C	ø	q	EC	e	s		REMARKS
	Ground Elev.													
[illegible]	Red Clay and Sap.	1s	21											
	Red Clay and Sap. [illegible]	2s	10											
	Gray Sandy Mica Silt and Sap. w/ [illegible]	3s	14											
[illegible]	Gray Sandy Mica Silt	4s	43											
	Quartz and Decomp. Feldspar w/ Iron Oxide and Sap.	5s	55 Blows = 6" penetration											
[illegible]	Quartz Decomp. Feldspar w/ Quartz	6s	60 Blows = 6" penetration											
	Gray Sandy Mica Silt w/ Decomp. Feldspar													
[illegible]	Layers of Soft Rock													
	Soft Rock-Very Hard Refusal-Rock													
[illegible]														
[illegible]														

GEORGIA DEPARTMENT OF TRANSPORTATION

Bridge Inspection Report

District: 7
Bridge Inspector: DEM
Location ID: 067-00407D-019.51C
Structure ID: 067-0099-0

Inspection Date: 05/01/99
Over: SR 3 (US 41)
County: Cobb
Road Name: I-285

Inspection Area: 09
Bridge Status: 04

EVALUATION & DEFICIENCIES

SubStructure: **Year Painted:** 0000

All concrete units - caps and 10 columns per bent.

The ladder was used during 5-99 inspection at bents 2-3-4.

Inventory rating =H 23 known design.

Minor cracks in both abutment caps.

Open crack at construction joint in abutment #1 cap has now spalled and poped out exposing the re-bar.
This condition should be repaired.

Minor cracks in cap at bent #2.
Shallow steel spalls in cap at bent #4 exposing rebar.

SuperStructure: **Year Painted:** 1998

4 span steel beam (23 W36X135 beams per span).
Last painted in 1998.

The beam ends and bearing assemblies at bents 2-3-4 were in spected with the ladder during 5-99 inspection.

Original section has tappered cover plates with square ends, ends not welded.
Widening section has square end cover plates, ends welded.

Inventory rating = H 27 known design.

All beams are in good condition.

Bearing plate (riser) original section at bent #4 are working down into cap and have twisted out of alignment.
This has caused deck to drop 1' to 1 1/2" .

Deck:
7 1/2" concrete slab.
Metal S.I.P. deck forms in the widening only.

Inventory rating = H 20 known design.

Moderate to heavy transverse deck cracking in both CBL1 and CCBL lanes that requires sealing.
Cracking appears to be caused by shallow steel.
Minor cracking in bottom of deck.

Deck spalls in spans #2 (CBL) and in spans #1,#2,#4 requires repair in the CCBL1 (ASAP).

All silicone joints have failed and required sealing..

Minor edge beam cracking and spalling in original bridges.

GEORGIA DEPARTMENT OF TRANSPORTATION

Bridge Inspection Report

EVALUATION & DEFICIENCIES

General:
Built in 1963 project # - 1-285-1 (16) 88 CT 5.

Widened in 1986 project # - IR-75-3 (143) CT.10.

Note: At time of inspection the roadway under the bridge was under construction .
The lateral clearances will be updated at next inspection.

Condition Rating

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

Temp Shored: **No**

Truck Type	Gross/H-Mod	HSMod	Tand	3-S-2	Log	Piggy
Calculated Posting	20	25	28	40	36	40
Posting Required						
Existing Posting	00	00	00	00	00	00

Not a School Bus Route

Structure Does Not Require Posting

GEORGIA DEPARTMENT OF TRANSPORTATION

OFFICE OF MAINTAINANCE - BRIDGE DEFICIENCY REPORT

District: 7 **Inspection Date:** 05/01/99 **Inspection Area:** 09
Bridge Inspector: DEM **Over:** SR 3 (US 41)
Location ID: 067-00407D-019.51C **County:** Cobb
Structure ID: 067-0099-0 **Assit. District Engineer:** Mike Malocm

I-285 OVER SR 3 (US 41) ---- 3.1 MI EAST OF SMYRNA

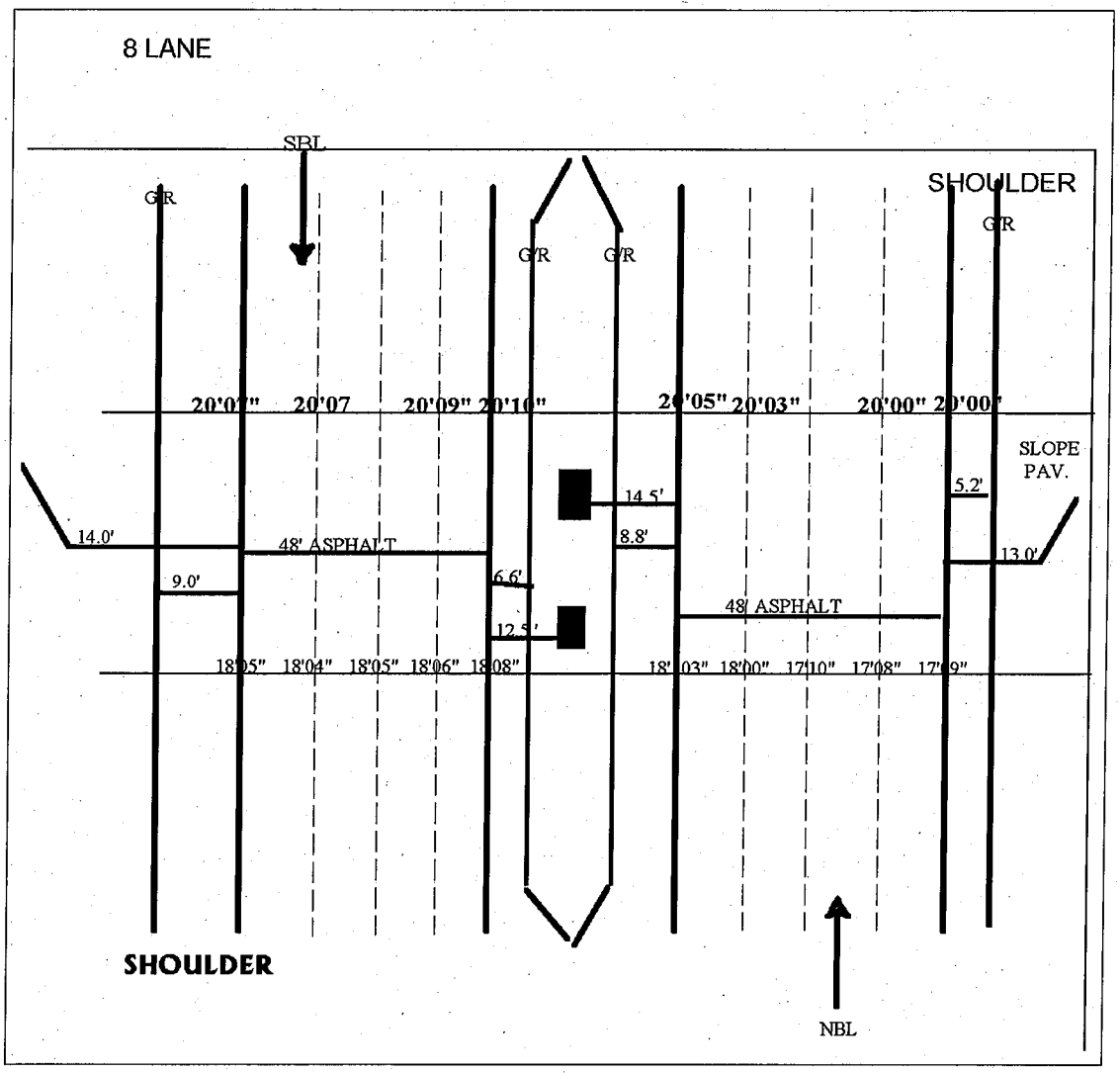
Item	UNITS	Work	P	Date Reported	LOCATION	Date Completed	Complete
824	GAL. PAINT	492	B	04/01/1987		06/01/1998	4079 Days
830	MAN-HRS.	40	B	05/01/1991		03/01/1995	1400 Days
801	LIN. FT.	200	B	05/01/1999	Seal joints as needed.		***
806	SQ. FT.	30	B	05/01/1999	Repair deck spalls		***
820	MAN-HRS.	112	B	05/01/1999	See comments		***

Comments:
820) reposition bearings (risers) under original beams at bent #4 and shim to full bearing.

GEORGIA DEPARTMENT OF TRANSPORTATION

Vertical Clearance Report

District: 7 **Inspection Date:** 05/01/99 **Inspection Area:** 09
Bridge Inspector: DEM **Over:** SR 3 (US 41)
Location ID: 067-00407D-019.51C **County:** Cobb
Structure ID: 067-0099-0 **Skew:** 20



XRef ID: 067-0099-0-A
Min. Clearance Over: 99-99 **Min. Clearance Under:** 17- 8 **Clearance Type:** H
Act Min Vert. Odom: 17- 8 **Post Min Vert Odom:** 0- 0
Act Min Vert. Opp: 18- 4 **Post Min Vert. Opp:** 0- 0
Max Min Vert. Clear: 18- 5 **Direction:** 2

Lat Under Clear Right: 13.0 **Left:** 12.5 **Lateral Type:** 6

Ratings-Under Cl Horz/Vert: 6 **Total Horizontal Clearence (ft):** 63.6

Cross Reference Report
Cobb County

Structure ID: 067-0099-0

Location & Geography

* Structure I.D. No.: 067-0099-0-A
* 6A Freature Int.: I-285
* 6B Critical Bridge: 0
* 7A Route Number Carried: SR00003
* 7B Facility Carried: US 41
* 9 Location: 3.1 MI EAST OF SMYRNA

* 91 Inspection Frequency: 00 Date: 0000
* 4 Place Code: 00000

* 5 Inventory Route (O/U): 2
Type: 2
Designator: 1
Number: 00041
Direction: 0

* 16 Latitude: 33.53.0
* 17 Longitude: 33.28.2

* 100 Defense Highway: 0
* 101 Parallel Structure: N
* 102 Direction of Traffic: 2
* 104 Highway System: 1
* 26 Functional Classification: 14
* 204 Federal Route Type: F No: 001-5
* 110 Truck Route:
* 19 Bypass Length: 4
* 20 Toll: 3
* 21 Maintenance: 01
* 22 Owner: 01

* 27 Year Constructed: 1963

* 42 Type Service On: 1
Under: 1
* 43 Structure Type Main: 3 02

* Location I.D. No: 067-00003D-001.70N
* XReferen I.D. No:

Signs & Attachments

* 240 Median Barrier Rail: 2

* 230 Guardrail Loc Dir Rear: 6
Fwrd: 6
Oppo Dir Rear: 6
Fwrd: 6

Measurements

* 29 ADT: 048200 Year: 1998

* 28 Lanes On: 08 Under: 08

* 48 Max. Span Length: 0081
* 49 Structure Length: 240

* 47 Tot. Horz. Cl: 63.6

* 229 Shlder Width:
Rear Lt: 2.0 Type: 2 Rt: 2.5
Fwrd Lt: 7.0 Type: 5 Rt: 2.0
Pvment Width:
Rear: 48.0 Type: 2
Fwrd: 48.0 Type: 2
Intersection Rear: 1 Fwrd: 1

* 228 Min. Vert. Cl
Act. Odm. Dir: 17' 08"
Oppo. Dir: 18' 04"
Posted Odm. Dir: 00' 00"
Oppo. Dir: 00' 00"

* 10 Max Min Vert Cl: 18' 05" Dir: 2

* 208 Inspection Area: 09 Initials: DEM
* 265 U/W Insp. Area: 0 Diver: ZZZ

Ratings

* 227 Collision Damage: 0

Posting Data

* 103 Temporary Structure: 0

* 248 County Continuity No: 14

COBB
067 - 00407 D - 019.51 C

067-0099-0

PHOTO'S: _____

SHEET'S: 25

REV. 1-72

BRIDGE INVENTORY FORM

REPLACING ____ CO.NO. ____ S.R. ____ ODO. ____
REPLACED BY ____
ADDITIONAL ☐ REVISED ☐ DELETE ☐

FIELD DIVISION NO. 7 COUNTY NO. 033 COUNTY NAME Cobb STATE ROUTE NO. 407

ODOMETER & ORIENTATION 01957 U.S. HWY. NO. I-285 FEDERAL ROUTE NO. I-285 PROJECT NO. ____

BRIDGE CARRYING I-285 EBL OVER SR 3-0 VERTICAL CLEAR 18.4 OPEN YES GA. STD. NOS. ____

TYPE OF BRIDGE 5C-5-C POSTED LOAD LIMIT NONE DESIGN LIVE LOAD HS 20 YEAR BUILT 1963

BRIDGE LENGTH 241.50 SPAN LENGTHS 1@81.7, 1@81.4, 1@40.6, 1@37.8 EXP. JOINTS YES ARMORED ☒ OTHER ☒

BRIDGE CULVERTS— STEEL ☐ CONCRETE ☐ TIMBER ☐ BARRELS (NO. SIZE) ____ LENGTH OF CULVERT ____

TRUSS ONLY
TYPE OF TRUSS DECK ☐ PONY ☐ KING POST ☐ THRU ☐ (KNEE-BRACED - YES ☐ NO ☐) MAXIMUM CLEARANCE ____
MINIMUM CLEARANCE ____ FABRICATORS NAME ____ YEAR FABRICATED ____

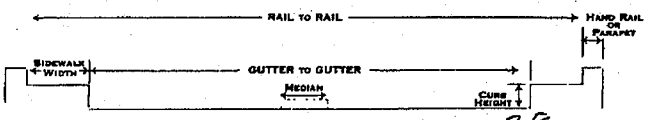
DELINEATORS YES ☒ NO ☐ HAZARD BOARDS YES ☐ NO ☒ SIGNS YES ☐ NO ☒ GUARD RAILS ATTACHED YES ☒ NO ☐

OVERLAY ASPH. ☐ CONC. ☐ THICKNESS NONE YEAR WIDENED NOT RIP RAP PLAIN ☐ SLOPE PAVING ☒ SANDBAG ☐

VEHICLE CAPACITY RATIO ____ A.A.D.T. ____ % TRUCKS ____

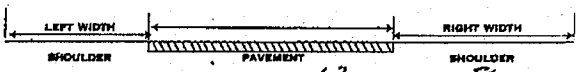
CLASSIFICATION

FED. AID SYSTEM ____
ADMINISTRATIVE ____
FUNCTIONAL ____



RAIL TO RAIL-W 33.5 GUTTER TO GUTTER-W 28 CURB-H 1.17
SIDEWALK-W 2.2 MEDIAN-H — MEDIAN-W —
HANDRAIL OR PARAPET-W 1.33 HANDRAIL TYPE-
AL ☒ CONC. ☐ S. ☐ T. ☐

UTILITIES- GAS ☐ WATER ☐ ELEC. ☐ TEL. ☐ SEWER ☐
DIMEN. ( ) ( ) ( ) (None)
TOP ☐ BOT ☐ LT. ☐ RT. ☐ CENT ☐



LT. SHOULDER-W REAR 12 FWD 8
RT. SHOULDER-W REAR 19 FWD 12
PAVEMENT-W REAR 24 FWD 24
PAVEMENT TYPE ASP. ☐ CONC. ☒ NONE ☐
LAT. 33° 53' 0"
LONG. 84° 28' 2"

SUBSTRUCTURE

UNITS	TYPE ABUT.	PIER	BT	FOUNDATION PFT	SFT	MS	COLUMNS T.	S.	C.	NO	PILING T.	S.	C.	NO	SWAYBR. YES	NO	TYPE OF CAP T.	S.	C.	OTHER
1	☒	☐	☐	☐	☐	☐	☐	☐	☐		☐	☒	☐		☐	☒	☐	☐	☒	
2	☐	☐	☒	☐	☒	☐	☐	☐	☒		☐	☐	☐		☐	☐	☐	☐	☒	
3	☐	☐	☒	☐	☒	☐	☐	☐	☒		☐	☐	☐		☐	☐	☐	☐	☒	
4	☐	☐	☒	☐	☒	☐	☐	☐	☒		☐	☐	☐		☐	☐	☐	☐	☒	
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BEARINGS

UNITS	REAR PL	ROCK	ROLL	NM	FWD PL	ROCK	ROLL	NM	OTHER
1	☒	☐	☐	☐	☐	☐	☐	☐	
2	☒	☐	☐	☐	☒	☐	☐	☐	
3	☒	☐	☐	☐	☒	☐	☐	☐	
4	☒	☐	☐	☐	☒	☐	☐	☐	
5	☐	☐	☐	☐	☒	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	

MAIN SUPPORTING MEMBERS

UNITS SPAN	TYPE T	S	C	MATERIAL	NO/SPAN	SPACING	LAT. SUPPORT T	S	C	OTHER
1	☐	☒	☐	WF	5	6.6	☐	☐	☒	
2	☐	☒	☐	"	"	"	☐	☐	☒	
3	☐	☒	☐	"	"	"	☐	☐	☒	
4	☐	☒	☐	"	"	"	☐	☐	☒	
	☐	☐	☐				☐	☐	☐	
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	☐	☐	☐				☐	☐	☐	
	☐	☐	☐				☐	☐	☐	

SUPERSTRUCTURE

SIMPLE ☒ CONTINUOUS ☐ CANTILEVER ☐
RIGID FRAME ☐ ARCH ☐ TUNNEL ☐ PED PASS ☐

STEEL — COMPOSITE ☐ W.F. ☒ PLATE GIRD. ☐ TRUSS ☐
MOVABLE ☐ FL. BEAM SYST. ☐ BOLT ☐
WELD ☐ RIVET ☐

CONCRETE — SLAB ☐ PRECAST GIRD. ☐ T-BEAM ☐ BOX GIRD. ☐
CELLULAR ☐

PRESTRESSED CONCRETE — POST TEN. ☐ PRE-TEN. ☐ GIRDER ☐ SLAB ☐

TIMBER — BEAMS ☐ TRUSS ☐

DECK MAT'L — CONC. ☒ STEEL ☐ TIMBER ☐ GRID ☐

REMARKS
Sight Dis. 0%

Simonton — INVENTORY BY
HPE — TITLE
11-1-72 — DATE

REVIEWED BY G.O. ____ TITLE ____ DATE ____

TO COMPUTER DIV ☐ DATE ____

CROSS REF
6-033-3E-0170 N
N&S BH
HRSTd 6

BRIDGE INVENTORY FORM

REPLACING ____ CO. NO. ____ S.R. ____ SEC. ____
REPLACED BY ____
ADDITIONAL ☐ REVISED ☐ DELETE ☐

FIELD DIVISION NO. 6 COUNTY NO. 033 COUNTY NAME COBB STATE ROUTE NO. 407
ODOMETER & ORIENTATION [redacted] U.S. HWY. NO. — FEDERAL ROUTE NO. I-285 PROJECT NO. I-285-1(16) 88 CTS

BRIDGE CARRYING I-285 EBLN OVER SR 3-E N&SBL VERTICAL CLEAR * OPEN YES GA. STD. NOS. Sp des

TYPE OF BRIDGE S.C.-S.C. POSTED LOAD LIMIT NONE DESIGN LIVE LOAD HS20 YEAR BUILT 1963

BRIDGE LENGTH 241.50 SPAN LENGTHS 1@81.7, 1@81.4, 1@40.6, 1@37.80 EXP. JOINTS YES ARMORED ☒ OTHER ☒

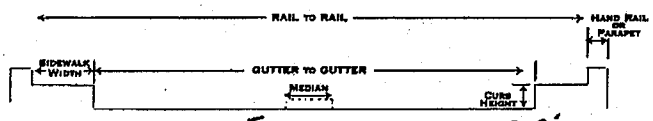
BRIDGE CULVERTS — STEEL ☐ CONCRETE ☐ TIMBER ☐ BARRELS (NO. SIZE) ____ LENGTH OF CULVERT ____

TRUSS ONLY
TYPE OF TRUSS DECK ☐ PONY ☐ KING POST ☐ THRU ☐ (KNEE-BRACED - YES ☐ NO ☐) MAXIMUM CLEARANCE ____
MINIMUM CLEARANCE ____ FABRICATORS NAME ____ YEAR FABRICATED ____

DELINEATORS YES ☒ NO ☐ HAZARD BOARDS YES ☐ NO ☒ SIGNS YES ☐ NO ☒ GUARD RAILS ATTACHED YES ☒ NO ☐

OVERLAY ASPH. ☐ CONC. ☐ THICKNESS NONE YEAR WIDENED NOT RIP RAP PLAIN ☐ SLOPE PAVING ☒ SANDBAG ☐

VEHICLE CAPACITY RATIO ____ A.A.D.T. No counts available % TRUCKS ____ REMARKS



RAIL TO RAIL-W 33.5 GUTTER TO GUTTER-W 28' CURB-H 117
SIDEWALK-W 2.2 MEDIAN-H NONE MEDIAN-W NONE
HANDRAIL OR PARAPET-W 0.33 HANDRAIL TYPE-
AL ☒ CONC. ☐ S. ☐ T. ☐

LT. SHOULDER-W REAR 12' FWD 8'
RT. SHOULDER-W REAR 19' FWD 12'
PAVEMENT-W REAR 24 FWD 24
PAVEMENT TYPE ASP. ☐ CONC. ☒ NONE ☐

NONE
UTILITIES- GAS ☐ WATER ☐ ELEC. ☐ TEL. ☐ SEWER ☐
DIMEN. ( ) ( ) ( ) ( ) ( )
TOP ☐ BOT ☐ LT. ☐ RT. ☐ CENT ☐

SUBSTRUCTURE

UNITS	TYPE ABUT.	TYPE PIER	TYPE BT	FOUNDATION PFT	FOUNDATION SFT	FOUNDATION MS	COLUMNS T.	COLUMNS S.	COLUMNS C.	NO	PILING T.	PILING S.	PILING C.	NO	SWAYBR. YES	SWAYBR. NO	TYPE OF CAP T.	TYPE OF CAP S.	TYPE OF CAP C.	OTHER
1	☐	☐	☒	☐	☐	☐	☐	☐	☐		☐	☒	☐	?	☐	☒	☐	☐	☒	
2	☐	☐	☒	☒	☒	☐	☐	☐	☒	2	☐	☐	☐		☐	☐	☐	☐	☒	
3	☐	☐	☒	☒	☒	☐	☐	☐	☒	2	☐	☐	☐		☐	☐	☐	☐	☒	
4	☐	☐	☒	☒	☒	☐	☐	☐	☒	2	☐	☐	☐		☐	☐	☐	☐	☒	
5	☐	☐	☒	☐	☐	☐	☐	☐	☐		☐	☒	☐	?	☐	☒	☐	☐	☒	
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Steel H

BEARINGS

UNITS	REAR PL	REAR ROCK	REAR ROLL	REAR NM	FWD PL	FWD ROCK	FWD ROLL	FWD NM	OTHER
1	☒	☐	☐	☐	☐	☐	☐	☐	
2	☒	☐	☐	☐	☒	☐	☐	☐	
3	☒	☐	☐	☐	☒	☐	☐	☐	
4	☒	☐	☐	☐	☒	☐	☐	☐	
5	☐	☐	☐	☐	☒	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	
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	☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	

MAIN SUPPORTING MEMBERS

UNITS SPAN	TYPE T	TYPE S	TYPE C	MATERIAL	NO/SPAN	SPACING	LAT. SUPPORT T	LAT. SUPPORT S	LAT. SUPPORT C	OTHER
1	☐	☒	☐	WF	5	6.6	☐	☐	☒	
2	☐	☒	☐	"	"	"	☐	☐	☒	
3	☐	☒	☐	"	"	"	☐	☐	☒	
4	☐	☒	☐	"	"	"	☐	☐	☒	
	☐	☐	☐				☐	☐	☐	
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	☐	☐	☐				☐	☐	☐	

SUPERSTRUCTURE

SIMPLE ☒ CONTINUOUS ☐ CANTILEVER ☐
RIGID FRAME ☐ ARCH ☐ TUNNEL ☐ PED PASS ☐

STEEL — COMPOSITE ☐ W.F. ☒ PLATE GIRD. ☐ TRUSS ☐ MOVABLE ☐ FL. BEAM SYST. ☐ BOLT ☐ WELD ☐ RIVET ☐

CONCRETE — SLAB ☐ PRECAST GIRD. ☐ T-BEAM ☐ BOX GIRD. ☐ CELLULAR ☐

PRESTRESSED CONCRETE — POST TEN. ☐ PRE-TEN. ☐ GIRDER ☐ SLAB ☐

TIMBER — BEAMS ☐ TRUSS ☐

DECK MAT'L — CONC. ☒ STEEL ☐ TIMBER ☐ GRID ☐

* SEE REVERSE SIDE

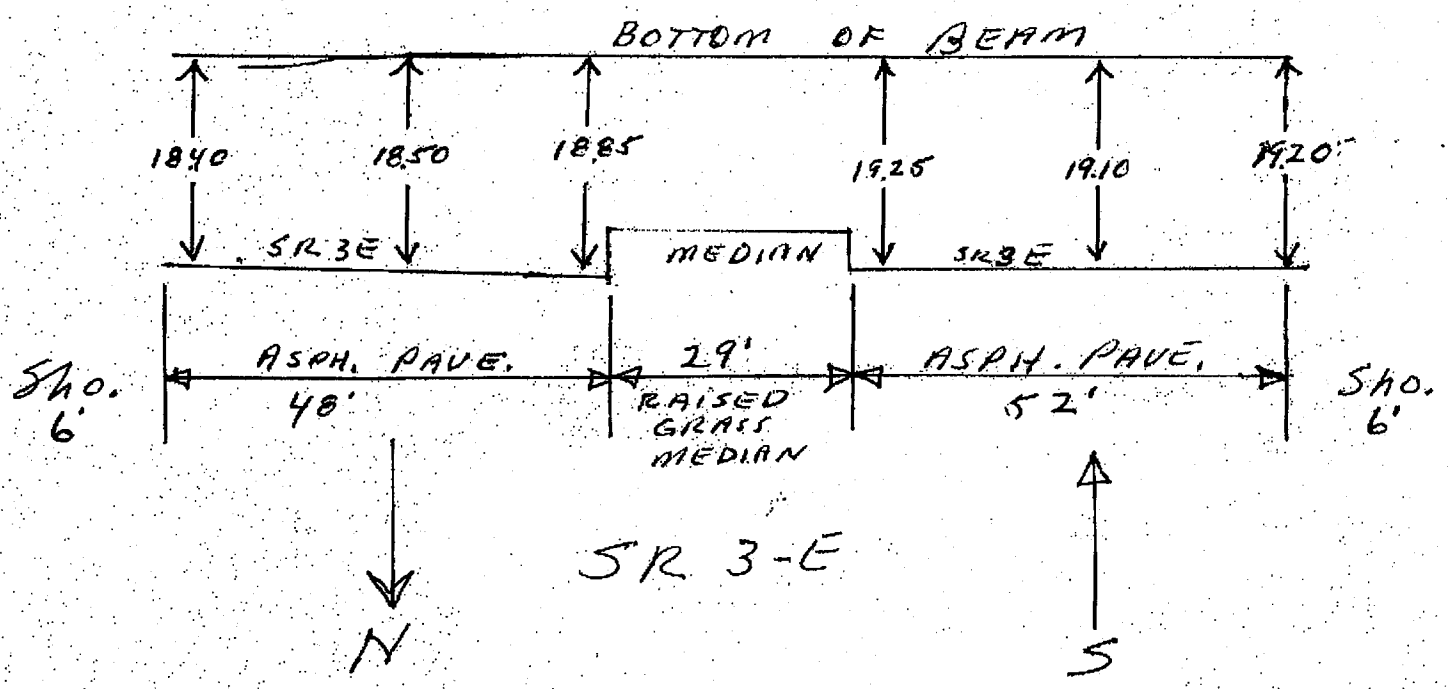
A Sandomierski — INVENTORY BY
Rwa — TITLE
9-3-69 — DATE

REVIEWED BY G.O. ____ TITLE ____ DATE ____

TO COMPUTER DIV ☐ DATE ____

B

33


BOTTOM OF BEAM
18.40
18.50
18.85
19.25
19.10
19.20
SR 3E
MEDIAN
SR 3E
Sho. 6'
ASPH. PAVE. 48'
29' RAISED GRASS MEDIAN
ASPH. PAVE. 52'
Sho. 6'
SR 3-E
N
S

CROSS REF
6-033-407-0208W
EBL 019STC

BRIDGE INVENTORY FORM

REPLACING ____ CO.NO. ____ S.R. ____ OBO. ____
REPLACED BY ____
ADDITIONAL ☐ REVISED ☐ DELETE ☐

FIELD DIVISION NO. 6 COUNTY NO. 033 COUNTY NAME COBB STATE ROUTE NO. 3-E

ODOMETER & ORIENTATION 0170-N U.S. HWY. NO. 41 FEDERAL ROUTE NO. F67-1 PROJECT NO. ____
SEE CROSS REF

BRIDGE CARRYING I-285 EBL OVER SR#3E N&S BL VERTICAL CLEAR ____ OPEN NO GA. STD. NOS. ____

TYPE OF BRIDGE ____ POSTED LOAD LIMIT ____ DESIGN LIVE LOAD ____ YEAR BUILT 1963

BRIDGE LENGTH ____ SPAN LENGTHS ____ EXP. JOINTS ____ ARMORED ☐ OTHER ☐

BRIDGE CULVERTS— STEEL ☐ CONCRETE ☐ TIMBER ☐ BARRELS (NO. SIZE) ____ LENGTH OF CULVERT ____

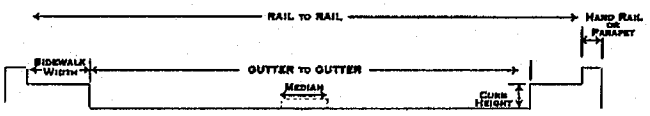
TRUSS ONLY
TYPE OF TRUSS DECK ☐ PONY ☐ KING POST ☐ THRU ☐ (KNEE-BRACED - YES ☐ NO ☐) MAXIMUM CLEARANCE ____
MINIMUM CLEARANCE ____ FABRICATORS NAME ____ YEAR FABRICATED ____

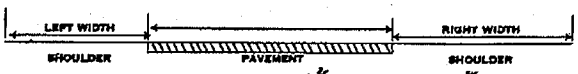
DELINEATORS YES ☐ NO ☒ HAZARD BOARDS YES ☐ NO ☒ SIGNS YES ☐ NO ☒ GUARD RAILS ATTACHED YES ☐ NO ☒

OVERLAY ASPH. ☐ CONC. ☐ THICKNESS ____ YEAR WIDENED ____ RIP RAP PLAIN ☐ SLOPE PAVING ☐ SANDBAG ☐

VEHICLE CAPACITY RATIO ____ A.A.D.T. ____ % TRUCKS ____
No counts available

REMARKS
2 BRIDGES





RAIL TO RAIL-W ____ GUTTER TO GUTTER-W ____ CURB-H ____
SIDEWALK-W ____ MEDIAN-H ____ MEDIAN-W ____
HANDRAIL OR PARAPET-W ____ HANDRAIL TYPE-
AL ☐ CONC. ☐ S. ☐ T. ☐

UTILITIES- GAS ☐ WATER ☐ ELEC. ☐ TEL. ☐ SEWER ☐
DIMEN. ( ) ( ) ( ) ( ) ( )
TOP ☐ BOT ☐ LT. ☐ RT. ☐ CENT ☐

LT. SHOULDER-W REAR * FWD. *
RT. SHOULDER-W REAR * FWD. *
PAVEMENT-W REAR * FWD. *
PAVEMENT TYPE ASP. ☒ CONC. ☐ NONE ☐

SUBSTRUCTURE

UNITS	TYPE			FOUNDATION			COLUMNS			NO	PILING			NO	SWAYBR.		TYPE OF CAP			OTHER
	ABUT.	PIER	BT	PFT	SFT	MS	T.	S.	C.		T.	S.	C.		YES	NO	T.	S.	C.	
	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐		☐	☐	☐	☐	☐	
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BEARINGS

UNITS	REAR				FWD				OTHER
	PL	ROCK	ROLL	NM	PL	ROCK	ROLL	NM	
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	☐	☐	☐	☐	☐	☐	☐	☐	

MAIN SUPPORTING MEMBERS

UNITS	TYPE			MATERIAL	NO/SPAN	SPACING	LAT. SUPPORT			OTHER
SPAN	T	S	C				T	S	C	
	☐	☐	☐				☐	☐	☐	
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	☐	☐	☐				☐	☐	☐	
	☐	☐	☐				☐	☐	☐	

SUPERSTRUCTURE

SIMPLE ☐ CONTINUOUS ☐ CANTILEVER ☐
RIGID FRAME ☐ ARCH ☐ TUNNEL ☐ PED PASS ☐

STEEL — COMPOSITE ☐ W.F. ☐ PLATE GIRD. ☐ TRUSS ☐ MOVABLE ☐ FL. BEAM SYST. ☐ BOLT ☐ WELD ☐ RIVET ☐

CONCRETE — SLAB ☐ PRECAST GIRD. ☐ T-BEAM ☐ BOX GIRD. ☐ CELLULAR ☐

PRESTRESSED CONCRETE — POST TEN. ☐ PRE-TEN. ☐ GIRDER ☐ SLAB ☐

TIMBER — BEAMS ☐ TRUSS ☐

DECK MAT'L — CONC. ☐ STEEL ☐ TIMBER ☐ GRID ☐

A. Sanchez Bus. 9.3.69
INVENTORY BY ____ TITLE ____ DATE ____

REVIEWED BY G.O. ____ TITLE ____ DATE ____

TO COMPUTER DIV ☐ DATE ____

33

* SEE BACK SIDE OF CROSS REF

STRUCTURE INVENTORY & APPRAISAL SHEET

Revised 4-71

IDENTIFICATION

1 State 333
2 Hwy District
3 County 033 4 City/Town
5 Inventory Route 407 Principal ☑ Other ☐
6 Features Intersected I-285 & SR 36
7 Facility Carried by Structure 407 EBL (I-285)
8 Structure No. 033-407-01957 1 of 1
9 Location
10 Vert. Cl. Hwy.
11 Milepoint 01957
12 Road Section No.
13 Defense Bridge Letter
14 Defense Milepoint
15 Defense Section Length
16 Latitude 33° 53.0
17 Longitude 84° 28.2
18 Physical Vulnerability 3
19 By-pass, Detour Length 5 mi
20 Toll Bridge ☐ On Toll Road ☐ On Free Road ☑
21 Custodian State
22 Owner State
23 F.A.P. No.

CLASSIFICATION

24 Fed. Aid System
25 Administrative
26 Functional

89	By	Date
Transfer of Data		
Maintenance Insp.	S. Monfort	11-1-72
Condition Analysis		
Appraisal		
Cost Estimate		
General Review		

STRUCTURE DATA

27 Year Built 1963
28 Lanes on Str. 2 under 2
29 ADT on Str. 30 Year
31 Design Load H5-20
32 Appr. Rdwy. Width w/Sh'ld 55
33 Br. Median ☑ None ☐ Open ☐ Closed
34 Skew
35 Structure Flared ☐ Yes ☑ No
36
37
38 Navigation Control ☐ Yes ☐ No
39 - Vertical ft
40 - Horizontal ft
41

42 Type Service
43 Structure Type - Main 3 0 2
44 - Approach
45 No. of Spans - Main 4
46 - Approach
47
48 Max. Span Length 81.7 ft
49 Structure Length 241.5 ft
50 Sidewalk Rt 2.2 ft, Lt 2.2 ft
51 Br. Roadway Width (curb-curb) 28 ft
52 Deck Width (out-out) 34.16 ft
53 Vert. Clearance over Deck 9999' "
54 Underclearance - Vertical 18' 3"
55 - Lateral - Right 12.8 ft
56 - Left 13.4 ft
57 Wearing Surface conc.

CONDITION

	Material	Condition Analysis	Rating (9-0)
58 Deck	CONCRETE	good	8
59 Superstructure	STEEL	good	8
60 Substructure	CONCRETE	good	8
61 Channel & Channel Protection			
62 Culvert & Retaining Walls			
63 Estimated Remaining Life		65 Approach Roadway Alignment: good	8
64 Operating Rating		66 Inventory Rating: good	7

APPRAISAL

	Deficiencies	Rating (9-0)
67 Structural Condition	LEAKING JOINTS	6
68 Deck Geometry	OK	7
69 Underclearances - Vertical & Lateral	N/C	9
70 Safe Load Capacity		
71 Waterway Adequacy		
72 Approach Roadway Alignment	OK	7

PROPOSED IMPROVEMENTS

73 Year Needed Completed Describe (item 75)
74 Type of Service
75 Type of Work
76 Improvement Length ft
77 Design Loading
78 Roadway Width ft
79 Number of Lanes 82 Prop. Rdwy Improvement - Year
80 ADT 81 Year 83 - Type

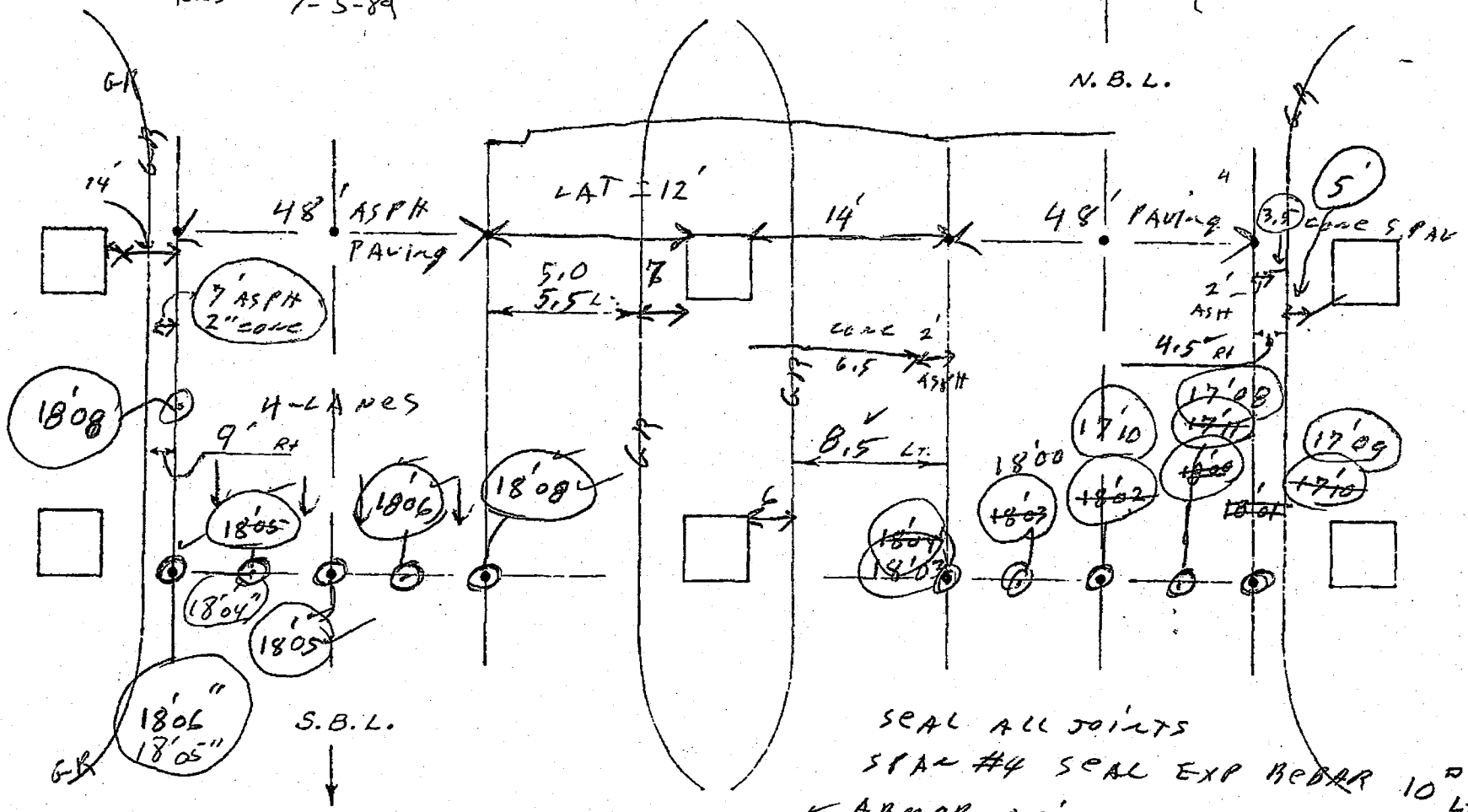
COST OF IMPROVEMENTS

96 $ ___,___,000.

Remarks

ID. NO. 067-00407-01951 C

WAH 4-22-85
WAH 4-06-87
RWS 7-5-89



SEAL ALL JOINTS
SPAN #4 SEAL EXP REBAR 10' LT
ARMOR JOINT LOOSE BT #3 BT + LT
PAINT BEAMS (C)

15.4 2.9 .1
15.4 2.7 17.1
15.4 2.6 17.0
15.4 2.9 18.3
2.7
15.4 3 18.4
246 246 492
15

[illegible] BRIDGE INSPECTION [illegible]
[illegible] LOAD RATINGS # 2 INSPECTION AREA # 9
[illegible] MARIETTA GEORGIA

[illegible] 067-00407--01951C Cobb County
[illegible] # 067 - 0099 - 0

: STRUCTURE IS LOCATED OVER STATE ROUTE # 3 @ 170N .

[illegible] Bridge by : Bobby D. Hogan BDH DATE : 05-91

CONCRETE DECK] .. .. Inventory Condition Code : 7

** HS-LOAD **		<------- AASHTO ------->	** H-LOAD **	
INVENTORY	OPERATING		INVENTORY	OPERATING
36 TON.	51 TON.		20 TON.	28 TON.

STEEL SUPERSTRUCTURE] ..... Inventory Condition Code : 7

SUP. SPAN LENGTH : 38 FEET.

** HS-LOAD **		<------ AASHTO ------>	** H-LOAD **	
INVENTORY	OPERATING		INVENTORY	OPERATING
38 TON.	57 TON.		27 TON.	40 TON.

CONCRETE SUBSTRUCTURE] ..... Inventory Condition Code : 7

SUB. SPAN LENGTH : 40 FEET.

** HS-LOAD **		<------ AASHTO ------>	** H-LOAD **	
INVENTORY	OPERATING		INVENTORY	OPERATING
36 TON.	57 TON.		23 TON.	36 TON.

*** OUTPUT DATA ***

>>> STANDARD [AASHTO] LOAD RATINGS <<<

[HS] INVENTORY ... : 36 TON. [H] INVENTORY ... : 20 TON.
[HS] OPERATING ... : 51 TON. [H] OPERATING ... : 28 TON.

INVENTORY CAPACITY IS EQUIVALENT TO [AASHTO] HS- 20 DESIGN. [8]

[COMBINATION TYPE POSTING LOADS]

>>> MODIFIED POSTING @ 65 % <<<		>> OPERATING <<		>> OVERSTRESS <<
H-LOAD	: 20 . [0]	[ ]	34	<------ 0 %
HS-LOAD	: 25 . [0]	[ ]	56	<------ 0 %
TANDEM	: 28 . [0]	[ ]	47	<------ 0 %
TYPE 3S2	: 40 . [0]	[ ]	78	<------ 0 %
LOGGING TRUCK ..	: 36 . [0]	[ ]	73	<------ 0 %
PIGGY-BACK	: 40 . [0]	[ ]	106	<------ 0 %

* STRUCTURE DOES NOT REQUIRE POSTING.

The states legal load limit generates a MAX. OVERSTRESS of [0 %]

THE AVERAGE DAILY TRAFFIC AT THIS SITE = 65800 V.P.D.
STRUCTURAL EVALUATION CODE - ITEM # 67 = 7
BRIDGE POSTING CODE - ITEM # 70 = 5

****
** CONCRETE DECK **
****

[illegible] 067-00407-01951C Cobb County

* STRUCTURE IS LOCATED OVER STATE ROUTE # 3 @ 170N.

INVENTORY RATING IS BASED ON A KNOWN DESIGN.

[illegible] OF BRIDGE BY : Bobby D. Hogan BDH DATE : 05-91

*** INPUT DATA ***

DESIGN LOAD	:	* STANDARD HS-20 *
DECK THICKNESS	:	7.5 INCHES.
ASPHALT DEPTH	:	0 INCHES.
DECK CLEAR SPAN	:	5.5 FEET.
BEAM FL. WIDTH	:	11.945 INCHES.

*** OUTPUT DATA ***

>>> STANDARD [AASHTO] LOAD RATINGS <<<

[H] INVENTORY ... :	20 TON.	[HS] INVENTORY ... :	36 TON.
[H] OPERATING ... :	28 TON.	[HS] OPERATING ... :	51 TON.

THE DECK INVENTORY CAPACITY IS EQUIVALENT TO [AASHTO] HS- 20 DESIGN.

>>> MODIFIED POSTING @ 65 % <<<		>> OPERATING <<	>> OVERSTRESS <<
H-LOAD ..... :	29 TON.	[ ] 34	<------- 0 %
HS-LOAD ..... :	48 TON.	[ ] 56	<------- 0 %
TRI-AXLE ..... :	60 TON.	[ ] 70	<------- 0 %
TANDEM ..... :	57 TON.	[ ] 67	<------- 0 %
TYPE 3S2 ..... :	90 TON.	[ ] 105	<------- 0 %
PIGGY-BACK ..... :	91 TON.	[ ] 106	<------- 0 %
LOGGING TRUCK .. :	64 TON.	[ ] 75	<------- 0 %

** POSTING IS NOT REQUIRED.

INSPECTORS COMMENTS :
Bridge has been widened. Calculations for original portion of bridge.

* SUPERSTRUCTURE *

[illegible] 067-00407-01951C Cobb County

* STRUCTURE IS LOCATED OVER STATE ROUTE # 3 @ 170N.

[illegible] Bridge BY : Bobby D. Hogan BDH DATE : 05-91

[illegible] (DESIGN TYPE STEEL BEAM SUPERSTRUCTURE)

[illegible] LOAD RATING CAPACITY IS BASED ON A KNOWN DESIGN.

ORIGINAL DESIGN LOAD : * STANDARD HS-20 *

*** INPUT DATA ***

SPAN LENGTH .... : 38 FEET.
NUMBER OF LANES .... : 2
BEAM SPACINGS .... : 6.5 FEET.
INPLACE ASPHALT DEPTH . : 0 INCHES.
BEAM WEIGHT / FOOT .... : 135 LBS.
DECK THICKNESS .... : 7.5 INCHES.

*** OUTPUT DATA ***

>>> STANDARD [AASHTO] LOAD RATINGS <<<

[H] INVENTORY ... : 27 TON. [HS] INVENTORY ... : 38 TON.
[H] OPERATING ... : 40 TON. [HS] OPERATING ... : 57 TON.

SUPERSTRUCTURE INVENTORY CAPACITY IS EQUIVALENT TO [AASHTO] HS- 21 DESIGN.

>>> MODIFIED POSTING @ 65 % <<<			>> OPERATING <<	>> OVERSTRESS <<
H-LOAD	37 TON.	[ ]	45	<------- 0 %
HS-LOAD	51 TON.	[ ]	62	<------- 0 %
TRI-AXLE	42 TON.	[ ]	51	<------- 0 %
TANDEM	43 TON.	[ ]	52	<------- 0 %
TYPE 3S2	65 TON.	[ ]	78	<------- 0 %
PIGGY-BACK	90 TON.	[ ]	108	<------- 0 %
LOGGING TRUCK ..	62 TON.	[ ]	75	<------- 0 %

** POSTING IS NOT REQUIRED.

INSPECTORS COMMENTS :
Bridge has been widened. Calculations for original portion of bridge.

****
* SUBSTRUCTURE * ANALYSIS FOR ABUTMENT # 1
****

[illegible] # : 067-00407-01951C Cobb County

STRUCTURE IS LOCATED OVER STATE ROUTE # 3 @ 1/CN.

[illegible] by : Bobby D. Hogan BDH DATE : 05-91

*** INPUT DATA ***

ORIGINAL INVENTORY RATING BASED ON A KNOWN DESIGN. * STANDARD HS-20 *

CALCULATIONS FOR CONCRETE ABUTMENT.
NUMBER OF SPANS ON BENT .... : 1
SPAN LENGTH ..... : 40 FEET.
STEEL BEAMS : 135 LBS. / FT. 5 BEAMS.
CONCRETE DECK : 30 FT. WIDE X 7.5 IN. THICK.

*** OUTPUT DATA ***

>>> STANDARD [AASHTO] LOAD RATINGS <<<

[H] INVENTORY ... : 23 TON. [HS] INVENTORY ... : 36 TON.
[H] OPERATING ... : 36 TON. [HS] OPERATING ... : 57 TON.

SUBSTRUCTURE INVENTORY CAPACITY IS EQUIVALENT TO [AASHTO] HS- 20 DESIGN.

>>> MODIFIED POSTING @ 65 % <<<		>> OPERATING <<	>> OVERSTRESS <<
H-LOAD	: 31 TON.	[ ] 39	<------- 0 %
HS-LOAD	: 50 TON.	[ ] 61	<------- 0 %
TRI-AXLE	: 40 TON.	[ ] 49	<------- 0 %
TANDEM	: 38 TON.	[ ] 47	<------- 0 %
TYPE 3S2	: 85 TON.	[ ] 105	<------- 0 %
PIGGY-BACK	: 128 TON.	[ ] 157	<------- 0 %
LOGGING TRUCK ..	: 60 TON.	[ ] 73	<------- 0 %

POSTING IS NOT REQUIRED.

* Inspectors Comments :
Bridge has been widened. - Calc. for ORIGINAL PORTION of bridge.

GEORGIA DEPARTMENT OF TRANSPORTATION

STATE MAINTAINED SYSTEM
BRIDGE CONDITION REPORT

DISTRICT : 7 Insp Area : 9

Bridge Inspector : D.HOGAN BOH D.MEALER Date : 04-95
Location ID # : 067-00407-01951C Over : S R 3
Structure ID # : 067-0099-0 County : Cobb County

EVALUATION & DEFICIENCIES

Substructure : (Pile) Paint Code 0

ALL CONCRETE UNITS - CAPS AND COLUMNS - CRACKS IN BOTH ABUTMENT CAPS.
OPEN CRACK AT CONSTRUCTION JOINT IN ABUTMENT #1 CAP - SPALLS IN CAP AT BENT #4
FORWARD EXPOSING REBAR.

Superstructure : Paint Code 3

4 SPAN STEEL BEAM - PAINTED IN 1963 - CORROSION ON BEAM ENDS AND BEARINGS
PAINT FAILURE - PEELING OVER ALL - BEARING PLATE (RISER) ORIGINAL SECTION
BENT #4 LEFT SIDE ARE TWISTED OUT OF ALIGNMENT - APPEARS THEY WERE CONSTRUCTED
HIGH [illegible].

Deck :

7/12/[illegible] "CONDITION OF BRIDGE [illegible] - INSPECTION [illegible] DECK [illegible] CONDITION [illegible] HAVE [illegible] PROCEDURE [illegible]
[illegible] ACCIDENTAL [illegible] APPEARANCE [illegible] ONLY [illegible] EXCLUDED [illegible] ALL [illegible] WAS [illegible] - [illegible] ACCIDENTAL [illegible] DAMAGE [illegible]

[illegible] EXPOSED [illegible] BEARING [illegible] - [illegible] PROCEDURE [illegible] - [illegible] PROCEDURE [illegible] [illegible]

NOTE [illegible] DECK [illegible] - [illegible] PROCEDURE [illegible] MODIFICATION [illegible] APPLICATION [illegible] [illegible] PROCEDURE [illegible]

Component	Material	Condition Rating		Load Capacity
Substructure	C	[illegible] F	7	[illegible]
Superstructure	S	[illegible] F	7	[illegible]
Deck	C	F	6	[illegible]

Temporary Shoring	
Yes	
No	[illegible]

Type	Increase	Sufficiency	Status	Rating	[illegible]	Load Rating	[illegible]
Posting	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Posting	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Posting Requirements	
Posting Required	
Posting Posted	
[illegible]	*

General Comments:

[illegible]

GEORGIA DEPARTMENT OF TRANSPORTATION

STATE MAINTAINED SYSTEM
BRIDGE CONDITION REPORT

DISTRICT : 7 Insp Area : 9

Bridge Inspector : D.HOGAN BDH D.MEALER Date : 06-93
Location ID # : 067-00407-01951C Over : S R 3
Structure ID # : 067-0099-0 County : Cobb County

EVALUATION & DEFICIENCIES

Substructure : (Pile) Paint Code 0

ALL CONCRETE UNITS - CAPS AND COLUMNS - CRACKS IN BOTH ABUTMENT CAPS.
SPALLS AT BENT #4 FORWARD EXPOSING REBAR.

Superstructure : Paint Code 3

4 SPAN STEEL BEAM - PANITED IN 1963 - CORROSION ON BEAM ENDS AND BEARINGS.
PAINT FAILURE - PEELING OVERALL.
BEARING PLATE (RISER) ORIGINAL SECTION BENT #4 LEFT SIDE ARE TWISTED OUT OF ALIGNMENT. - APPEARS THEY WERE CONSTRUCTED THIS WAY.

Deck :

7 1/2" CONCRETE SLAB - MASSIVE DECK CRACKING THAT REQUIRES SEALING.

CRACKING APPEARS TO BE CAUSED BY SHALLOW STEEL. SCATTERED MINOR DECK SPALL.
EXPOSING REBARS - MINOR EDGE BEAM CRACKING AND SPALLING IN ORIGINAL BRIDGES.

Component	Material	Condition Rating Description	Condition Rating Number	Load Cap.
Substructure	C	G-F	7	HS-20
Superstructure	S	G-F	7	HS-20
Deck	C	F	6	HS-20

Temporary Shored	
Yes	
No	***

Truck Type	Gross	H-Mod	HSMod	Tand.	3-S-2	Log	Piggy
Calculated Posting	-	20	25	28	40	36	40
Existing Posting	-	-	-	-	-	-	-

Posting Requirements	
Requires Closing	
Requires Posting	
Posting Not Req.	*

General Comments :

BUILT IN 1963 PROJECT # UNKNOWN.
WIDENED IN 1986 PROJECT # IR-75-3 (143) CT-10.

ORIGINAL BRIDGES HAVE TAPERED COVER PLATES WITH SQUARE ENDS - ENDS NOT WELDED.
WIDENING SECTION HAVE SQUARE END COVER PLATES - WELDED.

GEORGIA DEPARTMENT OF TRANSPORTATION

STATE MAINTAINED SYSTEM
BRIDGE CONDITION REPORT

District : 7 Insp Area : 9

Bridge Inspector : JMC - BDH Date : 5-91
Location ID # : 067-00407-01951C Over : SR 3 (US41)
Structure ID # : 067-0099-0 County : COBB

EVALUATION & DEFICIENCIES

Substructure : (Pile) Paint Code _____

ALL CONC. UNITS.

MINOR CRACKS BOTH ABUTS.
SPALLS AT BT. 4 FDW. EXPOSING REBAR

Superstructure : Paint Code 3

4 SPAN STEEL MULTI-BEAM

CORROSION ON BEAM ENDS & BEARINGS
PAINT FAILURE ON OLD SECTION

Deck :

7½" CONC.

MASSIVE DECK CRACKS THAT REQ. SEALING.
SCATTERED MINOR DECK SPALL.
SHY COVER EXPOSING SOME STEEL

Culvert : # of Barrels _____ Size _____

Component	Material	Condition Rating Description	Condition Rating Number	Load Cap.
Substructure	C			HS-20
Superstructure	S			HS-20
Deck	C			HS-20

Temporary Shored	
Yes	
No	✓

Truck Type	Gross	H-Mod	HSMod	Tand.	3-S-2	Log	Piggy
Calculated Posting		20	25	28	40	36	40
Existing Posting	NONE						

Posting Requirements	
Requires Closing	
Requires Posting	
Posting Not Req.	✓

General Comments: _____

GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DEFICIENCY REPORT - DISTRICT: 7

FROM: Dale Hogan BRIDGE INSPECTOR
TO: General Office ASST. DISTRICT ENGINEER, MAINTENANCE
DEFICIENCIES NOTED FOR STRUCTURE ON STATE ROUTE NO. 407
OVER SR-3 IN Cobb COUNTY.

BRIDGE IDENTIFICATION NUMBER															
CO. NO.			ROUTE NO.			DD	ODOMETER				OR			CH	
1	9		4		0	6	10			14	15	16	17	18	
0	6	7	0	0	4	0	7	0	1	9	5	1	C		C

Serial No. 067-0099-0

ITEM NO.	UNITS	REQ'D WORK (19–23)	P (24)	DATE REPORTED (25–28)	LOCATION	DATE COMPLETE (28–32)	CARD (33–34)	INT.
204	BAGS						01	
402	NUB. INST.						02	
406	MAN-HRS.						03	
404	LIN. FT.						04	
610	MAN-HRS.						05	
612	LIN. FT.						06	
800	LIN. FT.						07	
802	LIN. FT.						08	
804	LIN. FT.	18	B	0495	REPLACE MISSING WABOCRETE JOINT @ BENT #3 (CBL)		09	
806	SQ. FT.						10	
808	LIN. FT.						11	
810	MAN-HRS.						12	
812	MAN-HRS.						13	
814	MAN-HRS.						14	
816	NO. PILES						15	
801	LIN. FT.						16	
820	MAN-HRS.	00112	B	0495	REPOSITION BEARINGS (RISERS) UNDER ORIGINAL BEAMS @ BENT #4 & SHIM TO FULL BEARING		17	
822	GAL.PAINT						18	
824	GAL.PAINT						19	
830	MAN-HRS.					0395	20	BDH
912	MAN-HRS.						21	

COMMENTS:

UPON REPAIR OF ANY OF THE NOTED DEFICIENCIES, PLEASE COMPLETE THIS FORM AND RETURN TO THE GENERAL OFFICE, ROOM 284, FOR FURTHER PROCESSING.

P=PRIORITY CODE
A=REPAIR REQUIRING IMMEDIATE ACTION
B=REPAIR REQUIRING SCHEDULING
C=PREVENTATIVE MAINTENANCE

GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DEFICIENCY REPORT - DISTRICT: 7

FROM: JMC - BDH BRIDGE INSPECTOR
TO: LARRY SEABROOK ASST. DISTRICT ENGINEER, MAINTENANCE
DEFICIENCIES NOTED FOR STRUCTURE ON STATE ROUTE NO. 407
OVER SR 3 (US 41) IN COBB COUNTY.

BRIDGE IDENTIFICATION NUMBER																			
CO. NO.			ROUTE NO.				DG	ODOMETER					OR				CH		
1		9	4			6	8	10				14	15	16	17		18		
0	6	7	0	0	4	0	7	0	1	9	5	1	C				C		

Serial No. 067.0099-0

ITEM NO.	UNITS	REQ'D WORK (15–25)	P (24)	DATE REPORTED (25–28)	LOCATION	DATE COMPLETE (29–32)	CARD (33–34)	INT.
204	BAGS						01	
402	NUB. INST.						02	
406	MAN-HRS.						03	
404	LIN. FT.						04	
610	MAN-HRS.						05	
612	LIN. FT.						06	
800	LIN. FT.						07	
802	LIN. FT.	00100	B	0487	SEAL ARMOR JOINT AT BT. 3 LT AND RT.		08	
804	LIN. FT.						09	
806	SQ. FT.	00030	B	0591	SEAL DECK CRACKS AS NEEDED.		10	
808	LIN. FT.						11	
810	MAN-HRS.						12	
812	MAN-HRS.						13	
814	MAN-HRS.						14	
816	NO. PILES						15	
801	LIN. FT.	00200	B	0591	SPOT SEAL JOINTS (SILICONE)		16	
820	MAN-HRS.						17	
822	GAL.PAINT						18	
824	GAL.PAINT	00492	B	0487	CLEAN AND PAINT BEAMS AND BEARINGS.		19	
830	MAN-HRS.	00040	B	0591	REPAIR SLOPE PAVING FAILURE SPAN 1 AND 4	395	20	BDH
912	MAN-HRS.						21	

COMMENTS:

UPON REPAIR OF ANY OF THE NOTED DEFICIENCIES, PLEASE COMPLETE THIS FORM AND RETURN TO THE GENERAL OFFICE, ROOM 284, FOR FURTHER PROCESSING.

P=PRIORITY CODE
A=REPAIR REQUIRING IMMEDIATE ACTION
B=REPAIR REQUIRING SCHEDULING
C=PREVENTATIVE MAINTENANCE

GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DEFICIENCY REPORT - DISTRICT: 7

7-5-89

FROM: William A. Hopkins BRIDGE INSPECTOR
TO: LARRY SEABROOK ASST. DISTRICT ENGINEER, MAINTENANCE
DEFICIENCIES NOTED FOR STRUCTURE ON STATE ROUTE NO. 407 (I-285)
OVER SR. 3 (US-41) IN COBB COUNTY.

BRIDGE IDENTIFICATION NUMBER																			
CO. NO.			ROUTE NO.				DG	ODOMETER					OR	M.SEQ			CH	
1		3	4			6	9	10				14	15	16		17	18	
0	6	7	0	0	4	0	7		0	1	9	5	1	C			C	

Serial No. 067-0099-0

ITEM NO.	UNITS	REQ'D WORK (19–23)	P (24)	DATE REPORTED (25–28)	LOCATION	DATE COMPLETE (29–32)	CARD (33–34)	INT.
204	BAGS						01	
402	NUB. INST.						02	
406	MAN-HRS.						03	
404	LIN. FT.						04	
610	MAN-HRS.	00056	C	0789	GUARD RAIL DAMAGE ON SR. 3 2-BLOCKS MISSING ~~4-POST (METAL) BENT OR BROKEN~~ 50' OF RAIL DAMAGE		05	
612	LIN. FT.						06	
800	LIN. FT.	00725	B	0883	SEAL DECK JOINTS ~~(FAILED) SILICONE~~ + (AROUND WINGS)		07	
802	LIN. FT.	00100	C	0487	SEAL ARMORED JOINT AT BT. # 3 LT + RT.		08	
804	LIN. FT.						09	
806	SQ. FT.	00200	C	0789	SEAL DECK CRACKS MINOR SPALLS @ JOINTS 25#' EXPOSED REBAR WBL. SPAN #2+4		10	
808	LIN. FT.						11	
810	MAN-HRS.						12	
812	MAN-HRS.						13	
814	MAN-HRS.						14	
816	NO. PILES						15	
801	LIN. FT.						16	
820	MAN-HRS.						17	
822	GAL.PAINT						18	
824	GAL.PAINT	00492	B	0487	CLEAN + PAINT BEAMS + BEARINGS.		19	
830	MAN-HRS.	00056	C	0789	SLOPE PAVING SETTLEMENT @ SPAN #1 + 4 RT. 10'x25'± 10'x25'±		20	
912	MAN-HRS.						21	

COMMENTS: C-S-C BUILT IN 1963 + RECONST IN 1976
ABUTMENT #1 CAP HAS 1/4" CRACK @ CONST JOINT
APPROACH SLAB SETTLED SLIGHTLY @ ABUT # 5 RT.
APPROACH ASPHALT SLIGHTLY ROUGH.

UPON REPAIR OF ANY OF THE NOTED DEFICIENCIES, PLEASE COMPLETE THIS FORM AND RETURN TO THE GENERAL OFFICE, ROOM 284, FOR FURTHER PROCESSING.

P=PRIORITY CODE
A=REPAIR REQUIRING IMMEDIATE ACTION
B=REPAIR REQUIRING SCHEDULING
C=PREVENTATIVE MAINTENANCE

GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DEFICIENCY REPORT - DISTRICT: 7 4-06-87 WAH

FROM: WILLIAM A. HOPKINS BRIDGE INSPECTOR
TO: BERRY McWHORTER ASST. DISTRICT ENGINEER, MAINTENANCE
DEFICIENCIES NOTED FOR STRUCTURE ON STATE ROUTE NO. 407 (I-285)
OVER S.R. 3 (US-41) IN COBB COUNTY.

BRIDGE IDENTIFICATION NUMBER																	
CO. NO.			ROUTE NO.				DG	ODOMETER					OR			CH
1		3	4			8	9	10				14	15	16	17	18
0	6	7	0	0	4	0	7		0	1	9	5	1	C			C

SERIAL # 067-0099-0

ITEM NO.	UNITS	REQ'D WORK	P	DATE REPORTED	LOCATION	DATE COMPLETE	CARD	INT.
204	SQ.YD/SLAB						01	
402	LIN.FT.						02	
406	MAN-HRS.						03	
510	MAN-HRS.						04	
610	MAN-HRS.						05	
612	LIN FT.						06	
800	LIN FT.				(SAME) ~~SEAL ALL DECK JOINTS~~		07	
802	LIN FT.	00100	B	0485 ~~0487~~	SEAL ARMORED JOINTS		08	
804	LIN FT.						09	
806	SQ FT.	00200	B	0487	MINOR DECK SPALLS + SEAL DECK CRACKS 25 SEAL EXPOSED REBAR SPAN # 2+4 WBL		10	
808	LIN FT.						11	
810	EACH						12	
812	MAN-HRS.						13	
814	MAN-HRS.						14	
816	NO. PILES						15	
818	MAN-HRS.						16	
820	MAN-HRS.						17	
822	GAL. PAINT						18	
824	GAL. PAINT	00492	B	0487	CLEAN + PAINT STRUCTURAL STEEL		19	
830	MAN-HRS.						20	
912	MAN-HRS.						21	

COMMENTS: C-S-C BUILT 1963 + RECONSTR 1976
CONSTRUCTION GOING ON ON LT. SIDE + APPROACHES
* GUARD RAIL DAMAGE UNDERNEATH + ON TOP. MAY BE UNDER CONTRACT.
* ~~ABUT #5 APPROACH SLAB SETTLED SLIGHTLY~~
* BT. # 2+4 MINOR VOID UNDER SLOPE PAVING.

UPON REPAIR OF ANY OF THE NOTED DEFICIENCIES, PLEASE COMPLETE THIS FORM AND RETURN TO THE GENERAL OFFICE, ROOM 284, FOR FURTHER PROCESSING.

P=PRIORITY CODE
A=REPAIR REQUIRING IMMEDIATE ACTION
B=REPAIR REQUIRING SCHEDULING
C=PREVENTATIVE MAINTENANCE

GEORGIA DEPARTMENT OF TRANSPORTATION
BRIDGE DEFICIENCY REPORT - DISTRICT: 7

FROM: W.A. HOPKINS BRIDGE INSPECTOR 04-85
TO: BERRY McWHORTER ASST. DISTRICT ENGINEER, MAINTENANCE
DEFICIENCIES NOTED FOR STRUCTURE ON STATE ROUTE NO. 407 (I-285)
OVER SR 3 (US-41) IN COBB COUNTY.

BRIDGE IDENTIFICATION NUMBER															
CO. NO.			ROUTE NO.				DA		ODOMETER				DB	D.CODE	CN
1		3	4			8	9	10				14	15	16 17	18
0	6	7	0	0	4	0	7		0	1	9	5	1	C	C

ITEM NO.	UNITS	REQ'D WORK (19–23)	P (24)	DATE REPORTED (25–29)	LOCATION	DATE COMPLETE (30–33)	CARD (33–34)	INT.
204	SQ.YD/SLAB						01	
402	LIN.FT.						02	
406	MAN-HRS.						03	
510	MAN-HRS.						04	
610	MAN-HRS.						05	
612	LIN FT.						06	
800	LIN FT.	00725	B	0883	~~SEAL ALL DECK JOINTS~~		07	
802	LIN FT.	00100	B	0485	TIGHTEN LOOSE ARMORED JOINT		08	
804	LIN FT.						09	
806	SQ FT.	00010	C	0485	SEAL EXPOSED REBAR SPAN #4 LT.		10	
808	LIN FT.						11	
810	EACH						12	
812	MAN-HRS.						13	
814	MAN-HRS.						14	
816	NO. PILES						15	
818	MAN-HRS.						16	
820	MAN-HRS.						17	
822	GAL. PAINT						18	
824	GAL. PAINT	00492	C	0485	CLEAN & PAINT STRUCTURAL STEEL		19	
830	MAN-HRS.						20	
912	MAN-HRS.						21	

COMMENTS: CONSTRUCTION going on (LT SIDE IN PROCESS OF Being widened)

UPON REPAIR OF ANY OF THE NOTED DEFICIENCIES, PLEASE COMPLETE THIS FORM AND RETURN TO THE GENERAL OFFICE, ROOM 284, FOR FURTHER PROCESSING.

P=PRIORITY CODE
A=REPAIR REQUIRING IMMEDIATE ACTION
B=REPAIR REQUIRING SCHEDULING
C=PREVENTATIVE MAINTENANCE

GEORGIA DEPARTMENT OF TRANSPORTATION

BRIDGE DEFICIENCY REPORT - DISTRICT 7

FROM: JIMMY LORREN, Bridge Inspector DATE: 08-83

TO: BERRY MC WHORTER, Asst. District Engineer, Maintenance

SUBJ: Deficiencies noted for the structure on State Route No. 407 (I-285) over SR 3 (US-41) in COBB County.

Bridge ID: 067-00407-01951C

PRIORITY CODE	ITEM NO.	UNITS	REQUIRED	LOCATION	REPAIRS MADE DATE/INITIAL
	204	SQ YD/SLAB			
	402	LIN FT			
	406	MAN-HOURS			
	510	MAN-HOURS			
	610	MAN-HOURS			
	612	LIN FT			
B	800	LIN FT	725	SEAL DECK JOINTS.	
	802	LIN FT			
	804	LIN FT			
	806	SQ FT			
	808	LIN FT			
	810	EACH			
	812	MAN-HOURS			
	814	MAN-HOURS			
	816	NO OF PILES			
	818	MAN-HOURS			
	820	MAN-HOURS			
	822	GAL PAINT			
	824	GAL PAINT			
	830	MAN-HOURS			
	912	MAN-HOURS			

COMMENTS: TIGHTEN LOOSE ARMORED JOINT.

Substructure : GOOD
Superstructure : GOOD
Deck : GOOD

PRIORITY CODES:
A = Repair Requiring Immediate Action
B = Repair Requiring Scheduling
c = Preventative Maintenance

Upon repair of any of the noted deficiencies, please complete this form, and return to me for further processing.

James A. Lorren
Bridge Inspection Section

GEORGIA DEPARTMENT OF TRANSPORTATION

BRIDGE DEFICIENCY REPORT - DISTRICT 7

FROM: Dave [illegible], Bridge Inspector DATE: [illegible]

TO: Berry [illegible], Asst. District Engineer, Maintenance

SUBJ: Deficiencies noted for the structure on State Route No. 407 - I-285 over SR-3 in [illegible] County.

Bridge ID: 067-00407-01251C

PRIORITY CODE	ITEM NO.	UNITS	REQUIRED	LOCATION	REPAIRS MADE DATE/INITIAL
	422	SQ YD/SLAB			
	442	MAN-HOURS			
	456	LIN FT			
	469	MAN-HOURS			
	470	LIN FT			
	473	LIN FT			
	500	MAN-HOURS			
	501	MAN-HOURS			
	502	SQ FT			
B	503	LIN FT	480	[illegible]	
	504	LIN FT			
	505	MAN-HOURS			
	506	PILES			
	507	LIN FT			
	511	EACH			
	512	MAN-HOURS			
	513	MAN-HOURS			
	523	LIN FT/BR			
	524	GAL PAINT			
	529	MAN-HOURS			
	548	MAN-HOURS			

COMMENTS:

* Tighten [illegible]

Substructure : Good
Superstructure : "
Deck : "

PRIORITY CODES:
A = Repair Requiring Immediate Action
B = Repair Requiring Scheduling
c = Preventative Maintenance

Upon repair of any of the noted deficiencies, please complete this form, and return to me for further processing.

Dave [illegible]
Bridge Inspection Section

Dist. No. 7

D.O.T. 441-Front
Rev. 10-81

BRIDGE PROJECT DATA SHEET

( )Wid ( )Repl ( )New Loc

Project No. & County: IR-75-3(143) CT 10 COBB

Location: I-75/I-285 Interchange in N. Metro Atlanta

LET UNDER 77 SPECS

Proj. Manager: John Harte - Consultant
HWC

	SITE DESIGNATION	DESIGN LOAD	DESCRIPTION	90o	Cur	SKCur	SKTan	Metal	LGTH
r No 7	Widen I-285 CD WBL/	HS20	Widen W/ 5 @ 50'/Varies B/CBTs, HP				X		250'
	Rottenwood CK		Widen 6.125 Rt., 12.125 Lt, Remaining						
	067-00407-020.43C		Existing Varies.						
r No 8	Widen I-285 CDWBL/	HS20	Widen W/38', 42', 28'/43.5B/CBTs			X			108'
	Ramp B		Widen 10.2' Lt. and Rt., Retain 24.9'Exist						
r No 9	Widen I-285 CDWBL/ I-75	HS20	Widen W/57.75, 70, 82, 36/67.5B/CBts	X					245.7
	067-00407-020.18C		Widen 8.4 Rt & 14.3'Lt. Retain 46.5' Exist						
r No10	Widen Ramp V/I-285	HS20	Wid W/43, 59.5, 32.5/31.5B/CBts	X	X				135'
	CDEBL		Widen 6.4'Lt, 8.4'Rt, Ratain 18.5'Exist						
r No11	Widen I-285 WBL/US 41	HS20	Wid W/41, 2 @ 82, 38/ 75.9'B/CBts			X			243'
WBL ONLY	067-00407-019.51C		Widen 13.8' Out, Retain 63.5' Exist						

CONTRACTOR:	ENGINEER: ,GA.

BID PRICE TOTAL PROJECT: $
DATE OF LETTING:
DATE PROJECT BEGAN:

BID PRICE BRIDGE: $
DATE CONSTRUCTION AUTH:
TIME LIMIT:

DATA ON BRIDGE INSPECTION:

FOR FIELD DIV. NOTATION AND FOLLOW-UP:

- ☐ Bridge Geometry Computer-Processed?
- ☐ All TP, Load Test Data Submitted?
- ☐ "As-Built" Found. Data DOT 499 Submitted?
- ☐ Opening to Traffic Reported to SBE?
- ☐ All Noted Inspection Items Completed?
- ☐ "As-Built" Vert. Clear. Submitted?
- ☐ Bench Mark Elev. & Location Submitted?
- ☐ Yr. Built Reported to SBE for Inventory?

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ORIGINAL TO FIELD

Maint. Acceptance

SPECIAL PROVISIONS

SP 500- Conc Str (Rubbed Finish)
SP 500 - Conc Str (Falsework)
SP 504 - 24 HR Accel Str Conc
SS 442 & 833 - Joint Fillers & Sealers
SS 507 - PSC Br Members
SP 680 - Highway Lighting
SP - Waterproofing Membrane
SP 507 - Prestressing Cast-In-Place Seg. Const
SP 524 - Drilled Caissons
SP 500 - Conc Str (Pot Bearings)

Dist. No. 7

D.O.T. 441-Front
Rev. 10-81

BRIDGE PROJECT DATA SHEET

(X)Wid ( )Repl (X)New Loc

Project No. & County: IR-75-3(143) CT. 10 COBB

Location: I-75/I-285 North Interchange

LET UNDER 77 SPECS

	SITE DESIGNATION	DESIGN LOAD	Proj. Manager: John J. Harte -Consultant DESCRIPTION HWC	90o	Cur	SKCur	SKTan	Metal	LGTH
r No 1	Ramp H/I-75,I-285 Inter	HS20	PSCS B/160'-160'-140'-141.4'-150.4'-152'- 153.2'-156'-156'-161'-125'/43.5'B/CBTs, HP	X	X				1655'
r no 2	Ramp G/I-285 CD WBL	HS20	PTCB/154.5/39.5'B/RFAbuts, HP		X	X			154.5
r No 3	Ramp D/RampH	HS20	PTCB/258.5'/31.5'B/C Abuts, HP	X	X				258.5
r No 4	Ramp J/Ramp P	HS20	PSC/35/30'B under Tunnel/HP& Spread FTG 610' Long Tunnel with PSC Beams Supporting Roof, Conc Frame for Slab & Sides.	X	X				610'
r No 5 EBL WBL	Widen I-285 CD EBL/ Rottenwoood CK 067-00407-02035C	HS20	Widen W/ 3 @ 60/44.5B/CBTs, HP Widen 8.125' Lt., 7.125' Rt., 31' Exist. to Remain	X					180'
r No 6	Widen I-285 EBL/ Rottenwood CK 067-00407-02041C	HS20	Widen CW, PG/93-117-93/90.2B/D-I-P Caisson Piers, HP Widen 43.3' Out, Retain 48.3' Exist			X			303'

CONTRACTOR: Blythe Industries, Inc. & Crowder Construction Company 2911 N. Graham Street Charlotte, N. C. 28206	ENGINEER: Marietta ,GA. D. L. Davis, T. E. IV

BID PRICE TOTAL PROJECT: $ 17,986,651.25
BID PRICE BRIDGE: $ 7,161,621.90
DATE OF LETTING: November 12, 1982
DATE CONSTRUCTION AUTH: January 3, 1983
DATE PROJECT BEGAN:
TIME LIMIT: July 1, 1985 Comp Date
DATA ON BRIDGE INSPECTION:

FOR FIELD DIV. NOTATION AND FOLLOW-UP:

- ☐ Bridge Geometry Computer-Processed?
- ☐ All TP, Load Test Data Submitted?
- ☐ "As-Built" Found. Data DOT 499 Submitted?
- ☐ Opening to Traffic Reported to SBE?
- ☐ All Noted Inspection Items Completed?
- ☐ "As-Built" Vert. Clear. Submitted?
- ☐ Bench Mark Elev. & Location Submitted?
- ☐ Yr. Built Reported to SBE for Inventory?

DISTRIBUTION: 8

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- ☐ RPT
- ☐ JP
- ☐ FHWA (Bridge Engr)

ORIGINAL TO FIELD

Maint. Acceptance
Final Acceptance

MAINTENANCE MANAGEMENT SYSTEM
BRIDGE COST REPORT
JULY 1, 1987 - JUNE 30, 1988

BRIDGE	CTY	ROUTE	BMP	EMP
06700990	067	040700	3.1	3.5

ACT	ACTIVITY NAME	AMOUNT	UNIT	DATE			DAILY COST
830	OTHER BRIDGE MAINTENANCE	46.0	MAN HOURS	9	4	87	$605.00

TOTAL REPAIR COSTS FOR MAINTENANCE OF BRIDGE # 06700990 DURING FY 1987 - 1988 $605.00

067-00407-019.51C