

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. M003242, Houston-Peach Counties **OFFICE** Preconstruction  
CSNHS-M003-00(242)  
I-75 Milling and Resurfacing **DATE** September 1, 2006

**FROM** *Genetha Rice Singleton*  
Genetha Rice Singleton, Assistant Director of Preconstruction

**TO** *for* SEE DISTRIBUTION

**SUBJECT** APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Ken Thompson  
Jamie Simpson  
Michael Henry  
Keith Golden  
Joe Palladi (file copy)  
Paul Liles  
Babs Abubakari  
Thomas Howell  
BOARD MEMBER  
FHWA

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE:** P. I. No. M003242, Houston-Peach Counties **OFFICE** Preconstruction  
 CSNHS-M003-00(242)  
 I-75 Milling and Resurfacing **DATE** March 29, 2006

**FROM** *John Kunkle*  
 Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** David E. Studstill, Jr., P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

EX 127 EX 142

This project is the milling and resurfacing and shoulder replacement on I-75 from SR 26 to SR 96 for a total of 15.30 miles. The existing I-75 within the project length consists of three, 12' lanes in each direction divided by a 40' depressed grassed median with 12' inside and 10' outside paved shoulders. The existing right-of-way is generally 150' from the centerline on each side of the roadway. This project has a total of thirteen(13) existing major structures with sufficiency ratings ranging from 57 to 98. State Route 401/I-75, a rural interstate principal arterial, is a primary north-south corridor in middle Georgia. The primary purpose of this project is the rehabilitation of the existing roadway to preserve the integrity, serviceability, and safety of the interstate system. The majority of the pavement within the project is in poor to fair condition. This condition will continue to deteriorate as traffic increases. Average Daily Traffic (ADT) in 2004 for this section of roadway is 50,400 VPD and traffic levels are expected to be 85,200 VPD by 2029.

The proposed project will mill and resurface one inside lane in each direction along the existing roadway's six lane section with 4.75" of asphalt concrete. The existing inside shoulders will be replaced with 6.5" of asphalt and 8" of grade aggregate base (GAB). The outside shoulders will be widened to 14' (12' paved) and the pavement replaced with full-depth asphalt concrete at 14.5" and 12" of graded aggregate base. The proposed improvements will also include milling and resurfacing of one center and one outside lane with 9.75" of asphalt concrete over the existing concrete pavement. Any existing concrete pavement in need of repair/replacement will be rehabilitated prior to overlaying with asphalt. In addition to the mainline, exit and entrance ramps will be widened and replaced with 12" of concrete, 3" of asphalt binder, and 12" of GAB. Vegetation removal will occur on both sides of the roadway 50' from the edge of pavement (32' in urban areas), and guardrail will be upgraded or replaced as needed along the 15.3 mile corridor. The project will also include provisions for ITS features, including underground conduit, fiber optic cable, CCTV, CMS, pull boxes and strain poles. During construction, no fewer than two travel lanes in each direction will be maintained at all times. Additional right-of-way will not be required for the proposed project.

SECTION  
 SITES 12'  
 PAVED

LANE 2+3  
 MILL TO  
 PCC?

VARIABLE  
 DEPTH

NEED  
 LEGIBILITY?

LANE 1 MILL 1.75 INLAY 4.75 ECC BASE

LANE 2+3 MILL 6.75 INLAY 9.75

David Studstill  
Page 2

P. I. No. M003242, Houston-Peach  
March 29, 2006

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing open house is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$159,861,000	\$159,862,000	L010	2008
Right-of-Way & Utilities	-0-	-0-		

This project will enhance safety along this portion of I-75. I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

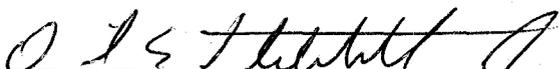
CONCUR

  
Buddy Gratton, P.E., Director of Preconstruction

APPROVE

  
F.S. Robert M. Callan, Administrator, FHWA

APPROVE

  
David E. Studstill, Jr., P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)

County: Houston / Peach

P. I. Number: M003242

Federal Route Number: I - 75

State Route Number: 401

City Street Number: N/A

SEE ATTACHED LOCATION SKETCH

Recommendation for approval:

DATE 3-15-06

C. Andy Carr

Project Manager

DATE 3-15-06

Burt B. Burt

State Office of Road and Airport Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE \_\_\_\_\_

Office of Financial Management Administrator

DATE \_\_\_\_\_

State Environmental/Location Engineer

DATE 3-16-06

Heath Gold

State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

District Engineer

DATE \_\_\_\_\_

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)

County: Houston / Peach

P. I. Number: M003242

Federal Route Number: I - 75

State Route Number: 401

City Street Number: N/A

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Recommendation for approval:

DATE 3-15-06

C. Andy Carr

Project Manager

DATE 3-15-06

Burt D. ...

State Office of Road and Airport Design Engineer

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DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE \_\_\_\_\_

Office of Financial Management Administrator

DATE \_\_\_\_\_

State Environmental/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

District Engineer

DATE \_\_\_\_\_

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)  
County: Houston / Peach  
P. I. Number: M003242

Federal Route Number: I - 75  
State Route Number: 401  
City Street Number: N/A

SEE ATTACHED LOCATION SKETCH

Recommendation for approval:

DATE 3-15-06

C. Andy Carr  
Project Manager

DATE 3-15-06

Burt B. Burt  
State Office of Road and Airport Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and the State Transportation Improvement Program (STIP).

DATE 3/26/06

Joseph P. Miller  
State Transportation Planning Administrator

DATE \_\_\_\_\_

Office of Financial Management Administrator

DATE \_\_\_\_\_

State Environmental/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

District Engineer

DATE \_\_\_\_\_

Project Review Engineer

## **NOTICE OF LOCATION AND DESIGN APPROVAL**

**Project No. CSNHS-M003-00(242), Houston / Peach Counties**

**P. I. No. M003242**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of Location Design Approval is: **SEPTEMBER 1, 2006**

This project is located in Houston and Peach Counties on Interstate 75/SR 401 from SR 26 to SR 96. It is located within the 10<sup>th</sup> and 13<sup>th</sup> land districts.

This project consists of I-75 milling and resurfacing of the mainline and ramps in both directions.

Drawings or maps or plats of the proposed project as approved are on file and are available for public inspection at the Georgia Department of Transportation:

**Clinton Ford – District 3, Area 3 Engineer**

**Email: [clinton.ford@dot.state.ga.us](mailto:clinton.ford@dot.state.ga.us)**

**200 Juliann Drive**

**Perry, Georgia 31069**

**Telephone: (478) 988-7151**

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

**Andy Casey, P.E.**

**Office of Road and Airport Design**

**Email: [andy.casey@dot.state.ga.us](mailto:andy.casey@dot.state.ga.us)**

**No. 2 Capitol Square**

**Atlanta, Georgia 30334**

**Phone: (440) 656-5406**

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

3-16-06

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)

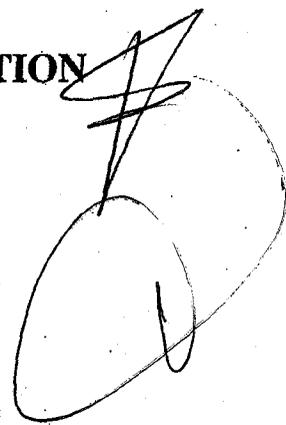
County: Houston / Peach

P. I. Number: M003242

Federal Route Number: I - 75

State Route Number: 401

City Street Number: N/A



SEE ATTACHED LOCATION SKETCH

Recommendation for approval:

DATE 3-15-06

C. Andy Carr  
Project Manager

DATE 3-15-06

Burt H. [Signature]  
State Office of Road and Airport Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE 3-28-06

J. James T. Simpson  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)

County: Houston / Peach

P. I. Number: M003242

Federal Route Number: I - 75

State Route Number: 401

City Street Number: N/A

SEE ATTACHED LOCATION SKETCH

Recommendation for approval:

DATE 3-15-06

DATE 3-15-06

C. Andy Camp  
Project Manager  
Burt H. [Signature]  
State Office of Road and Airport Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE 3-23-06

J.P. Hester  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**PROJECT CONCEPT REPORT**

Prepared by: Thompson Engineering

Project Number: CSNHS-M003-00(242)

County: Houston / Peach

P. I. Number: M003242

Federal Route Number: I - 75

State Route Number: 401

City Street Number: N/A

SEE ATTACHED LOCATION SKETCH

Recommendation for approval:

DATE 3-15-06

C. Andy Camp  
Project Manager

DATE 3-15-06

Burt B. Burt  
State Office of Road and Airport Design Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

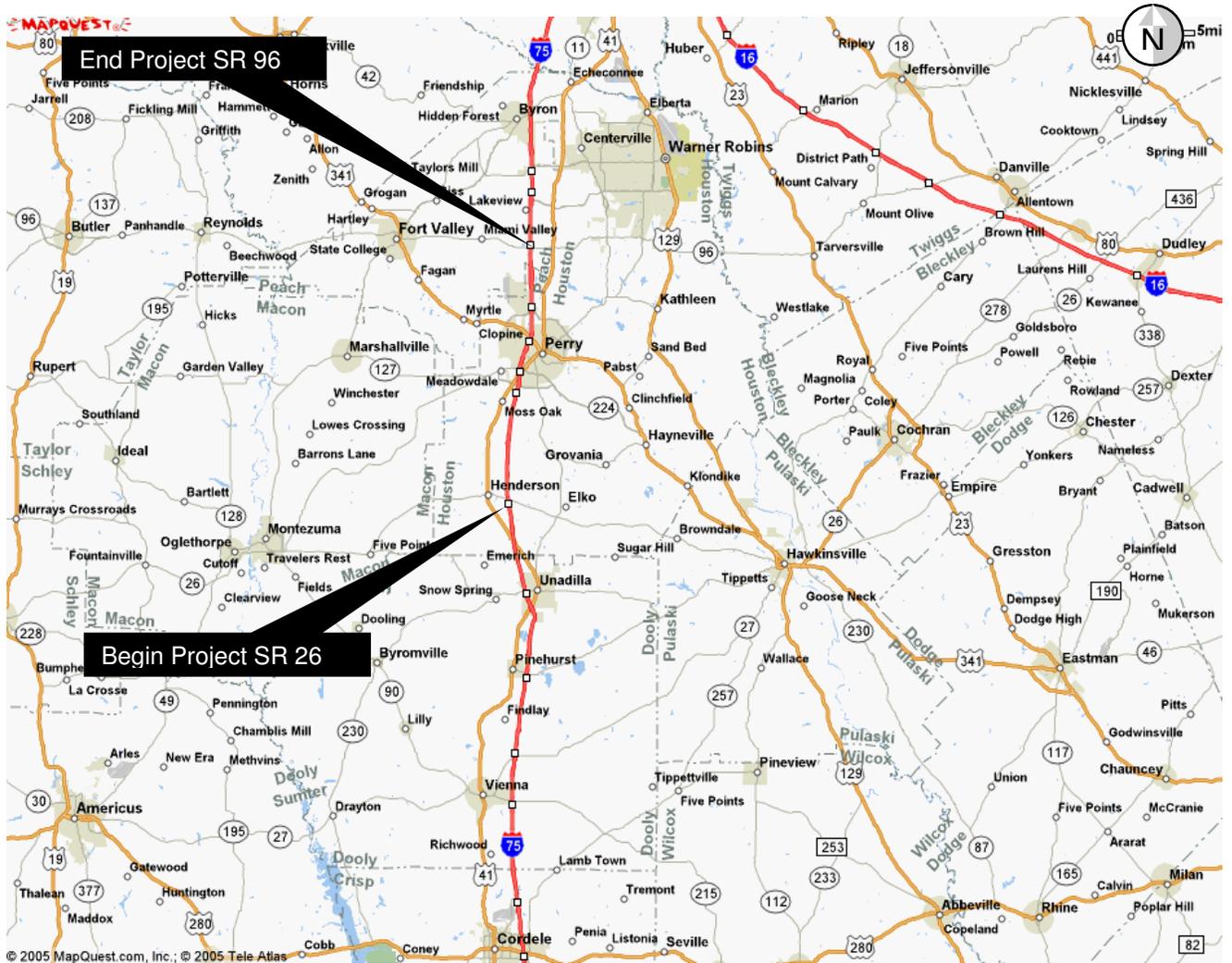
DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

### Project Location Sketch Not to Scale



**Location Map:**  
**Project:** CSNHS-M003-00(242) Houston/Peach Counties **PI NO.:** M003242  
**Description:** I-75 Interstate Maintenance from SR 26 to SR 96

**Need and Purpose:** The proposed Project CSNHS-M003-00(242), located in Houston and Peach Counties, would provide for shoulder replacement and milling and resurfacing of travel lanes on Interstate 75 (I-75) from State Route (SR) 26 to SR 96 for a distance of approximately 15.3 miles. The proposed project would mill and resurface one inside lane in each direction along the existing roadway's six-lane section with 4.75 inches of asphalt concrete. The existing inside shoulders would be replaced with 6.5 inches of asphalt and 8 inches of grade aggregate base (GAB). The outside shoulders would be widened to 14 feet (12 feet paved) and the pavement replaced with full-depth asphalt concrete at 14.5 inches and 12 inches of graded aggregate base (GAB). The proposed improvements would also include milling and resurfacing of one center and one outside lane with 9.75 inches of asphalt concrete over the existing concrete pavement. Any existing concrete pavement in need of repair/replacement will be rehabilitated prior to overlaying with asphalt. In addition to the mainline, exit and entrance ramps would be widened and replaced with 12 inches of concrete, 3 inches of asphalt binder, and 12 inches of GAB. Vegetation removal would occur on both sides of the roadway 50 feet from the edge of pavement (32 feet in urban areas), and guardrail would be upgraded or replaced as needed along the 15.3-mile corridor. The project would also include provisions for ITS features, including underground conduit, fiber optic cable, CCTV, CMS, pull boxes and strain poles. During construction, no fewer than two travel lanes in each direction would be maintained at all times. Additional right-of-way would not be required for the proposed project. The existing facility comprises three 12-foot lanes in each direction divided by a 40-foot depressed grass median with 12-foot inside and 10-foot outside paved shoulders. The existing right-of-way is generally 150 feet from the center line on each side of the roadway.

The existing roadway was constructed in the early 1960s along this section of I-75, and an additional 12-foot lane with 12-foot inside shoulders was constructed within the original 64-foot median in the mid-1990s. Today, all lanes are deteriorating and require frequent maintenance. According to the Federal Highway Administration (FHWA), pavements tend to deteriorate slowly in the first few years after construction, then at increasing rates as they age. Rehabilitated asphalt pavements usually have an approximate 10 to 15 year life cycle; however, variables such as heavy truck traffic and high traffic volumes can decrease this service life. Life cycles are influenced by other factors as well, including climate and specific pavement mixtures, for example. Along this section of I-75, the current condition of the pavement and high traffic volumes suggest that the roadway will shortly require maintenance and repairs too frequently for cost effectiveness, maintenance of traffic flow, or safety. Traffic volumes are currently high, and levels of service (LOS) are poor during peak hours. Average Daily Traffic (ADT) in 2004 for this section of the roadway is 50,400 vehicles per day (VPD), and traffic levels are predicted to be 85,200 VPD by 2029. Truck traffic comprises approximately 33 percent of all traffic along the project corridor.

The deteriorating pavement does not meet current design standards for asphalt roadways. The original concrete pavement is now over 40 years old, and was constructed with a 10-inch surface layer of plain Portland cement concrete (PCC) including an 8-inch granular GAB and 12-inch selected material Class 1A or 1B clay or soil sub-base. The lane and shoulder added in the mid-1990s were constructed with 8 inches of asphalt concrete over 10 inches of GAB and the preexisting center and outside concrete travel lanes were overlaid with 6.75 inches of asphalt concrete. Existing ramp pavement types vary at the interchanges within the project corridor and are not uniformly concrete or asphalt. Travel lanes along the ramps are generally between 16- and 28-feet wide with 6-foot inside shoulders and 10-foot outside shoulders (6-foot paved).

The Department's Office of Materials and Research indicated that the existing overlay is in fair condition, and that the two outside lanes in both directions are deteriorated at the PCC and asphalt concrete interface. Several distresses were noted in the two outside lanes in both directions along the

Project Concept Report Page 4  
Project Number: CSNHS-M003-00(242)  
P. I. Number: M003242

County: Houston / Peach Counties

entire length of the project including rutting to .25 inch and Levels 2 and 3 reflection cracking. Raveling of the surface mix was observed in all lanes throughout the project and loss of section was noted in the outside shoulder between Milepost 126 and 129 in the southbound direction. The distresses present are indicators that the pavement is failing structurally. Current pavement conditions suggest that shoulder replacement and milling and resurfacing travel lanes would correct several deficiencies currently found along this stretch of I-75 including:

- Deteriorating pavement conditions unable to handle existing vehicular and truck traffic volumes;
- Pavement that does not meet current design standards for the type and volume of traffic traveling the roadway;
- Pavement overlays that have passed their life-cycle; and
- Increased wear-and-tear on vehicles, the comfort of travelers, and fuel consumption.

The project provides independent utility and logical termini by improving operations and safety along I-75 between SR 26 and SR 96, both rural minor arterials. The project is one of several that would improve pavement conditions on I-75 from the Crisp County line to I-475 (Project NHS-M001-00(591), CSNHS-M003-00(243), and CSNHS-M003-00(340)). The following projects are also adjacent to or along the same corridor as several other projects along I-75, SR 127, and SR 96 including:

- Project STP-155-1(21) that would reconstruct and widen SR 96 from I-75 to CR 540/Old Hawkinsville Road in Houston County;
- Project GIP-341(21)01 that would widen SR 530 from Elko Road to Limerock Road and construct on new location to Hayneville;
- Project STP-001-2(35)01 that would resurface SR 7/US 41 from the I-75 north on-ramps in Dooly County to SR 127 in Houston County;
- Project CSNHS-M002-00(783) that would rehabilitate decks and replace four bridges in Houston and Dooly Counties (I-75 over Sandy Mount Creek, I-75 over CSX Railroad, I-75 over SR 7/US 41, and I-75 over Flat Creek); and
- Project SF000-M002-00(972) that would resurface SR 127 for 20.9 miles in Houston County.

The project is in the Department's 2005-2007 Statewide Transportation Improvement Plan.

### **Description of Proposed Project:**

**Description of the proposed project:** The proposed project is located in Houston/Peach Counties on I-75 / SR 401. The work is to include milling and overlaying the mainline and ramps in both directions including shoulders. The proposed project length is 15.30 miles.

**Is the project located in a non-attainment area?** \_\_\_\_\_Yes \_\_\_X\_\_\_ No.

**PDP Classification:** Major \_\_\_\_\_ Minor \_\_\_X\_\_\_

Project Concept Report Page 5  
Project Number: CSNHS-M003-00(242)  
P. I. Number: M003242  
County: Houston / Peach Counties

**Federal Oversight:** Full Oversight (X), Exempt(), State Funded(), or Other ()

**Functional Classification:** Rural Interstate Principal Arterial

**U. S. Route Number(s):**           N/A                **State Route Number(s):**           401          

**Traffic (AADT):**

Current Year: (2007) 54,500                      Design Year: (2027) 82,400

**Existing design features:**

- Typical Section(s): *(Mainline I-75) Three – 12’ travel lanes with 11’ inside paved shoulders and 12’ outside shoulders (10’ paved). (Ramps) 16’ to 28’ travel lane with 6’ inside shoulders and 10’ outside shoulders (6’ paved).*
- Posted speed: 70 mph
- Maximum degree of curvature: 1°00’00” (R=5729.58’)
- Maximum grade: 3.00%
- Width of right of way: Approximately 150’
- Major structures: Bridges
  - Bridge over I-75 at SR 26 – Interchange
  - Bridge over I-75 at Firetower Rd.
  - Bridge over I-75 at South Perry Pkwy. – Interchange
  - Bridge over I-75 at US 41/SR 127 – Interchange
  - Bridge over I-75 at Juliann Dr.
  - Bridge on I-75 at SR 7 – Interchange
  - Bridge over I-75 at Thompson Rd. – Interchange
  - Bridge over I-75 at Todd Rd.
  - Bridge over I-75 at SR 96 – Interchange
  - Bridge on I-75 over Mossy Creek
  - Bridge on I-75 over Flat Creek
  - Bridge on I-75 over Big Indian Creek
  - Bridge on I-75 over Central of Georgia RR
- Existing length of roadway segment: +/- 15.3  
Beginning mile log: +/- 126.52  
Ending mile log: +/- 141.82



- Design variances: Possible variance needed for distance offset in stage I and II when traffic is shifted to the inside and outside shoulders at bridge pier locations.
- Environmental concerns: None Anticipated
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( )
  - Categorical Exclusion (Yes)
  - Environmental Assessment/Finding of No Significant Impact (FONSI) (No) or
  - Environmental Impact Statement (EIS) (No)
- Utility involvements: None anticipated

**Project responsibilities:**

- Design – Thompson Engineering
- Right of Way Acquisition – None
- Relocation of Utilities – None
- Letting to contract - GDOT
- Supervision of construction - GDOT
- Providing material pits – Contractor
- Providing detours – None

**Coordination**

- Initial concept meeting date: N/A
- Concept meeting date: N/A
- PAR meetings, dates and results: None anticipated
- FEMA, USCG, and/or TVA: Not applicable
- Public involvement: None anticipated
- Local government comments: None
- Other projects in the area: None
- Other coordination to date: None
- Railroads: None

**Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process: 4 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: N/A Months.
- Time to complete the Section 404 Permit: N/A
- Time to complete final construction plans: 2 Months.
- Time to complete to purchase right of way: N/A Months.
- List other major items that will affect the project schedule: N/A

**Other alternates considered:**

**Alternate 1** – *Replace all three lanes and paved shoulders in each direction with concrete. Replace all ramps, with exception of the four ramps at SR 96, with concrete. The additional cost of the concrete alternate over the proposed asphalt project is approximately \$85,061,444. Environmental impacts would remain unchanged, and staging is accommodated. Construction time would be increased due to additional work and additional staging.*

**Alternate 2** – *Replace all three lanes and paved outside shoulders in each direction with concrete. Construct an additional lane and shoulder in the median in each direction with concrete and install a concrete median barrier for separation. Replace all ramps, with exception of the ramps at SR 96, with concrete. The additional cost of this alternate over the proposed asphalt project is approximately \$152,095,548. Environmental impacts would remain unchanged, and staging is accommodated. Construction time would be increased due to additional work and additional staging.*

**Comments:**

**Attachments:**

1. Cost Estimates:
  - a. Construction including E&C.
2. Typical sections
3. Bridge Inventory
4. Location and Design Notice
5. Preliminary Pavement Design
6. Traffic Counts
7. Accident Summary
8. Concept Team Meeting Minutes

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 Project Number: CSNHS-M003-00(242)  
 P. I. Number: M003242  
 County: Houston / Peach Counties

**PRELIMINARY COST ESTIMATE  
 I-75 Interstate Maintenance**

PREPARED BY: Thompson Engineering

PROJECT LENGTH: 15.3 MILES

ESTIMATED LETTING DATE: April, 2006

PROGRAMMING PROCESS CONCEPT DEVELOPMENT DURING PROJECT DEV.

<b>PROJECT COST - CSNHS-M003-00(242)</b>	
<b>A. RIGHT-OF-WAY:</b>	
1. PROPERTY (LAND & EASEMENT)	\$0
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$0
2. OTHER COSTS (DAMAGES, ADM./COURT, INFL., ETC.)	\$0
<b>SUBTOTAL: A</b>	<b>\$0</b>
<b>B. UTILITIES:</b>	
1. TRANSMISSION LINES	\$0
2. DISTRIBUTION LINES	\$0
3. OTHER UTILITIES	\$0
<b>SUBTOTAL: B</b>	<b>\$0</b>
<b>C. CONSTRUCTION:</b>	
1. MAJOR STRUCTURES:	
<b>SUBTOTAL: C-1</b>	<b>\$0</b>
2. GRADING AND DRAINAGE:	
a. EARTHWORK - Grading Complete	\$6,150,000
b. DRAINAGE -	\$2,463,000
<b>SUBTOTAL: C-2</b>	<b>\$8,613,000</b>
3. BASE AND PAVING:	
a. 8" GR AGGR BASE CRS - (105,000 TN @ \$17/TN)	\$1,785,000
b. 12" GR AGGR BASE CRS - (249,200 TN @ \$17/TN)	\$4,236,400

Project Concept Report Page 10  
 Project Number: CSNHS-M003-00(242)  
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c. ASPHALT PAVING:	
1. Superpave Base Course - 25mm, var. depth (287,300 ton @ \$70/ton)	\$20,111,000
2. Superpave Binder Course - 19mm, 2" depth (133,700 ton @ \$75/ton)	\$10,027,500
3. Superpave Surface Course - 12.5mm, 1.5" depth (36,000 ton @ \$75/ton)	\$2,700,000
4. SMA Course - 12.5mm, 1.5" depth (53,900 ton @ \$84/ton)	\$4,527,600
5. Superpave Surface Course - 12.5mm, PEM (47,800 ton @ \$88/ton)	\$4,206,400
6. REC ASPH CONC LEVELING (13,100 ton @ \$82/ton)	\$1,074,200
SUBTOTAL: C-3.c	\$42,646,700
d. RUMBLE STRIPS:	
1. INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONT) (31 GLM @ \$800/GLM)	\$24,800
2. INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP) (31 GLM @ \$650/GLM)	\$20,150
SUBTOTAL: C-3.d	\$44,950
c. BITUMINOUS TACK COAT - (179,500 gal @ \$2.32/gal)	\$416,440
d. MILLING, ASPH CONC, VARIABLE DEPTH 8"- (1,105,900 SY @ \$4.00/SY)	\$4,423,600
e. CONCRETE PAVEMENT	
1. CONCRETE PAVEMENT, 12 INCH - (126,900 SY @ \$67/SY)	\$8,502,300
2. FULL DEPTH SLAB REPLACEMENT - (72,800 CY @ \$600/CY) - 30% OF EXIST	\$43,680,000
3. SLAB REMOVAL - (126,900 SY @ \$30/SY)	\$3,807,000
4. FILTER FABRIC - (223,900 SY @ \$1.30/SY)	\$291,070
SUBTOTAL: C-3.e	\$56,280,370
<b>SUBTOTAL: C-3</b>	<b>\$109,833,460</b>
4. EROSION CONTROL:	
a. SILT FENCE	
1. TYPE A (0 LF @ \$0/LF)	\$0
2. TYPE B (0 LF @ \$0/LF)	\$0
3. TYPE C (213,00 LF @ \$3.10/LF)	\$660,920
4. MAINT. TYPE C (106,600 LF @ \$1.50/LF)	\$159,900
SUBTOTAL: C-4.a	\$820,820
b. EROSION CONTROL MATS, SLOPES (191,100 SY @ \$1.50/SY)	\$286,650

Project Concept Report Page 11  
 Project Number: CSNHS-M003-00(242)  
 P. I. Number: M003242  
 County: Houston / Peach Counties

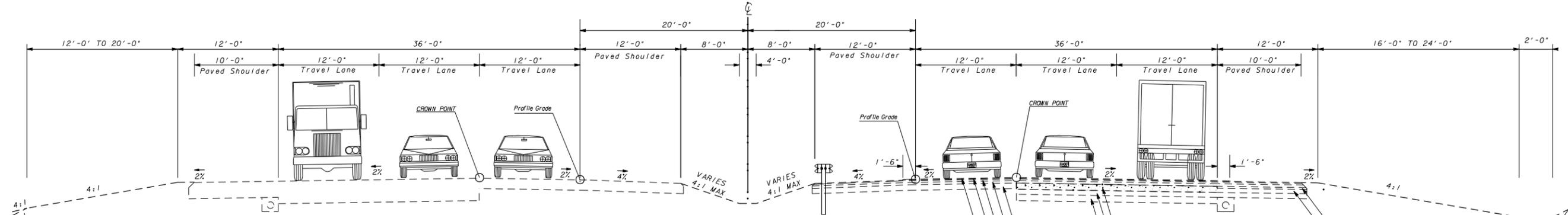
c. GRASSING	
1. PERMANENT GRASSING (210 AC @ \$940/AC)	\$197,400
2. TEMPORARY GRASSING (105 AC @ \$573/AC)	\$60,165
3. LIQUID LIME (525 GL @ \$22/GL)	\$11,550
4. AGRICULTURAL LIME (420 ton @ \$59/ton)	\$24,780
5. FERTILIZER NITROGEN CONTENT (11,200 LB @ \$1.75/LB)	\$19,600
6. FERTILIZER MIXED GRADE (210 ton @ \$242/ton)	\$50,820
7. MULCH (3680 ton @ \$327/ton)	\$1,203,360
SUBTOTAL: C-4.c	\$1,567,675
d. WATER QUALITY MONITORING AND SAMPLING (3 EA @ \$4,276/EA)	\$12,828
<b>SUBTOTAL: C-4</b>	<b>\$2,687,973</b>
5. LUMP ITEMS:	
a. TRAFFIC CONTROL	\$7,210,000
b. CLEARING (RURAL)	\$684,000
<b>SUBTOTAL: C-5</b>	<b>\$7,894,000</b>
6. MISCELLANEOUS:	
a. LIGHTING	\$0
b. MARKING	
1. CHANGEABLE MESSAGE SIGN, PORTABLE (6 EA @ \$13,000/EA)	\$78,000
2. RAISED PVMT MARKERS TP 3 (5,000 EA @ \$4.00/EA)	\$20,000
3. PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE (327,400 GLF @ \$2.60/GLF)	\$851,240
4. PREFORMED PLASTIC PVMT MKG, ARROW TP 2 (28 EA @ \$275/EA)	\$7,700
5. WET REFLECTIVE PREFORMED SOLID, 10 INCH (10,000 LF @ \$4.60/LF)	\$46,000
6. WET REFLECTIVE PREFORMED SOLID, 5 INCH (white) (35 LM @ \$10,000/LM)	\$350,000
7. WET REFLECTIVE PREFORMED SOLID, 5 INCH (yellow) (35 LM @ \$10,000/LM)	\$350,000
8. PREFORMED PLASTIC SOLID PVMT MKG, 24 IN, WHITE (220 LF @ \$10/LF)	\$2,200
SUBTOTAL: C-6.b	\$1,705,140
c. GUARDRAIL	
1. GUARDRAIL, TP T (250 LF @ \$50/LF)	\$12,500

Project Concept Report Page 12  
 Project Number: CSNHS-M003-00(242)  
 P. I. Number: M003242  
 County: Houston / Peach Counties

2. GUARDRAIL, TP W (44,400 LF @ \$14/LF)	\$621,600
3. DBL FACED GUARDRAIL, TP W (53,280 LF @ \$18.60/LF)	\$991,008
4. ANCHORS	
a. GUARDRAIL ANCHORAGE, TP 1 (63 EA @ \$450/EA)	\$28,350
b. GUARDRAIL ANCHORAGE, TP 6 (21 EA @ \$375/EA)	\$7,875
c. GUARDRAIL ANCHORAGE, TP 12 (71 EA @ \$1,500/EA)	\$106,500
SUBTOTAL: C-6.c	\$1,767,833
d. TRAFFIC CONTROL	
1. WORKZONE LAW ENFORCEMENT (950 HR @ \$50/HR)	\$47,500
e. REMOUNT ROADSIDE SIGN - (26 EA @ \$1,500/EA)	\$39,000
f. ITS	\$12,000,000
g. OTHER (Asphalt Curb, Guardrail/Anchor Removal)	\$739,635
<b>SUBTOTAL: C-6</b>	<b>\$16,299,108</b>

Project Concept Report Page 13  
 Project Number: CSNHS-M003-00(242)  
 P. I. Number: M003242  
 County: Houston / Peach Counties

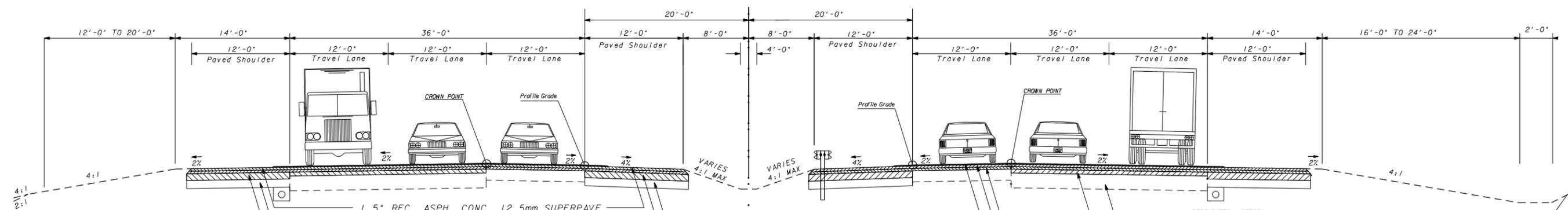
<b>ESTIMATE SUMMARY</b>	
A. RIGHT-OF-WAY:	\$0
B. REIMBURSABLE UTILITIES:	\$0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$8,613,000
3. BASE AND PAVING	\$109,833,460
4. EROSION CONTROL	\$2,687,973
5. LUMP ITEMS	\$7,894,000
6. MISCELLANEOUS	\$16,299,108
SUBTOTAL CONSTRUCTION COST	\$145,327,541
E. & C. (10%)	\$14,532,755
INFLATION (5% PER YEAR)	\$0
NUMBER OF YEARS:	
<b>GRAND TOTAL CONSTRUCTION COST</b>	<b>\$159,860,296</b>



EXISTING  
TANGENT SECTION  
I-75  
ASPHALT MILL AND REPLACE

(1990'S ROADWAY SECTION)  
 60 LBS./SQ. YD. ASPHALTIC CONCRETE "D"  
 1-1/2" ASPHALTIC CONCRETE "E"  
 2" ASPHALTIC CONCRETE "B"  
 4" ASPHALTIC CONCRETE BASE  
 10" GRADED AGGREGATE BASE

(1960'S ROADWAY SECTION)  
 6" SOIL BOUND MACADAM SHOULDER  
 1" ASPHALTIC CONCRETE "F"  
 10" PORTLAND CEMENT CONCRETE  
 8" GRANULAR SUB-BASE  
 12" SELECTED MATERIAL CLASS 1A OR 1B CLAY OR SOIL SUB-BASE



PROPOSED  
TANGENT SECTION  
I-75  
ASPHALT MILL AND REPLACE

11" REC. ASPH. CONC. 25mm SUPERPAVE  
 12" GRADED AGGREGATE BASE  
 1.5" REC. ASPH. CONC. 12.5mm SUPERPAVE  
 3" REC. ASPH. CONC. 25mm SUPERPAVE  
 8" GRADED AGGREGATE BASE  
 12.5 mm PEM, 135 lbs/sq. yd. LEVEL "D"  
 1.5" REC. ASPH. CONC. 12.5mm SMA  
 2" REC. ASPH. CONC. 19mm SUPERPAVE  
 5" REC. ASPH. CONC. 25mm SUPERPAVE

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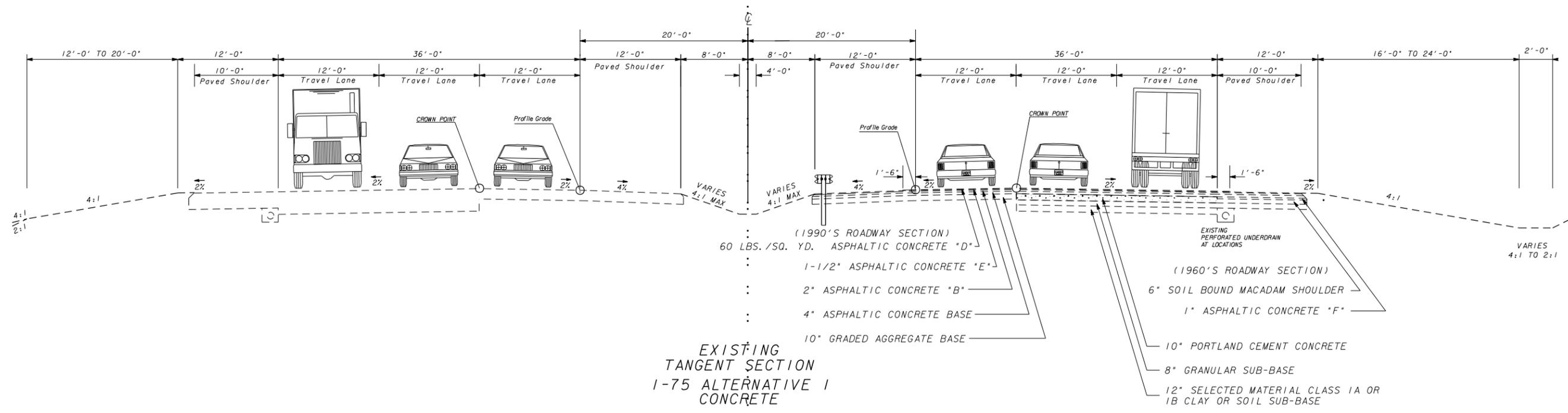


REVISION DATES	

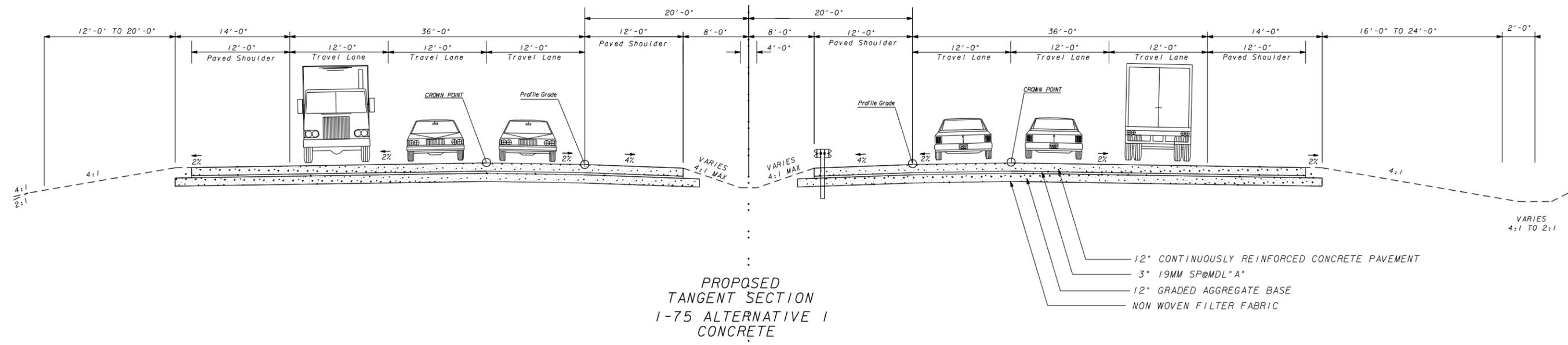
STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**

I-75 INTERSTATE MAINTENANCE  
 SR 26 TO SR 96

DRAWING No.  
**5-1**



EXISTING  
TANGENT SECTION  
I-75 ALTERNATIVE 1  
CONCRETE



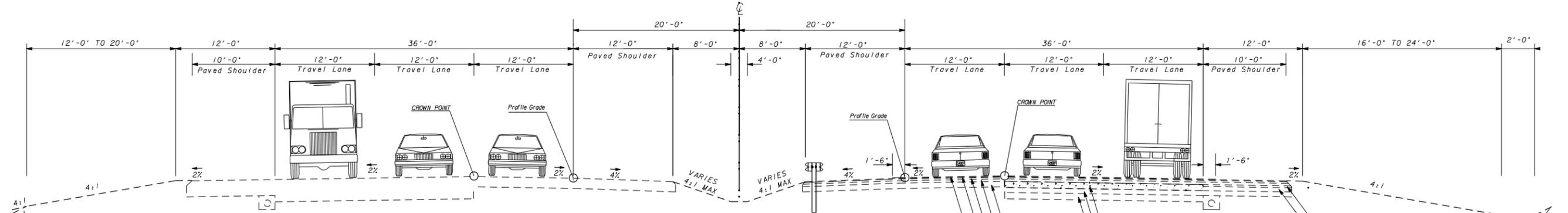
PROPOSED  
TANGENT SECTION  
I-75 ALTERNATIVE 1  
CONCRETE

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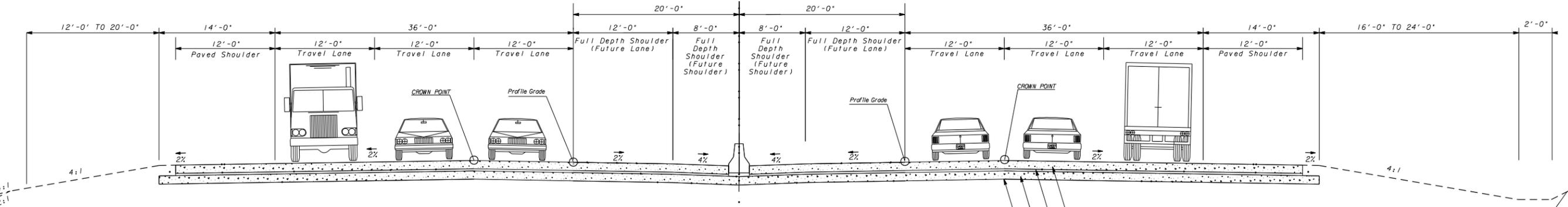
STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**  
 I-75 INTERSTATE MAINTENANCE  
 SR 26 TO SR 96  
 DRAWING No. 5-2



EXISTING  
 TANGENT SECTION  
 I-75 ALTERNATIVE 2  
 CONCRETE W/ CONCRETE MEDAIN BARRIER

(1990'S ROADWAY SECTION)  
 60 LBS./SQ. YD. ASPHALTIC CONCRETE "D"  
 1-1/2" ASPHALTIC CONCRETE "E"  
 2" ASPHALTIC CONCRETE "B"  
 4" ASPHALTIC CONCRETE BASE  
 10" GRADED AGGREGATE BASE

(1960'S ROADWAY SECTION)  
 6" SOIL BOUND MACADAM SHOULDER  
 1" ASPHALTIC CONCRETE "F"  
 10" PORTLAND CEMENT CONCRETE  
 8" GRANULAR SUB-BASE  
 12" SELECTED MATERIAL CLASS 1A OR 1B CLAY OR SOIL SUB-BASE



PROPOSED  
 TANGENT SECTION  
 I-75 ALTERNATIVE 2  
 CONCRETE W/ CONCRETE MEDAIN BARRIER

12" CONTINUOUSLY REINFORCED CONCRETE PAVEMENT  
 3" 19MM SP@MDL"A"  
 12" GRADED AGGREGATE BASE  
 NON WOVEN FILTER FABRIC

REF 104  
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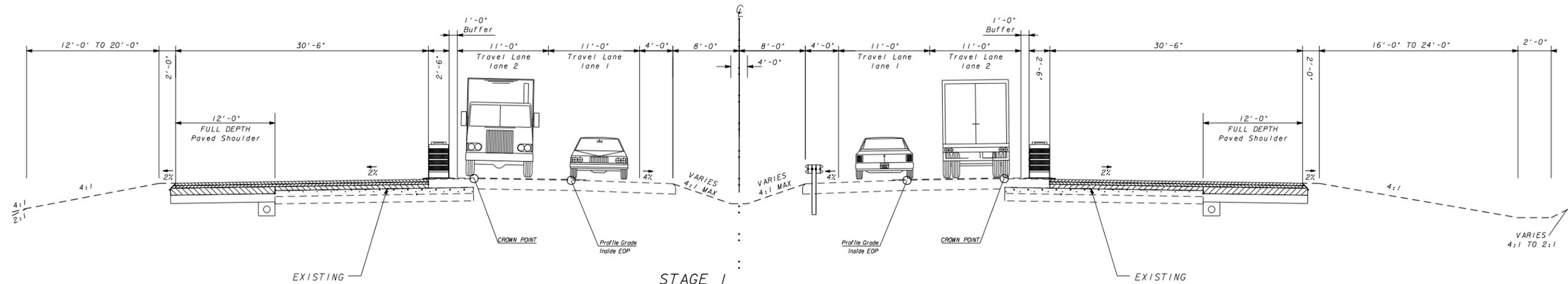


REVISION DATES	

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**

I-75 INTERSTATE MAINTENANCE  
 SR 26 TO SR 96

DRAWING No.  
**5-3**

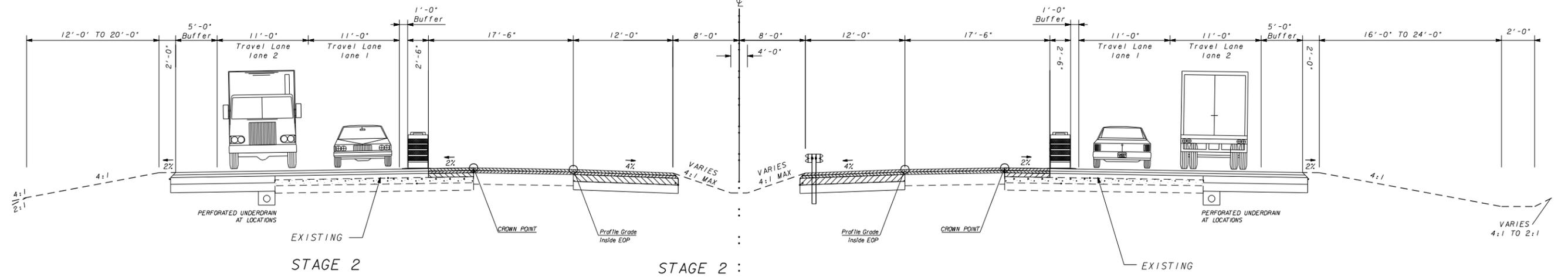


STAGE 1 PREPARATION

1. MILL OFF EXISTING RUMBLE STRIP ON INSIDE SHOULDER 1/2" DEPTH - 4 FEET WIDE FROM INSIDE EOP
2. INLAY 165\*/SY RECYCLED ASPHALTIC CONCRETE 12.5 MM SUPERPAVE
3. RESTRIPE TEMPORARILY LANES ONE AND TWO AS 11'-0" LANES BEGINNING 4 FEET ON THE INSIDE SHOULDER

STAGE 1

1. SHIFT TRAFFIC TO INSIDE TWO LANES UTILIZING THE 11'-0" LANES
2. PLACE MOVEABLE BARRELS
3. MILL EXISTING ASPHALT TRAVEL LANES DOWN TO EXISTING CONCRETE (+/-8") AND EXISTING SHOULDER DOWN TO SUBGRADE (+/-8"). REMOVE EXISTING SUBGRADE MATERIAL UNDER SHOULDER. MAINTAIN POSITIVE DRAINAGE
4. RECONSTRUCT LANE AND SHOULDER REMOVED UP TO THE SURFACE COURSE
5. STRIPE TEMPORARILY TO 11'-0" LANES UTILIZING SHOULDER



STAGE 2

1. SHIFT TRAFFIC TO OUTSIDE TWO LANES UTILIZING THE 11'-0" LANES
2. PLACE MOVEABLE BARRELS TO THE EDGE OF NEWLY CONSTRUCTED ROADWAY
3. MILL THE REMAINDER OF THE TRAVEL LANES AND SHOULDER. APPROXIMATELY +/- 8" WILL BE MILLED OVER REMAINING PORTION OF THE EXISTING CONCRETE LANE 2 AND +/- 2" WILL BE MILLED IN LANE 1 AND +/- 8" WILL BE MILLED IN THE SHOULDER. REMOVE SUBGRADE IN THE SHOULDER.
4. RECONSTRUCT MILLED AND REMOVED SECTIONS UP TO SUFACE COURSE.
5. REMOVE BARRELS, OVERLAY FINAL COURSE AND RESTRIPE ENTIRE ROADWAY AS ORIGINALLY STRIPED
6. SHIFT TRAFFIC TO FINAL LOCATION
7. COMPLETE GUARDRAIL REPLACEMENT AS PER LOG SHEETS, INSTALL RPM'S, AND COMPLETE SLOPE CLEARING

STAGE 2

REF 104  
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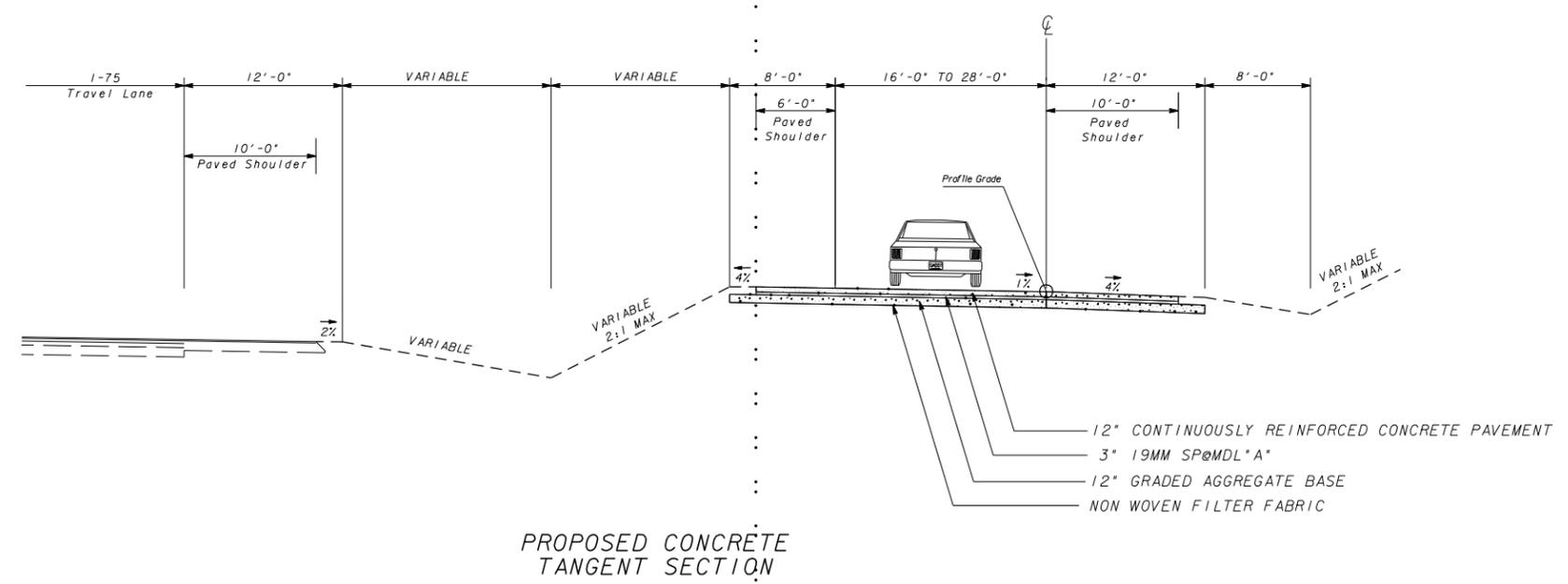
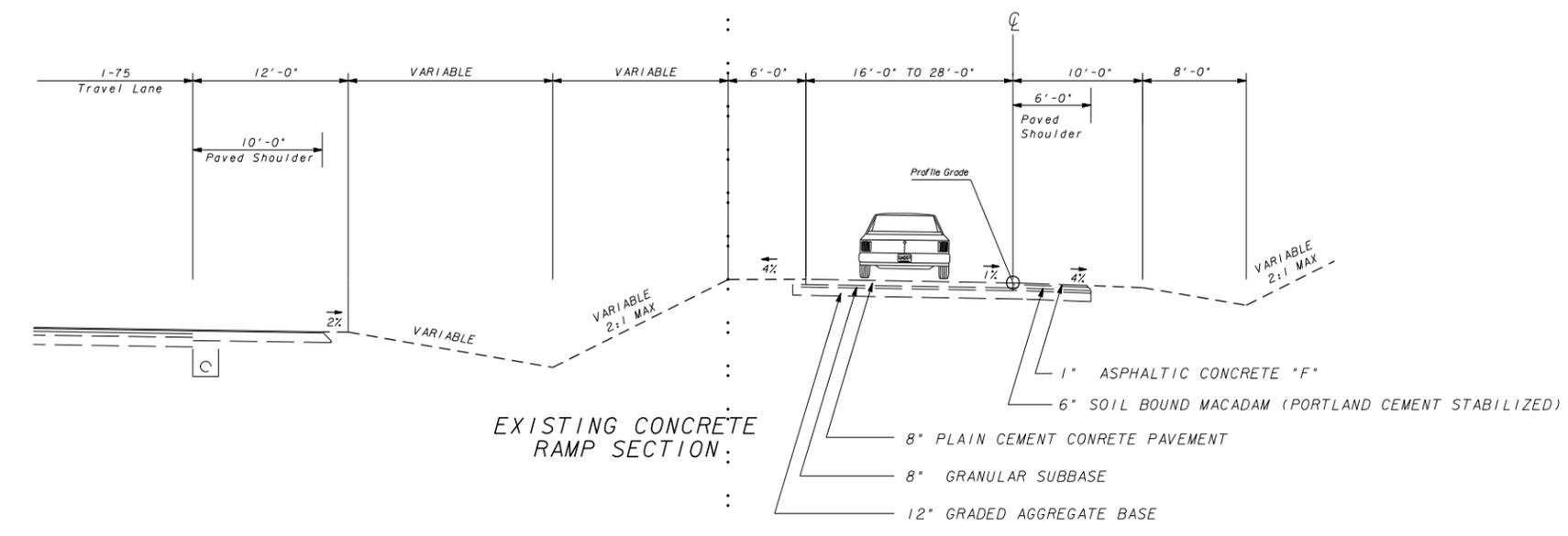


REVISION DATES


STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**

1-75 INTERSTATE MAINTENANCE  
SR 26 TO SR 96

DRAWING No.  
**5-4**



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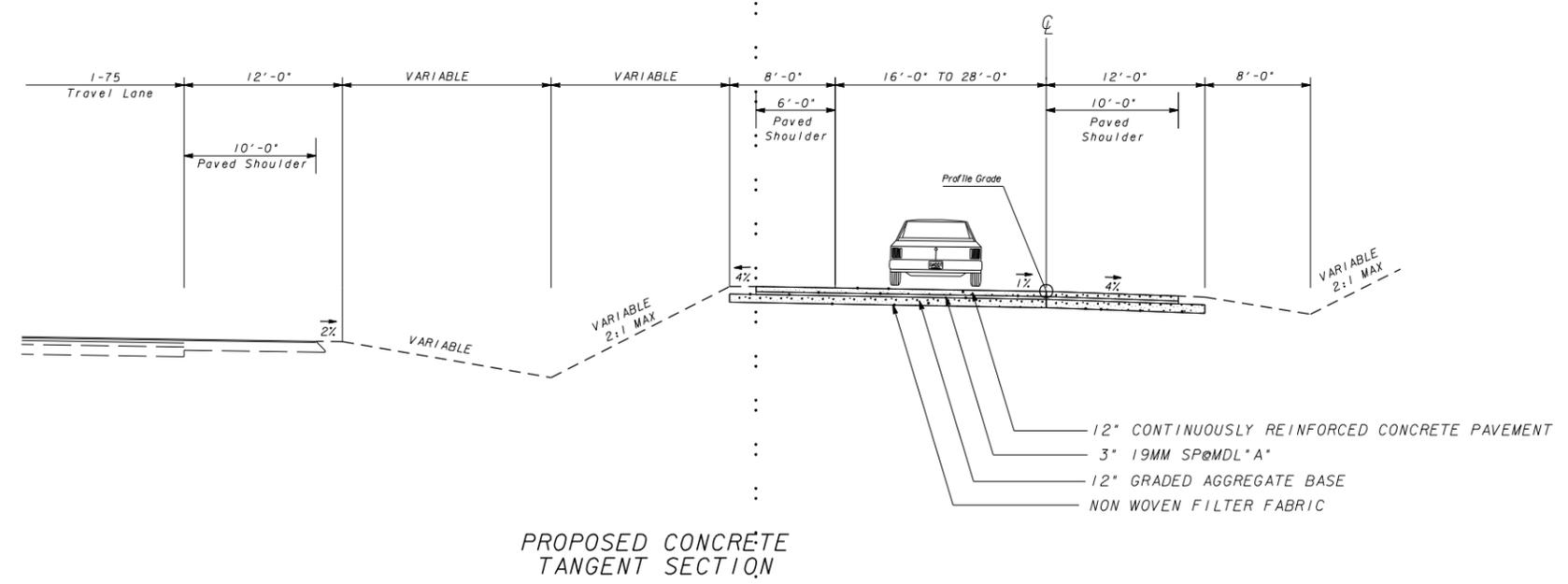
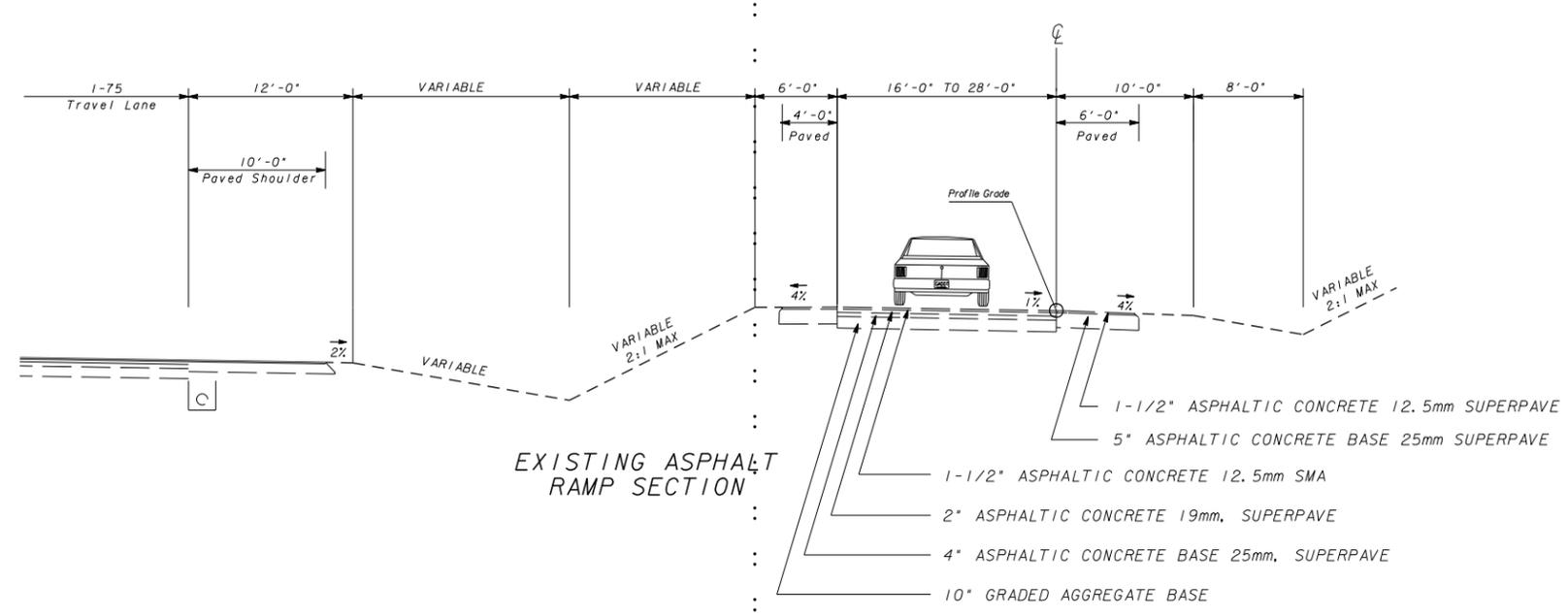
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REVISION DATES		

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**  
 1-75 INTERSTATE MAINTENANCE  
 SR 26 TO SR 96

DRAWING No.  
**5-5**



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REVISION DATES		

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: AIRPORT AND ROAD DESIGN  
**TYPICAL SECTIONS**  
 1-75 INTERSTATE MAINTENANCE  
 SR 26 TO SR 96

DRAWING No.  
**5-6**

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0020-0

Houston

SUFF. RATING

75.31

## Location & Geography

\* Structure I.D.No: 153-0020-0  
 200 Bridge Information 06  
 \* 6A Feature Int: I-75@126.87 (EXIT 127)  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00026  
 \* 7B Facility Carried: SR 26  
 \* 9 Location: 3.5 MI W OF ELKO  
 2 DOT District: 3  
 207 Year Photo: 1999  
 \* 91 Inspection Frequency: 24 Date: 10/22/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 3  
 Designation: 1  
 Number: 00026  
 Direction: 0  
 \* 16 Latitude: 32-20.1 MMS Prefix: SR  
 \* 17 Longitude: 83-46.0 MMS Suffix: 00 MP: 4.82  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 2  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531002600  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 004.76  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00026D-004.82E

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 06  
 \* 204 Federal Route Type: S No.: 00282  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 5  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 27  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 5 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.20 1  
 239 Handrail: 7 7  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 3  
 Fwr: 3  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 55  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0020-0

Houston

SUFF. RATING

75.31

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 4  
 249 Prop. Proj. No. 000000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 003000 Year: 2022

## Measurements

\* 29 ADT: 002000 Year: 2002  
 109 % Trucks: 15  
 \* 28 Lanes On: 02 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0079  
 \* 49 Structure Length: 230  
 51 Br. Rwdy. Width: 28.00  
 52 Deck Width: 34.30  
 \* 47 Tot. Horz. Cl: 28.00  
 50 Curb/Sdewlk Width: 2.00/2.00  
 32 Approach Rdwy Width: 024  
 \* 229 Shoulder Width:  
     Rear Lt: 8.00 Type: 8 Rt: 8.00  
     Fwrd Lt: 8.00 Type: 8 Rt: 8.00  
     Pavement Width:  
         Rear: 24.00 Type: 2  
         Fwrd: 24.00 Type: 2  
     Intersection Rear: 1 Fwrd: 1  
 36 Safety Features Br. Rail: 2  
     Transition: 2  
     App. G. Rail: 2  
     App. Rail End: 2  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 09 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 11.30  
 56 Lateral Undercl. Lt: 17.60  
 \* 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: 7.00  
     Deck Thick Approach: 7.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 2  
 63 Inventory Rating Method: 2  
 66 Inventory Type: 2 Rating: 36  
 64 Operating Type: 2 Rating: 67  
 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: 22  
 262 H Operating Rating: 41  
 67 Structural Evaluation: 5  
 58 Deck Condition: 6  
 59 Superstructure Condition: 5  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 6  
 60B Scour Condition: N  
 60C Underwater Condition: N  
 71 Waterway Adequacy: N  
 61 Channel Protection Cond: N  
 68 Deck Geometry: 5  
 69 UnderClr. Horz/Vert: 7  
 72 Appr. Alignment: 6  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0056-0

Houston

SUFF. RATING

57.34

## Location & Geography

\* Structure I.D.No: 153-0056-0  
 200 Bridge Information 06  
 \* 6A Feature Int: I-75@130.04  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: CR00543  
 \* 7B Facility Carried: FIRETOWER ROAD  
 \* 9 Location: 6 MI S OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/27/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 4  
 Designation: 1  
 Number: 00543  
 Direction: 0  
 \* 16 Latitude: 32-22.9 MMS Prefix:  
 \* 17 Longitude: 83-46.1 MMS Suffix: MP: 0.00  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1532054300  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 001.27  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00543X-001.27E

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 09  
 \* 204 Federal Route Type: 0 No.: 00000  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 15  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 3  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 45  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 4  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-M-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 4 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 3 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 03  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.20 1  
 239 Handrail: 7 7  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 3  
 Fwr: 3  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 55  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 21  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0056-0

Houston

SUFF. RATING

57.34

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 1  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 000585 Year: 2024

## Measurements

\* 29 ADT: 000390 Year: 2004  
 109 % Trucks: 3  
 \* 28 Lanes On: 02 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0099  
 \* 49 Structure Length: 287  
 51 Br. Rwdy. Width: 24.00  
 52 Deck Width: 30.30  
 \* 47 Tot. Horz. Cl: 24.00  
 50 Curb/Sdewlk Width: 2.00/2.00  
 32 Approach Rdwy Width: 020  
 \* 229 Shoulder Width:  
     Rear Lt: 6.00 Type: 8 Rt: 6.00  
     Fwrd Lt: 6.00 Type: 8 Rt: 6.00  
     Pavement Width:  
         Rear: 20.00 Type: 2  
         Fwrd: 20.00 Type: 2  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 2  
     Transition: 2  
     App. G. Rail: 2  
     App. Rail End: 2  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 10 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 11.50  
 56 Lateral Undercl. Lt: 18.20  
 \* 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: 7.00  
     Deck Thick Approach: 7.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 1997 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 16  
 64 Operating Type: 2 Rating: 26  
 231 Calculated Loads  
     H-Modified: 21 1  
     HS-Modified: 30 0  
     Type 3: 33 1  
     Type 3s2: 40 1  
     Timber: 37 1  
     Piggyback: 00 0  
 261 H Inventory Rating: 19  
 262 H Operating Rating: 31  
 67 Structural Evaluation: 4  
 58 Deck Condition: 6  
 59 Superstructure Condition: 8  
 \* 227 Collision Damage: 1  
 60A Substructure Condition: 7  
 60B Scour Condition: N  
 60C Underwater Condition: N  
 71 Waterway Adequacy: N  
 61 Channel Protection Cond: N  
 68 Deck Geometry: 5  
 69 UnderClr. Horz/Vert: 7  
 72 Appr. Alignment: 5  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00543X-001.27E

## Posting Data

70 Bridge Posting Required: 4  
 41 Struct Open, Posted, Cl: P  
 \* 103 Temporary Structure: 0  
 232 Posted Loads H-Modified: 21  
     HS-Modified: 00  
     Type 3: 33  
     Type3s2: 00  
     Timber: 37  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0046-0

Houston

SUFF. RATING

88.12

## Location & Geography

\* Structure I.D.No: 153-0046-0  
 200 Bridge Information 04  
 \* 6A Feature Int: FLAT CREEK  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75  
 \* 9 Location: 3 MI SW OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 2002  
 \* 91 Inspection Frequency: 24 Date: 10/22/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 12 Date: 10/05/2004  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-25.1 MMS Prefix: SR  
 \* 17 Longitude: 83-45.7 MMS Suffix: 00 MP: 132.58  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 008.98  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: jal  
 \* Location I.D. No.: 153-00401D-132.58N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 11  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 4  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 1993  
 33 Bridge Median: 3  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: 0  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 5  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 00  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 15  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 1  
 241 Bridge Median Height: 2.80  
 Width: 2.60  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 6  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0046-0

Houston

SUFF. RATING

88.12

## Programming Data

201 Project No.: IR-75-1 (177)  
 202 Plans Available: 4  
 249 Prop. Proj. No. CSNHS-M002-00(7)  
 250 Approval Status: 0000  
 251 P.I. No.: M002783  
 252 Contract Date: 02/01/1901  
 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: 069375 Year: 2023

## Measurements

\* 29 ADT: 046250 Year: 2003  
 109 % Trucks: 18  
 \* 28 Lanes On: 06 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0032  
 \* 49 Structure Length: 128  
 51 Br. Rwdy. Width: 133.50  
 52 Deck Width: 139.30  
 \* 47 Tot. Horz. Cl: 66.80  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 120  
 \* 229 Shoulder Width:  
     Rear Lt: 12.00 Type: 2 Rt: 12.00  
     Fwrd Lt: 12.00 Type: 2 Rt: 12.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: N 00 ' 00 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: N 99.90  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 7.50  
     Deck Thick Approach: 0.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 29  
 64 Operating Type: 2 Rating: 49  
 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: 22  
 262 H Operating Rating: 36  
 67 Structural Evaluation: 6  
 58 Deck Condition: 5  
 59 Superstructure Condition: 6  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 7  
 60B Scour Condition: 8  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 8  
 68 Deck Geometry: 9  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     Drainage Area: 00021  
     Area Of Opening: 000742  
 113 Scour Critical: 3  
 216 Water Depth: 01.0 Br. Height: 12.5  
 222 Slope Protection: 1  
 221 Spur Dikes Rear: 0 Fwrd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No. Barrels: 0  
     Width: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0041-0

Houston

SUFF. RATING

65.98

## Location & Geography

\* Structure I.D.No: 153-0041-0  
 200 Bridge Information 04  
 \* 6A Feature Int: SR 7 (US 41)  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75 NBL  
 \* 9 Location: 4 MI SW OF ELKO  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/27/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-18.0 MMS Prefix: SR  
 \* 17 Longitude: 83-45.7 MMS Suffix: 00 MP: 124.43  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: R  
 \* 102 Direction of Traffic: 1  
 \* 264 Road Inventory Mile Post: 000.79  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-124.43N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 01  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 1996  
 33 Bridge Median: 1  
 34 Skew: 26  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 5  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-M-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 3 02  
 45 No. Spans Main: 001  
 44 Structure Type Appr: 3 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 1  
 241 Bridge Median Height: 7.00  
 Width: 3.40  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwd: 2  
 Oppo Dir Rear: 0  
 Fwd: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0041-0

Houston

SUFF. RATING

65.98

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 1  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 260 Seismic No.: 00000  
 75 Type Work: 34 1  
 94 Bridge Imp. Cost: \$ 176  
 95 Roadway Imp. Cost: \$ 48  
 96 Total Imp Cost: \$ 327  
 76 Imp. Length: 000454  
 97 Imp. Year: 1990  
 114 Future ADT: 067200 Year: 2022

## Measurements

\* 29 ADT: 044800 Year: 2002  
 109 % Trucks: 31  
 \* 28 Lanes On: 03 Under: 02  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0101  
 \* 49 Structure Length: 243  
 51 Br. Rwdy. Width: 67.30  
 52 Deck Width: 69.70  
 \* 47 Tot. Horz. Cl: 67.30  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 058  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 1  
         Fwrd: 36.00 Type: 1  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 01 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 6.70  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 8.00  
     Deck Thick Approach: 8.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 1996 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 23  
 64 Operating Type: 2 Rating: 38  
 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: 25  
 262 H Operating Rating: 46  
 67 Structural Evaluation: 5  
 58 Deck Condition: 4  
 59 Superstructure Condition: 6  
 \* 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: 4  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00401D-124.43N

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0042-0

Houston

SUFF. RATING

82.84

## Location & Geography

\* Structure I.D.No: 153-0042-0  
 200 Bridge Information 04  
 \* 6A Feature Int: SR 7 (US 41)  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75 SBL  
 \* 9 Location: 4 MI SW OF EKLO  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/27/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-18.0 MMS Prefix: SR  
 \* 17 Longitude: 83-45.7 MMS Suffix: 00 MP: 124.44  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: L  
 \* 102 Direction of Traffic: 1  
 \* 264 Road Inventory Mile Post: 000.80  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-124.44N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 01  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 1996  
 33 Bridge Median: 1  
 34 Skew: 26  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 5  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-M-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 3 02  
 45 No. Spans Main: 001  
 44 Structure Type Appr: 3 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.20 1  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 7.00  
 Width: 3.40  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 2  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0042-0

Houston

SUFF. RATING

82.84

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 1  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 260 Seismic No.: 00000  
 75 Type Work: 34 1  
 94 Bridge Imp. Cost: \$ 506  
 95 Roadway Imp. Cost: \$ 65  
 96 Total Imp Cost: \$ 700  
 76 Imp. Length: 000427  
 97 Imp. Year: 1990  
 114 Future ADT: 067200 Year: 2022

## Measurements

\* 29 ADT: 044800 Year: 2002  
 109 % Trucks: 31  
 \* 28 Lanes On: 03 Under: 02  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0095  
 \* 49 Structure Length: 215  
 51 Br. Rwdy. Width: 58.00  
 52 Deck Width: 67.30  
 \* 47 Tot. Horz. Cl: 58.00  
 50 Curb/Sdewlk Width: 11.00/11.00  
 32 Approach Rdwy Width: 058  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 1  
         Fwrd: 36.00 Type: 1  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 01 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 6.70  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 8.00  
     Deck Thick Approach: 8.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 1996 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 28  
 64 Operating Type: 2 Rating: 48  
 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: 25  
 262 H Operating Rating: 46  
 67 Structural Evaluation: 6  
 58 Deck Condition: 4  
 59 Superstructure Condition: 6  
 \* 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: 7  
 69 UnderClr. Horz/Vert: 4  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00401D-124.44N

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0006-0

Houston

SUFF. RATING

98.64

## Location & Geography

\* Structure I.D.No: 153-0006-0  
 200 Bridge Information 04  
 \* 6A Feature Int: I-75 @ 134.61(EXIT 135)  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00007  
 \* 7B Facility Carried: US 41- SR 127  
 \* 9 Location: PERRY - SW SECTION  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/22/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 60340  
 \* 5 Inventory Route (O/U): 1  
 Type: 2  
 Designation: 1  
 Number: 00041  
 Direction: 0  
 \* 16 Latitude: 32-26.8 MMS Prefix: SR  
 \* 17 Longitude: 83-45.3 MMS Suffix: 00 MP: 12.28  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531000700  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 012.18  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00007D-012.28N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 14  
 \* 204 Federal Route Type: F No.: 00012  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 5  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 1989  
 33 Bridge Median: 0  
 34 Skew: 17  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 5 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 6  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 30  
 236 Warning Sign: 0  
 234 Delineator: 0  
 235 Hazard Boards: 0  
 237 Utilities Gas: 21  
 W 22  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 07

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0006-0

Houston

SUFF. RATING

98.64

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 4  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 027300 Year: 2022

## Measurements

\* 29 ADT: 018200 Year: 2002  
 109 % Trucks: 5  
 \* 28 Lanes On: 05 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0070  
 \* 49 Structure Length: 204  
 51 Br. Rwdy. Width: 92.00  
 52 Deck Width: 95.30  
 \* 47 Tot. Horz. Cl: 92.00  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 024  
 \* 229 Shoulder Width:  
     Rear Lt: 8.00 Type: 8 Rt: 8.00  
     Fwrd Lt: 8.00 Type: 8 Rt: 8.00  
     Pavement Width:  
         Rear: 24.00 Type: 2  
         Fwrd: 24.00 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 16 ' 08 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 10.00  
 56 Lateral Undercl. Lt: 18.20  
 \* 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: 8.20  
     Deck Thick Approach: 8.20  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 46  
 64 Operating Type: 2 Rating: 99  
 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: 23  
 262 H Operating Rating: 44  
 67 Structural Evaluation: 6  
 58 Deck Condition: 6  
 59 Superstructure Condition: 6  
 \* 227 Collision Damage: 2  
 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

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0058-0

Houston

SUFF. RATING

60.27

## Location & Geography

\* Structure I.D.No: 153-0058-0  
 200 Bridge Information 06  
 \* 6A Feature Int: I-75 @ 135.17N  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: CS00622  
 \* 7B Facility Carried: JULIANN DRIVE  
 \* 9 Location: PERRY - WESTSIDE  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 60340  
 \* 5 Inventory Route (O/U): 1  
 Type: 4  
 Designation: 1  
 Number: 00622  
 Direction: 0  
 \* 16 Latitude: 32-27.3 MMS Prefix:  
 \* 17 Longitude: 83-45.1 MMS Suffix: MP: 0.00  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1533062213  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 000.41  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00622X-000.41S

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 19  
 \* 204 Federal Route Type: 0 No.: 00000  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 03  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 4  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 5 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.20 1  
 239 Handrail: 7 7  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 3  
 Fwr: 3  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 30  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 22  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0058-0

Houston

SUFF. RATING

60.27

## Programming Data

201 Project No.: I-75-1 (28) 126 CT.2  
 202 Plans Available: 1  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 001245 Year: 2022

## Measurements

\* 29 ADT: 000830 Year: 2002  
 109 % Trucks: 4  
 \* 28 Lanes On: 02 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0070  
 \* 49 Structure Length: 252  
 51 Br. Rwdy. Width: 26.00  
 52 Deck Width: 32.00  
 \* 47 Tot. Horz. Cl: 26.00  
 50 Curb/Sdewlk Width: 2.00/2.00  
 32 Approach Rdwy Width: 023  
 \* 229 Shoulder Width:  
     Rear Lt: 3.00 Type: 8 Rt: 3.00  
     Fwrd Lt: 3.00 Type: 8 Rt: 3.00  
     Pavement Width:  
         Rear: 23.00 Type: 2  
         Fwrd: 23.00 Type: 2  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 2  
     Transition: 2  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 10 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 12.00  
 56 Lateral Undercl. Lt: 17.70  
 \* 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: 7.50  
     Deck Thick Approach: 7.50  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 2  
 63 Inventory Rating Method: 2  
 66 Inventory Type: 2 Rating: 25  
 64 Operating Type: 2 Rating: 48  
 231 Calculated Loads  
     H-Modified: 20 0  
     HS-Modified: 25 0  
     Type 3: 28 0  
     Type 3s2: 40 0  
     Timber: 36 0  
     Piggyback: 00 0  
 261 H Inventory Rating: 20  
 262 H Operating Rating: 38  
 67 Structural Evaluation: 5  
 58 Deck Condition: 5  
 59 Superstructure Condition: 5  
 \* 227 Collision Damage: 2  
 60A Substructure Condition: 7  
 60B Scour Condition: N  
 60C Underwater Condition: N  
 71 Waterway Adequacy: N  
 61 Channel Protection Cond: N  
 68 Deck Geometry: 5  
 69 UnderClr. Horz/Vert: 7  
 72 Appr. Alignment: 3  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0048-0

Houston

SUFF. RATING

94.56

## Location & Geography

\* Structure I.D.No: 153-0048-0  
 200 Bridge Information 04  
 \* 6A Feature Int: BIG INDIAN CREEK  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75  
 \* 9 Location: PERRY - WESTSIDE  
 2 DOT District: 3  
 207 Year Photo: 2002  
 \* 91 Inspection Frequency: 24 Date: 10/22/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 12 Date: 10/05/2004  
 \* 4 Place Code: 60340  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-27.5 MMS Prefix: SR  
 \* 17 Longitude: 83-45.0 MMS Suffix: 00 MP: 135.36  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 011.79  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: jal  
 \* Location I.D. No.: 153-00401D-135.36N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 11  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1963  
 106 Year Reconstructed: 1993  
 33 Bridge Median: 3  
 34 Skew: 35  
 35 Structure Flared: 0  
 38 Navigation Control: 0  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 5  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 006  
 44 Structure Type Appr: 0 00  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 2  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 15  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 1  
 241 Bridge Median Height: 2.80  
 Width: 2.60  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwd: 6  
 Oppo Dir Rear: 0  
 Fwd: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele 00  
 Telephone: 00  
 Se 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0048-0

Houston

SUFF. RATING

94.56

## Programming Data

201 Project No.: IR-75-1 (199)  
 202 Plans Available: 4  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 068835 Year: 2023

## Measurements

\* 29 ADT: 045890 Year: 2003  
 109 % Trucks: 11  
 \* 28 Lanes On: 06 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0043  
 \* 49 Structure Length: 258  
 51 Br. Rwdy. Width: 133.50  
 52 Deck Width: 139.20  
 \* 47 Tot. Horz. Cl: 66.80  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 116  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: N 00 ' 00 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: N 99.90  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 7.50  
     Deck Thick Approach: 0.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 41  
 64 Operating Type: 2 Rating: 99  
 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: 23  
 262 H Operating Rating: 41  
 67 Structural Evaluation: 6  
 58 Deck Condition: 6  
 59 Superstructure Condition: 6  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 6  
 60B Scour Condition: 8  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 8  
 68 Deck Geometry: 9  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     Drainage Area: 00102  
     Area Of Opening: 000900  
 113 Scour Critical: 3  
 216 Water Depth: 05.8 Br. Height: 20.2  
 222 Slope Protection: 1  
 221 Spur Dikes Rear: 0 Fwrd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No. Barrels: 0  
     Width: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0050-0

Houston

SUFF. RATING

83.36

## Location & Geography

\* Structure I.D.No: 153-0050-0  
 200 Bridge Information 04  
 \* 6A Feature Int: SOUTHERN RAILROAD  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75  
 \* 9 Location: PERRY - WESTSIDE  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 60340  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-27.8 MMS Prefix: SR  
 \* 17 Longitude: 83-44.9 MMS Suffix: 00 MP: 135.77  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 012.20  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-135.78N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 11  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1962  
 106 Year Reconstructed: 1993  
 33 Bridge Median: 3  
 34 Skew: 33  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 2  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 0  
 \* 43 Structure Type Main: 2 04  
 45 No. Spans Main: 001  
 44 Structure Type Appr: 2 04  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 6  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 15  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 1  
 241 Bridge Median Height: 2.80  
 Width: 2.60  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwd: 6  
 Oppo Dir Rear: 0  
 Fwd: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0050-0

Houston

SUFF. RATING

83.36

## Programming Data

201 Project No.: IR-75-1 (199)  
 202 Plans Available: 3  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 063450 Year: 2022

## Measurements

\* 29 ADT: 042300 Year: 2002  
 109 % Trucks: 11  
 \* 28 Lanes On: 06 Under: 00  
 210 No. Tracks On: 00 Under: 01  
 \* 48 Max. Span Length: 0057  
 \* 49 Structure Length: 149  
 51 Br. Rwdy. Width: 133.50  
 52 Deck Width: 139.20  
 \* 47 Tot. Horz. Cl: 58.00  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 058  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: R 22 ' 08 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: R 20.00  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 7.30  
     Deck Thick Approach: 7.30  
 246 Overlay Thickness: 3.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 36  
 64 Operating Type: 2 Rating: 62  
 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: 23  
 262 H Operating Rating: 51  
 67 Structural Evaluation: 5  
 58 Deck Condition: 7  
 59 Superstructure Condition: 5  
 \* 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: 7  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     Drainage Area: 00000  
     Area Of Opening: 000000  
 113 Scour Critical: N  
 216 Water Depth: 00.0 Br. Height: 00.0  
 222 Slope Protection: 0  
 221 Spur Dikes Rear: 0 Fwrd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No. Barrels: 0  
     Width: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0052-0

Houston

SUFF. RATING

79.48

## Location & Geography

\* Structure I.D.No: 153-0052-0  
 200 Bridge Information 04  
 \* 6A Feature Int: SR 7 (US 341)EXIT136  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75  
 \* 9 Location: PERRY - NW SECTION  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 60340  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-26.4 MMS Prefix: SR  
 \* 17 Longitude: 83-45.4 MMS Suffix: 00 MP: 136.36  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 012.80  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-136.37N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 11  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1962  
 106 Year Reconstructed: 1993  
 33 Bridge Median: 3  
 34 Skew: 32  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 4  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-M-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 4 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 3 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 1  
 241 Bridge Median Height: 4.00  
 Width: 2.60  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 6  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 23  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0052-0

Houston

SUFF. RATING

79.48

## Programming Data

201 Project No.: IR-75-1 (199)  
 202 Plans Available: 3  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 075450 Year: 2022

## Measurements

\* 29 ADT: 050300 Year: 2002  
 109 % Trucks: 21  
 \* 28 Lanes On: 06 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0067  
 \* 49 Structure Length: 220  
 51 Br. Rwdy. Width: 133.50  
 52 Deck Width: 139.30  
 \* 47 Tot. Horz. Cl: 66.80  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 060  
 \* 229 Shoulder Width:  
     Rear Lt: 12.00 Type: 2 Rt: 12.00  
     Fwrd Lt: 12.00 Type: 2 Rt: 12.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 1 Fwrd: 1  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 15 ' 07 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 8.20  
 56 Lateral Undercl. Lt: 9.80  
 \* 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: 7.50  
     Deck Thick Approach: 7.50  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 2003 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 38  
 64 Operating Type: 2 Rating: 64  
 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: 23  
 262 H Operating Rating: 43  
 67 Structural Evaluation: 5  
 58 Deck Condition: 5  
 59 Superstructure Condition: 7  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 5  
 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: 4  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00401D-136.37N

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0084-0

Houston

SUFF. RATING

90.41

## Location & Geography

\* Structure I.D.No: 153-0084-0  
 200 Bridge Information 01  
 \* 6A Feature Int: I-75 (EXIT 138) @ 137.93  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00011  
 \* 7B Facility Carried: S.R. 11 CONNECTOR  
 \* 9 Location: 2 MI N OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 3  
 Designation: 1  
 Number: 00011  
 Direction: 0  
 \* 16 Latitude: 32-29.4 MMS Prefix: SR  
 \* 17 Longitude: 83-44.6 MMS Suffix: CO MP: 1.84  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 15310011  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 001.84  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00866D-001.84N

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 02  
 \* 204 Federal Route Type: F No.: 02141  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 06  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1988  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 5 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 0  
 111 Pier Protection: 0  
 107 Deck Structure Type: 2  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 6  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 1  
 233 Posted Speed Limit: 55  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 31  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0084-0

Houston

SUFF. RATING

90.41

## Programming Data

201 Project No.: EDS-IR-75-1 (168)  
 202 Plans Available: 1  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 010650 Year: 2022

## Measurements

\* 29 ADT: 007100 Year: 2002  
 109 % Trucks: 10  
 \* 28 Lanes On: 02 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0070  
 \* 49 Structure Length: 204  
 51 Br. Rwdy. Width: 60.00  
 52 Deck Width: 63.30  
 \* 47 Tot. Horz. Cl: 60.00  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 024  
 \* 229 Shoulder Width:  
     Rear Lt: 13.00 Type: 8 Rt: 13.00  
     Fwrd Lt: 13.00 Type: 8 Rt: 13.00  
     Pavement Width:  
         Rear: 24.00 Type: 2  
         Fwrd: 24.00 Type: 2  
     Intersection Rear: 1 Fwrd: 1  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 17 ' 06 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 12.50  
 56 Lateral Undercl. Lt: 17.80  
 \* 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: 7.50  
     Deck Thick Approach: 7.50  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 29  
 64 Operating Type: 2 Rating: 83  
 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: 23  
 262 H Operating Rating: 46  
 67 Structural Evaluation: 6  
 58 Deck Condition: 7  
 59 Superstructure Condition: 8  
 \* 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: 9  
 72 Appr. Alignment: 5  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0031-0

Houston

SUFF. RATING

68.05

## Location & Geography

\* Structure I.D.No: 153-0031-0  
 200 Bridge Information 06  
 \* 6A Feature Int: I-75 @ 139.14E  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: CR00195  
 \* 7B Facility Carried: TODD ROAD  
 \* 9 Location: 2.7 MI N OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 1999  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 4  
 Designation: 1  
 Number: 00195  
 Direction: 0  
 \* 16 Latitude: 32-30.6 MMS Prefix:  
 \* 17 Longitude: 83-44.6 MMS Suffix: MP: 0.00  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 0  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1532019500  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: N  
 \* 102 Direction of Traffic: 2  
 \* 264 Road Inventory Mile Post: 001.14  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00195X-001.14E

## Signs & Attachments

\* 104 Highway System: 0  
 \* 26 Functional Classification: 08  
 \* 204 Federal Route Type: 0 No.: 00000  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 0  
 206 School Bus Route: 1  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 09  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 2  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1962  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 0  
 34 Skew: 03  
 35 Structure Flared: 0  
 38 Navigation Control: N  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 1  
 214 Movable Bridge: 0  
 203 Type Bridge: Z-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 5 02  
 45 No. Spans Main: 002  
 44 Structure Type Appr: 5 02  
 46 No. Spans Appr: 0002  
 226 Bridge Curve Horz: 0 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 1  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 0  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 1.10 1  
 239 Handrail: 7 7  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 3  
 Fwr: 3  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 45  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0031-0

Houston

SUFF. RATING

68.05

## Programming Data

201 Project No.: I-75-1 (30) 138 CT.2  
 202 Plans Available: 1  
 249 Prop. Proj. No. 000000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 003300 Year: 2022

## Measurements

\* 29 ADT: 002200 Year: 2002  
 109 % Trucks: 7  
 \* 28 Lanes On: 02 Under: 06  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0070  
 \* 49 Structure Length: 204  
 51 Br. Rwdy. Width: 28.00  
 52 Deck Width: 32.50  
 \* 47 Tot. Horz. Cl: 28.00  
 50 Curb/Sdewlk Width: 2.00/2.00  
 32 Approach Rdwy Width: 018  
 \* 229 Shoulder Width:  
     Rear Lt: 6.00 Type: 8 Rt: 6.00  
     Fwrd Lt: 6.00 Type: 8 Rt: 6.00  
     Pavement Width:  
         Rear: 18.00 Type: 2  
         Fwrd: 18.00 Type: 2  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 2  
     Transition: 2  
     App. G. Rail: 2  
     App. Rail End: 2  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: H 16 ' 09 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: H 12.00  
 56 Lateral Undercl. Lt: 18.50  
 \* 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: 7.50  
     Deck Thick Approach: 7.50  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 1  
 63 Inventory Rating Method: 1  
 66 Inventory Type: 2 Rating: 28  
 64 Operating Type: 2 Rating: 46  
 231 Calculated Loads  
     H-Modified: 21 0  
     HS-Modified: 29 0  
     Type 3: 26 0  
     Type 3s2: 36 0  
     Timber: 33 0  
     Piggyback: 00 0  
 261 H Inventory Rating: 22  
 262 H Operating Rating: 48  
 67 Structural Evaluation: 5  
 58 Deck Condition: 7  
 59 Superstructure Condition: 5  
 \* 227 Collision Damage: 2  
 60A Substructure Condition: 7  
 60B Scour Condition: N  
 60C Underwater Condition: N  
 71 Waterway Adequacy: N  
 61 Channel Protection Cond: N  
 68 Deck Geometry: 4  
 69 UnderClr. Horz/Vert: 7  
 72 Appr. Alignment: 6  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0000.0 Year: 1900  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     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: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0096-0

Houston

SUFF. RATING

93.96

## Location & Geography

\* Structure I.D.No: 153-0096-0  
 200 Bridge Information 02  
 \* 6A Feature Int: MOSSY CREEK  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75 NBL  
 \* 9 Location: 5 MI N OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-31.9 MMS Prefix: SR  
 \* 17 Longitude: 83-44.6 MMS Suffix: 00 MP: 140.52  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: R  
 \* 102 Direction of Traffic: 1  
 \* 264 Road Inventory Mile Post: 017.00  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-140.54N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 01  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1995  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 1  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: 0  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 5  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 00  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 1 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 2  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwd: 6  
 Oppo Dir Rear: 0  
 Fwd: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0096-0

Houston

SUFF. RATING

93.96

## Programming Data

201 Project No.: ERN-75-1 (242)  
 202 Plans Available: 3  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 080700 Year: 2022

## Measurements

\* 29 ADT: 053800 Year: 2002  
 109 % Trucks: 24  
 \* 28 Lanes On: 03 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0040  
 \* 49 Structure Length: 160  
 51 Br. Rwdy. Width: 60.00  
 52 Deck Width: 63.30  
 \* 47 Tot. Horz. Cl: 60.00  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 058  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: N 00 ' 00 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: N 99.90  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 8.10  
     Deck Thick Approach: 0.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 2  
 63 Inventory Rating Method: 2  
 66 Inventory Type: 2 Rating: 36  
 64 Operating Type: 2 Rating: 60  
 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: 22  
 262 H Operating Rating: 43  
 67 Structural Evaluation: 7  
 58 Deck Condition: 7  
 59 Superstructure Condition: 8  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 7  
 60B Scour Condition: 8  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 8  
 68 Deck Geometry: 8  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0322.0 Year: 1994  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     Drainage Area: 00091  
     Area Of Opening: 000000  
 113 Scour Critical: 5  
 216 Water Depth: 00.9 Br. Height: 16.8  
 222 Slope Protection: 3  
 221 Spur Dikes Rear: 0 Fwrd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No. Barrels: 0  
     Width: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00401D-140.54N

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0097-0

Houston

SUFF. RATING

93.96

## Location & Geography

\* Structure I.D.No: 153-0097-0  
 200 Bridge Information 02  
 \* 6A Feature Int: MOSSY CREEK  
 \* 6B Critical Bridge: 0  
 \* 7A Route Number Carried: SR00401  
 \* 7B Facility Carried: I-75 SBL  
 \* 9 Location: 5 MI N OF PERRY  
 2 DOT District: 3  
 207 Year Photo: 2003  
 \* 91 Inspection Frequency: 24 Date: 10/21/2003  
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901  
 92B Underwater Insp Freq: 00 Date: 02/01/1901  
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901  
 \* 4 Place Code: 00000  
 \* 5 Inventory Route (O/U): 1  
 Type: 1  
 Designation: 1  
 Number: 00075  
 Direction: 0  
 \* 16 Latitude: 32-31.9 MMS Prefix: SR  
 \* 17 Longitude: 83-44.6 MMS Suffix: 00 MP: 140.55  
 98 Border Bridge: 000 %Shared: 00  
 99 ID Number: 0000000000000000  
 \* 100 STRAHNET: 1  
 12 Base Highway Network: 1  
 13A LRS Inventory Route: 1531040100  
 13B Sub Inventory Route: 0  
 \* 101 Parallel Structure: L  
 \* 102 Direction of Traffic: 1  
 \* 264 Road Inventory Mile Post: 017.01  
 \* 208 Inspection Area: 08 Initials: JLA  
 Engineer's Initial: SGM  
 \* Location I.D. No.: 153-00401D-140.55N

## Signs & Attachments

\* 104 Highway System: 1  
 \* 26 Functional Classification: 01  
 \* 204 Federal Route Type: I No.: 00751  
 105 Federal Lands Highway: 0  
 \* 110 Truck Route: 1  
 206 School Bus Route: 0  
 217 Benchmark Elevation: 0000.00  
 218 Datum: 0  
 \* 19 Bypass Length: 01  
 \* 20 Toll: 3  
 \* 21 Maintenance: 01  
 \* 22 Owner: 01  
 \* 31 Design Load: 6  
 37 Historical Significance: 5  
 205 Congressional District: 03  
 27 Year Constructed: 1995  
 106 Year Reconstructed: 0000  
 33 Bridge Median: 1  
 34 Skew: 00  
 35 Structure Flared: 0  
 38 Navigation Control: 0  
 213 Special Steel Design: 0  
 267 Type of Paint: 0  
 \* 42 Type of Service on: 1  
 5  
 214 Movable Bridge: 0  
 203 Type Bridge: D-O-O-O  
 259 Pile Encasement: 3  
 \* 43 Structure Type Main: 1 04  
 45 No. Spans Main: 004  
 44 Structure Type Appr: 0 00  
 46 No. Spans Appr: 0000  
 226 Bridge Curve Horz: 1 Vert: 1  
 111 Pier Protection: 0  
 107 Deck Structure Type: 2  
 108 Wearing Surface Type: 1  
 Mc 0  
 F 0  
 225 Expansion Joint Type: 02  
 242 Deck Drains: 1  
 243 Parapet Location: 0  
 Height: 0.00  
 Width: 0.00  
 238 Curb: 0.00 0  
 239 Handrail: 9 9  
 \* 240 Median Barrier Rail: 0  
 241 Bridge Median Height: 0.00  
 Width: 0.00  
 \* 230 Guardrail Loc Dir Rear: 6  
 Fwr: 6  
 Oppo Dir Rear: 0  
 Fwr: 0  
 244 Approach Slab: 3  
 224 Retaining Wall: 0  
 233 Posted Speed Limit: 70  
 236 Warning Sign: 0  
 234 Delineator: 1  
 235 Hazard Boards: 0  
 237 Utilities Gas: 00  
 W 00  
 Ele: 00  
 Telephone: 00  
 Se: 00  
 247 Lighting Street: 0  
 Navigtion: 0  
 Aerial: 0  
 \* 248 County Continuity No.: 00

# BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 153-0097-0

Houston

SUFF. RATING

93.96

## Programming Data

201 Project No.: ERN-75-1 (242)  
 202 Plans Available: 3  
 249 Prop. Proj. No. 0000000000000000  
 250 Approval Status: 0000  
 251 P.I. No.: 0000000  
 252 Contract Date: 02/01/1901  
 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: 080700 Year: 2022

## Measurements

\* 29 ADT: 053800 Year: 2002  
 109 % Trucks: 24  
 \* 28 Lanes On: 03 Under: 00  
 210 No. Tracks On: 00 Under: 00  
 \* 48 Max. Span Length: 0040  
 \* 49 Structure Length: 160  
 51 Br. Rwdy. Width: 60.00  
 52 Deck Width: 63.30  
 \* 47 Tot. Horz. Cl: 60.00  
 50 Curb/Sdewlk Width: 0.00/0.00  
 32 Approach Rdwy Width: 058  
 \* 229 Shoulder Width:  
     Rear Lt: 11.00 Type: 2 Rt: 11.00  
     Fwrd Lt: 11.00 Type: 2 Rt: 11.00  
     Pavement Width:  
         Rear: 36.00 Type: 3  
         Fwrd: 36.00 Type: 3  
     Intersection Rear: 0 Fwrd: 0  
 36 Safety Features Br. Rail: 1  
     Transition: 1  
     App. G. Rail: 1  
     App. Rail End: 1  
 53 Minimum Cl.Over: 99 ' 99 "  
     Under: N 00 ' 00 "  
 \* 228 Min. Vertical Cl  
     Act. Odm Dir: 99 ' 99 "  
     Oppo. Dir: 99 ' 99 "  
     Posted Odm. Dir: 00 ' 00 "  
     Oppo. Dir: 00 ' 00 "  
 55 Lateral Undercl. Rt: N 99.90  
 56 Lateral Undercl. Lt: 0.00  
 \* 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: 8.10  
     Deck Thick Approach: 0.00  
 246 Overlay Thickness: 0.00  
 212 Year Last Painted: Sup: 0000 Sub: 0000

## Ratings

65 Inventory Rating Method: 2  
 63 Inventory Rating Method: 2  
 66 Inventory Type: 2 Rating: 36  
 64 Operating Type: 2 Rating: 60  
 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: 22  
 262 H Operating Rating: 43  
 67 Structural Evaluation: 7  
 58 Deck Condition: 7  
 59 Superstructure Condition: 8  
 \* 227 Collision Damage: 0  
 60A Substructure Condition: 7  
 60B Scour Condition: 8  
 60C Underwater Condition: N  
 71 Waterway Adequacy: 8  
 61 Channel Protection Cond: 8  
 68 Deck Geometry: 8  
 69 UnderClr. Horz/Vert: N  
 72 Appr. Alignment: 8  
 62 Culvert: N

## Hydraulic Data

215 Waterway Data  
     Highwater Elev.: 0322.0 Year: 1994  
     Avg. Streambed Elev.: 0000.0 Freq.: 00  
     Drainage Area: 00091  
     Area Of Opening: 000000  
 113 Scour Critical: 5  
 216 Water Depth: 01.9 Br. Height: 15.3  
 222 Slope Protection: 3  
 221 Spur Dikes Rear: 0 Fwrd: 0  
 219 Fender System: 0  
 220 Dolphin: 0  
 223 Culvert Cover: 000  
     Type: 0  
     No. Barrels: 0  
     Width: 0.00 Height: 0.00  
     Length: 0 Apron: 0  
 \* 265 U/W Insp. Area: 0 Diver: ZZZ  
 \* Location I.D. No.: 153-00401D-140.55N

## 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  
     Type3s2: 00  
     Timber: 00  
     Piggyback: 00  
 253 Notification Date 02/01/1901  
 253 Fed Notify Date: 02/01/1901 0



## PAVEMENT EVALUATION SUMMARY

For  
**NHS-M003-00(242) Houston / Peach Counties**  
**P.I. No. M003242**  
**SR 401 / I-75 from SR 26 to SR 96**

### ***1. LOCATION / DESCRIPTION***

This project is for the reconstruction and resurfacing of SR 401 / I-75 from SR 26 in Houston to SR 96 in Houston and Peach Counties.

The existing pavement on SR 401 / I-75 consists of six 12-foot wide travel lanes separated by a grass median. The outside and inside asphalt paved shoulders are respectively 10 feet and 11 feet wide. The existing pavement structure in lane 1 consists of a full-depth asphalt concrete over GAB. The existing structure of the lanes 2 and 3 is a composite pavement, which consists of variable thickness asphaltic concrete over Portland Cement Concrete.

### ***2. PAVEMENT CONDITION SUMMARY***

The asphalt concrete pavement is in fair condition throughout the project. In lane 2 and lane 3 the asphalt at the PCC interface is deteriorated. It was never milled in resurfacing projects so as not to disturb the pavement fabric at the PCC joints.

### ***3. FULL-DEPTH SECTIONS***

The following full-depth pavement structural designs are recommended for the inside and outside shoulders. No full-depth design is being submitted for the travel lanes. The designs are based on traffic volumes and truck percentages that were submitted by the Office of Environment and Location.

The outside shoulder should be reconstructed full-depth for use as future lane.

#### **Full Depth Section: -Inside Shoulder**

<b>Pay Item Number</b>	<b>Material</b>	<b>Course</b>	<b>Thickness (Spread Rate)</b>	<b>Design Levels</b>
402-3130	12.5 mm Superpave	Surface	1.5 inches (165 lbs/yd <sup>2</sup> )	A
402-3190	19 mm Superpave	Binder	2 inches (220 lbs/yd <sup>2</sup> )	A
402-3121	25 mm Superpave	Binder	3 inches (330 lbs/yd <sup>2</sup> )	A
310-5080	Graded Aggregate Base	Base	8 (N/A)	N/A

**Full Depth Section: - Outside Shoulder / Future Lane**

Pay Item Number	Material	Course	Thickness (Spread Rate)	Design Levels
402-3130	12.5 mm Superpave	Surface	1.5 inches (165 lbs/yd <sup>2</sup> )	A
402-3190	19 mm Superpave	Binder	2 inches (220 lbs/yd <sup>2</sup> )	D
402-3121	25 mm Superpave	Binder	11 inches (330 lbs/yd <sup>2</sup> )	C
310-5120	Graded Aggregate Base	Base	12 (N/A)	N/A

**4. OVERLAY SECTIONS**

Lane 1 should also be milled 2 inches to remove the observed raveling and rutting. The existing asphalt pavement in lanes 2 and 3 should be milled down to the PCC pavement to remove the deteriorated asphalt layer. The following overlay designs are recommended for use on I-75 / SR 401.

**Overlay Section: Lane 1**

Pay Item Number	Material	Course	Thickness (Spread Rate)	Design Levels
400-3624	PEM	Surface	1.25 inches 135 lb/ yd <sup>2</sup>	N/A
400-3130	12.5 mm SMA	Surface	1.5 inches (165 lbs/yd <sup>2</sup> )	N/A
402-3190	19 mm Superpave	Binder	2 inches (220 lbs/yd <sup>2</sup> )	D

**Overlay Section: Lanes 2 and 3**

Pay Item Number	Material	Course	Thickness (Spread Rate)	Design Levels
400-3624	PEM	Surface	1.25 inches 135 lb/ yd <sup>2</sup>	N/A
400-3130	12.5 mm SMA	Surface	1.5 inches (165 lbs/yd <sup>2</sup> )	N/A
402-3190	19 mm Superpave	Binder	2 inches (220 lbs/yd <sup>2</sup> )	D
402-3121	25 mm Superpave	Binder	5 inches (550 lbs/yd <sup>2</sup> )	C

## 5. PAVEMENT DISTRESSES

Except for the following, no other distresses were encountered during the investigation of this project:

**Rutting** Rutting averaged  $\frac{1}{8}$  inch in lane 1 throughout the entire project.

Rutting averaged  $\frac{1}{4}$  inch in lanes 2 and 3 throughout the entire project.

**Reflection Cracking** Levels 2 and 3 reflection cracking was observed in lanes 2 and 3.

**Raveling** Raveling of the surface mix was observed in all lanes throughout the project.

**Loss of Section** Loss of section was observed in the outside shoulder between Milepost 126 and 129 in the southbound direction.

## 6. CORES

Cores were recovered from 47 locations on this project to determine the thickness of the existing pavement sections. The results of this work are attached. No laboratory testing was conducted on the core samples.

## 7. COPACES

In 2004, the average Co-PACES rating for SR 401 / I-75 in Houston County was 76, while in Peach County it was 73.

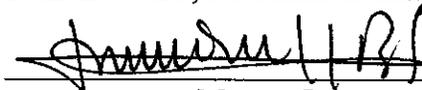
## 8. OTHER

The proposed pavement structures are required to carry the anticipated traffic loadings. These structures will require raising the existing profile grade by approximately  $2 \frac{1}{4}$  inches, which means if the existing grade is maintained, the pavement will be underdesigned.

The project manager has been advised of this fact. At his direction, vertical clearances are being looked into, and will be presented to the Project Team for consideration.

**Reported By:** Patrick Werho, Pavement Evaluation Engineer

**Reviewed By:**

 11/23/05

Moussa Issa

**FLEXIBLE PAVEMENT DESIGN ANALYSIS**

Preliminary

Preliminary

**Project:** NHS-M003-00 (242)

**County:** Houston / Peach

**P.I. no.:** M003242

**Description:** I-75 / SR 401 from SR 26 to SR 96 Resurface and Maintenance

**Traffic Data** (NOTE: AADTs are one-way)

24-hour Truck Percentage: 33.00%

AADT initial year of design period: 33,000 vpd (2009)

AADT final year of design period: 49,080 vpd (2029)

Mean AADT (one-way): 41,040 vpd

**Design Loading**

Mean AADT		LDL		Trucks		18-K ESAL		Total Daily Loads
41,040	*	0.70	*	0.330	*	1.43	=	13,558

Total predicted design period loading = 13558 \* 20 \* 365 = 98,973,400

**Design Data**

Terminal Serviceability Index: 2.50

Soil Support: 3.00

Regional Factor: 1.50

**PROPOSED FLEXIBLE PAVEMENT STRUCTURE**

Material	Thickness		Structural Coefficient	Structural Value
	Inches	(mm)		
12.5 mm Superpave	1.50	(38)	0.44	0.66
19 mm Superpave	2.00	(51)	0.44	0.88
25 mm Superpave	1.00	(25)	0.44	0.44
	10.00	(254)	0.30	3.00
Graded Aggregate Base	12.00	(305)	0.16	1.92

Required SN = 7.83

Proposed SN = 6.90

>>> Proposed pavement is 11.8% Underdesign <<<

**Remarks:** Full Depth GAB- Outside Shoulder as future travel lane

**Prepared by** Moussa Issa **November 4, 2005**  
**Date**

**Recommended** \_\_\_\_\_  
**Office Head or District Engineer** **Date**

**Approved** \_\_\_\_\_  
**State Pavement Engineer** **Date**

Preliminary

Preliminary

**Project:** NHS-M003-00 (242)

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Mean AADT (one-way): 41,040 vpd

**Design Loading**

Mean AADT		LDL		Trucks		18-K ESAL		Total Daily Loads
41,040	*	0.70	*	0.330	*	1.43	=	13,558

Total predicted design period loading = 13558 \* 20 \* 365 = 98,973,400

**Design Data**

Terminal Serviceability Index: 2.50

Soil Support: 3.00

Regional Factor: 1.50

**PROPOSED FLEXIBLE PAVEMENT STRUCTURE**

Material	Thickness Inches	(mm)	Structural Coefficient	Structural Value
<b>*** OVERLAY ***</b>				
12.5 mm SMA	1.50	(38)	0.44	0.66
19 mm Superpave	2.00	(51)	0.44	0.88
25 mm Superpave	1.00	(25)	0.44	0.44
	4.00	(102)	0.30	1.20
<b>*** EXISTING PAVEMENT ***</b>				
Portland Cement Concrete (fair)	10.00	(254)	0.30	3.00
Graded Aggregate Base	5.00	(127)	0.16	0.80
Required SN = 7.83			Proposed SN = 6.98	

>>> Proposed pavement is 10.8% Underdesign <<<

**Remarks:** Mill to PCC then Overlay - Lanes 2 and 3

Prepared by Moussa Issa November 4, 2005  
Date

Recommended Office Head or District Engineer Date

Approved State Pavement Engineer Date

Preliminary

**FLEXIBLE PAVEMENT DESIGN ANALYSIS**

Preliminary

Project: NHS-M003-00 (242)

County: Houston / Peach

P.I. no.: M003242

Description: I-75 / SR 401 from SR 26 to SR 96 Resurface and Maintenance

**Traffic Data** (NOTE: AADTs are one-way)

24-hour Truck Percentage: 33.00%

AADT initial year of design period: 33,000 vpd (2009)

AADT final year of design period: 49,080 vpd (2029)

Mean AADT (one-way): 41,040 vpd

**Design Loading**

Mean AADT		LDF		Trucks		18-K ESAL		Total Daily Loads
41,040	*	0.20	*	0.330	*	1.43	=	3,874

Total predicted design period loading = 3874 \* 20 \* 365 = 28,280,200

**Design Data**

Terminal Serviceability Index: 2.50

Soil Support: 3.00

Regional Factor: 1.50

**PROPOSED FLEXIBLE PAVEMENT STRUCTURE**

Material	Thickness		Structural Coefficient	Structural Value
	Inches	(mm)		
<b>*** OVERLAY ***</b>				
12.5 mm SMA	1.50	(38)	0.44	0.66
19 mm Superpave	2.00	(51)	0.44	0.88
<b>*** EXISTING PAVEMENT ***</b>				
Asphaltic Concrete	5.50	(140)	0.44	2.42
Graded Aggregate Base	12.00	(305)	0.16	1.92

Required SN = 6.69

Proposed SN = 5.88

>> Proposed pavement is 12.1% Underdesign <<<

Remarks: Mill 2" then Overlay - Lanes 1

Prepared by Moussa Issa November 4, 2005  
Date

Recommended Office Head or District Engineer Date

Approved State Pavement Engineer Date

Preliminary

Preliminary

Core Chart: I-75 SR/401 from SR 26 to SR 96

Core Number	Direction	Location	Pavement Structure	Remarks
26	Northbound	Lane 3 MP 129	6 1/4 inches Asphaltic concrete Over 10 PCC	
27	Northbound	Lane 3 MP 130	6 inches Asphaltic concrete Over 10 PCC	
28	Northbound	Lane 3 MP 131	6 1/2 inches Asphaltic concrete Over 10 PCC	
29	Northbound	Lane 3 MP 132	6 1/2 inches Asphaltic concrete Over 10 PCC	
30	Northbound	Lane 3 MP 132	6 1/2 inches Asphaltic concrete Over 10 PCC	
31	Northbound	Lane 3 MP 132	7 inches Asphaltic concrete Over 10 PCC	
40	Southbound	Lane 1 MP 138	8 1/2 inches Asphaltic concrete Over GAB	
41	Southbound	Lane 2 MP 138	8 1/2 inches Asphaltic concrete Over 10 PCC	
42	Southbound	Inside Shoulder MP 138	8 inches Asphaltic concrete Over GAB	
43	Southbound	Lane 1 MP 137	7 1/2 inches Asphaltic concrete Over GAB	
44	Southbound	Lane 1 & 2 Joint MP 137	Lane 1: 9 1/4 inches Asphaltic concrete Over GAB Lane 2: 9 1/4 inches Asphaltic concrete Over 10 inches PCC	
45	Southbound	Lane 1 MP 136	9 1/8 inches Asphaltic concrete Over GAB	
46	Southbound	Lane 2 MP 136	9 1/4 inches Asphaltic concrete Over 10 PCC	
47	Southbound	Lane 1 MP 135	8 inches Asphaltic concrete Over GAB	
48	Southbound	Lane 2 MP 137	8 inches Asphaltic concrete Over 10 PCC	
49	Southbound	Lane 1 MP 134	8 inches Asphaltic concrete Over GAB	
50	Northbound	Lane 2 MP 127	6 1/2 inches Asphaltic concrete Over 10 PCC	
51	Northbound	Lane 1 MP 127	8 1/2 inches Asphaltic concrete Over GAB	
52	Northbound	Lane 2 MP 128	7 1/4 inches Asphaltic concrete Over 10 PCC	
53	Northbound	Lane 2 MP 129	7 1/4 inches Asphaltic concrete Over 10 PCC	
54	Northbound	Lane 2 MP 130	7 1/4 inches Asphaltic concrete Over 10 PCC	
55	Northbound	Inside Shoulder MP 130	8 1/4 inches Asphaltic concrete Over GAB	

Core Chart: I-75 SR/401 from SR 26 to SR 96

Core Number	Direction	Location	Pavement Structure	Remarks
1	Southbound	Lane 3 MP 141.5	5 ½ inches Asphaltic concrete Over 10 PCC	
2	Southbound	Lane 3 MP 141.5	4 ¾ inches Asphaltic concrete Over 10 PCC	
3	Southbound	Lane 3 MP 141.9	5 ¾ inches Asphaltic concrete Over 10 PCC	
4	Southbound	Lane 3 MP 141.9	5 ¾ inches Asphaltic concrete Over 10 PCC	
5	Southbound	Lane 3 MP 140	5 ¾ inches Asphaltic concrete Over 10 PCC	
6	Southbound	Outside Shoulder MP 140	5 ¾ inches Asphaltic concrete Over Clay	
7	Southbound	Lane 3 MP 140.7	6 ¼ inches Asphaltic concrete Over 10 PCC	
8	Southbound	Lane 3 MP 139	6 ¼ inches Asphaltic concrete Over 10 PCC	
9	Southbound	Outside Shoulder MP 139.2	6 ½ inches Asphaltic concrete Over Clay	
10	Southbound	Lane 3 MP 138	7 inches Asphaltic concrete Over 10 PCC	
11	Southbound	Lane 3 MP 137	7 inches Asphaltic concrete Over 10 PCC	
12	Southbound	Lane 3 MP 136.1	6 ½ inches Asphaltic concrete Over 10 PCC	
13	Southbound	Lane 3 MP 135	5 ¾ inches Asphaltic concrete Over 10 PCC	
14	Southbound	Lane 3 MP 134	7 ⅝ inches Asphaltic concrete Over 10 PCC	
15	Southbound	Lane 3 MP 133	6 ⅛ inches Asphaltic concrete Over 10 PCC	
16	Southbound	Outside Shoulder MP 132	6 inches Asphaltic concrete Over Clay	
17	Southbound	Lane 3 MP 131	6 ¼ inches Asphaltic concrete Over 10 PCC	
18	Southbound	Lane 3 MP 130	6 ½ inches Asphaltic concrete Over 10 PCC	
19	Southbound	Lane 3 MP 129	5 ¾ inches Asphaltic concrete Over 10 PCC	
20	Southbound	Lane 3 MP 128	6 ¾ inches Asphaltic concrete Over 10 PCC	
21	Southbound	Lane 3 MP 134	7 ⅝ inches Asphaltic concrete Over 10 PCC	
22	Southbound	Outside Shoulder MP 127	5 ½ inches Asphaltic concrete Over Soil Aggregate	
23	Northbound	Outside Shoulder MP 127	6 ½ inches Asphaltic concrete Over Clay	
24	Northbound	Lane 3 MP 127	6 inches Asphaltic concrete Over 10 PCC	
25	Southbound	Lane 3 MP 128	6 ½ inches Asphaltic concrete Over 10 PCC	

# Department of Transportation State of Georgia

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## INTERDEPARTMENT CORRESPONDENCE

**FILE** CSNHS- M003-00(242) **OFFICE** Environment/ Location  
Houston, Peach Counties  
P.I. # M003242

**DATE** June 21, 2005

**FROM** Harvey D. Keepler, State Environment/Location Engineer

**TO** Brent Story, Transportation Engineering Administrator for the Office of Road and Airport Design.  
**Attn.** Andy Casey, P.E., Design Group Manager

**SUBJECT** Estimated Traffic Assignments for I-75/SR 401 from SR 26/HOUSTON to SR 96/PEACH.

We are furnishing estimated traffic assignments for the above project as follows:

Traffic Count #	Beg Mile-End Mile	Existing 2004 ADT	2009 ADT	2029 ADT	D	K	T	24 HR. T	S.U.	COMB.
153 - 0196	00.00 - 03.20	46700	53100	78900	60%	11%	26%	33%	5%	28%
153 - 0198	03.21 - 10.06	48400	55000	81800	60%	11%	26%	33%	5%	28%
153 - 0203	10.88 - 12.68	53500	60800	90400	60%	11%	15%	21%	7%	14%
153 - 0204	12.69 - 14.20	51100	58100	86300	60%	11%	15%	21%	7%	14%
153 - 0205 = 225 - 0105	14.21 - 16.89 00.00 - 00.96	52400	59600	88500	60%	11%	18%	24%	5%	19%

If you have any questions concerning this information please contact Rhonda Niles @ 404-699-4460.

NOTE: Rates are per 100 Million Vehicle Miles

RATE CALCULATION 2000

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2000	Houston	1	40100	3	3.25	39,000	0.25	9,750
2000	Houston	1	40100	3.25	10.98	39,500	7.73	305,335
2000	Houston	1	40100	10.98	12.8	41,900	1.82	76,258
2000	Houston	1	40100	12.8	14.33	43,200	1.53	66,096
2000	Houston	1	40100	14.33	16.89	50,200	2.56	128,512
2000	Peach	1	40100	0	1.02	50,200	1.02	51,204
2000	Peach	1	40100	1.02	1.4	51,400	0.38	19,532

Total Vehicle Miles: 656,687	Total Accidents: 162	Accident Rate: 68
Average ADT: 42,949	Total Injuries: 99	Injury Rate: 41
Length in Miles: 15.29	Total Fatalities: 4	Fatality Rate: 1.67

NOTE: Rates are per 100 Million Vehicle Miles

RATE CALCULATION 2001

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2001	Houston	1	40100	3	3.25	44,900	0.25	11,225
2001	Houston	1	40100	3.25	10.98	57,200	7.73	442,156
2001	Houston	1	40100	10.98	12.8	41,500	1.82	75,530
2001	Houston	1	40100	12.8	14.33	49,300	1.53	75,429
2001	Houston	1	40100	14.33	16.89	52,700	2.56	134,912
2001	Peach	1	40100	0	1.02	52,700	1.02	53,754
2001	Peach	1	40100	1.02	1.4	53,900	0.38	20,482

Total Vehicle Miles: 813,488	Total Accidents: 175	Accident Rate: 59
Average ADT: 53,204	Total Injuries: 128	Injury Rate: 43
Length in Miles: 15.29	Total Fatalities: 2	Fatality Rate: 0.67

NOTE: Rates are per 100 Million Vehicle Miles

RATE CALCULATION 2002

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2002	Houston	1	40100	3	3.25	44,800	0.25	11,200
2002	Houston	1	40100	3.25	10.98	57,100	7.73	441,383
2002	Houston	1	40100	10.98	12.8	42,300	1.82	76,986
2002	Houston	1	40100	12.8	14.33	50,300	1.53	76,959
2002	Houston	1	40100	14.33	16.89	53,800	2.56	137,728

2002	Peach	1	40100	0	1.02	53,800	1.02	54,876
2002	Peach	1	40100	1.02	1.4	55,000	0.38	20,900

Total Vehicle Miles: 820,032	Total Accidents: 194	Accident Rate: 65
Average ADT: 53,632	Total Injuries: 112	Injury Rate: 37
Length in Miles: 15.29	Total Fatalities: 7	Fatality Rate: 2.34

NOTE: Rates are per 100 Million Vehicle Miles

RATE CALCULATION 2003

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2003	Houston	1	40100	3	3.21	44,800	0.21	9,408
2003	Houston	1	40100	3.21	10.88	57,100	7.67	437,957
2003	Houston	1	40100	10.88	12.69	42,300	1.81	76,563
2003	Houston	1	40100	12.69	14.21	50,300	1.52	76,456
2003	Houston	1	40100	14.21	16.89	53,800	2.68	144,184
2003	Peach	1	40100	0	0.97	53,800	0.97	52,186
2003	Peach	1	40100	0.97	1.4	55,000	0.43	23,650

Total Vehicle Miles: 820,404	Total Accidents: 185	Accident Rate: 62
Average ADT: 53,656	Total Injuries: 110	Injury Rate: 37
Length in Miles: 15.29	Total Fatalities: 6	Fatality Rate: 2.00

NOTE: Rates are per 100 Million Vehicle Miles

RATE CALCULATION 2004

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2004	Houston	1	40100	3	3.21	45,170	0.21	9,486
2004	Houston	1	40100	3.21	10.88	46,250	7.67	354,738
2004	Houston	1	40100	10.88	12.69	45,890	1.81	83,061
2004	Houston	1	40100	12.69	14.21	53,030	1.52	80,606
2004	Houston	1	40100	14.21	16.89	60,140	2.68	161,175
2004	Peach	1	40100	0	0.97	60,140	0.97	58,336
2004	Peach	1	40100	0.97	1.4	62,130	0.43	26,716

Total Vehicle Miles: 774,117	Total Accidents: 197	Accident Rate: 70
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Average ADT: 50,629	Total Injuries: 88	Injury Rate: 31
Length in Miles: 15.29	Total Fatalities: 3	Fatality Rate: 1.06

NOTE: Rates are per 100 Million Vehicle Miles

January 31, 2006

**Thompson Engineering, Inc.**  
**1200 Abernathy Road, Suite 1700**  
**Atlanta, GA 30328**  
**770-350-2677**

***MEETING MINUTES***

**Initial Concept Team Meeting**

**Task Order # 9**

**CSNHS-M003-00(242), Houston/Peach Counties**

**P.I. No. M003242**

**I-75 Maintenance from SR 26 to SR 96**

**Date: January 17, 2006**

**Location: District Three, Area Three Office, Perry, GA**

**Attendees: See list of attendees on separate file.**

**Introduction**

GDOT Project Manager, Andy Casey, called the meeting to order at 10:00 am and asked attendees to introduce themselves. He then gave a brief summary of the project scope. Mr. Casey turned the presentation of the concept report over to Thompson Engineering and to Mulkey Engineers for a more detailed explanation of the project scope.

**Presentation of Scope and Concept Report**

Mike Patrick and Jeff Middlebrooks with Thompson Engineering and Heather Colston with Mulkey Engineers presented the following information:

1. Mike Patrick presented a background history of the project since its initial construction in the early 1960's, the adding of lanes in the median in the mid 1990's, and now the need for additional upgrades and maintenance. He also explained in detail the proposed pavement sections as designed by the Office of Materials and Research.

2. Jeff Middlebrooks presented the typical sections for the preferred alternate and for two additional alternates. He then discussed the MOT typical sections, explaining the construction staging, emphasizing that two lanes will always be open in both directions.
3. Heather Colston gave an update of the environmental process for the project. She stated that the Ecology Report had been approved, but that a CE could not be approved until GDOT approves the Concept Report. *She also stated that the cultural resources “No Potential to Cause Effects” memo had not yet been approved, and that she is in contact with OEL to expedite the process to the extent possible.*

### **Discussion Items**

After the presentation of the scope and concept report, Mr. Casey and Mr. Patrick called for discussion from attendees. The following items were raised/suggested/discussed:

1. District Three personnel requested that, rather than replacing the asphalt sections of the ramps, all ramps be reconstructed/replaced with concrete with full depth shoulders and that the typical section be a 16' lane with a 10' outside shoulder and either a 6' or 4' inside shoulder. Andy Casey stated he would check to see what typical section is currently being used for ramp improvements. It was agreed that the concept report would be revised accordingly.
2. Andy Casey suggested that the outside shoulders on the I-75 mainline, currently planned to be replaced with a 12' shoulder with 10' full depth asphalt pavement, be widened to a 14' shoulder with 12' full depth asphalt pavement. There was discussion that the sections under overpasses will not allow for a 12' paved shoulder surface. It was agreed to taper in the paved shoulder at these locations and revise the concept report to reflect these changes.
3. The pavement design for the I-75 mainline, prepared by the Office of Materials and Research, raises the profile grade more than 2 inches. This does not cause a clearance issue at the bridges, but may create the need to raise median inlets. Thompson Engineering said they would look at this during design and show needed adjustments to the median inlets. The other issue created by raising the profile grade is the transition at both ends of the project. David Millen, District Three Preconstruction Engineer, asked that the full section be carried through the project length and feathered down to grade beyond each end of the project. The plans will reflect this in the construction limits and quantities.
4. Lamar Pruitt, District Three Construction Engineer, stated that there may be a need for some concrete slab rehab/replacement on the original concrete lanes prior to overlaying with asphalt. It was agreed that there was no way to know how much rehab/replacement would be needed until the asphalt was milled off, but that there is a need to include a pay item and conservative quantity for this item. He also said the plans should include a special provision that GDOT has used in the past that provides language for measuring of and payment for overruns for this

- item(s). Mr. Pruitt reminded Thompson Engineering to include a quantity and pay item for filter fabric between the concrete and the asphalt.
5. Thompson Engineering stated that replacement of the outside shoulders to full depth would likely demolish any existing perforated under drain and wanted to know if GDOT wanted it replaced. Lamar Pruitt asked that we include a quantity and pay item for under drain, stating that the district has had to get a supplemental for this item on projects that did not include it.
  6. District Three personnel suggested that the plans include provisions for *ITS features including conduit, fiber optic cable, CCTV, CMS, pull boxes, and strain poles*. It was agreed that GDOT/Thompson Engineering would contact TMC personnel about this and follow their recommendations.
  7. During discussion, Thompson Engineering mentioned that existing guardrail on the project would be replaced and that there would be a note on the plans directing the Contractor to deliver the rail to the district to an address to be provided by the district.
  8. Thompson Engineering stated that the project includes vegetation clearing. District personnel said that the plans should include both a rural and urban detail for clearing.
  9. Thompson Engineering asked about replacement of signs. District personnel stated that signs probably would not need to be replaced, but that there needs to be a pay item and quantity for resetting signs.
  10. Clinton Ford, Area Three Engineer, raised the issue about the MOT typical sections showing an 11' lane and a 1' buffer on the outside lane. He stated that he believed this would be a problem at the underpasses. Thompson Engineering stated they could revise the typicals to provide a 5' buffer on the outside.
  11. Thompson Engineering requested to submit Erosion Control plans and MOT plans at a scale of 1" = 100'. It was agreed that Erosion Control plans could be submitted at that scale, but that plan sheets would not be necessary for MOT. It was agreed that MOT could be typical sections by stage along with details for transitions between stages and at the ramps.
  12. Thompson Engineering stated that they would revise the concept report and submit the revised report to Andy Casey the week of January 23-27. Mr. Casey stated that he would review the report, and after any needed additional revisions are completed, he would email the revised concept report to the attendees for comment.

## **Adjournment**

After discussion was complete, Andy Casey adjourned the meeting at 11:15 am.

