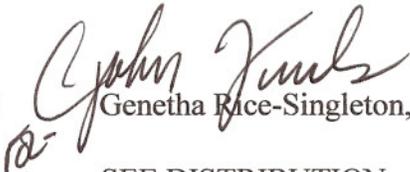


DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0008234, Gwinnett County **OFFICE** Preconstruction
CSNHS-0008-00(234)
I-85 NB Lane Extension from I-985 to SR 20 **DATE** January 5, 2007

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

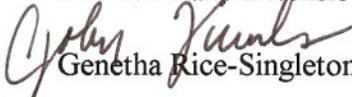
DISTRIBUTION:

Brian Summers
Harvey Keeper
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
Paul Liles
Russell McMurry
Ben Buchan
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0008234, Gwinnett County **OFFICE:** Preconstruction
CSNHS-0008-00(234)
I-85 NB Lane Extension from I-985 to SR 20 **DATE:** October 19, 2006

FROM:  Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This project is the I-85 northbound lane extension from I-985 to SR 20 for a total of 1.46 miles. This section of I-85 northbound has a lane drop from 3 lanes to 2 lanes from just north of the I-85/985 interchange. Destinations for most commuters along I-85 northbound, north of the I-85/985, include major east-west arterials such as SR 20, SR 211, SR 53, and US 129, which provide direct access to places such as the Mall of Georgia, Gainesville, and Lake Sidney Lanier. The residential growth in the area and the lack of necessary capacity, coupled with the drop of the I-85 northbound lanes from 3 to 2, has contributed to the congestion and unsafe operation of this section of the interstate.

Peak hour traffic volumes have increased to capacity along this section of I-85 northbound. The existing p.m. level of service (LOS) is "F." The p.m. peak hour vehicular queue has been observed to backup as far as the I-985 interchange. With the anticipated growth in traffic through the design year, this queue will continue to grow. The northbound p.m. peak hour demand is estimated to increase by approximately 3,700 vehicles by the design year 2028. Since the existing two northbound lanes are carrying the maximum number of vehicles in the p.m. peak hour, these additional vehicles will extend the duration and length of the existing queue. Even with these additional vehicles spread over four northbound lanes (south of I-985), the existing queue could grow by more than 3 miles. This queue would not only impact the I-985 interchange, it could affect the next upstream (SR 317) interchange. The existing p.m. LOS for the I-85 northbound off-ramp at SR 20 is also "F." The injury and fatality rates for this section in 2004 and 2003 were approximately 10% and 85% higher, respectively, than the statewide averages during those same years. The crash rate in 2003 was 8% higher than the statewide average during that year. While rates of crashes, injuries, and fatalities are lower than the statewide averages for the remaining years, these peak rates point to the need to improve roadway capacity to improve operations and safety and reduce crash potential.

The project will add one, 12' outside lane and one, 14' outside shoulder (12' paved, 2' unpaved) from approximately 0.3 mile north of the I-85/I-985 interchange to the northbound exit to SR 20. The proposed project will also add one, 14' inside shoulder (12' paved, 2' unpaved) from the I-85/I-985 interchange to approximately 0.3 mile north of the northbound exit to SR 20. The extension of this I-85 northbound lane will be an exit only lane for SR 20. In addition, the

P. I. No. 0008234, Gwinnett
October 19, 2006

proposed project will mill and overlay the existing outside lane from 0.2 mile south of the I-85/I-985 interchange to approximately 0.3 mile north of the interchange. Additionally, this project section will be designed and constructed not to preclude project MSL-0003-00(164, Gwinnett County. That project will provide HOV lanes between SR 316 and Hamilton Mill Road. Project NH-IM-85-2(164), Gwinnett County will provide SOV lanes between I-985 and Hamilton Mill Road, and project NH-IM-85-2(165), Gwinnett and Barrow Counties, will provide SOV lanes between Hamilton Mill Road and SR 211. The northbound lane extension project will be constructed over a period of approximately 12 months---currently scheduled from spring 2007 to spring 2008. The subsequent larger I-85 HOV/SOV project will likely be constructed in the 2011-2015 time frame.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing open house was held 8-3-06; time saving procedures are appropriate.

The estimated costs for this project are:

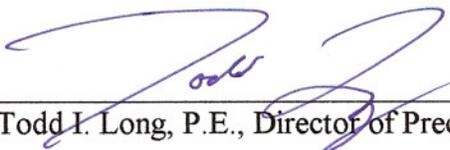
	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and infalction:	\$7,105,000	\$7,105,000	L050	2007
Right-of-Way	\$ 374,000	-----		
Utilities*	-0-			

This project will improve traffic operations and enhance safety along this portion of the I-85 corridor. I recommend this project concept be approved.

GRS:JDQ/cj

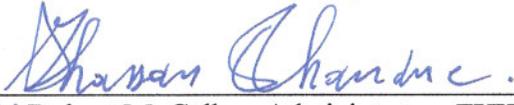
Attachment

CONCUR



Todd I. Long, P.E., Director of Preconstruction

APPROVE



For: Robert M. Callan, Administrator, FHWA

APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

OCT 23 2006

FILE: CSNHS-0008-00(234) Gwinnett
P.I. No. 0008234
I-85 widening/reconstruction

OFFICE: Engineering Services

DATE: October 20, 2006

FROM: Brian K. Summers, P.E., Project Review Engineer *REW*

TO: Genetha Rice Singleton, Assistant Director of Preconstruction

SUBJECT: REVISED CONCEPT REPORT

We have reviewed the Revised Concept Report submitted October 6, 2006 from Ben Buchan and have no comments:

The costs for this project are:

Construction	\$6,459,158
Inflation	\$0.00 -
E & C	\$645,916
Reimbursable Utilities	\$0.00
Right of Way	\$373,650

REW

c: Ben Buchan, attn.: Neal O'Brien

SCORING RESULTS AS PER MOG 2440-2

Project Number: CSNHS-0008-00(234)		County: Gwinnett		PI No.: 0008234	
Report Date: October 2, 2006		Concept By: DOT Office: Road Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input checked="" type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
<input type="checkbox"/> Minor		<input type="checkbox"/> Rural			
FOCUS AREAS	SCORE	RESULTS			
Presentation	100				
Judgement	100				
Environmental	100				
Right of Way	100				
Utility	100				
Constructability	100				
Schedule	100				

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

Project Number: CSNHS-0008-00(234)

County: Gwinnett

P. I. Number: 0008234

Federal Route Number: 85

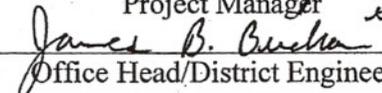
State Route Number: 403

Recommendation for approval:

DATE 10-2-06

DATE 10/2/06



Project Manager


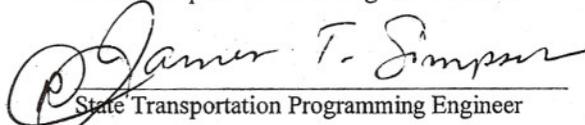
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 10/18/06



State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office of Urban Design

Project Number: CSNHS-0008-00(234)

County: Gwinnett

P. I. Number: 0008234

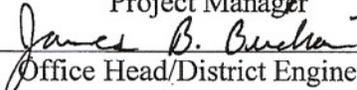
Federal Route Number: 85

State Route Number: 403

Recommendation for approval:

DATE 10-2-06

DATE 10/2/06


Project Manager

Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 10-9-06


State Traffic Operations Engineer

safety & design

DATE _____

District Engineer

DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office of Urban Design



Project Number: CSNHS-0008-00(234)

County: Gwinnett

P. I. Number: 0008234

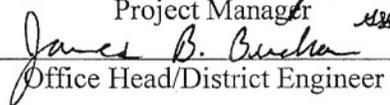
Federal Route Number: 85

State Route Number: 403

Recommendation for approval:

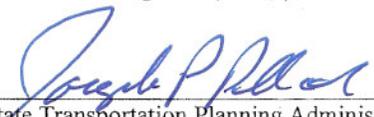
DATE 10-2-06

DATE 10/2/06


Project Manager

Office Head/District Engineer

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

DATE 10/10/06


State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer

NOTICE OF LOCATION AND DESIGN APPROVAL

**PROJECT: CSNHS-0008-00(234) Gwinnett County
P. I. NO. 0008234**

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 approval is: *JANUARY 5, 2006*

Project CSNHS-0008-00(234) Gwinnett County proposes the extension of the third travel lane and the widening of the outside shoulder to 14-foot (12-foot paved) of I-85 northbound from approximately 0.3 miles north of the I-85/I-985 interchange to SR 20 and the widening of the inside shoulder of I-85 northbound to 14-foot (12-foot paved) from the I-85/I-985 interchange to SR 20 in Gwinnett County.

Describe the proposed construction. The lane extension and shoulder will be built to the outside of the two existing travel lanes. The inside shoulder will be built in another stage to the inside of the two existing travel lanes. Traffic will be maintained on the existing roadway during the construction.

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:

Harold Mull
Harold.Mull@dot.state.ga.us
410 Hurricane Shoals Rd, NW
Lawrenceville, Georgia 30045
Telephone (770) 339-2308

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:

Neal O'Brien
Office of Urban Design
Neal.O'Brien@dot.state.ga.us
Georgia Department of Transportation
No. 2 Capitol Square, Room 356
Atlanta, Georgia 30334
Telephone (404) 656-5442

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.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office of Urban Design

Project Number: CSNHS-0008-00(234)

County: Gwinnett

P. I. Number: 0008234

Federal Route Number: 85

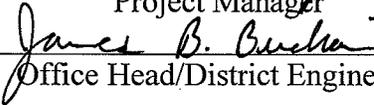
State Route Number: 403

Recommendation for approval:

DATE 10-2-06

DATE 10/2/06



Project Manager


Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

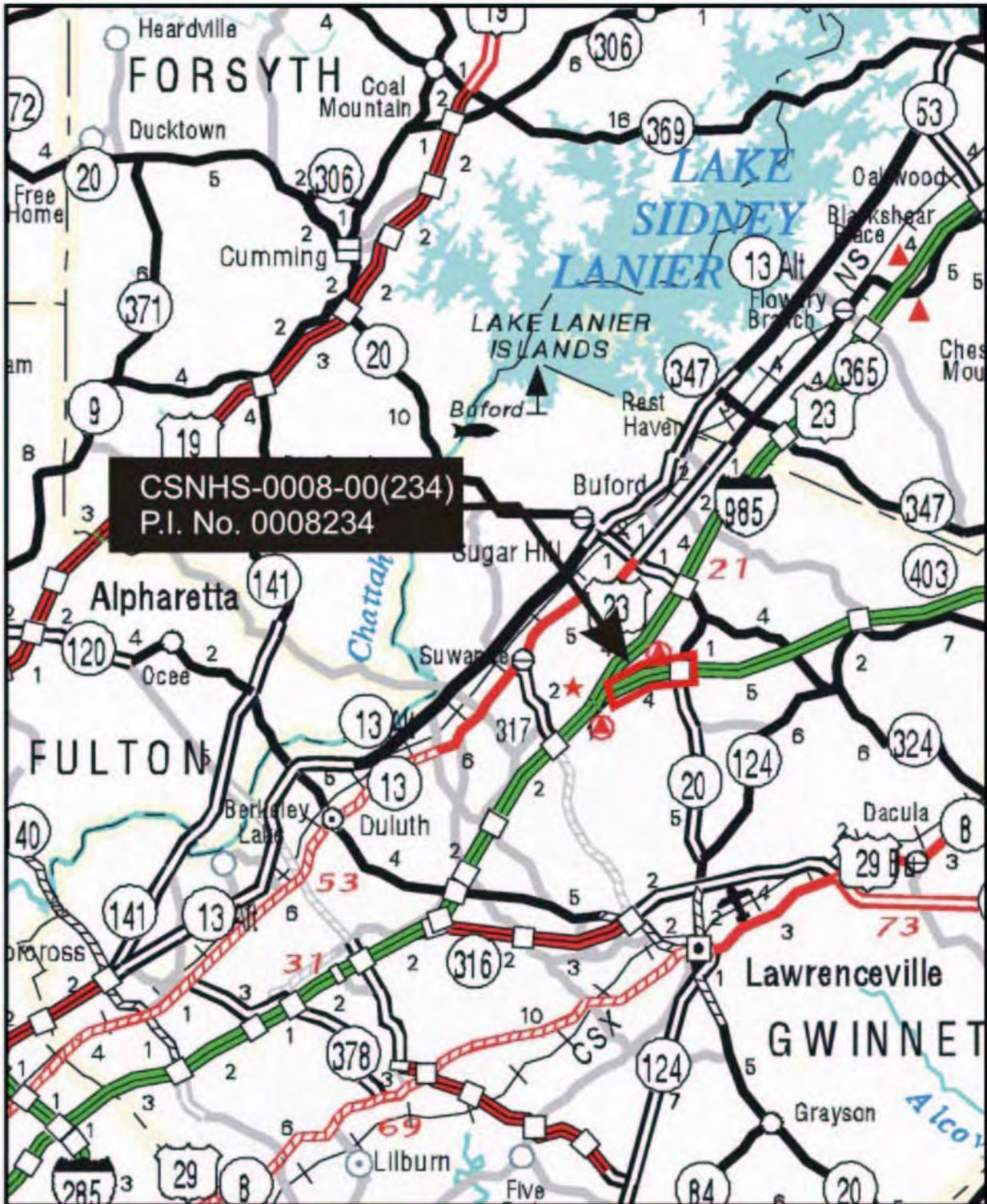
State Traffic Operations Engineer

DATE _____

District Engineer

DATE _____

Project Review Engineer



Project: CSNHS-0008-00(234) Gwinnett County **PI No.:** 0008234
Description: I-85 NB Lane Extension from I-985 to SR 20

Need and Purpose:

The need and purpose of this project is to improve traffic operations and to enhance safety in order to better serve the P.M. peak period along the I-85 corridor between the I-85/I-985 interchange and SR 20.

Background:

A feasibility study (Flex Auto Lane study) was performed as required by the Georgia General Assembly House Bill 273 of 2005 by the Georgia Department of Transportation (GDOT) to analyze traffic congestion reduction techniques in the Atlanta metropolitan region. The section of I-85 northbound between the I-85/I-985 interchange and SR 20 was identified in this study as one of the candidate corridor segments where existing emergency lanes/shoulders could physically accommodate through traffic. However, because of existing geometric deficiencies, which include a 3-lane section drop to a 2-lane section of I-85 northbound, 1,700 feet north of the I-85/I-985 interchange, and the high volume of traffic exiting SR 20 (see Table 1 on the following page), the Flex Auto Lane option was not considered viable at this location.

Traffic:

Destinations for most commuters along I-85 northbound, north of the I-85/I-985 interchange, include major east/west arterials such as SR 20, SR 211, SR 53, and US 129 which provide direct access to places like the Mall of Georgia, Gainesville and Lake Sidney Lanier. The I-85 northbound corridor serves residential, commercial, retail and out of state commuters. The residential growth in the area and lack of necessary capacity, coupled with the drop of the I-85 northbound lanes from 3 to 2, has contributed to the congestion and unsafe operation of this section of the Interstate. The proposed improvements would improve traffic operations during peak hour volumes and provide safety enhancements to this section of the Interstate to allow for traffic to flow by eliminating this bottleneck.

Ensuring efficient traffic flow along I-85, and in particular along this section of I-85 northbound, is essential due to the traffic volumes. Existing (2006) traffic volumes are expected to almost double over a 20-year design year period. Thirty-eight (38) percent of existing traffic northbound vehicles exit at the SR 20 off-ramp. The 24-hour truck percentage is twenty-five (25) percent. Existing (2006) traffic volumes, Build Year (2008) traffic volumes, Design Year (2028) and Design Year No-Build (2028) traffic volumes for this section of I-85 northbound are presented in Table 1 on the following page.

TABLE 1			
Existing, Build Year, Future Traffic Volumes for I-85 Northbound from Just North of I-85/I-985 to SR 20 ADT (vehicles per day – VPD)			
I-85 Northbound			
Existing (2006)	Build Year (2008)	Design Year (2028)	Design Year No-Build (2028)
NB	NB	NB	NB
52,000 vpd	64,000 vpd	95,000 vpd	70,000 vpd

Peak hour traffic volumes have increased to capacity along this section of I-85 northbound. The existing P.M. level of service (LOS) is “F.” The P.M. peak hour vehicular queue has been observed to backup as far as the I-985 interchange. With the anticipated growth in traffic through the design year, this queue will continue to grow. The northbound P.M. peak hour demand is estimated to increase by approximately 3,700 vehicles by the design year 2028. Since the existing two northbound lanes are carrying the maximum number of vehicles in the P.M. peak hour, these additional vehicles will extend the duration and length of the existing queue. Even with these additional vehicles spread over four northbound lanes (south of I-985), the existing queue could grow by more than three (3) miles. This queue would not only impact the I-985 interchange, it could even affect the next upstream (SR 317) interchange. The existing P.M. LOS for the I-85 northbound off-ramp at SR 20 is also “F.”

Additionally, this project section would be designed and constructed not to preclude Georgia project MSL-0003-00(164), Gwinnett County. That project would provide HOV lanes between SR 316 and Hamilton Mill Road. Georgia project NH-IM-85-2(164), Gwinnett County would provide SOV lanes between I-985 and Hamilton Mill Road, and Georgia project NH-IM-85-2(165), Gwinnett and Barrow Counties would provide SOV lanes between Hamilton Mill Road to SR 211. The northbound lane extension project would be constructed over a period of approximately 12 months – currently scheduled from spring 2007 to spring 2008. The subsequent larger I-85 HOV/SOV project would likely be constructed in the 2011-2015 time frame.

Crash Analysis:

The projected increase in traffic volumes has the potential to result in an increase in crashes and/or injuries along this section of the Interstate. A three-year history of crashes along this section of the Interstate is shown in Table 2 (on the following page). This table provides the number of crashes and crash rates; the number of injuries and injury rates; and the number of fatalities and fatality rates per unit per year for 2002 – 2004. For comparison, the statewide crash and injury rates for urban Interstate roads for 2002 – 2004 are provided in Table 3 (on the following page). All crash, injury, and fatality rates are per 100 million vehicle miles.

Year	Total Crashes/Crash Rate*	Total Injuries/Injury Rate*	Total Fatalities/Fatality Rate*
2002	127/167	32/42	0/0
2003	164/215**	45/59	1/1.31**
2004	139/173	57/71**	0/0

* All crash, injury, and fatality rates are per 100 million vehicle miles.

** Exceeds statewide average for that year.

Year	Crash Rate*	Injury Rate*	Fatality Rate*
2002	204	74	0.54
2003	200	70	0.71
2004	190	65	0.59

* All crash, injury, and fatality rates are per 100 million vehicle miles.

The most notable figures in Table 2 are the injury and fatality rates for this section of I-85 northbound. This section of I-85 northbound has a lane drop from 3 lanes to 2 lanes approximately 1,700 feet north of the I-85/I-985 interchange. The injury and fatality rates for this section in 2004 and 2003 were approximately 10% and 85% higher, respectively, than the statewide averages during those same years. The crash rate in 2003 was 8% higher than the statewide average during that year. While rate of crashes, injuries, and fatalities are lower than the statewide averages for the remaining years, these peak rates point to the need to improve roadway capacity to improve operations and safety and reduce crash potential.

Crash data are divided into eight category types: overturned, rear end, angle intersecting, head on, struck object, sideswipe same direction, sideswipe opposite direction, and other non-collision. Between 2002 – 2004, 220 rear end, 74 sideswipe same direction, 26 angle, and 110 non-collision (8 – deer, 15 – overturn or jackknife, 74 – fixed or non-fixed object, and 13 – ditch or embankment) crashes occurred along the proposed I-85 northbound project corridor. The 220 rear end crashes represent 51% of the total crashes. This high percentage of rear end crashes may be an indication of a need for an additional I-85 northbound lane to prevent an abrupt slowing and stopping of traffic at the lane drop in this particular section of I-85, especially during peak traffic volumes. Given the projected increases in traffic volumes (including truck traffic), crash rates are likely to increase. The proposed improvements to this section of I-85 are expected to reduce future crashes, which is a primary benefit of this project.

Logical Termini:

Termini for this project is logical because the southern end of the project begins where there is an existing lane drop and the northern end of the project ends at the SR 20 interchange exit, where there is a proportional exiting traffic volume.

Numerous commuters are served by the I-85 northbound corridor north of Atlanta for residential commutes as well as out of state commutes. In the future these commuters would be able to travel more efficiently through this section of I-85 particularly during P.M. peak hour volumes because of these safety and operational improvements.

Description of the proposed project: The proposed project would extend a third mainline lane along I-85 northbound approximately 1.46 miles, from where the 3rd lane currently drops 1,700 feet north of the I-85/I-985 interchange, to the I-85/SR 20 interchange. The project would add one 12-foot outside lane and one 14-foot outside shoulder (12' paved, 2' unpaved) from approximately 0.3 miles north of the I-85/I-985 interchange to the northbound exit to SR 20. The proposed project will also add one 14-foot inside shoulder (12' paved, 2' unpaved) from the I-85/I-985 interchange to approximately 0.3 miles north of the northbound exit to SR 20. The extension of this I-85 northbound lane would be an exit-only lane for SR 20. In addition, the proposed project would mill and overlay the existing outside lane from 0.2 miles south of the I-85/I-985 interchange to approximately 0.3 miles north of the interchange.

The proposed improvements would also have a LOS "F" for the 2008 build year and 2028 design year. However, benefits this project would provide for the I-85 northbound mainline include:

1. The bottleneck queues at the 3-lane to 2-lane northbound drop would be eliminated; thereby mitigating the impacts to the I-985 and SR 317 interchanges and reducing the rear-end crash occurrences per vehicle mile.
2. Northbound I-85 laneage would be increased by 50% along this short section of I-85 northbound by extending the existing lane drop to the SR 20 off-ramp, thereby reducing congestion along the Interstate northbound mainline.
3. Since lane drops between Interstate interchanges are not nearly as common as lane drops at interchanges, the extension of the third northbound lane would better meet driver expectancy practices; thereby, reducing the potential for last minute weaving maneuvers.

Is the project located in a Non-attainment area?**X**.....**Yes****No**. The proposed project is in line with the conforming plan's model (GW-AR-191B). The project will extend a third mainline lane along I-85 northbound from I-985 to SR 20 in Gwinnett County. The proposed opening year is 2008.

PDP Classification: Major (), Minor (X)

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

Functional Classification: Urban Interstate

U. S. Route Number(s): 85

State Route Number(s): 403

Traffic (AADT):

Current Year: (2008) 64,000

Design Year: (2028) 95,000

Existing design features:

- Typical Section: The existing section is two 12-foot lanes, and 4-foot inside shoulder and a 10-foot outside shoulder.
- Posted speed 70 mph Maximum degree of curvature: 0° 20' 00"
- Maximum grade: 2.00%
- Width of right of way: Varies 400 to 769 ft.
- Major structures: None
- Major interchanges or intersections along the project: SR 20 Interchange
- Existing length of roadway segment: The length is 2.2 miles and begins at milepost 112.6 and ends at milepost 114.8.

Proposed Design Features:

- Proposed typical section(s): The proposed section is three 12-foot travel lanes, a 14-foot inside shoulder (12' paved, 2' unpaved), and a 14-foot outside shoulder (12' paved, 2' unpaved).
- Proposed Design Speed Mainline – 70 mph
- Proposed Maximum grade Mainline – 3% Maximum grade allowable – 4%
- Proposed Maximum grade Side Street - N/A Maximum grade allowable - N/A
- Proposed Maximum grade driveway - N/A
- Proposed Maximum degree of curve - 0° 20' 00" Maximum degree allowable – 3°10'00"
- Right of way
 - R/W width: An additional 40 ft in 1 fill slope location.
 - Easements: Temporary (), Permanent (), Utility (), Other ().
 - Type of access control: Full (X), Partial (), By Permit (), Other ().
 - Number of parcels: 3 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0

- Structures:
 - Bridges - N/A
 - Retaining walls – N/A
- Major intersections and interchanges. SR 20 Interchange
- Traffic control during construction: Traffic is to be maintained on the existing roadway during construction.
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	(X)	()
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances: None
- Environmental concerns: Environmental concerns include requiring an ACOE Nationwide Permit. Some residents have expressed concern over noise impacts, although a Noise Impact Assessment has demonstrated that the construction of noise walls would not be cost effective.
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements: Georgia Power (Electric); Gwinnett County Public Utilities (Sewer); BellSouth (Telephone); Transcontinental Pipeline

Project responsibilities:

- Design - GDOT
- Right of Way Acquisition – GDOT
- Relocation of Utilities - GDOT
- Letting to contract - GDOT
- Supervision of construction - GDOT
- Providing material pits - Contractor
- Providing detours – N/A

Coordination

- Initial Concept Meeting date and brief summary - Not applicable
- Concept meeting date and brief summary – 05/25/06 - See Attachment 7
- P. A. R. meetings, dates and results. - N/A
- FEMA, USCG, and/or TVA
- Public involvement. – PIOH held 08/03/06
- Local government comments – Not applicable
- Other projects in the area: MSL-0003-00(164); NH-IM-85-2(164); CSNHS-0008-00(218)
- Other coordination to date – see attached Concept Team Meeting minutes (Attachment 7) and PIOH documentation (Attachment 8)

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 1 Month.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 1 Month.
- Time to complete the Section 404 Permit: 3 Months.
- Time to complete final construction plans: 1 Month.
- Time to complete to purchase right of way: 4 Months.
- List other major items that will affect the project schedule: None.

Other alternatives considered:

Other alternatives were considered. Other alternatives focused on the desire to reduce or eliminate the need for right-of-way acquisition in two areas with large cut slopes and one area with a large fill slope including:

1. No-Build
2. Revising shoulder/guardrail, ditch, cut slope typical section
3. Adding retaining walls
4. Consideration of 1.5:1 slope
5. Construction of the new lane to the inside – into the existing bifurcated median

Comments: It was determined that the other alternatives were not feasible – with the possible exception of Alternative No. 5 (build to the inside median). A brief explanation as follows:

- 1) No Build: The existing PM congestion problem along I-85 NB is undeniable and will continue to worsen under the No Build scenario – eventually impacting the adjacent interchanges at I-85/I-985 and I-85/SR 317.
- 2) An alteration of the shoulder / clear zone area was considered – specifically the addition of shoulder gutter in lieu of the ditch behind the guardrail. This ditch, as proposed, drains both I-85 and several high, adjacent cut slopes. Alternative No. 2 was ultimately discarded as the shoulder gutter did not possess the hydraulic

capacity to keep spread within acceptable limits.

- 3) The addition of several retaining walls was considered as part of Alternative No. 3 to keep the cut/fill slopes within the existing Right-of-Way. This alternative was discarded as slope drainage would have been difficult, the walls would be expensive, and the walls would have been torn down as part of the larger I-85 HOV/SOV widening project.
- 4) Alternative No. 4, the use of 1.5:1 slopes (in lieu of 2:1 slopes), was discarded as the geotechnical soil survey evaluation recommends no cut or fill slopes steeper than 2:1.
- 5) Alternative No. 5 involves widening to the inside median in lieu of the outside. This alternate would eliminate the need for Right-of-Way but would require lane shifts at the beginning and end of the project and would require shifting the existing pavement crown and overlaying the existing pavement. It was discarded because shifting is undesirable due to geometric, safety and driver expectancy concerns. In addition, the future and larger I-85 HOV/SOV widening project plans to widen to the inside which would make impacts to the outside edge of I-85 ultimately unavoidable.

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Capacity analysis,
6. Bridge inventory = N/A,
7. Minutes of Concept meeting,
8. Minutes of any meetings that show support or objection to the concept,
9. LGPA's or PMA's = N/A,
10. Location and Design Notice (On Minor Projects),
11. Conforming plan's network schematics showing thru lanes,
12. Other items referred to in the body of the report, concept layout.

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 1

COST ESTIMATES

Estimate Report for file "0008234"

Section Roadway Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	750000.00	TRAFFIC CONTROL - CSNHS-0008-00(234)	750000.00
153-1300	1	EA	57527.64	FIELD ENGINEERS OFFICE TP 3	57527.64
201-1500	1	LS	100000.00	CLEARING & GRUBBING - CSNHS-0008-00(234)	100000.00
205-0001	35398	CY	3.85	UNCLASS EXCAV	136282.30
207-0203	60	CY	39.25	FOUND BKFILL MATL, TP II	2355.00
208-0100	50227	CY	9.81	IN PLACE EMBANKMENT	492726.87
310-5060	9050	SY	7.35	GR AGGR BASE CRS, 6 INCH, INCL MATL	66517.50
310-5120	32323	SY	13.85	GR AGGR BASE CRS, 12 INCH, INCL MATL	447673.55
400-3604	1216	TN	90.00	ASPH CONC 12.5 MM SMA, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	109440.00
400-3624	1120	TN	90.00	ASPH CONC 12.5 MM PEM, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	100800.00
402-3113	2566	TN	90.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	230940.00
402-3121	23111	TN	90.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2079990.00
402-3190	4552	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	409680.00
413-1000	7238	GL	2.00	BITUM TACK COAT	14476.00
432-0208	5454	SY	1.02	MILL ASPH CONC PVMT, 2 IN DEPTH	5563.08
436-1000	7121	LF	8.81	ASPHALTIC CONCRETE CURB - 5 In	62736.01
441-0600	3	CY	600.63	CONC HEADWALLS	1801.89
456-2012	4	GLM	992.92	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	3971.68
500-3101	167	CY	499.20	CLASS A CONCRETE	83366.40
500-3200	5	CY	443.79	CLASS B CONCRETE	2218.95
511-1000	12230	LB	0.83	BAR REINF STEEL	10150.90
550-1183	6	LF	45.36	STORM DRAIN PIPE, 18 IN, H 20-25	272.16
550-1304	27	LF	56.75	STORM DRAIN PIPE, 30 IN, H 25-30	1532.25
550-1362	17	LF	88.72	STORM DRAIN PIPE, 36 IN, H 15-20	1508.24
550-1422	12	LF	110.46	STORM DRAIN PIPE, 42 IN, H 15-20	1325.52
550-4218	1	EA	517.47	FLARED END SECTION 18 IN, STORM DRAIN	517.47
550-4230	2	EA	721.22	FLARED END SECTION 30 IN, STORM DRAIN	1442.44
550-4236	1	EA	956.38	FLARED END SECTION 36 IN, STORM DRAIN	956.38
550-4242	2	EA	1173.79	FLARED END SECTION 42 IN, STORM DRAIN	2347.58
576-1015	932	LF	25.96	SLOPE DRAIN PIPE, 15 IN	24194.72
577-1100	25	EA	1283.95	METAL DRAIN INLET - COMPLETE ASSEMBLY	32098.75
641-1200	11283	LF	15.02	GUARDRAIL, TP W	169470.66
641-5001	7	EA	523.49	GUARDRAIL ANCHORAGE, TP 1	3664.43
641-5012	8	EA	1669.35	GUARDRAIL ANCHORAGE, TP 12	13354.80
643-4000	1727	LF	4.77	WOVEN WIRE FENCE	8237.79
643-8040	3	EA	420.00	GATE, WOVEN WIRE -	1260.00
Section Sub Total:					\$5,430,400.96

Section Signing & Marking Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3104	14	CY	950.30	CLASS A CONCRETE, SIGNS	13304.20
610-6515	9	EA	66.10	REM HIGHWAY SIGN, STD	594.90
610-6520	10	EA	684.68	REM HIGHWAY SIGN, SPCL ROADSIDE	6846.80
633-3500	5	EA	1354.98	REMOUNT UNMODIFIED HWY SIGN, SPCL ROADSIDE	6774.90
636-1029	80	SF	21.21	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	1696.80
636-1072	1026	SF	19.22	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3	19719.72
636-2080	160	LF	9.49	GALV STEEL POSTS, TP 8	1518.40
636-3000	3834	LB	2.68	GALV STEEL STR SHAPE POST	10275.12
636-3010	8	EA	390.89	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	3127.12
636-5010	12	EA	39.95	DELINEATOR, TP 1	479.40
636-5020	10	EA	49.15	DELINEATOR, TP 2	491.50
636-9094	101	LF	61.88	PILING IN PLACE, SIGNS, STEEL H, HP 12 X 53	6249.88
638-1001	3	LS	76053.84	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA -	228161.52
652-8151	3	GLM	3507.84	SKIP POLYUREA TRAFFIC STRIPE, 5 IN, WHITE	10523.52
653-0293	1	EA	1561.93	THERMOPLASTIC PVMT MARKING, WORD, TP 12	1561.93
653-0294	1	EA	1514.75	THERMOPLASTIC PVMT MARKING, WORD, TP 13	1514.75
654-1003	287	EA	3.97	RAISED PVMT MARKERS TP 3	1139.39
657-1104	1816	LF	7.04	PREFORMED PLASTIC SOLID PVMT MKG, 10 IN, WHITE, TP PB	12784.64
				PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE,	

657-2054	3	LM	22830.19	TP PB	68490.57
657-7054	3	LM	20752.68	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	62258.04
Section Sub Total:					\$457,513.10

Section Temporary Erosion Control Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	8	AC	503.33	TEMPORARY GRASSING	4026.64
163-0240	301	TN	206.00	MULCH	62006.00
163-0300	4	EA	1335.55	CONSTRUCTION EXIT	5342.20
163-0501	6	EA	875.18	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	5251.08
163-0502	1	EA	387.42	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	387.42
163-0503	5	EA	519.41	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	2597.05
163-0520	932	LF	13.36	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	12451.52
165-0010	2397	LF	1.09	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	2612.73
165-0030	6583	LF	1.26	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	8294.58
165-0085	6	EA	349.00	MAINTENANCE OF SILT CONTROL GATE, TP 1	2094.00
165-0086	1	EA	133.70	MAINTENANCE OF SILT CONTROL GATE, TP 2	133.70
165-0087	5	EA	187.17	MAINTENANCE OF SILT CONTROL GATE, TP 3	935.85
165-0101	4	EA	451.92	MAINTENANCE OF CONSTRUCTION EXIT	1807.68
167-1000	2	EA	1808.08	WATER QUALITY MONITORING AND SAMPLING	3616.16
167-1500	18	MO	869.87	WATER QUALITY INSPECTIONS	15657.66
171-0010	4794	LF	1.96	TEMPORARY SILT FENCE, TYPE A	9396.24
171-0030	13166	LF	3.38	TEMPORARY SILT FENCE, TYPE C	44501.08
Section Sub Total:					\$181,111.59

Section Permanent Erosion Control Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0204	8640	SY	30.53	PLAIN CONC DITCH PAVING, 4 IN	263779.20
603-2180	80	SY	35.21	STN DUMPED RIP RAP, TP 3, 12 IN	2816.80
603-7000	80	SY	4.24	PLASTIC FILTER FABRIC	339.20
700-6910	16	AC	842.01	PERMANENT GRASSING	13472.16
700-7000	47	TN	61.86	AGRICULTURAL LIME	2907.42
700-7010	39	GL	19.89	LIQUID LIME	775.71
700-8000	10	TN	283.63	FERTILIZER MIXED GRADE	2836.30
700-8100	778	LB	1.66	FERTILIZER NITROGEN CONTENT	1291.48
710-9000	11398	SY	4.62	PERMANENT SOIL REINFORCING MAT	52658.76
716-2000	43589	SY	1.13	EROSION CONTROL MATS, SLOPES	49255.57
Section Sub Total:					\$390,132.60

Total Estimated Cost: \$6,459,158.25

Subtotal Construction Cost	\$6,459,158.25
E&C Rate 10.0 %	\$645,915.82
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
Total Construction Cost	\$7,105,074.07
Right Of Way	\$373,650.00
ReImb. Utilities	\$0.00
Grand Total Project Cost	\$7,478,724.07

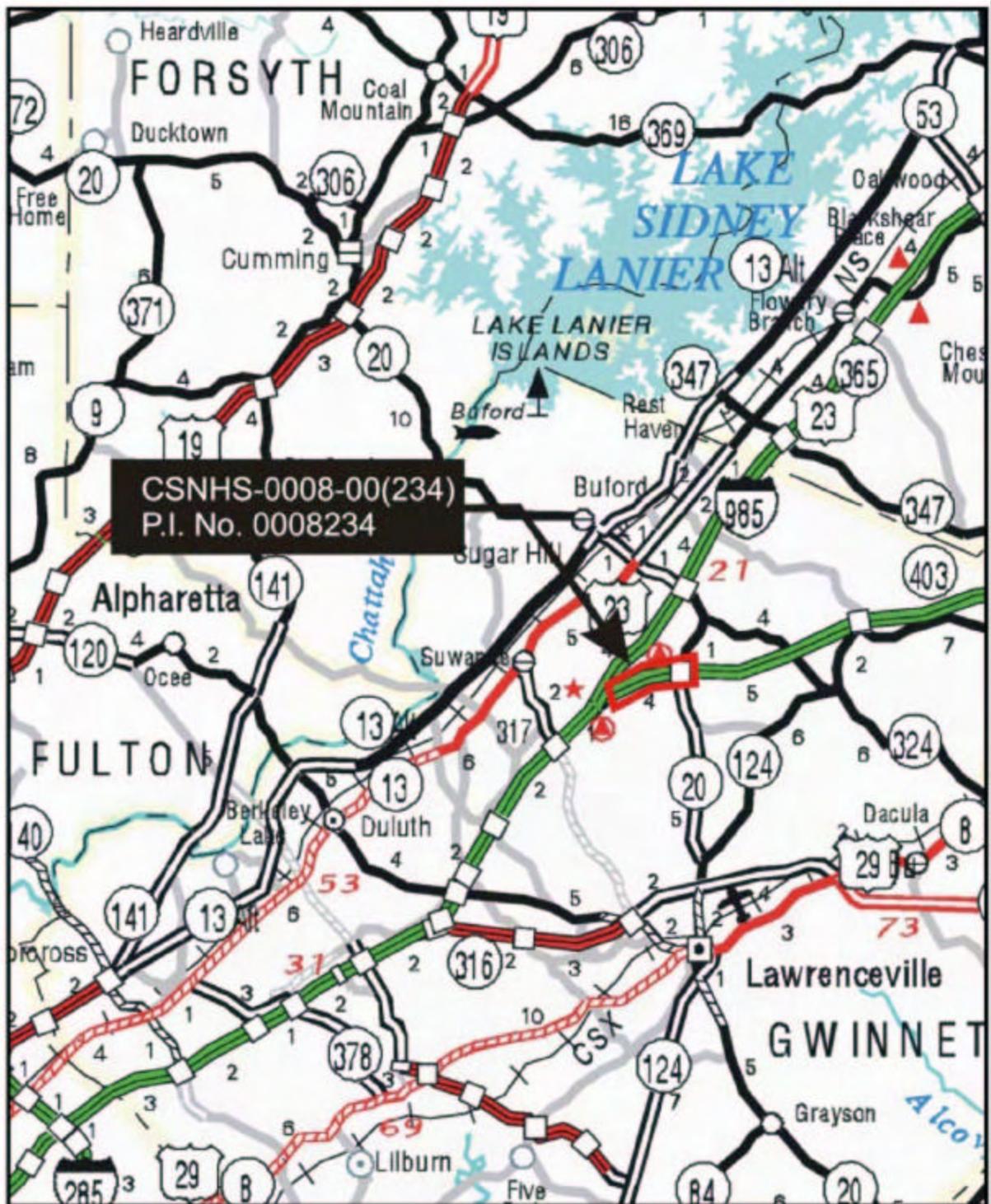
Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 2

SKETCH LOCATION MAP

Sketch Location Map:

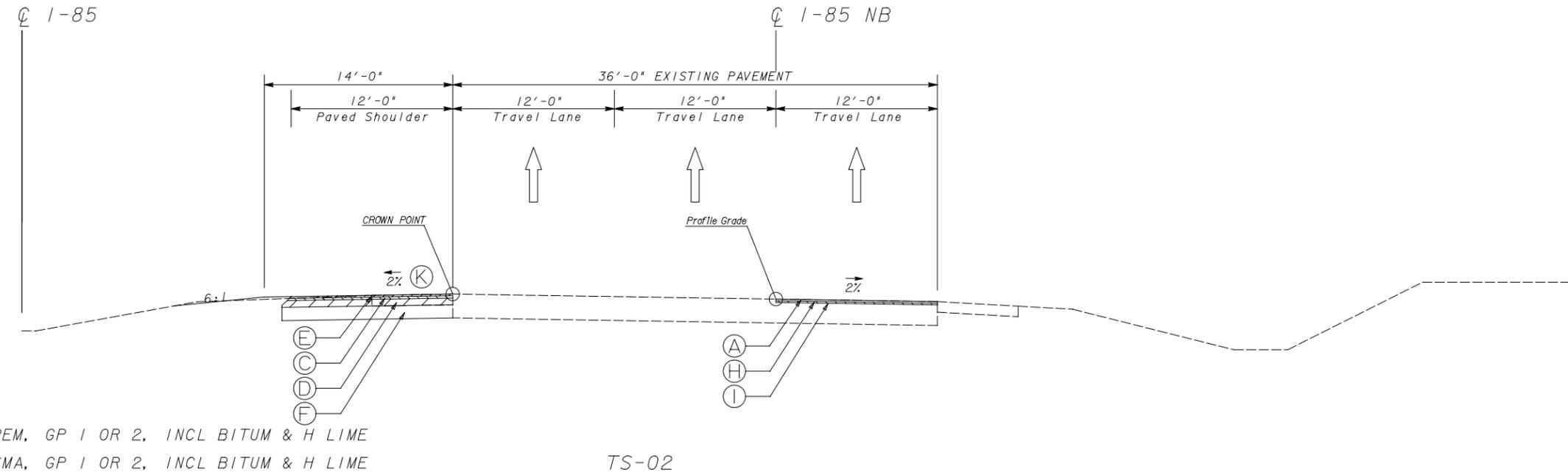
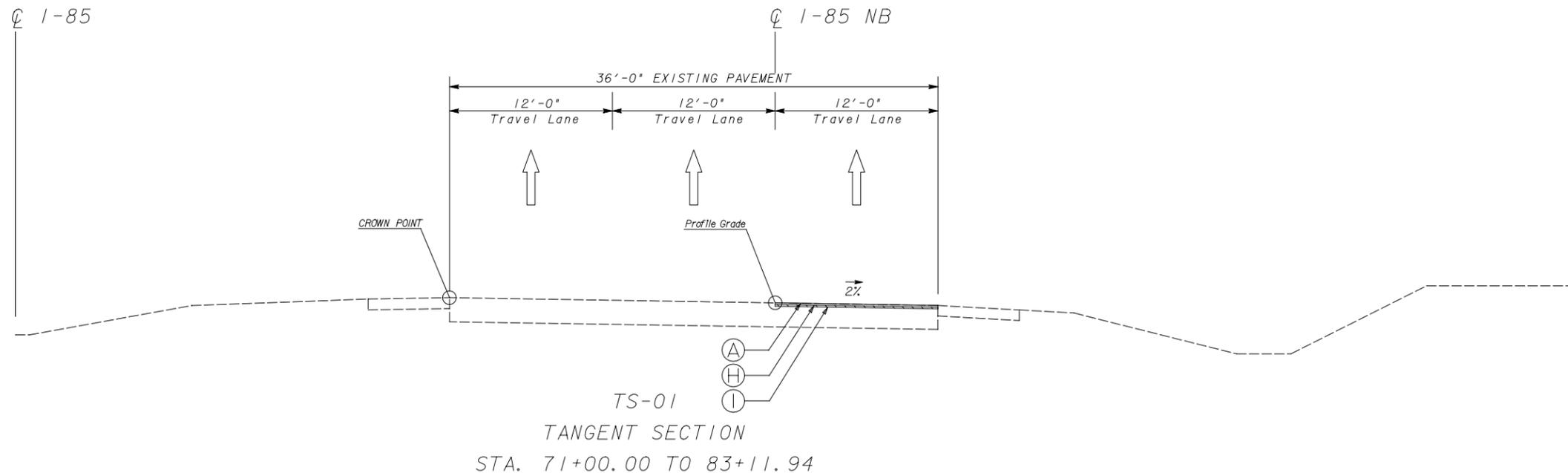


Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 3

TYPICAL SECTIONS



REQUIRED PAVEMENT

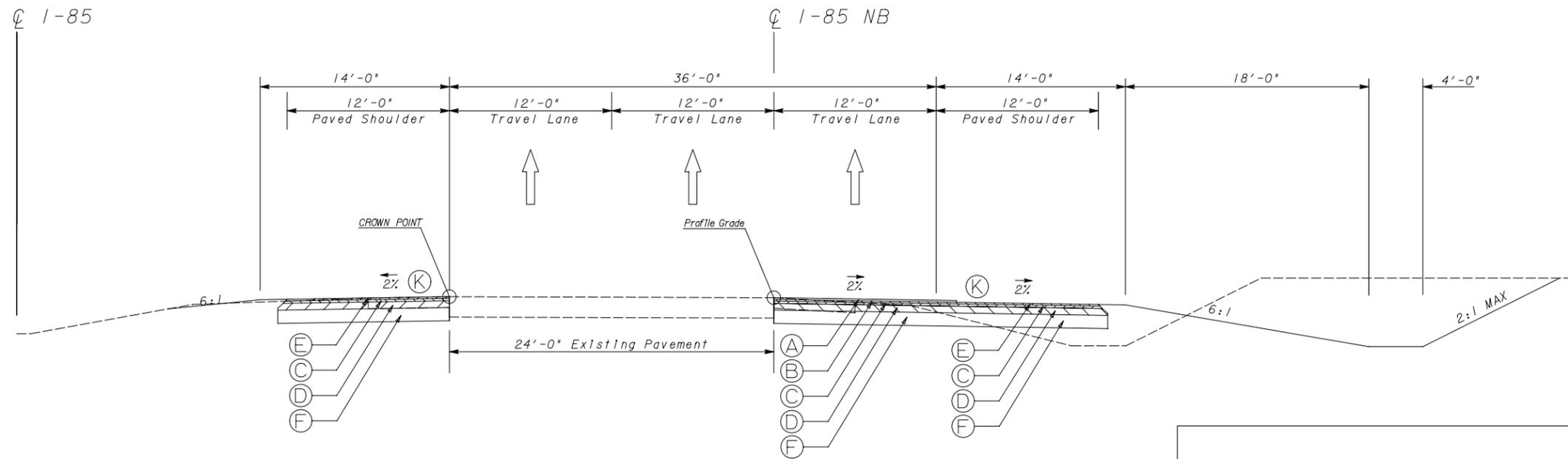
- Ⓐ 135 LBS/SY RECYCLED ASPH CONC 12.5 MM PEM, GP 1 OR 2, INCL BITUM & H LIME
- Ⓑ 220 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- Ⓒ 275 LBS/SY RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- Ⓓ 1320 LBS/SY RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- Ⓔ 165 LBS/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- Ⓕ GRADED AGGREGATE BASE, 12"
- Ⓖ GRADED AGGREGATE BASE, 6"
- Ⓗ 135 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- Ⓘ VARIABLE MILLING REQUIRED
- Ⓝ LEVELING AS NEEDED
- Ⓚ INDENTATION RUMBLE STRIPS



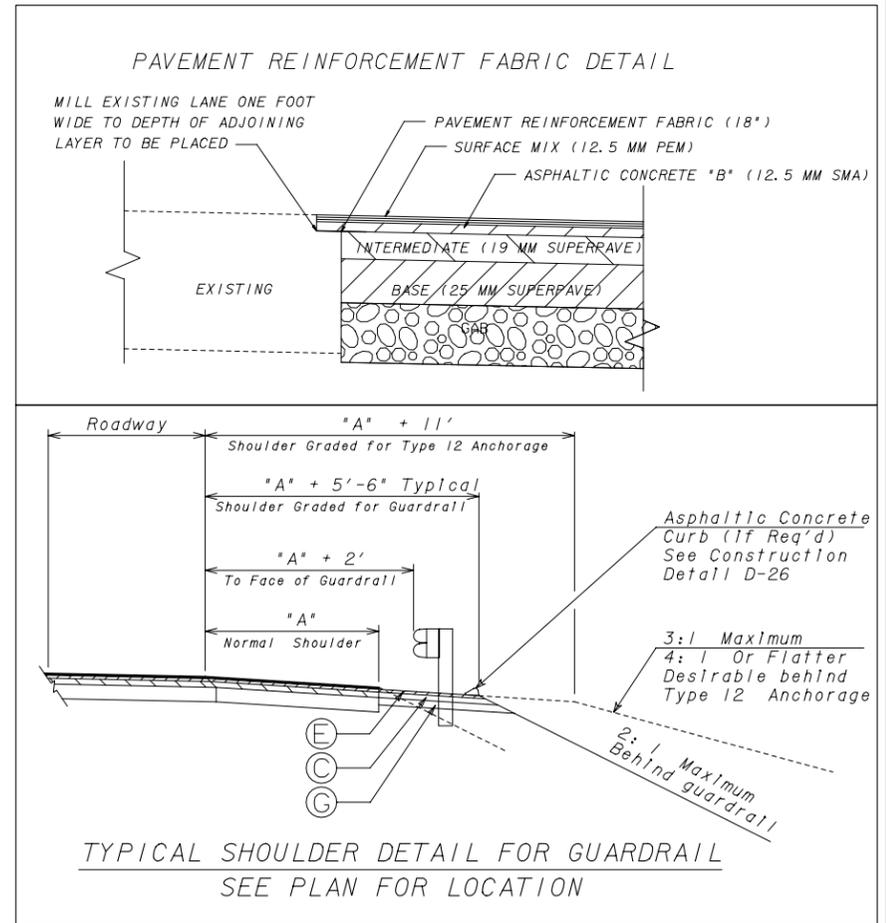
3715 NORTHSIDE PARKWAY, NW
400 NORTHCREEK, SUITE 600
ATLANTA, GEORGIA 30327

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:
TYPICAL SECTIONS



TS-03
TANGENT SECTION
 STA. 111+89.20 TO 181+31.93



REQUIRED PAVEMENT

- (A) 135 LBS/SY RECYCLED ASPH CONC 12.5 MM PEM, GP 1 OR 2, INCL BITUM & H LIME
- (B) 220 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- (C) 275 LBS/SY RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (D) 1320 LBS/SY RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (E) 165 LBS/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (F) GRADED AGGREGATE BASE, 12"
- (G) GRADED AGGREGATE BASE, 6"
- (H) 135 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- (I) VARIABLE MILLING REQUIRED
- (J) LEVELING AS NEEDED
- (K) INDENTATION RUMBLE STRIPS

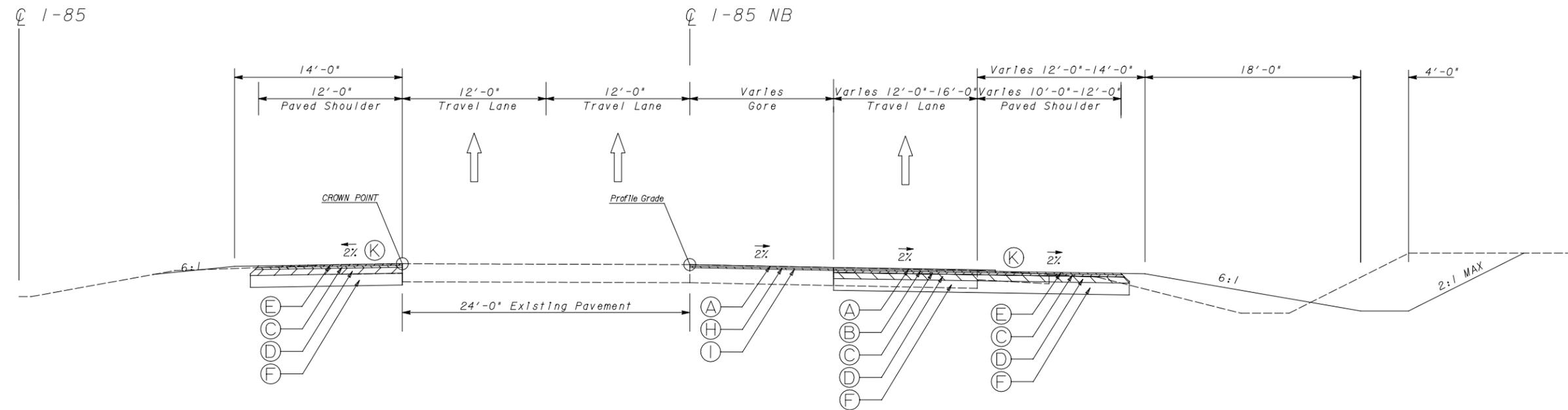


3715 NORTHSIDE PARKWAY, NW
400 NORTHCREEK, SUITE 600
ATLANTA, GEORGIA 30327

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:

TYPICAL SECTIONS



TS-04
 TANGENT SECTION & RAMP
 STA. 111+89.20 TO 188+92.05

REQUIRED PAVEMENT

- (A) 135 LBS/SY RECYCLED ASPH CONC 12.5 MM PEM, GP 1 OR 2, INCL BITUM & H LIME
- (B) 220 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- (C) 275 LBS/SY RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (D) 1320 LBS/SY RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (E) 165 LBS/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM & H LIME
- (F) GRADED AGGREGATE BASE, 12"
- (G) GRADED AGGREGATE BASE, 6"
- (H) 135 LBS/SY RECYCLED ASPH CONC 12.5 MM SMA, GP 1 OR 2, INCL BITUM & H LIME
- (I) VARIABLE MILLING REQUIRED
- (J) LEVELING AS NEEDED
- (K) INDENTATION RUMBLE STRIPS



3715 NORTHSIDE PARKWAY, NW
 400 NORTHCREEK, SUITE 600
 ATLANTA, GEORGIA 30327

REVISION DATES

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION

OFFICE: **TYPICAL SECTIONS**

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 4

ACCIDENT SUMMARIES

GWINNETT COUNTY, I-85 (SR 403) from I-985 to SR 20

Accident No	Date	Time	County	Route Type	Route	Milelog	Ramp	Intersecting Rt Type	Intersecting Rt	Collision	Harmful Event	Injuries	Fatalities
'20120812	1/2/02	5:30 PM	Gwinnett	State Route	'040300	15.8		1	'041900	Not A Collision With A Motor Vehicle	Other Fixed Object	0	0
'21410032	5/3/02	4:55 PM	Gwinnett	State Route	'040300	15.8		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'20840388	3/27/02	8:17 AM	Gwinnett	State Route	'040300	15.8		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23420165	11/5/02	6:41 PM	Gwinnett	State Route	'040300	15.81			'	Rear End	Motor Vehicle in Motion	0	0
'22790244	9/13/02	7:23 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Jackknife	0	0
'21710806	6/22/02	8:49 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21710025	6/7/02	5:12 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'21710363	6/14/02	5:36 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'20410591	4/18/02	3:06 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'20400773	2/1/02	4:48 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'20480730	2/10/02	5:59 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'20490826	2/27/02	12:53 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23850632	12/20/02	1:00 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	2	0
'21120783	4/12/02	5:11 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'21120786	4/12/02	5:29 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'21120297	4/2/02	9:00 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'23860032	12/23/02	6:00 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'23860099	12/24/02	1:30 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'22480130	8/13/02	3:39 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Overturn	0	0
'22480406	8/19/02	4:55 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'21980266	7/12/02	6:30 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'21980268	7/12/02	6:30 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'23850749	12/23/02	2:45 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'23840231	12/1/02	2:47 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Other Non-Collision	0	0
'23850125	12/13/02	5:48 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'23430155	11/15/02	8:09 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'23090468	10/18/02	5:41 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'23090591	10/20/02	3:45 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Overturn	0	0
'21420212	5/21/02	7:24 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21410429	5/10/02	9:19 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'20430258	1/2/02	10:13 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21130751	4/28/02	5:31 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Other Non-Collision	0	0
'20410476	5/28/02	6:34 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'20130617	1/16/02	4:23 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'22350743	10/17/02	8:20 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'22480544	8/21/02	9:30 PM	Gwinnett	State Route	'040300	15.86			'	Not A Collision With A Motor Vehicle	Ditch	0	0
'20430473	1/3/02	7:20 AM	Gwinnett	State Route	'040300	15.89			'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'24350626	12/17/02	6:05 PM	Gwinnett	State Route	'040300	15.95			'	Angle	Motor Vehicle in Motion	0	0
'23840210	12/1/02	3:42 PM	Gwinnett	State Route	'040300	15.96			'	Rear End	Motor Vehicle in Motion	0	0
'20490220	2/15/02	7:20 AM	Gwinnett	State Route	'040300	15.98			'	Rear End	Motor Vehicle in Motion	0	0
'23080655	10/7/02	11:11 AM	Gwinnett	State Route	'040300	15.98			'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23080825	10/10/02	5:15 PM	Gwinnett	State Route	'040300	15.98			'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23680648	11/30/02	12:02 PM	Gwinnett	State Route	'040300	15.98			'	Rear End	Motor Vehicle in Motion	0	0
'20830494	3/13/02	12:31 AM	Gwinnett	State Route	'040300	15.99			'	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'20840502	3/29/02	5:23 PM	Gwinnett	State Route	'040300	16.08			'	Rear End	Motor Vehicle in Motion	0	0
'20830324	3/10/02	3:40 PM	Gwinnett	State Route	'040300	16.1			'	Not A Collision With A Motor Vehicle	Embankment	2	0
'23850369	12/17/02	9:35 PM	Gwinnett	State Route	'040300	16.19			'	Not A Collision With A Motor Vehicle	Guardrail Face	1	0
'20130827	1/19/02	4:00 PM	Gwinnett	State Route	'040300	16.2			'	Not A Collision With A Motor Vehicle	Tree	0	0
'23090021	10/11/02	5:57 PM	Gwinnett	State Route	'040300	16.35			'	Rear End	Motor Vehicle in Motion	0	0

'22190795	7/12/02	10:48 AM	Gwinnett	State Route	'040300	16.35				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23100256	10/28/02	8:03 PM	Gwinnett	State Route	'040300	16.35				Not A Collision With A Motor Vehicle	Ditch	0	0
'23850755	12/23/02	3:19 PM	Gwinnett	State Route	'040300	16.35				Rear End	Motor Vehicle in Motion	0	0
'20430276	1/14/02	10:12 AM	Gwinnett	State Route	'040300	16.36				Not A Collision With A Motor Vehicle	Motor Vehicle in Motion	1	0
'22190792	7/4/02	1:18 PM	Gwinnett	State Route	'040300	16.43				Angle	Motor Vehicle in Motion	0	0
'23090515	10/18/02	9:50 AM	Gwinnett	State Route	'040300	16.47				Rear End	Motor Vehicle in Motion	0	0
'21990044	7/24/02	4:50 AM	Gwinnett	State Route	'040300	16.47				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'23080509	10/4/02	4:52 PM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	0	0
'20430661	1/2/02	12:10 PM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'23850650	12/21/02	1:10 PM	Gwinnett	State Route	'040300	16.69				Rear End	Motor Vehicle in Motion	0	0
'20480746	2/10/02	9:59 PM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'21120646	4/10/02	7:28 AM	Gwinnett	State Route	'040300	16.85				Rear End	Motor Vehicle in Motion	0	0
'22780881	9/7/02	1:45 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Other Fixed Object	0	0
'23850671	12/21/02	2:15 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	1	0
'22790345	9/14/02	4:28 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Other Fixed Object	0	0
'23420405	11/9/02	2:00 PM	Gwinnett	State Route	'040300	17.43				Not A Collision With A Motor Vehicle	Median Barrier	2	0
'22790698	9/20/02	7:44 AM	Gwinnett	State Route	'040300	17.44				Rear End	Motor Vehicle in Motion	0	0
'22470771	8/9/02	6:20 AM	Gwinnett	State Route	'040300	17.69				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'20130139	1/6/02	4:04 PM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Other Fixed Object	0	0
'20480461	2/4/02	5:38 PM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'20480797	2/11/02	7:30 AM	Gwinnett	State Route	'040300	17.69				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21980450	7/16/02	8:00 AM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'20840629	3/31/02	12:49 AM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	2	0
'23840717	12/10/02	7:53 PM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Ditch	0	0
'21990213	7/26/02	9:32 PM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	0	0
'20430288	1/21/02	3:37 PM	Gwinnett	State Route	'040300	17.7				Angle	Motor Vehicle in Motion	0	0
'23860277	12/28/02	6:30 PM	Gwinnett	State Route	'040300	17.7				Rear End	Motor Vehicle in Motion	0	0
'23860270	12/28/02	6:30 AM	Gwinnett	State Route	'040300	17.7				Rear End	Motor Vehicle in Motion	0	0
'22480776	8/25/02	6:02 PM	Gwinnett	State Route	'040300	17.7				Not A Collision With A Motor Vehicle	Tree	0	0
'21140047	4/30/02	3:04 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'21710568	6/17/02	4:36 PM	Gwinnett	State Route	'040300	17.87	3			Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'23840301	12/3/02	8:10 AM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	1	0
'23430690	11/23/02	3:55 PM	Gwinnett	State Route	'040300	17.87	1			Rear End	Motor Vehicle in Motion	0	0
'23430239	11/16/02	1:52 PM	Gwinnett	State Route	'040300	17.87	2			Rear End	Motor Vehicle in Motion	0	0
'23430051	11/14/02	1:09 PM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	2	0
'23990124	12/31/02	10:35 AM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'23860073	12/24/02	8:06 PM	Gwinnett	State Route	'040300	17.87	2			Not A Collision With A Motor Vehicle	Guardrail End	0	0
'23860290	12/28/02	6:40 PM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'22800312	9/25/02	7:30 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	1	0
'21980181	7/11/02	5:12 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'20120752	1/2/02	10:38 AM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Other Non-Collision	2	0
'20120838	1/2/02	10:57 PM	Gwinnett	State Route	'040300	17.87	1			Not A Collision With A Motor Vehicle	Impact Attenuator	1	0
'20130131	1/5/02	2:45 PM	Gwinnett	State Route	'040300	17.87	2			Rear End	Motor Vehicle in Motion	0	0
'22490099	8/29/02	7:38 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'22210539	7/28/02	4:22 PM	Gwinnett	State Route	'040300	17.87				Angle	Motor Vehicle in Motion	0	0
'21710186	6/10/02	10:00 PM	Gwinnett	State Route	'040300	17.87	1			Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'21710488	6/15/02	3:45 AM	Gwinnett	State Route	'040300	17.87				Sideswipe - Same Direction	Parked Motor Vehicle	0	0
'20120826	1/2/02	6:05 PM	Gwinnett	State Route	'040300	17.87	2			Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'23440127	11/29/02	1:02 PM	Gwinnett	State Route	'040300	17.87	1			Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'21990234	7/27/02	5:00 PM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'21990285	7/28/02	1:10 PM	Gwinnett	State Route	'040300	17.87	1			Rear End	Motor Vehicle in Motion	0	0

'20830696	3/17/02	4:35 PM	Gwinnett	State Route	'040300	17.87	3			'	Angle	Motor Vehicle in Motion	1	0
'20830276	3/9/02	6:40 PM	Gwinnett	State Route	'040300	17.87	3			'	Rear End	Motor Vehicle in Motion	0	0
'20480559	2/6/02	10:19 PM	Gwinnett	State Route	'040300	17.87	2			'	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'23470055	11/19/02	8:00 PM	Gwinnett	State Route	'040300	17.87	3			'	Not A Collision With A Motor Vehicle	Jackknife	0	0
'22790615	9/18/02	7:00 AM	Gwinnett	State Route	'040300	18.15				'	Rear End	Motor Vehicle in Motion	1	0
'23850315	12/16/02	10:14 AM	Gwinnett	State Route	'040300	18.15				'	Rear End	Motor Vehicle in Motion	0	0
'22490100	8/29/02	7:55 AM	Gwinnett	State Route	'040300	18.17				'	Rear End	Motor Vehicle in Motion	0	0
'21710517	6/16/02	3:37 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'20140383	1/28/02	7:30 PM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21140030	4/30/02	7:43 AM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'23090560	10/19/02	11:29 AM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'23090175	10/14/02	6:35 AM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'21410708	5/15/02	11:21 PM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'22800481	9/27/02	7:33 AM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'22480824	8/26/02	6:22 PM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Tree	0	0
'22800138	9/23/02	6:28 AM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'23100186	10/28/02	8:03 AM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	1	0
'20830153	3/7/02	6:15 PM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'20410566	6/5/02	6:05 PM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'20430293	1/22/02	11:48 AM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'22210538	7/27/02	1:22 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'21710510	6/16/02	6:06 PM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	1	0
'21120647	4/10/02	8:04 AM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	0	0
'21420386	5/24/02	5:47 PM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	0	0
'23430188	11/16/02	5:55 PM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	1	0
'21420423	5/25/02	10:15 AM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	1	0
'20120692	1/2/02	10:46 PM	Gwinnett	State Route	'040300	18.2				'	Not A Collision With A Motor Vehicle	Other Fixed Object	0	0
'33670833	10/24/03	3:49 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'33000137	8/8/03	6:45 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'30440333	2/20/03	8:50 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'30740395	5/22/03	6:15 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32200131	6/3/03	5:34 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32210140	6/16/03	5:13 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32200496	6/9/03	9:25 AM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'34420024	12/22/03	11:23 AM	Gwinnett	State Route	'040300	15.85		1		'041900	Not A Collision With A Motor Vehicle	Deer	0	0
'31400562	4/25/03	4:48 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'31400569	4/25/03	4:38 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'31400571	4/25/03	4:38 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Angle	Motor Vehicle in Motion	0	0
'31400585	4/25/03	4:38 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'30890503	3/20/03	5:58 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'30910057	3/28/03	3:14 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'30910078	3/29/03	9:00 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'30890079	3/12/03	1:15 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'30200692	3/4/03	2:39 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'33660528	10/13/03	3:02 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'33010340	8/28/03	6:30 AM	Gwinnett	State Route	'040300	15.85		1		'041900	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'32990571	8/3/03	3:00 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32990425	8/1/03	4:59 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32990432	8/1/03	4:59 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32570743	7/5/03	3:00 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'32590059	7/23/03	5:06 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Rear End	Motor Vehicle in Motion	1	0

'32570665	7/3/03	5:25 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'32570684	7/3/03	7:05 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31780770	5/23/03	4:57 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31780777	5/23/03	5:58 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31770420	5/5/03	6:54 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31400318	4/21/03	5:45 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31400439	4/23/03	6:15 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'32590144	7/25/03	5:15 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'32590347	7/29/03	3:40 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'31780358	5/16/03	5:28 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'32580326	7/13/03	12:29 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Parked Motor Vehicle	0	0
'32200011	6/1/03	11:26 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	2	0
'32200141	6/3/03	9:56 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'32050410	9/29/03	3:25 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'30740246	5/1/03	5:32 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'33640360	10/2/03	7:05 AM	Gwinnett	State Route	'040300	15.86				Rear End	Motor Vehicle in Motion	0	0
'30650145	1/7/03	7:50 AM	Gwinnett	State Route	'040300	15.87				Rear End	Motor Vehicle in Motion	0	0
'33010180	8/25/03	7:05 AM	Gwinnett	State Route	'040300	15.87				Rear End	Motor Vehicle in Motion	3	0
'30200358	2/27/03	4:40 PM	Gwinnett	State Route	'040300	15.89				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34420142	12/23/03	3:02 PM	Gwinnett	State Route	'040300	15.89				Not A Collision With A Motor Vehicle	Guardrail End	1	0
'30120802	1/17/03	5:00 PM	Gwinnett	State Route	'040300	15.9				Rear End	Motor Vehicle in Motion	0	0
'34030141	11/21/03	6:13 PM	Gwinnett	State Route	'040300	15.91				Rear End	Motor Vehicle in Motion	1	0
'32760090	10/26/03	3:56 PM	Gwinnett	State Route	'040300	15.92				Angle	Motor Vehicle in Motion	0	0
'30740384	5/20/03	7:25 AM	Gwinnett	State Route	'040300	15.93				Rear End	Motor Vehicle in Motion	0	0
'34400549	12/17/03	4:15 PM	Gwinnett	State Route	'040300	15.93				Rear End	Motor Vehicle in Motion	0	0
'34260350	12/23/03	6:57 PM	Gwinnett	State Route	'040300	15.94				Angle	Motor Vehicle in Motion	0	0
'34420309	12/26/03	2:20 PM	Gwinnett	State Route	'040300	15.94				Rear End	Motor Vehicle in Motion	0	0
'30200036	3/19/03	6:00 PM	Gwinnett	State Route	'040300	15.95				Angle	Motor Vehicle in Motion	0	0
'31400582	4/25/03	5:30 PM	Gwinnett	State Route	'040300	15.96				Rear End	Motor Vehicle in Motion	0	0
'33350073	9/26/03	12:10 AM	Gwinnett	State Route	'040300	15.98				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'31400073	4/17/03	5:52 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'30440373	2/21/03	6:09 PM	Gwinnett	State Route	'040300	16.04				Rear End	Motor Vehicle in Motion	0	0
'30440372	2/21/03	5:07 PM	Gwinnett	State Route	'040300	16.04				Rear End	Motor Vehicle in Motion	0	0
'34260335	12/16/03	9:20 PM	Gwinnett	State Route	'040300	16.04				Rear End	Motor Vehicle in Motion	1	0
'34020434	11/7/03	5:35 PM	Gwinnett	State Route	'040300	16.18				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'30440627	2/25/03	5:07 PM	Gwinnett	State Route	'040300	16.19				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34020048	11/1/03	11:34 AM	Gwinnett	State Route	'040300	16.19				Not A Collision With A Motor Vehicle	Overturn	1	0
'34030626	11/29/03	3:06 PM	Gwinnett	State Route	'040300	16.2				Rear End	Motor Vehicle in Motion	2	0
'34030609	11/29/03	3:06 PM	Gwinnett	State Route	'040300	16.2				Rear End	Motor Vehicle in Motion	2	0
'30040180	1/16/03	7:05 AM	Gwinnett	State Route	'040300	16.21				Sideswipe - Same Direction	Parked Motor Vehicle	0	0
'34550164	12/19/03	4:17 PM	Gwinnett	State Route	'040300	16.36				Rear End	Motor Vehicle in Motion	0	0
'30740604	5/13/03	4:35 AM	Gwinnett	State Route	'040300	16.43				Sideswipe - Same Direction	Parked Motor Vehicle	0	0
'34030711	11/30/03	1:33 PM	Gwinnett	State Route	'040300	16.43				Rear End	Motor Vehicle in Motion	0	0
'33670754	10/23/03	12:27 PM	Gwinnett	State Route	'040300	16.43				Rear End	Motor Vehicle in Motion	0	0
'31330436	9/26/03	10:41 PM	Gwinnett	State Route	'040300	16.47				Angle	Motor Vehicle in Motion	0	0
'31770721	5/9/03	5:56 PM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	2	0
'34420143	12/23/03	4:21 PM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	0	0
'34420378	12/28/03	5:13 AM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Deer	1	0
'30890342	3/18/03	7:35 AM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Guardrail End	0	0
'31330432	9/26/03	6:44 PM	Gwinnett	State Route	'040300	16.69				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'33660201	10/7/03	9:12 AM	Gwinnett	State Route	'040300	16.85				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0

'34030679	11/30/03	1:15 PM	Gwinnett	State Route	'040300	16.85				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'30430802	2/13/03	3:41 PM	Gwinnett	State Route	'040300	16.98				Rear End	Motor Vehicle in Motion	0	0
'33670545	10/19/03	7:02 AM	Gwinnett	State Route	'040300	16.98				Not A Collision With A Motor Vehicle	Ditch	0	0
'33330282	9/15/03	5:33 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'34420195	12/24/03	6:00 AM	Gwinnett	State Route	'040300	17.19				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34030418	11/25/03	3:45 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'34010698	11/18/03	7:14 AM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	1	0
'31780492	5/18/03	6:38 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'31330440	9/25/03	6:43 PM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'30130705	1/23/03	6:30 AM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'30910079	3/29/03	5:11 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Ditch	0	0
'31350659	7/1/03	12:09 PM	Gwinnett	State Route	'040300	17.19				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'32590020	7/23/03	3:11 PM	Gwinnett	State Route	'040300	17.2				Rear End	Motor Vehicle in Motion	0	0
'34260204	12/11/03	12:23 PM	Gwinnett	State Route	'040300	17.2				Rear End	Motor Vehicle in Motion	0	0
'34030610	11/29/03	3:06 PM	Gwinnett	State Route	'040300	17.2				Rear End	Motor Vehicle in Motion	0	0
'34030627	11/29/03	3:06 PM	Gwinnett	State Route	'040300	17.2				Rear End	Motor Vehicle in Motion	0	0
'33640359	10/2/03	7:07 AM	Gwinnett	State Route	'040300	17.44				Rear End	Motor Vehicle in Motion	0	0
'31790207	5/29/03	1:48 AM	Gwinnett	State Route	'040300	17.44				Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'34410679	12/14/03	1:15 PM	Gwinnett	State Route	'040300	17.44				Rear End	Motor Vehicle in Motion	2	0
'34390266	12/2/03	1:30 PM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	4	0
'31400169	4/19/03	10:41 PM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	0	0
'34260213	12/14/03	1:34 PM	Gwinnett	State Route	'040300	17.69				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34420327	12/26/03	5:32 PM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	0	0
'30750156	4/17/03	2:01 PM	Gwinnett	State Route	'040300	17.7				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'32570720	7/4/03	8:30 PM	Gwinnett	State Route	'040300	17.7				Rear End	Motor Vehicle in Motion	0	0
'34400516	12/17/03	7:20 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'31390170	4/4/03	9:36 PM	Gwinnett	State Route	'040300	17.87	3			Not A Collision With A Motor Vehicle	Ditch	0	0
'30890211	3/15/03	12:50 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'30140286	1/31/03	3:47 PM	Gwinnett	State Route	'040300	17.87	1			Not A Collision With A Motor Vehicle	Overturn	1	0
'31780238	5/15/03	2:42 PM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Median Barrier	1	0
'31390085	4/2/03	7:30 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'32990673	8/5/03	3:18 PM	Gwinnett	State Route	'040300	17.87	2			Rear End	Motor Vehicle in Motion	0	0
'34040254	11/15/03	12:30 AM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Deer	0	0
'33350058	9/25/03	7:28 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'32220082	6/28/03	10:36 PM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Ditch	2	0
'32200356	6/6/03	12:02 PM	Gwinnett	State Route	'040300	17.87	1			Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'30740388	5/21/03	2:23 PM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	0	0
'30440347	2/20/03	2:34 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	2	0
'34410337	12/9/03	10:36 AM	Gwinnett	State Route	'040300	17.87				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34410107	12/5/03	6:58 PM	Gwinnett	State Route	'040300	17.87	1			Rear End	Motor Vehicle in Motion	0	0
'34410214	12/7/03	1:02 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	1	0
'34410218	12/7/03	4:02 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'34420137	12/23/03	8:10 PM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'34260214	12/15/03	9:22 AM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'34260336	12/16/03	9:45 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'34020506	11/8/03	8:20 AM	Gwinnett	State Route	'040300	17.87	1			Rear End	Motor Vehicle in Motion	0	0
'34030196	11/20/03	5:43 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'34010628	11/17/03	2:54 PM	Gwinnett	State Route	'040300	17.87	2			Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'34020137	11/3/03	6:42 PM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	0	0
'34010557	11/16/03	8:42 PM	Gwinnett	State Route	'040300	17.87	1			Not A Collision With A Motor Vehicle	Deer	0	0
'33660393	10/10/03	4:17 PM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Overturn	1	0

'33670471	10/18/03	7:28 PM	Gwinnett	State Route	'040300	17.87					Not A Collision With A Motor Vehicle	Ditch	0	0
'32990556	8/3/03	11:25 PM	Gwinnett	State Route	'040300	17.87	1				Not A Collision With A Motor Vehicle	Highway Traffic Sign Post	0	0
'32780337	11/23/03	7:24 PM	Gwinnett	State Route	'040300	17.87					Not A Collision With A Motor Vehicle	Other Non-Collision	0	0
'32580038	7/7/03	12:08 PM	Gwinnett	State Route	'040300	17.87	3				Rear End	Motor Vehicle in Motion	0	0
'31780490	5/18/03	2:50 PM	Gwinnett	State Route	'040300	17.87					Rear End	Motor Vehicle in Motion	0	0
'30880397	3/1/03	2:01 PM	Gwinnett	State Route	'040300	17.87	3				Rear End	Motor Vehicle in Motion	0	0
'33000401	8/14/03	2:47 PM	Gwinnett	State Route	'040300	17.87	3				Not A Collision With A Motor Vehicle	Overturn	1	0
'33330288	9/15/03	4:50 PM	Gwinnett	State Route	'040300	17.87					Angle	Motor Vehicle in Motion	0	0
'33330631	9/21/03	3:05 PM	Gwinnett	State Route	'040300	17.87	3				Angle	Motor Vehicle in Motion	0	0
'32570550	7/1/03	3:09 PM	Gwinnett	State Route	'040300	18.14					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'31320018	8/14/03	2:47 PM	Gwinnett	State Route	'040300	18.19					Not A Collision With A Motor Vehicle	Overturn	0	1
'33330215	9/14/03	11:09 PM	Gwinnett	State Route	'040300	18.19					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'33000230	8/9/03	6:37 PM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'32440612	10/14/03	6:41 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	1	0
'33660024	10/4/03	10:25 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	1	0
'33010484	8/30/03	6:15 PM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'33010279	8/26/03	6:55 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'31780482	5/18/03	6:18 PM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'31780232	5/15/03	3:06 PM	Gwinnett	State Route	'040300	18.19					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'30890320	3/17/03	1:12 PM	Gwinnett	State Route	'040300	18.19					Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'34040249	11/15/03	4:02 PM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	2	0
'34040117	11/13/03	9:36 PM	Gwinnett	State Route	'040300	18.19					Not A Collision With A Motor Vehicle	Median Barrier	1	0
'33640394	10/3/03	4:04 PM	Gwinnett	State Route	'040300	18.19					Not A Collision With A Motor Vehicle	Median Barrier	1	0
'33340209	9/30/03	8:35 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'32210176	6/16/03	2:58 PM	Gwinnett	State Route	'040300	18.19					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'32210006	6/14/03	1:50 PM	Gwinnett	State Route	'040300	18.19					Not A Collision With A Motor Vehicle	Motor Vehicle in Motion	0	0
'32200166	6/4/03	8:09 AM	Gwinnett	State Route	'040300	18.19					Angle	Motor Vehicle in Motion	0	0
'32010012	1/25/03	3:20 PM	Gwinnett	State Route	'040300	18.19					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'30130660	1/22/03	4:42 PM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'30440322	2/20/03	7:05 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	1	0
'30880639	3/6/03	7:50 AM	Gwinnett	State Route	'040300	18.19					Rear End	Motor Vehicle in Motion	0	0
'33690180	10/27/03	7:05 AM	Gwinnett	State Route	'040300	18.2					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'32580322	7/12/03	3:48 PM	Gwinnett	State Route	'040300	18.2					Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'34030425	11/26/03	5:52 PM	Gwinnett	State Route	'040300	18.2					Rear End	Motor Vehicle in Motion	2	0
'34030705	11/30/03	3:58 PM	Gwinnett	State Route	'040300	18.2					Rear End	Motor Vehicle in Motion	0	0
'34030551	11/28/03	12:07 PM	Gwinnett	State Route	'040300	18.2					Rear End	Motor Vehicle in Motion	0	0
'32580479	7/16/03	2:29 PM	Gwinnett	State Route	'040300	18.2					Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'32590025	7/23/03	5:57 PM	Gwinnett	State Route	'040300	18.2					Rear End	Motor Vehicle in Motion	0	0
'43640190	10/17/04	5:38 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'44030190	11/11/04	10:38 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'44000651	11/7/04	6:05 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Not A Collision With A Motor Vehicle	Other Non-Collision	0	0
'40150269	1/20/04	1:58 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Angle	Guardrail Face	1	0
'41820398	6/4/04	6:22 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'40810753	3/20/04	3:02 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'40810778	3/11/04	9:09 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'42680362	8/5/04	4:30 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'40150704	1/28/04	7:01 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	0	0
'40150718	1/28/04	6:25 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43180520	9/17/04	4:46 PM	Gwinnett	State Route	'040300	15.8		1		'041900	Rear End	Motor Vehicle in Motion	3	0
'41230592	4/13/04	9:14 AM	Gwinnett	State Route	'040300	15.8		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'44010282	10/31/04	6:33 PM	Gwinnett	State Route	'040300	15.85		1		'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0

'44190437	11/22/04	1:11 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'44030355	11/9/04	12:15 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Overturn	1	0
'42110669	7/8/04	3:45 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'41560267	5/27/04	5:41 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'41560300	5/28/04	4:51 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'40150418	1/23/04	6:00 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'40140037	1/1/04	12:18 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'43640060	10/15/04	3:47 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43590162	10/10/04	1:22 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'43120731	9/15/04	4:23 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	1	0
'42780412	8/24/04	5:22 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'42460330	7/28/04	6:30 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'42370559	7/19/04	6:05 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'41230225	4/6/04	1:26 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Other Non-Collision	1	0
'43720135	10/19/04	10:47 AM	Gwinnett	State Route	'040300	15.85		1	'041900	Not A Collision With A Motor Vehicle	Median Barrier	0	0
'44700686	12/17/04	6:42 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'44450437	12/6/04	5:28 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Rear End	Motor Vehicle in Motion	0	0
'44230315	11/23/04	4:36 PM	Gwinnett	State Route	'040300	15.85		1	'041900	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'42110507	7/1/04	3:30 PM	Gwinnett	State Route	'040300	15.88				Rear End	Motor Vehicle in Motion	0	0
'41220436	4/14/04	4:30 PM	Gwinnett	State Route	'040300	15.9				Rear End	Motor Vehicle in Motion	1	0
'40140368	1/8/04	5:49 PM	Gwinnett	State Route	'040300	15.91				Rear End	Motor Vehicle in Motion	0	0
'40850725	3/2/04	5:50 PM	Gwinnett	State Route	'040300	15.92				Sideswipe - Same Direction	Motor Vehicle in Motion	1	0
'42990523	9/7/04	6:10 PM	Gwinnett	State Route	'040300	15.93				Not A Collision With A Motor Vehicle	Overturn	0	0
'44360070	11/28/04	1:10 PM	Gwinnett	State Route	'040300	15.95				Rear End	Motor Vehicle in Motion	0	0
'44230314	11/23/04	8:20 AM	Gwinnett	State Route	'040300	15.98				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43640062	10/15/04	6:58 PM	Gwinnett	State Route	'040300	15.98				Rear End	Overturn	0	0
'44030192	11/11/04	5:46 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'43810370	10/29/04	5:03 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'40150724	1/28/04	5:01 PM	Gwinnett	State Route	'040300	15.98				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'41870111	6/6/04	1:30 PM	Gwinnett	State Route	'040300	15.98				Sideswipe - Same Direction	Motor Vehicle in Motion	3	0
'41990398	6/20/04	1:57 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'40830246	3/9/04	1:09 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'43210179	9/21/04	8:01 PM	Gwinnett	State Route	'040300	15.98				Rear End	Overturn	0	0
'44030169	11/11/04	5:46 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'43250337	9/24/04	4:44 PM	Gwinnett	State Route	'040300	15.98				Rear End	Motor Vehicle in Motion	0	0
'41540514	5/22/04	1:23 PM	Gwinnett	State Route	'040300	15.99				Rear End	Motor Vehicle in Motion	0	0
'44810087	12/26/04	2:32 PM	Gwinnett	State Route	'040300	16.05				Rear End	Motor Vehicle in Motion	0	0
'42110667	7/8/04	3:30 PM	Gwinnett	State Route	'040300	16.07				Rear End	Motor Vehicle in Motion	1	0
'40140033	1/1/04	9:18 AM	Gwinnett	State Route	'040300	16.08				Not A Collision With A Motor Vehicle	Embankment	0	0
'44830556	12/27/04	2:50 PM	Gwinnett	State Route	'040300	16.1				Rear End	Motor Vehicle in Motion	0	0
'40500565	2/24/04	7:48 AM	Gwinnett	State Route	'040300	16.18				Rear End	Motor Vehicle in Motion	0	0
'44740586	12/18/04	5:08 PM	Gwinnett	State Route	'040300	16.19				Rear End	Motor Vehicle in Motion	0	0
'40480537	2/11/04	4:00 PM	Gwinnett	State Route	'040300	16.19				Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'42760258	8/19/04	3:33 PM	Gwinnett	State Route	'040300	16.19				Rear End	Motor Vehicle in Motion	0	0
'40820699	3/3/04	6:00 AM	Gwinnett	State Route	'040300	16.19				Rear End	Motor Vehicle in Motion	0	0
'40830468	3/13/04	4:40 PM	Gwinnett	State Route	'040300	16.19				Not A Collision With A Motor Vehicle	Embankment	0	0
'42410071	7/27/04	9:57 AM	Gwinnett	State Route	'040300	16.19				Not A Collision With A Motor Vehicle	Guardrail Face	1	0
'42990447	9/6/04	9:51 PM	Gwinnett	State Route	'040300	16.19				Rear End	Motor Vehicle in Motion	0	0
'41780295	6/2/04	4:04 PM	Gwinnett	State Route	'040300	16.21				Not A Collision With A Motor Vehicle	Guardrail End	3	0
'44030283	11/9/04	4:56 PM	Gwinnett	State Route	'040300	16.23				Angle	Motor Vehicle in Motion	0	0
'40830126	3/7/04	2:20 PM	Gwinnett	State Route	'040300	16.23				Not A Collision With A Motor Vehicle	Other Non-Collision	1	0

'40150420	1/23/04	4:55 PM	Gwinnett	State Route	'040300	16.23				Rear End	Motor Vehicle in Motion	0	0
'41240188	4/19/04	1:50 AM	Gwinnett	State Route	'040300	16.3				Not A Collision With A Motor Vehicle	Deer	0	0
'40840320	3/25/04	12:40 AM	Gwinnett	State Route	'040300	16.47				Not A Collision With A Motor Vehicle	Curb	0	0
'44230326	11/24/04	12:55 PM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	4	0
'40140553	1/12/04	6:52 AM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	0	0
'42760232	8/18/04	3:22 PM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	0	0
'44030232	11/11/04	6:48 AM	Gwinnett	State Route	'040300	16.48				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43120841	9/16/04	7:21 PM	Gwinnett	State Route	'040300	16.48				Not A Collision With A Motor Vehicle	Tree	1	0
'40140586	1/12/04	7:45 AM	Gwinnett	State Route	'040300	16.48				Rear End	Motor Vehicle in Motion	0	0
'44360129	11/30/04	6:50 PM	Gwinnett	State Route	'040300	16.61				Not A Collision With A Motor Vehicle	Deer	0	0
'40150505	1/24/04	2:00 PM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Median Barrier	0	0
'40480034	2/2/04	4:59 PM	Gwinnett	State Route	'040300	16.69				Not A Collision With A Motor Vehicle	Overturn	0	0
'42460384	7/29/04	4:53 PM	Gwinnett	State Route	'040300	16.69				Angle	Motor Vehicle in Motion	3	0
'40460158	2/3/04	7:57 AM	Gwinnett	State Route	'040300	16.87				Rear End	Motor Vehicle in Motion	1	0
'42350633	7/1/04	4:44 PM	Gwinnett	State Route	'040300	16.98				Sideswipe - Same Direction	Motor Vehicle in Motion	2	0
'40840328	3/25/04	6:14 AM	Gwinnett	State Route	'040300	16.98				Rear End	Motor Vehicle in Motion	2	0
'41990387	6/20/04	6:35 AM	Gwinnett	State Route	'040300	16.98				Not A Collision With A Motor Vehicle	Tree	0	0
'40490558	1/16/04	2:58 PM	Gwinnett	State Route	'040300	16.98				Not A Collision With A Motor Vehicle	Jackknife	0	0
'40840271	3/24/04	6:08 PM	Gwinnett	State Route	'040300	17.09				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'44610584	12/11/04	1:45 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'41540612	5/24/04	2:40 PM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Fence	0	0
'43450720	8/28/04	6:40 AM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'41240071	4/17/04	1:22 PM	Gwinnett	State Route	'040300	17.19				Angle	Motor Vehicle in Motion	3	0
'42840661	8/28/04	10:51 PM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'43740382	10/24/04	4:51 PM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'44000626	11/9/04	2:58 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Overturn	1	0
'40140038	1/1/04	8:17 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Embankment	0	0
'40830276	3/10/04	8:16 AM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'42460298	7/28/04	8:42 AM	Gwinnett	State Route	'040300	17.19				Rear End	Motor Vehicle in Motion	0	0
'43930331	11/5/04	7:03 AM	Gwinnett	State Route	'040300	17.19				Not A Collision With A Motor Vehicle	Deer	0	0
'40460207	2/22/04	2:32 PM	Gwinnett	State Route	'040300	17.3				Angle	Motor Vehicle in Motion	8	0
'44230321	11/23/04	2:43 PM	Gwinnett	State Route	'040300	17.44				Rear End	Motor Vehicle in Motion	0	0
'42630086	8/15/04	1:38 PM	Gwinnett	State Route	'040300	17.48				Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'40150637	1/26/04	8:33 PM	Gwinnett	State Route	'040300	17.48				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43060661	9/12/04	1:00 PM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Embankment	0	0
'43300213	9/22/04	4:52 PM	Gwinnett	State Route	'040300	17.69				Rear End	Motor Vehicle in Motion	0	0
'40140211	1/6/04	2:15 PM	Gwinnett	State Route	'040300	17.69				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'41540683	5/21/04	10:28 AM	Gwinnett	State Route	'040300	17.69				Not A Collision With A Motor Vehicle	Guardrail Face	1	0
'41560350	5/29/04	5:14 AM	Gwinnett	State Route	'040300	17.81				Not A Collision With A Motor Vehicle	Median Barrier	0	0
'44450453	12/6/04	8:35 PM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	0	0
'44700567	12/18/04	12:42 PM	Gwinnett	State Route	'040300	17.87	2			Rear End	Motor Vehicle in Motion	3	0
'40840352	3/25/04	6:55 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'42760196	8/18/04	7:41 PM	Gwinnett	State Route	'040300	17.87				Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'41540765	5/10/04	9:45 PM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Deer	0	0
'43910520	11/3/04	7:26 AM	Gwinnett	State Route	'040300	17.87	3			Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43910569	11/2/04	7:38 AM	Gwinnett	State Route	'040300	17.87	3			Angle	Motor Vehicle in Motion	0	0
'43590034	10/8/04	9:35 AM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Guardrail Face	1	0
'43060677	9/12/04	9:27 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	0	0
'41240159	4/19/04	1:09 AM	Gwinnett	State Route	'040300	17.87				Not A Collision With A Motor Vehicle	Guardrail End	1	0
'41240176	4/14/04	6:40 AM	Gwinnett	State Route	'040300	17.87				Rear End	Motor Vehicle in Motion	0	0
'40830148	3/7/04	3:45 PM	Gwinnett	State Route	'040300	17.87	3			Rear End	Motor Vehicle in Motion	1	0

'40830353	3/12/04	3:33 PM	Gwinnett	State Route	'040300	17.87				'	Not A Collision With A Motor Vehicle	Other Non-Collision	0	0
'43360101	9/22/04	4:46 PM	Gwinnett	State Route	'040300	17.87				'	Rear End	Motor Vehicle in Motion	0	0
'40490524	1/4/04	7:00 PM	Gwinnett	State Route	'040300	18.13				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43180537	9/17/04	8:53 PM	Gwinnett	State Route	'040300	18.15				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'43390405	10/3/04	11:22 AM	Gwinnett	State Route	'040300	18.15				'	Not A Collision With A Motor Vehicle	Overturn	1	0
'41960284	6/24/04	6:49 AM	Gwinnett	State Route	'040300	18.18				'	Rear End	Motor Vehicle in Motion	0	0
'44380404	12/4/04	6:07 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	1	0
'41900738	6/19/04	7:57 AM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'44230259	11/24/04	4:47 PM	Gwinnett	State Route	'040300	18.19				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0
'42610267	8/9/04	6:59 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	2	0
'40150609	1/26/04	8:55 AM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'40150615	1/26/04	8:38 AM	Gwinnett	State Route	'040300	18.19				'	Angle	Motor Vehicle in Motion	0	0
'40150616	1/26/04	7:00 AM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Median Barrier	1	0
'40150633	1/26/04	7:26 AM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Guardrail Face	0	0
'40150498	1/24/04	4:44 PM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Other Object (Not Fixed)	0	0
'44000598	11/8/04	6:40 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'44000623	11/8/04	7:20 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'43460666	10/6/04	6:26 PM	Gwinnett	State Route	'040300	18.19				'	Not A Collision With A Motor Vehicle	Median Barrier	0	0
'43120693	9/14/04	7:00 AM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'44190550	11/21/04	4:05 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Parked Motor Vehicle	0	0
'44360082	11/28/04	5:59 PM	Gwinnett	State Route	'040300	18.19				'	Rear End	Motor Vehicle in Motion	0	0
'44170763	11/20/04	1:00 PM	Gwinnett	State Route	'040300	18.19				'	Angle	Other Non-Collision	0	0
'40830557	3/15/04	7:43 AM	Gwinnett	State Route	'040300	18.2				'	Rear End	Motor Vehicle in Motion	0	0
'41880400	6/13/04	3:23 AM	Gwinnett	State Route	'040300	18.2				'	Sideswipe - Same Direction	Motor Vehicle in Motion	0	0

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 5

CAPACITY ANALYSIS

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday AM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: Existing
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	3200	veh/h
Peak-hour factor, PHF	0.90	
Peak 15-min volume, v15	889	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	1867	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	2	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	4.5	mi/h
Free-flow speed, FFS	70.0	mi/h

Urban Freeway

LOS and Performance Measures

Flow rate, vp	1867	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S	67.0	mi/h
Number of lanes, N	2	
Density, D	27.9	pc/mi/ln

Level of service, LOS

D

Overall results are not computed when free-flow speed is less than 55 mph.

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday PM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: Existing
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	5800	veh/h
Peak-hour factor, PHF	1.00	
Peak 15-min volume, v15	1450	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	3045	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	2	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	4.5	mi/h
Free-flow speed, FFS	70.0	mi/h

Urban Freeway

LOS and Performance Measures

Flow rate, vp	3045	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S		mi/h
Number of lanes, N	2	
Density, D		pc/mi/ln

Level of service, LOS

F

Overall results are not computed when free-flow speed is less than 55 mph.

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday AM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: 2008
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	3900	veh/h
Peak-hour factor, PHF	0.90	
Peak 15-min volume, v15	1083	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	1517	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	3	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	3.0	mi/h
Free-flow speed, FFS	70.0	mi/h

Urban Freeway

LOS and Performance Measures

Flow rate, vp	1517	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S	69.8	mi/h
Number of lanes, N	3	
Density, D	21.7	pc/mi/ln

Level of service, LOS

C

Overall results are not computed when free-flow speed is less than 55 mph.

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday PM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: 2008
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	7100	veh/h
Peak-hour factor, PHF	1.00	
Peak 15-min volume, v15	1775	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	2485	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	3	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	3.0	mi/h
Free-flow speed, FFS	70.0	mi/h
	Urban Freeway	

LOS and Performance Measures

Flow rate, vp	2485	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S		mi/h
Number of lanes, N	3	
Density, D		pc/mi/ln

Level of service, LOS

F

Overall results are not computed when free-flow speed is less than 55 mph.

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday AM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: 2028
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	5100	veh/h
Peak-hour factor, PHF	0.95	
Peak 15-min volume, v15	1342	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	1879	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	3	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	3.0	mi/h
Free-flow speed, FFS	70.0	mi/h
	Urban Freeway	

LOS and Performance Measures

Flow rate, vp	1879	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S	66.9	mi/h
Number of lanes, N	3	
Density, D	28.1	pc/mi/ln

Level of service, LOS

D

Overall results are not computed when free-flow speed is less than 55 mph.

Phone:
E-mail:

Fax:

Operational Analysis

Analyst: Keith Strickland
 Agency or Company: HNTB Corporation
 Date Performed: 4/18/06
 Analysis Time Period: Weekday PM Peak Hour
 Freeway/Direction: I-85 Northbound
 From/To: I-985 to SR 20
 Jurisdiction: Gwinnett County
 Analysis Year: 2028
 Description: I-85 North HOV Break-out Project

Flow Inputs and Adjustments

Volume, V	9500	veh/h
Peak-hour factor, PHF	1.00	
Peak 15-min volume, v15	2375	v
Trucks and buses	10	%
Recreational vehicles	0	%
Terrain type:	Level	
Grade	0.00	%
Segment length	0.00	mi
Trucks and buses PCE, ET	1.5	
Recreational vehicle PCE, ER	1.2	
Heavy vehicle adjustment, fHV	0.952	
Driver population factor, fp	1.00	
Flow rate, vp	3325	pc/h/ln

Speed Inputs and Adjustments

Lane width	12.0	ft
Right-shoulder lateral clearance	6.0	ft
Interchange density	0.50	interchange/mi
Number of lanes, N	3	
Free-flow speed:	Measured	
FFS or BFFS	70.0	mi/h
Lane width adjustment, fLW	0.0	mi/h
Lateral clearance adjustment, fLC	0.0	mi/h
Interchange density adjustment, fID	0.0	mi/h
Number of lanes adjustment, fN	3.0	mi/h
Free-flow speed, FFS	70.0	mi/h

Urban Freeway

LOS and Performance Measures

Flow rate, vp	3325	pc/h/ln
Free-flow speed, FFS	70.0	mi/h
Average passenger-car speed, S		mi/h
Number of lanes, N	3	
Density, D		pc/mi/ln

Level of service, LOS

F

Overall results are not computed when free-flow speed is less than 55 mph.

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 7

MINUTES OF CONCEPT MEETINGS

I-85 North Auxiliary Lane Concept Meeting – Minutes

CSNHS-0008-00(234) Gwinnett County
I-85 North Auxiliary Lane from I-985 to SR 20
P.I. No. 008234

Date: May 25, 2006

Location/Time: GDOT Conference Room 352 / 10:00 – 11:30 am

Attendees:	Neal O'Brien	GDOT – Urban Design
	Jill Franks	GDOT – Urban Design
	Ben Buchan	GDOT – Urban Design
	Glenn Bowman	GDOT – Urban Design
	Jason Crane	GDOT - Planning
	Harold Mull	GDOT – Area Engineer
	John Hancock	GDOT – Assistant Area Engineer – Construction
	Brent Cook	GDOT – District 1 Traffic Operations
	Teri Pope	GDOT – District 1 Communications
	Jeff Jacques	GDOT – District 1 Utilities
	Jerry Milligan	GDOT – Right of Way
	Christa Wilkinson	GDOT – OEL
	Mike Kilgore	Gwinnett County Water Resources
	David Tucker	Gwinnett County DOT
	Tim Heilmeier	HNTB
	Laurie Reed	HNTB
	Keith McCage	HNTB
	Jennie Agerton	URS

Minutes By: Laurie Reed

The following were items that were discussed at the meeting:

- Neal O'Brien gave a brief description/history of the project. He stated that the project only has a PE and construction phase and that no right of way phase was included but one may need to be added due to some design issues.
- Tim Heilmeier gave a more detailed history of the project including House Bill 273 and the Flex Lane Study. He stated that this project is on an aggressive schedule with a let date around December 2006 or January 2007, and the greatest threat to meeting this letting date was getting NEPA approval and potential right-of-way.
- Tim Heilmeier then described the three right-of-way issues and showed where they were located on the layouts. He explained that it was thought initially that right-of-way would not be required (since there is well over 100 ft from the existing lanes currently) but the topography has 35-55 foot cut slopes and the new cross sections were chasing these slopes. He stated that HNTB has spoken with OMR and have received concurrence to eliminate isolated portions of surface ditches originally proposed at two of the locations (at the crests of cut sections where the ditches would not have collected any runoff due to the topography). The third right-of-way location is the area where a double box culvert is being extended and the cross section was chasing a 55 ft high 2:1 fill slope and the existing right-of-way is at the ditch. He stated that a couple of ideas could be looked at to possibly avoid requiring right-of-way, but if avoidance was not possible, it would be necessary to address right-of-way acquisition immediately. Tim also stated that widening to the inside (into the bifurcated median) would also be a possibility to avoid right-of-way, but that would introduce unnecessary lane shifts (in/out) at two locations along mainline I-85.
- Jennie Agerton discussed the environmental document for the project. It is a Categorical Exclusion (CE) and the draft was submitted to OEL on May 22, 2006. OEL is performing concurrent reviews to try to expedite the approval process due to the constrained schedule. Jennie stated the only ecology impacts were approximately

130 feet of culvert extensions (cumulative over about 7-8 culvert locations), which will be covered in the Nationwide 404 permit. Jennie stated there were a few receptors on the project, and noise walls are not required.

- Tim Heilmeier stated plan production would not be an issue in meeting the schedule, but there may need to be variances on the PDP in order to meet the aggressive schedule.
- Teri Pope asked if an open house would be needed before the letting and, if so, it could impact the schedule. Tim Heilmeier stated there were a series of meetings and public hearings scheduled for the larger HOV project. He also stated that this issue had been discussed and it was thought to be unnecessary for several reasons including: the environmental document is a CE and a public meeting is not technically required; the project was originally expected to stay within the existing right-of-way; and the public will undoubtedly be in favor of this project.
- Teri Pope asked if FHWA was in concurrence and stated that she has noticed that FHWA wants to have PIOH's more often - even on small projects. Christa Wilkinson stated that she had spoken with Jonathan and he didn't think one would be required either. Christa stated she would follow up with FHWA. Neal stated if an open house was needed, it would be held in August. Tim stated the CE would need to be approved by late August to meet the schedule.
- Neal O'Brien stated that George Merritt (FHWA) was not able to attend the concept meeting, but he does want to meet to discuss the concept.
- Tim Heilmeier stated a soil survey for this project is important to have for several reasons including: the feasibility of using 1.5:1 slopes if necessary; understanding the existing pavement condition; and, if benching of slopes would be required. Tim stated that the subconsultant that will be performing the geotechnical work for the larger project has provided a cost estimate proposal to HNTB, and has been forwarded to OMR for review. Tim said that the subconsultant could be mobilized within a week and could have the soil survey complete in 4-5 weeks.
- Tim Heilmeier stated the proposed pavement section is asphalt. He stated because of the upcoming larger project, it was not recommended to remove the existing pavement and replace with concrete. The proposed typical section was forwarded to OMR for comment and has been returned. The typical section included in the concept report addressed the comments HNTB received from OMR.
- Tim Heilmeier stated a request has been made for the maintenance plans for this section of roadway in order to address the constructability of this project. The original plans show a concrete section with partial shoulders, but the existing roadway is now asphalt. Harold Mull stated that the existing pavement does have underlying concrete. Tim stated the shoulder pavement structure on the inside would also need to be known to determine if traffic could be shifted to the inside (or outside) during construction for traffic staging purposes. However, if the pavement is not sufficient, it would be necessary to consider (though not ideal) rebuilding the shoulders for staging.
- Harold Mull stated there was a separate project 3 or 4 years ago in which deep milling was done. The lab would have the date the project was done. John Hancock stated the concrete weaves in and out and is at least 9" deep. He said the District/Area office could provide us with a project number.
- Teri Pope stated the project was a weekend only project and GDOT got a lot of negative comments, so she does not recommend doing that again. It is the District's preference to stage the construction without closing a lane. Harold Mull also stated he would prefer not to work at night due to safety concerns.
- Harold Mull stated the limits shown on the typical sections would need to be revised to show the project beginning more to the south. He stated there are pavement markings that would have to be replaced and milling and overlay would be needed in the area extending south close to I-985.
- Tim Heilmeier stated the concept cost estimate is approximately \$9.1 million.
- Neal O'Brien suggested HNTB submit a full set of plans for PFPR due to the constrained schedule. HNTB would then address the PFPR comments, and a FFPR could be held as an in-house review.
- Jeff Jacques requested the first utilities submission to be soon in order to expedite the process. Tim Heilmeier said HNTB already has the SUE, so this should not be a problem.
- Mike Kilgore stated there once were some pipes hung on the first or second culvert north of I-985. These pipes were used to feed the southbound rest area. He stated they may have been moved, but suggested it be field verified.
- Jerry Milligan stated that if it were necessary to take additional right-of-way, 1 (or even 3) parcels in 4 months seemed reasonable and that it shouldn't be difficult to acquire.
- Neal O'Brien stated that a right-of-way phase has not been programmed. Ben Buchan asked how long it would take to get a phase programmed and stated another issue is how to pay for the right-of-way.

- Ben Buchan asked if additional right-of-way were required in the same areas if GDOT would prefer to acquire all of the needed right-of-way from the property owner now. He asked if the culvert extension is enough for the larger project as well. Tim Heilmeier stated the extension was not enough, but it could be done. Ben Buchan suggested discussing the pros and cons of extending the culvert a sufficient distance to cover the ultimate project now. Jennie Agerton asked how many more feet would the culvert need to be extended. Tim Heilmeier stated maybe 20-30 feet, not enough to require an individual permit. Ben Buchan thought that it might be best to assess the ultimate culvert extension & right-of-way needs now and incorporate into the breakout project and to purchase the right-of-way needed now as an advance acquisition of the larger project.
- Neal O'Brien asked how long it would to get a cost estimate for the right-of-way. Jerry Milligan stated he could get a cost estimate if he had a set of plans and the estimated square footage.
- Harold Mull asked if the larger HOV project would be a widening to the outside as well. Neal O'Brien stated it was mostly to the inside but CD's would be included that would be to the outside.
- Teri Pope asked how confident GDOT was in the December or January letting and could a press release be made. Ben Buchan stated that since FHWA was not in the meeting, they would prefer to have them agree on the concept first. The project would still need to be advertised even if an open house was not held.
- Jason Crane stated the traffic accident summary needed to be included in the Need and Purpose. He also stated that it needed to be confirmed with ARC that this project was included in their 2010 analysis. If the project was not included in the model, it would need to be determined how fast it could be added to the model.

ACTION ITEMS

- 1. Christa Wilkinson to follow-up with FHWA to determine if a Public Information Open House will be required.**
- 2. Neal O'Brien to schedule a meeting with George Merritt/FHWA to discuss the concept.**
- 3. GDOT District/Area Office to provide project number for maintenance project completed.**
- 4. HNTB to revise the project limits to start near I-985 to include replacement of pavement markings and milling and overlay of existing pavement.**
- 5. HNTB to submit a full set of plans for the PFPR as soon as possible.**
- 6. HNTB to provide District Utilities with a set of plans for first utility submission.**
- 7. HNTB to field verify pipes thought to be hung on the first or second culverts north of I-985.**
- 8. HNTB to send Jerry Milligan a set of plans and required square footage for right of way.**
- 9. HNTB/GDOT to discuss the pros and cons of extending the culvert enough in this project to include extension needed for larger project. Base right-of-way and extension on ultimate if necessary.**
- 10. HNTB to add accident summary to the need and purpose in the concept report.**
- 11. Jason Crane to verify with ARC that the project is included in the model.**
- 12. GDOT OMR to offer comments on HNTB-provided soil survey cost estimate**

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 8

**MINUTES OF ANY MEETINGS THAT SHOW SUPPORT OR OBJECTION TO
THE CONCEPT**

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. No. 0008234 OFFICE: Environmental/Location
DATE: August 4, 2006

FROM  Harvey D. Keeper, State Environmental/Location Engineer

TO Distribution Below

SUBJECT PUBLIC INFORMATION OPEN HOUSE SYNOPSIS

PROJECT No. & COUNTY: CSNHS-0008-00(234), Gwinnett

PROJECT DESCRIPTION: I-85 NB from I-985 to SR 20

DATE: August 3, 2006

NUMBER IN ATTENDANCE: 15

FOR: 5

CONDITIONAL: 1

UNCOMMITTED: 0

AGAINST: 0

OFFICIALS IN ATTENDANCE: 2

ADDITIONAL COMMENTS: None

PREPARED BY: Christa Wilkinson

TELEPHONE No.: (404) 699-4437

cc: David E. Studstill, Jr., P.E.
Russell McMurry
Jonathan Cox
Susan Knudson
Neal O'Brien
Terri Pope
Don Attaway

Comments by Person
I-85 North Bound Lane Extension Project
Public Information Open House
3-Aug-06

<i>Prefix</i>	<i>First</i>	<i>Last</i>	<i>Address</i>	<i>City</i>	<i>State</i>	<i>Zip</i>	<i>Support</i>	<i>Category 1</i>	<i>Sub Category 1</i>	<i>Comment 1</i>
Mr.	Alphonso	Gonzalez	3337 Baymount Way	Lawrenceville	Georgia	30043	Against	Environment	Noise	I'm a neighbor of I-85 and I live with a high level of noise and pollution. With the project extending the 3rd lane, it will mean an increase even more highway noise and pollution.
								Community Impact	Property Values	Project will result in reduced property values
Ms.	Celine	Ulgado	3304 Baymount Way	Lawrenceville	Georgia	30043	Against	Environment	Noise	I'm strongly against this project in its current form. Extending the third lane and shoulder on the outside of I-85 will reduce what little buffer there is between our homes on Baymount Way and the very busy and very noisy interstate. If the extension is built this way, it will bring the interstate even closer to our homes, reduce the trees that serve to muffle noise and screen off our neighborhood.
								Design	Alignment	Why not build the extension on the other side of the interstate instead, where there is a wide median? The lanes would have to be shifted slightly, but the same result can be achieved without hurt nearby residents.
								Community Impact	Quality of Life	Fewer trees, more noise will reduce quality of life
Ms.	Teresa	Shelhart	3304 Baymount Way	Lawrenceville	Georgia	30043	Against	Design	Alignment	I do not approve of the way you have designed this addition. Instead of taking more of the median from the middle you are moving the highway closer to our back yards. Please reconsider your design. The money you use to make these roads comes from us.
								Environment	Noise	Sound is already bad, and you are removing what little noise buffer we have by cutting down the trees we have left.
Mr.	Steve	Jett	2681 Tybee Drive	Buford	Georgia	30519	For	Design		Should go to Hamilton Mill
Ms.	Efigenia	Jett	2681 Tybee Drive	Buford	Georgia	30519	For			
Mr.	Gregory	Owens	950 Forest Park Lane	Suwanee	Georgia	30024	For	Purpose & Need	Support	Wise project, no delays, finish ASAP.
Mr.	John	Roos	2667 Brook Forest Drive	Lawrenceville	Georgia	30043	For	Purpose & Need	Support	This should help with the bottleneck that occurs daily at the split of I-985 & I-85. My only concern is that it will move the bottleneck further north.

Ms.	Lezlie	Zessack	2945 Heather Stone Way	Lawrenceville	Georgia	30043 Conditional	Environment	Noise	Install sound barrier along Willow Bends Pagoda cul de sac. I understand study showed 4 homes were affected & also understand budget demands. When was study done? Were leaves on trees?
Mr.	John	Ludke	1281 Prospectors Drive	Lawrenceville	Georgia	30043 For	Purpose & Need	Support	I wish it could have been completed when Hwy. 20 was completed.
						For	Purpose & Need	Traffic	Traffic is a mess, and I am for anything to make it better. Would like to see improvements at the time other construction is going on rather than waiting until there is gridlock.

Summary of Comment from Public Information Open House (PIOH)

A public information open house was held on August 3, 2006. There were a total of nine (9) comments received from the public. A majority of the comments (55%) were in favor of the proposed lane extension. A small number of comments (22%) were conditionally in favor of the proposed project. And a small number of comments (22%) were against the proposed project. Comments that were conditionally in favor of the project wanted noise walls to be considered as part of the project and also felt that the design should widen the lane extension to the inside of I-85 northbound versus the outside. And comments that were against the project felt that extending the proposed I-85 northbound lane would increase noise levels.

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 10

LOCATION AND DESIGN NOTICE (ON MINOR PROJECTS)

Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

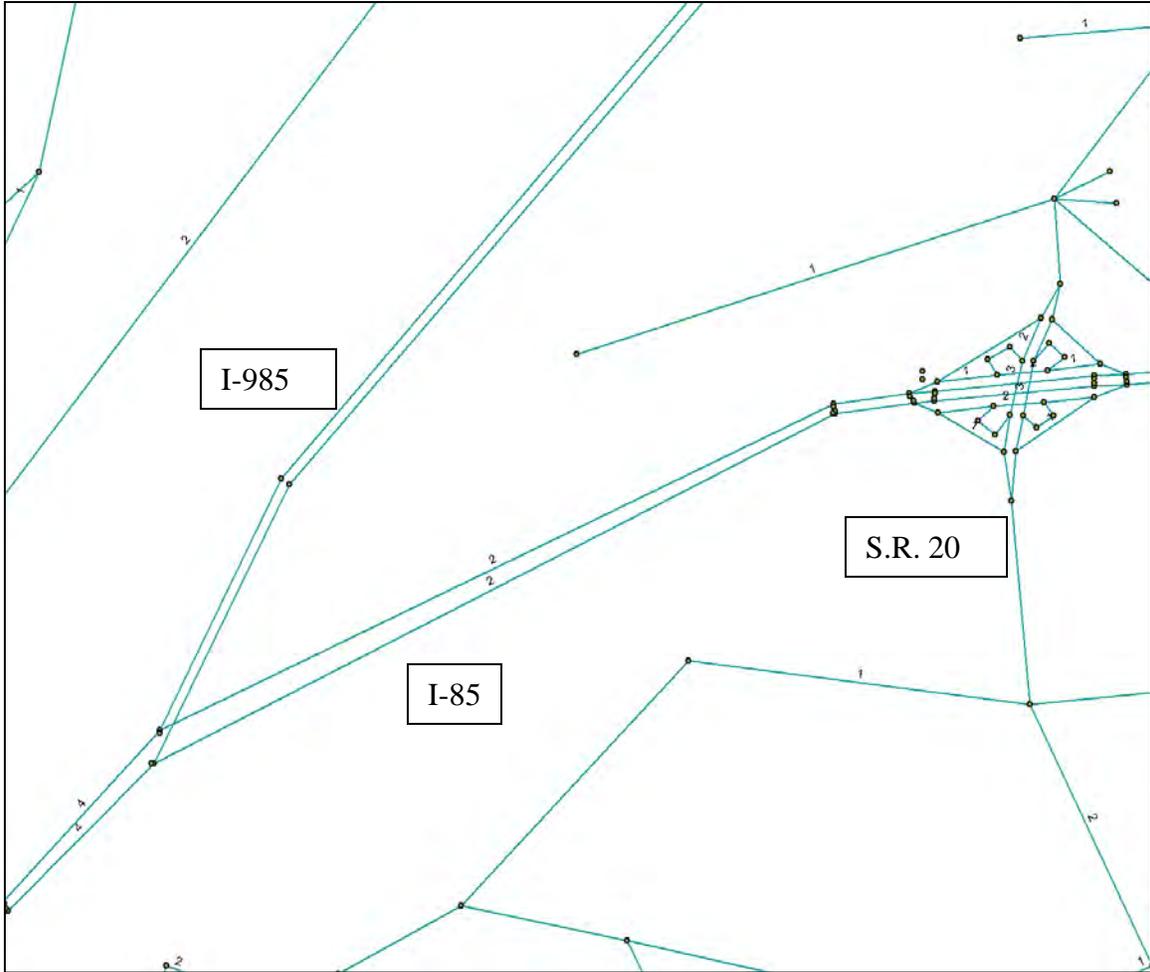
CONCEPT REPORT

ATTACHMENT 11

CONFORMING PLAN'S NETWORKS SCHEMATICS SHOWING THRU LANES

Conforming Plan's Network Schematic:

2010 ARC:



2030 ARC:



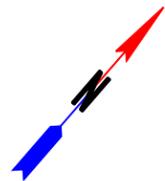
Project Number: CSNHS-0008-00(234)
P.I. Number: 0008234
County: Gwinnett

CONCEPT REPORT

ATTACHMENT 12

OTHER ITEMS REFERRED TO IN THE BODY OF THE REPORT

CONCEPT LAYOUT



LEGEND	
EXIST. EDGES OF PVMT. -----	PROPOSED ROADWAY 
EXIST. PROP. LINES - - - - -	PROPOSED PAVED SHOULDER 
PROPOSED R/W 	PROPOSED PAVED SHOULDER 
PROPOSED C 	
CONSTRUCTION LIMITS 	

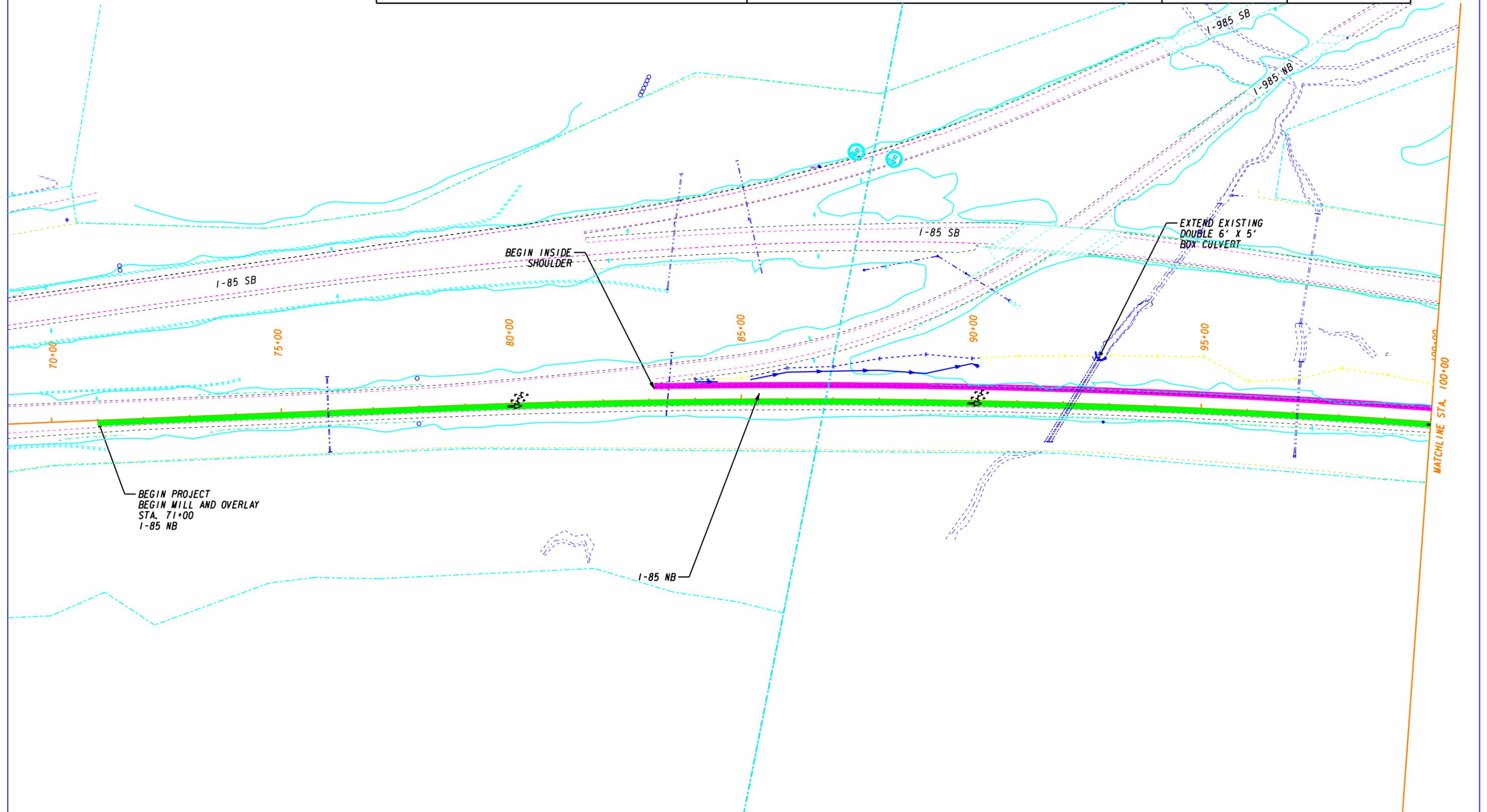
CONCEPTUAL ALIGNMENT
I-85 /S.R. 403

GEORGIA DEPARTMENT OF TRANSPORTATION
I-85 NB /S.R. 403 LANE EXTENSION FROM I-985 TO S.R. 20
PROJECT NO. CSNHS-0008-00(234)
PI NO. 0008234 GWINNETT COUNTY

HNTB

3715 NORTHSIDE PARKWAY, NW
400 NORTHCREEK, SUITE 600
ATLANTA, GEORGIA 30327

SCALE: 1"=100' SHEET 1 OF 4





LEGEND	
EXIST. EDGES OF PVMT.	PROPOSED ROADWAY
EXIST. PROP. LINES	PROPOSED PAVED SHOULDER
PROPOSED R/W	PROPOSED PAVED SHOULDER
PROPOSED ϵ	
CONSTRUCTION LIMITS	

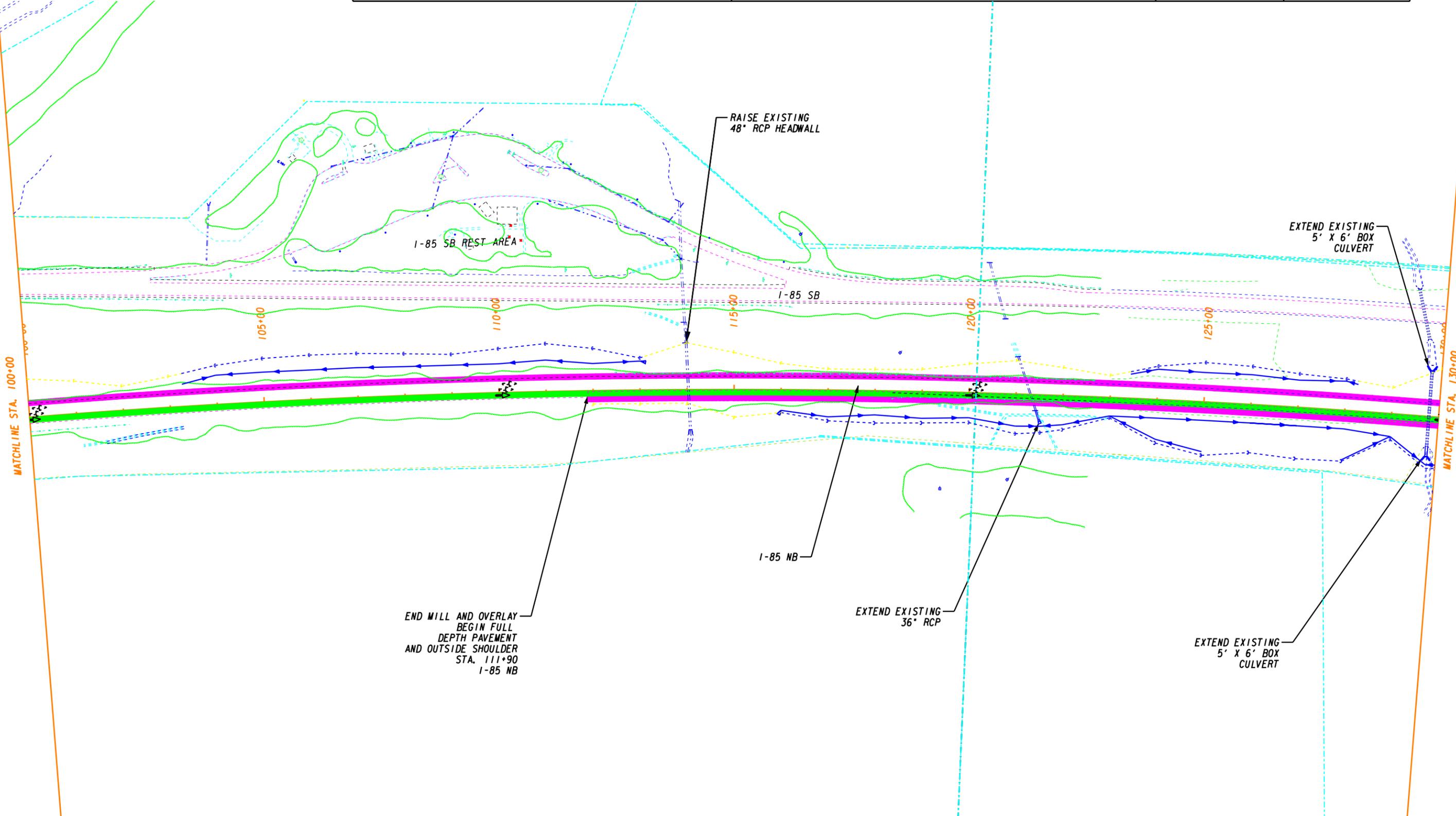
CONCEPTUAL ALIGNMENT
I-85 /S.R. 403

GEORGIA DEPARTMENT OF TRANSPORTATION
I-85 NB /S.R. 403 LANE EXTENSION FROM I-985 TO S.R. 20
PROJECT NO. CSNHS-0008-00(234)
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HNTB

3715 NORTHSIDE PARKWAY, NW
400 NORTHCREEK, SUITE 600
ATLANTA, GEORGIA 30327

SCALE: 1"=100' SHEET 2 OF 4





LEGEND	
EXIST. EDGES OF PVMT.	PROPOSED ROADWAY
EXIST. PROP. LINES	PROPOSED PAVED SHOULDER
PROPOSED R/W	PROPOSED PAVED SHOULDER
PROPOSED CL	
CONSTRUCTION LIMITS	

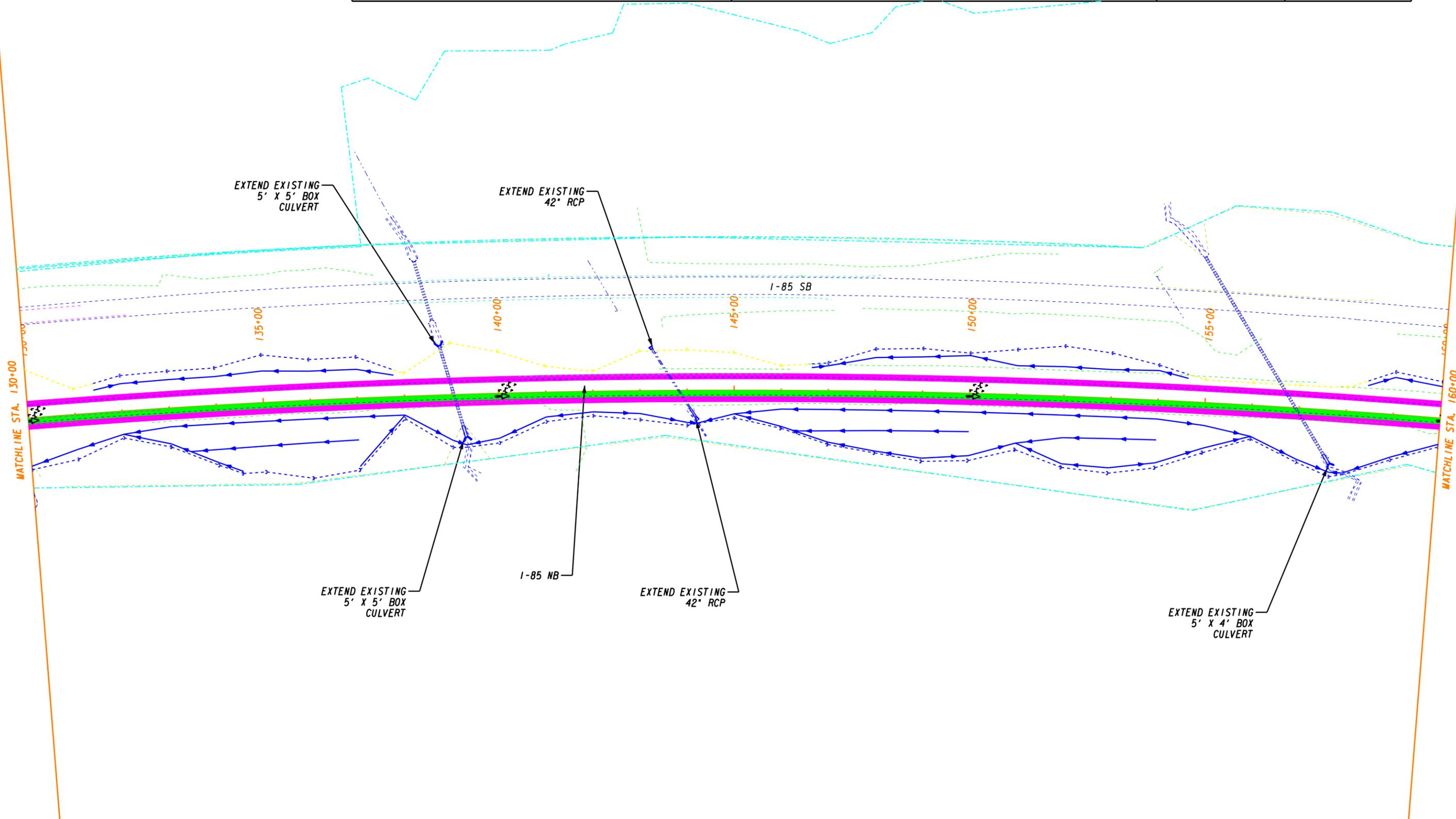
CONCEPTUAL ALIGNMENT
I-85 /S.R. 403

GEORGIA DEPARTMENT OF TRANSPORTATION
I-85 NB /S.R. 403 LANE EXTENSION FROM I-985 TO S.R. 20
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HNTB

3715 NORTHSIDE PARKWAY, NW
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SCALE: 1"=100' SHEET 3 OF 4





LEGEND	
EXIST. EDGES OF PVMT.	PROPOSED ROADWAY
EXIST. PROP. LINES	PROPOSED PAVED SHOULDER
PROPOSED R/W	PROPOSED PAVED SHOULDER
PROPOSED CL	PROPOSED PAVED SHOULDER
CONSTRUCTION LIMITS	

CONCEPTUAL ALIGNMENT
I-85 /S.R. 403

GEORGIA DEPARTMENT OF TRANSPORTATION
I-85 NB /S.R. 403 LANE EXTENSION FROM I-985 TO S.R. 20
PROJECT NO. CSNHS-0008-00(234)
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SCALE: 1"=100' SHEET 4 OF 4

