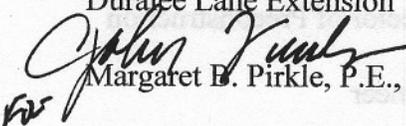


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0004425 Douglas County **OFFICE** Preconstruction
 MSL-0004-00(425)
 Duralee Lane Extension **DATE** March 24, 2005

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

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

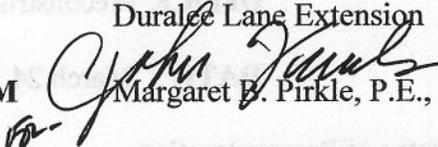
DISTRIBUTION:

- David Mulling
- Harvey Keeper
- Ken Thompson
- Jamie Simpson
- Michael Henry
- Keith Golden
- Joe Palladi (file copy)
- Paul Liles
- Babs Abubakari
- Bryant Poole
- BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE MSL-0004-00(425) Douglas County **OFFICE** Preconstruction
P.I. No. 0004425
Duralee Lane Extension **DATE** March 14, 2005

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the Duralee Lane Extension from Fairburn Road/SR 92 to Dorris Road to provide better access to the Douglas County Multimodal Transportation Center. This facility currently serves as the westernmost hub for GRTA's regional bus service and for local vanpool service. The only current access to the transportation center is along Dorris Road. This requires transit vehicles to take left turns at the crowded signalized intersections of Fairburn Road (SR 92)/ Hospital Drive and Hospital Drive/Dorris Road. Providing access to the transportation center by the extension of Duralee Lane will simplify the route and travel time for transit vehicles and transit customers. Removal of these vehicles from other congested intersections will promote the safety and operational efficiency of these intersections.

The proposed construction will extend the existing portion of Duralee Lane across Slater Mill Creek and then along the western boundary of the Douglas County Multimodal Transportation Center before creating a "T" intersection at Dorris Road. The proposed extension is 0.59 miles long. The typical section will consist of a two, 12' travel lane with a variable median (20' raised, 14' flush, and variable with painted). Traffic will be maintained along existing road during construction.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion is anticipated; a public meeting is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$1,594,000	\$1,400,000	RRB	2006
Right-of-Way & Utilities*	LGPA	LGPA		

David Studstill

Page 2

MSL-0004-00(425) Douglas

March 14, 2005

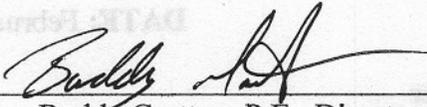
*Douglas County signed PMA on 12-3-03 for PE, right-of-way, utilities and construction.

I recommend this project concept be approved.

MBP:JDQ/cj

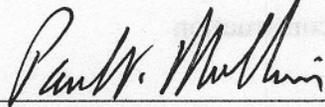
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

APPROVE



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

Attached is the original Concept Report for your further handling for approval in accordance with the Plan Development Process.

By copy of this letter, additional copies are being distributed to the list of names below for review and comment. Please return signed cover sheet and any comments to Meg Pitke for further processing.

If you have any questions concerning this report, please contact Ralph L. Menow, Jr. of this office at (404) 463-4947.

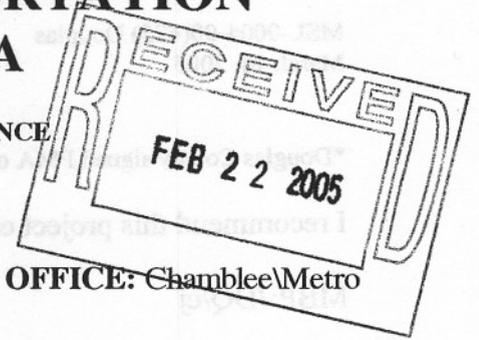
BP/vim

Attachment

cc: Joe Palsodi, w/attachment
Jamie Simpson, w/attachment
Harvey Keeler, w/attachment
Keith Golden, w/attachment
David Mallory, w/attachment
Paul Liles, w/attachment
File

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE



FILE: MSL-0004-00(425), Douglas County
Duralee Lane Extension from
Fairburn Road/SR 92 to Dorris Road
P.I. No. 0004425

OFFICE: Chamblee Metro

DATE: February 22, 2005

FROM: ^{BRP} Bryant Poole, Metro District Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: PROJECT CONCEPT REPORT

Attached is the original Concept Report for your further handling for approval in accordance with the Plan Development Process.

By copy of this letter, additional copies are being distributed to the list of names below for review and comment. Please return signed cover sheet and any comments to Meg Pirkle for further processing.

If you have any questions concerning this report, please contact Ralph L. Merrow, Jr. of this office at (404) 463-4947.

BP\rlm

Attachment

cc: Joe Palladi, w/attachment
Jamie Simpson, w/attachment
Harvey Keepler, w/attachment
Keith Golden, w/attachment
David Mulling, w/attachment
Paul Liles, w/attachment
File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 7 Office

Project Concept Report

Project Number: MSL-0004-00(425)

County: Douglas

P. I. Number: 0004425

Federal Route Number: NA

State Route Number: Temporary State Route (To Be Assigned)

Duralee Lane Extension

Recommended for approval:

DATE: 2/22/05

Neil Adams

Project Manager

DATE: 2/18/05

Bryant Hooe

District Seven Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Office of Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

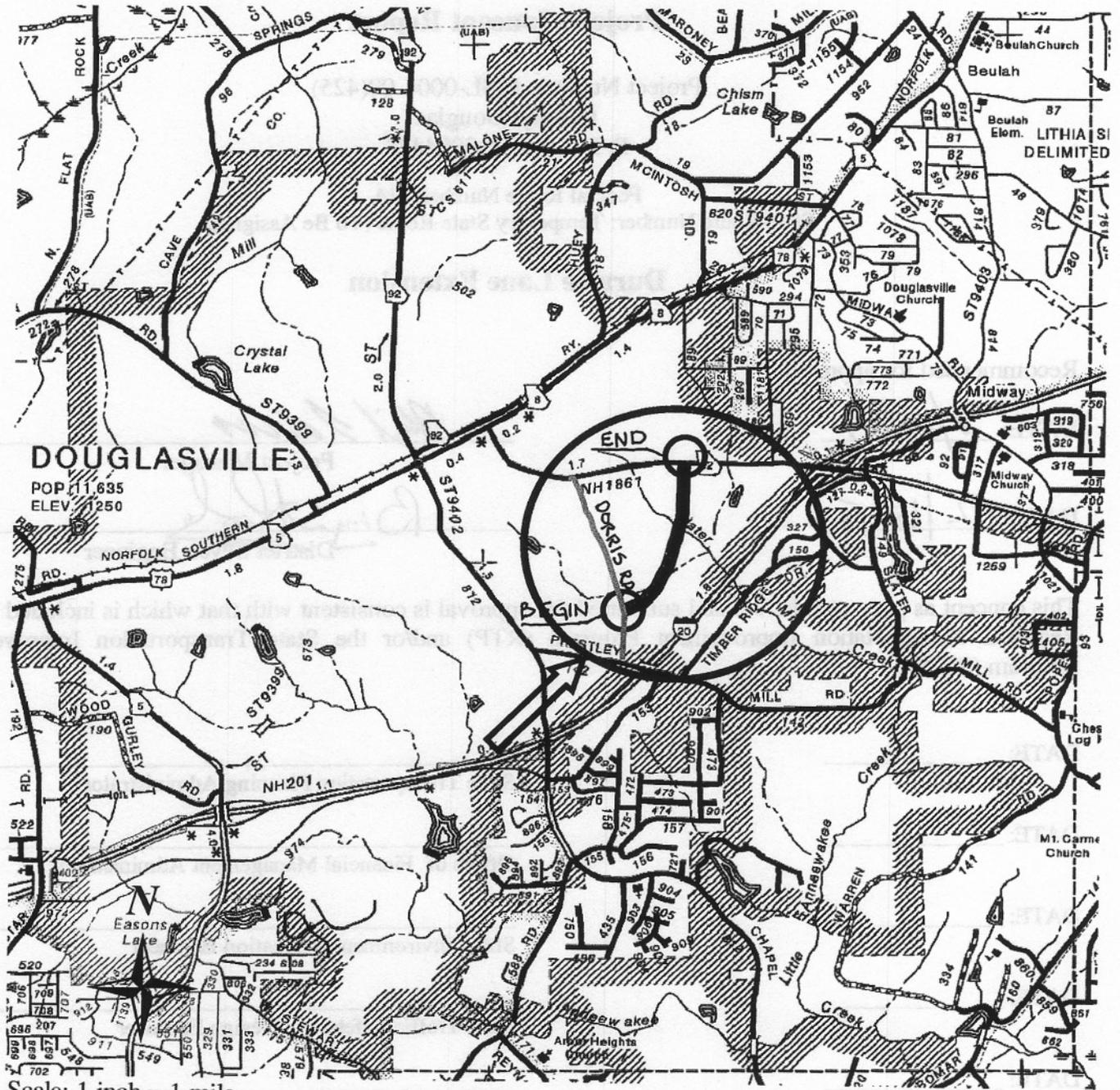
DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

Project MSL-0004-00(425) Douglas County PI No: 0004425
Description: Duralee Lane extension from Fairburn Road (SR 95) to Dorris Road



Location Map

Project: MSL-0004-00(425) Douglas County PI No.: 0004425

Description: Duralee Lane extension from Fairburn Road (SR 92) to Dorris Road

Need and Purpose:

The Douglas County Multimodal Transportation Center recently opened in Douglasville. This facility currently serves as the westernmost hub for GRTA's regional bus service and for local vanpool service. This facility is already reaching its limits for parking and currently serves about 325 riders per day (round-trip). Anticipated growth for ridership is 75-100 additional riders per year. The phase 3 parking lot is currently being designed and is expected to open near the end of 2005.

The only current access to the transportation center is along Dorris Road. This requires transit vehicles to take left turns at the crowded signalized intersections of Fairburn Road (SR 92)/Hospital Drive and Hospital Drive/Dorris Road. Providing access to the transportation center by the extension of Duralee Road will simplify the route and travel time for transit vehicles and transit customers. Removal of these vehicles from other congested intersections will promote the safety and operational efficiency of these intersections.

Future growth and the potential addition of a High Occupancy Vehicle (HOV) interchange south of Dorris Road at Interstate 20 will further facilitate the need for additional access to the area around the transportation center. The I-20 HOV Project number is MSL-0003-00(165), Douglas Co.,P.I. No. 0003165.

Description of the project:

This project is 0.59 miles in length and is located entirely within Douglas County and within the city limits of Douglasville. This proposed project will extend the existing portion of Duralee Lane across Slater Mill Creek and then along the western boundary of the Douglas County Multimodal Transportation Center before creating a "T" intersection at Dorris Road. The termini for this project were established by the existing end of Duralee Lane and the location of the Douglas County Multimodal Transportation Center. The concept proposes to satisfy the need and purpose by providing an alternate, dedicated route to the transportation center. This route will provide more efficient access to/from Interstate-20 and thus alleviate congestion in other areas.

Is the project located in a Non-attainment area? Yes No

PDP Classification: Major , Minor

Federal Oversight: Full Oversight , Exempt , State Funded , or Others

Functional Classification: Minor Urban Collector

U. S. Route Number(s): NA State Route Number(s): Temporary To Be Assigned

Traffic (AADT):

Current Year: (2005) Duralee Lane – 1,010
Fairburn Road (SR 92) – 37,100
Dorris Road – 320

Design Year: (2025) Duralee Lane – 6,200
Fairburn Road (SR 92) – 47,200
Dorris Road – 4,100

- Major intersections and interchanges: Duralee Lane at Fairburn Road (SR 92), Duralee Lane at Dorris Road
- Traffic control during construction: Mostly new construction. One lane operation as necessary for milling, resurfacing and restriping existing Duralee Lane.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SITE DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: None
- Environmental concerns: Slater Mill Creek, Unnamed Tributary of Slater Mill Creek, wetland west of Douglas County Multimodal Transportation Center
- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes , No
 - ⇒ Categorical Exclusion:
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement: Douglas County Water and Sewer Authority

Project responsibilities:

- ⇒ Design, Douglas County
- ⇒ Right of Way Acquisition, Douglas County
- ⇒ Relocation of Utilities, Douglas County
- ⇒ Letting to contract, Douglas County
- ⇒ Supervision of construction, Douglas County
- ⇒ Providing material pits, Contractor
- ⇒ Providing detours, NA

Coordination:

- Initial Concept Team Meeting Date N/A (Waived)
- Concept Team Meeting Date December 15, 2004
- Public involvement: Public Information Open House Date TBA, 2005
- Local Government Comments: None
- Other projects in area: I-20 @ Fairburn Road, SR 92 Widening , I-20 HOV: MSL-0003-00(165), Douglas County, P.I. No. 0003165, Future expansions of the Douglas Co. Transportation Center
- Railroads: None

- Other coordination to date: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 4 Months.
- Time to complete preliminary construction plans: 2 Months.
- Time to complete right of way plans: 3 Month.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 1 Months.
- Time to complete purchase right of way: 6 Months.
- List other major items that will affect the project schedule: None.

Alternates considered:

- 1) **Preferred Alternative – Duralee Lane Extension from existing end of road to Dorris Road. The new road will run along the west side of the Douglas County Multimodal Transportation Center.** This alternative addresses the needs for the project. Congestion at the intersections of Fairburn Road (SR 92) and Hospital Drive, and Hospital Drive and Dorris Road will be alleviated and better access will be provided to the transportation center. In addition, the proposed alignment coordinates well with future plans to develop an HOV interchange on Interstate-20 to the south of the transportation center.
- 2) **No-Build Alternative** – This alternative does not address the very significant congestion issues at the intersections of Fairburn Road (SR 92) and Hospital Drive and Hospital Drive and Dorris Road. The no-build alternative does not provide the necessary improved access for regional bussing between Duralee Lane and Interstate-20 prior to the construction of a future HOV interchange.
- 3) **Duralee Lane Extension from existing end of road and connecting into the north side of the Douglas County Multimodal Transportation Center.** This alternative was eliminated due to conflict with thru traffic and pedestrian traffic.

Comments: The proposed construction of Duralee Lane was designed not to preclude any of several future HOV interchange alternatives. Coordination with GDOT's consultant for developing the Interstate-20 HOV interchange for the bus station is ongoing, and the preferred alternative provides the best partnership with the potential HOV alternatives.

Attachments:

1. Cost Estimates:
 - a) Construction including E&C,
 - b) Right of Way, and
 - c) Utilities.
2. Typical Sections
3. Minutes of Concept Meeting
4. Location and Design Notice

Estimate Report for file "004425"

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1.00	LS	24000.00	TRAFFIC CONTROL - PROJECT NO. MSL-0004-00(425)	24000.0
153-1300	1.00	EA	49749.21	FIELD ENGINEERS OFFICE TP 3	49749.21
201-1500	1.00	LS	72000.00	CLEARING & GRUBBING -	72000.0
210-0100	1.00	LS	166496.00	GRADING COMPLETE -	166496.0
310-5060	130.00	SY	6.58	GR AGGR BASE CRS, 6 INCH, INCL MATL	855.4
310-5120	16900.00	SY	13.96	GR AGGR BASE CRS, 12 INCH, INCL MATL	235924.0
402-3112	1600.00	TN	45.62	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	72992.0
402-3113	1300.00	TN	44.66	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	58057.99
402-3121	3000.00	TN	36.07	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	108210.0
413-1000	1100.00	GL	0.95	BITUM TACK COAT	1045.0
432-5010	1600.00	SY	1.50	MILL ASPH CONC PVMT, VARIABLE DEPTH	2400.0
441-0014	110.00	SY	22.45	DRIVEWAY CONCRETE, 4 IN TK	2469.5
441-0104	2100.00	SY	22.10	CONC SIDEWALK, 4 IN	46410.0
441-6222	1800.00	LF	10.67	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	19206.0
441-6740	3800.00	LF	9.22	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	35036.0
550-1180	330.00	LF	27.66	STORM DRAIN PIPE, 18 IN, H 1-10	9127.8
634-1200	38.00	EA	84.47	RIGHT OF WAY MARKERS	3209.86
641-1200	1000.00	LF	11.27	GUARDRAIL, TP W	11270.0
641-5001	4.00	EA	429.03	GUARDRAIL ANCHORAGE, TP 1	1716.12
641-5012	4.00	EA	1387.48	GUARDRAIL ANCHORAGE, TP 12	5549.92
668-1100	6.00	EA	1754.06	CATCH BASIN, GP 1	10524.36
Section Sub Total:					\$936,249.17

Section Temporary Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	3.00	AC	458.11	TEMPORARY GRASSING	1374.33
163-0240	110.00	TN	194.07	MULCH	21347.7
163-0300	2.00	EA	1062.35	CONSTRUCTION EXIT	2124.7
163-0520	220.00	LF	11.84	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	2604.8
163-0530	380.00	LF	2.24	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	851.2
163-0550	6.00	EA	177.85	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1067.1
165-0010	250.00	LF	1.01	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	252.5
165-0030	1700.00	LF	1.29	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	2193.0
165-0070	380.00	LF	1.23	MAINTENANCE OF BALED STRAW EROSION CHECK	467.4
165-0101	2.00	EA	350.56	MAINTENANCE OF CONSTRUCTION EXIT	701.12
165-0105	6.00	EA	80.22	MAINTENANCE OF INLET SEDIMENT TRAP	481.32
167-1000	2.00	EA	2417.94	WATER QUALITY MONITORING AND SAMPLING	4835.88
167-1500	9.00	MO	822.30	WATER QUALITY INSPECTIONS	7400.7
171-0010	500.00	LF	1.71	TEMPORARY SILT FENCE, TYPE A	855.0
171-0030	3400.00	LF	3.15	TEMPORARY SILT FENCE, TYPE C	10710.0
Section Sub Total:					\$57,266.75

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	5.00	AC	742.83	PERMANENT GRASSING	3714.15
700-7000	15.00	TN	57.90	AGRICULTURAL LIME	868.5
700-7010	13.00	GL	20.29	LIQUID LIME	263.77
700-8000	4.00	TN	235.83	FERTILIZER MIXED GRADE	943.32
700-8100	250.00	LB	1.43	FERTILIZER NITROGEN CONTENT	357.5
716-2000	2300.00	SY	1.10	EROSION CONTROL MATS, SLOPES	2530.0
Section Sub Total:					\$8,677.24

Section Signing & Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	100.00	SF	13.09	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1309.0
636-2030	216.00	LF	5.10	GALV STEEL POSTS, TP 3	1101.6
653-0120	10.00	EA	56.40	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	564.0
653-1501	12100.00	LF	0.25	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	3025.0
653-1502	1300.00	LF	0.23	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	299.0
653-1704	98.00	LF	3.18	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	311.64
653-3501	590.00	GLF	0.14	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	82.60
653-3502	1400.00	GLF	0.13	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	182.0
653-6006	370.00	SY	2.53	THERMOPLASTIC TRAF STRIPING, YELLOW	936.09
654-1001	39.00	EA	3.20	RAISED PVMT MARKERS TP 1	124.80
654-1003	55.00	EA	3.19	RAISED PVMT MARKERS TP 3	175.45
Section Sub Total:					\$8,111.19

Section Bridge Culvert #1 - Double 8x6

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	80.00	CY	34.21	FOUND BK FILL MATL, TP II	2736.8
500-3101	230.00	CY	426.84	CLASS A CONCRETE	98173.2
511-1000	23000.00	LB	0.63	BAR REINF STEEL	14490.0
603-1024	262.00	SY	55.00	STN PLAIN RIP RAP, 24 IN	14410.0
603-7000	262.00	SY	3.53	PLASTIC FILTER FABRIC	924.85
Section Sub Total:					\$130,734.86

Section Bridge Culvert #2 - Double 6x6

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	80.00	CY	34.21	FOUND BK FILL MATL, TP II	2736.8
500-3101	220.00	CY	426.84	CLASS A CONCRETE	93904.79
511-1000	7700.00	LB	0.63	BAR REINF STEEL	4851.0
603-1024	192.00	SY	55.00	STN PLAIN RIP RAP, 24 IN	10560.0
603-7000	192.00	SY	3.53	PLASTIC FILTER FABRIC	677.76
Section Sub Total:					\$112,730.36

Section Signal Modification

Item Number	Quantity	Units	Unit Price	Item Description	Cost
647-1000	1.00	LS	60000.00	TRAFFIC SIGNAL MODIFICATION NO -1	60000.0
Section Sub Total:					\$60,000.00

Total Estimated Cost: \$1,313,769.57

Subtotal Construction Cost \$1,313,769.57

E&C Rate 10.0 % \$131,376.96

Inflation Rate 5.0 % @ 2.0 Years \$148,127.52

Total Construction Cost \$1,593,274.05

Right Of Way \$535,035.00

ReImb. Utilities \$50,000.00

Concept Team Meeting Minutes

Project: Georgia Project Number - MSL-0004-00(425)
Georgia PI Number - 0004425
Douglas County Project Number -

Date: December 15, 2004

On December 15, 2004 at 9:30 a.m., a Concept Team Meeting was held at the Douglas County Courthouse Citizens Hall to review the concept report for project number STP-0004-00(425). The following were in attendance:

<u>GDOT</u>	<u>Douglas Co.</u>	<u>MAAI</u>	<u>PBS&I</u>
Ralph Merrow, Jr. (Dist. 7)	Randy Hulsey (DOT)	Ronald Nix	Ron Morris
Scott Lee (Dist. 7)	Keary Lord (DOT)	Lee Maxfield	Dan McDuff
Jeffrey Cantey	Carolyn Westbrook (DOT)		Scott Rumble
Loren Frost	Gary Westmoreland (DOT)		Patrick Tse
Harry Graham			
Lisa Myers			
Wade Woodard		<u>City of Douglasville</u>	
Camileo Bagsby		Michelle Wright	
	<u>Utilities</u>		
Sandy Beasley- Grey Stone Power			
Daniel Hall- Bellsouth			
Robyn Addison- Atlanta Gas Light			

*Project No. STP-0004-00(425), Douglas County, Duralee Lane
Extension from Dorris Road to Fairburn Road (SR 92).*

Dan McDuff described the project in detail and the concept report was reviewed. The following comments were made:

- Mr. McDuff discussed the different alternatives studied.

Project Meeting Minutes

STP-0004-00(425)

December 15, 2004

Page 2

- He identified the 2 major constraints to the design. At one end, the road needs to avoid the wetland near the Slater Mill Creek. At the other end of the project, it needs to minimize impact to the Albertson property.
- Scott Lee mentioned that provisions should be made for breakdowns. Dan McDuff suggested the addition of bike lanes could solve the problem.
- Randy Hulsey was in agreement that bike lanes would be sufficient to handle breakdowns and would be a nice addition to the multi-modal facility.
- Michelle Wright mentioned about the two MS&E projects (SR 92 Relocation - 2008 and I-20 at Fairburn Road - 2006) in proximity to this project. She suggested PBS&J to contact Mr. Jim Croy of Urban Design to coordinate those projects.
- Mr. McDuff stated that PBS&J has worked closely with CTE on the I-20 HOV Interchange project to determine the optimal terminus for Duralee Lane.
- Mr. Hulsey mentioned that PBS&J has coordinated with Stantec on the parking lot expansion of the Transportation Center along this project. Further coordination with Stantec will be required regarding the relocation of the detention pond.
- Mr. McDuff noted that this is a CE project. Thus, only a nationwide 23 permit will be needed. He stated that the environmental studies were completed, and archaeology will be completed in couple of weeks. Furthermore, there is very minimal utilities impact along the project corridor. The sewer line along Slater Mill Creek is the only impact identified at this time.
- Mr. Lee questioned the reasoning behind the urban section with raised median for this road. Mr. Hulsey elaborated on the need for this typical section. He stated that the median is for esthetic purpose (part of the County Campus environment) and not necessarily for traffic control.
- Ronald Nix asked about the cost for the addition of bike lanes. Due to the GRTA budget for the project, bike lanes might not be feasible at this time.
- Scott Rumble discussed the traffic studies of the project. He mentioned the existing Duralee Lane has a LOS of B. He used the ARC model to project traffic volume along SR 92. He determined that there will be a 30 % increase in traffic volume by 2025. Based on his current model, he determined the LOS for Duralee Lane in 2025 to be C or D. He will coordinate with the MS&E projects to finalize the traffic projection.
- Mr. Nix asked if any of the courthouse traffic was redirected to Duralee Lane in determining the traffic volume. Mr. Rumble stated that he did not include the traffic growth around the courthouse since it is outside of the study area.
- Mr. Nix stated his concern for the left turning movements onto SR 92. He wanted to make sure PBS&J to include them into the traffic studies.
- Ralph Merrow asked about the need for a traffic signal at the Dorris Road/Duralee Lane intersection. Mr. Rumble mentioned he will look into it, but did not anticipate a signal would be required.
- Mr. Hulsey mentioned about the left turn bus movement from Duralee Lane into the Transportation Center. He wanted to make sure the turning capabilities of buses are considered.

Project Meeting Minutes

STP-0004-00(425)

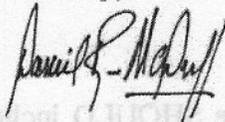
December 15, 2004

Page 3

- Keary Lord asked about the storage length at the median opening into the Senior Center and the Transportation Center. Mr. McDuff stated that the 660' spacing between openings standard would not apply to this project.
- A GDOT representative mentioned about adding U-turn movements at all median openings. Mr. McDuff replied that adding U-turn bays according to GDOT standards would be very costly and esthetically displeasing.
- Mr. Merrow wanted to extend the sidewalk all the way to the SR 92 intersection.
- Mr. Nix and Mr. Hulsey requested that PBS&J to show median openings at the future developing property. Mr. Hulsey wanted to make sure the openings are as equitable to both sides of road as possible without compromising safety.
- Mr. Nix mentioned that the bike lane could be contracted out as a separate project in the future to save money.
- Mr. Lee suggested that changing to a rural shoulder on both sides to save money. Ron Morris asked about the clear zone issue with this suggestion. Mr. Lee stated that GDOT will allow sidewalk without curb and gutter as long as there is a minimum of 5' offset from the edge of pavement.
- Michelle Wright asked the County to do a formal presentation to the City Council since the road will be turned over to the City of Douglasville in the future. Mr. Hulsey replied that a formal presentation was not necessary since it would not require funding from the City. He gave her a 100 scale concept drawing to take back to the Council so they could comment on it.
-
- **Action Items:**
 - *Revise concept drawing as requested*
 - *Coordinate with CTE and Stantec on the latest revision to Duralee Lane*
 - *Investigate traffic impacts of the MS&E projects*
 - *Investigate the need for a signal at Dorris Road/Duralee Lane intersection*
 - *Revise concept report and cost estimate and submit for approval*

This document represents Post, Buckley, Schuh & Jernigan, Inc.'s interpretation of the meeting. Please contact the project manager if you have any questions.

Sincerely,



P.E.
Project Manager



NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. MSL-0004-00(425), Douglas County
P.I. No. 0004425

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 this project.

The date of location approval is MARCH 24, 2005.

The project consists of extending the existing Duralee Lane to provide better access to the Douglas County Multimodal Transportation Center. The project is located in Douglas County, 1st District, 5th Section, Land Lot 53.

The project includes construction of new road between the existing end of Duralee Lane and Dorris Road.

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

Michael Lankford, Area III Engineer
michael.lankford@dot.state.ga.us
940 Virginia Avenue
Hapeville, Georgia 30354
(404) 559-6699

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:

Mike Lobdell, Project Manager
Georgia Department of Transportation – District 7
mike.lobdell@dot.state.ga.us
5025 New Peachtree Road
Chamblee, Georgia 30341
(404) 463-4947

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 7 Office

Project Concept Report

Project Number: MSL-0004-00(425)

County: Douglas

P. I. Number: 0004425

Federal Route Number: NA

State Route Number: Temporary State Route (To Be Assigned)

Duralee Lane Extension

Recommended for approval:

DATE: 2/22/05

Neil Adams
Project Manager

DATE: 2/18/05

Bryant Hoke
District Seven Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: 2-22-05

Jane Dupin
Office of Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 7 Office

Project Concept Report

Project Number: MSL-0004-00(425)

County: Douglas

P. I. Number: 0004425

Federal Route Number: NA

State Route Number: Temporary State Route (To Be Assigned)

Duralee Lane Extension

Recommended for approval:

DATE: 2/22/05

Phil Adams
Project Manager

DATE: 2/18/05

Bryant Hoke
District Seven Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Office of Financial Management Administrator

DATE: 2.28.2005

Shirley D. Thompson
State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge & Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 7 Office

Project Concept Report

Project Number: MSL-0004-00(425)

County: Douglas

P. I. Number: 0004425

Federal Route Number: NA

State Route Number: Temporary State Route (To Be Assigned)

Duralee Lane Extension

Recommended for approval:

DATE: 2/22/05

Neil S. Allen

Project Manager

DATE: 2/18/05

Bryant Hood

District Seven Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Office of Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

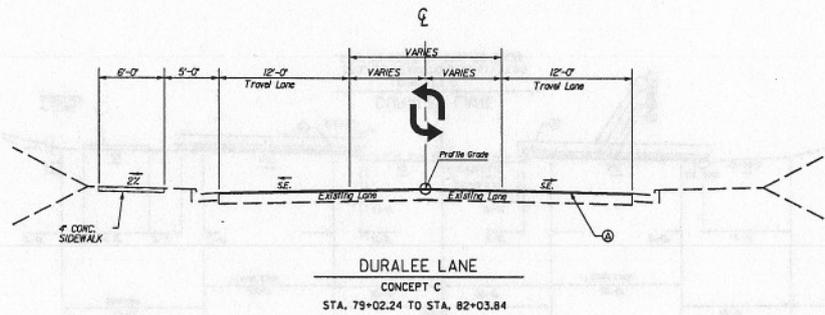
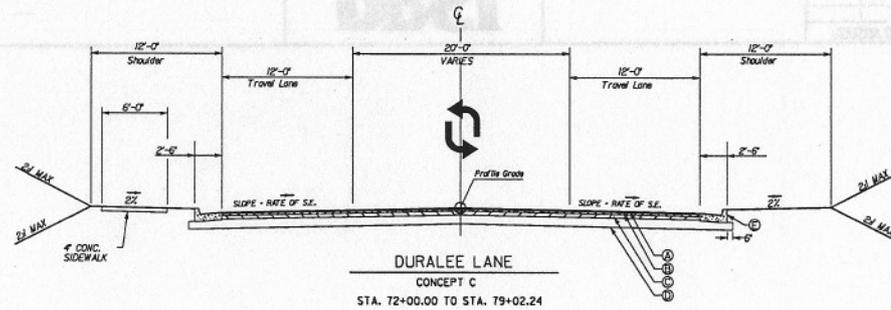
DATE: _____

Project Review Engineer

DATE: 2/28/05

Paul V. Tules Jr.

State Bridge & Structural Design Engineer



- NOTES:
1. FOR S.E. RATES AND LOCATIONS, SEE ROADWAY PLANS AND GA STD 9028C.
 2. LOCATION OF EXISTING PAVEMENT VARIES WITH RESPECT TO THE PROPOSED CONSTRUCTION CENTERLINE.
 3. SEE ROADWAY PLANS FOR LOCATION OF CURB AND GUTTER SECTION. SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE TIE TO EXISTING GROUND. SEE CROSS-SECTIONS FOR LOCATION.

- REQUIRED PAVEMENT
- ① ASPHALTIC CONCRETE 12.5mm SUPERPAVE, 165 LB/SY
 - ② ASPHALTIC CONCRETE 19mm SUPERPAVE, 220 LB/SY
 - ③ ASPHALTIC CONCRETE BASE 25mm SUPERPAVE, 440 LB/SY
 - ④ 12" GRADED AGGREGATE BASE
 - ⑤ 8"x30" CONC. CURB & GUTTER, GA. STD. 9032 B, TYPE 2
 - ⑥ 8"x30" CONC. CURB & GUTTER, GA. STD. 9032 B, TYPE 7



REVISION DATES

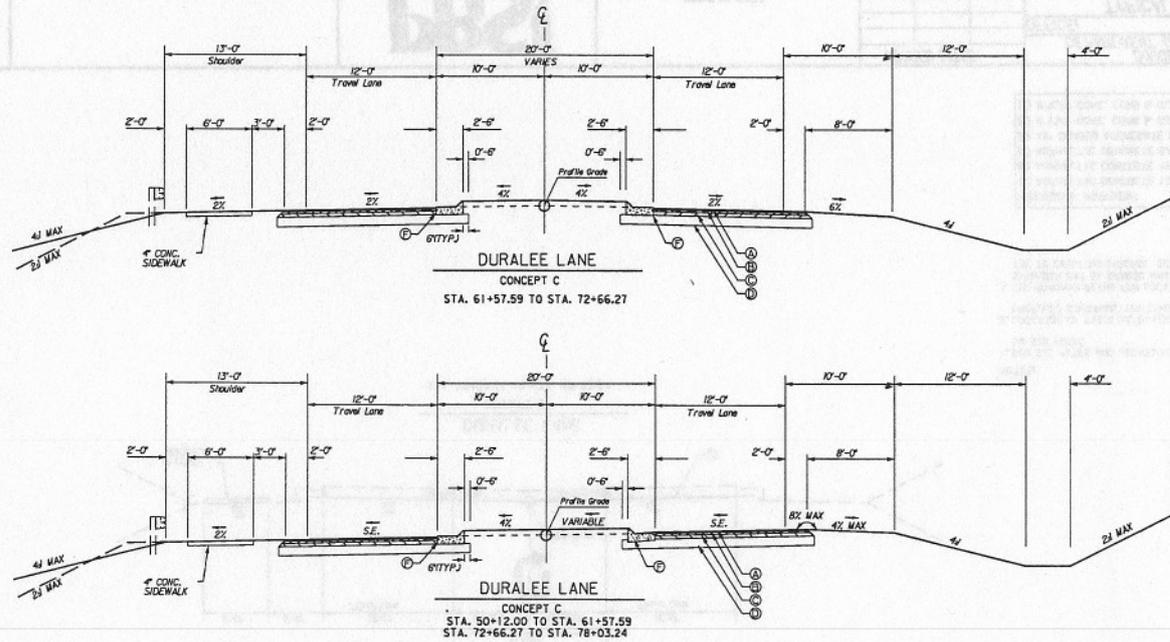
DOUGLAS COUNTY
DEPARTMENT OF TRANSPORTATION

OFFICE:

TYPICAL SECTIONS

DURALEE LANE EXTENSION

DRAWING NO.
5-2



- NOTES:
1. FOR S.E. RATES AND LOCATIONS, SEE ROADWAY PLANS AND GA STD 9028C.
 2. LOCATION OF EXISTING PAVEMENT VARIES WITH RESPECT TO THE PROPOSED CONSTRUCTION CENTERLINE.
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REVISION DATES

DOUGLAS COUNTY
DEPARTMENT OF TRANSPORTATION

OFFICE: **TYPICAL SECTIONS**

DURALEE LANE EXTENSION

DRAWING NO. 5-1