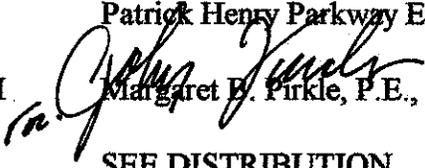


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE MSL-0004-00(431) Henry County **OFFICE** Preconstruction
P. I. No. 00004431
Patrick Henry Parkway Extension **DATE** April 22, 2004

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

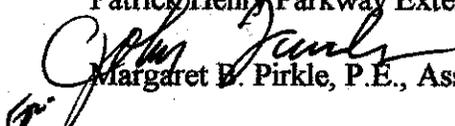
DISTRIBUTION:

David Mulling
Harvey Keeper
Jerry Hobbs
Jamie Simpson
Michael Henry
Phillip Allen
Joe Palladi (file copy)
Paul Liles
Brent Story
Ben Buchan
Thomas Howell
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE MSL-0004-00(431) Henry County **OFFICE** Preconstruction
P.I. No. 0004431
Patrick Henry Parkway Extension **DATE** April 6, 2004

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

TO Paul V. Mullins, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the Patrick Henry Parkway Extension from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway. The project is located between McDonough and Stockbridge parallel to and east of I-75. The project length is 0.47 mile. On the south, the existing Patrick Henry Parkway extends 8100'± north of Jodeco Road where it terminates in a wooded area. On the north, as part of the Eagles Landing Parkway project, Patrick Henry Parkway is currently being constructed for a length of 754'. This project will provide connectivity between Jodeco Road and Eagles Landing Parkway. Base year traffic (2005) is 7600 VPD and the design year traffic (2025) is 13,700 VPD. Access will be by permit with a speed design of 45 MPH.

The construction proposes a new roadway connecting existing Patrick Henry Parkway to the proposed terminus near Eagles Landing Parkway. The proposed typical section will provide two, 14' travel lanes with 14' urban shoulders that include curb and gutter, a 5' sidewalk and a 2' grass strip. The project includes the construction of a culvert and bridge over Pates Creek and floodplain. Henry County has already acquired the majority of the required right-of-way. However, there will be approximately 20' additional right-of-way required on the west side of the roadway. The proposed right-of-way includes the limits for future widening.

Environmental concerns include requiring a COE 404 Permit; a GEPA type "B" document will be prepared; a public hearing 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)	\$4,280,000	\$4,280,000	42226	2004
Construction	\$ 994,000	\$ 994,000	RRB	2004
Right-of-Way & Utilities*	Local	Local		

Paul V. Mullins

Page 2

MSL-0004-00(431) Henry

April 6, 2004

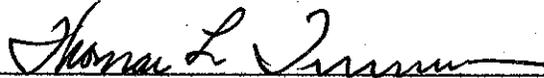
*Henry County signed PMA on 12-3-03 for PE, right-of-way, utilities, and 20% of construction costs.

I recommend this project concept be approved.

MBP:JDQ/cj

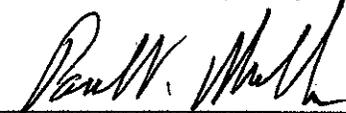
Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



Paul V. Mullins, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

MAR 31 2004

FILE: MSL-0004-00(431) Henry
P.I. No. 0004431
Patrick Henry Parkway Extension

OFFICE: Engineering Services

DATE: March 30, 2004

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted March 24, 2004 by the letter from Ben Buchan dated March 10, 2004, and have no additional comments.

The costs for this project are:

Construction	\$4,794,210
Inflation	\$0.00
E&C	\$479,421
Reimbursable Utilities	\$20,000 (LGPA)
Right of Way	\$50,000 (LGPA)

REW

c: Ben Buchan, Attn.: Jan Hilliard

SCORING RESULTS AS PER MOG 2440-2

Project Number: MSL-0004-00(431)		County: Henry		PI No.: 0004431	
Report Date: March 24, 2004		Concept By: DOT Office: Urban Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: Heath and Lineback Engineers, Inc.			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input type="checkbox"/> ATMS	
		<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Rural	<input type="checkbox"/> Bridge Replacement	
				<input type="checkbox"/> Building	
				<input type="checkbox"/> Interchange Reconstruction	
				<input type="checkbox"/> Intersection Improvement	
				<input type="checkbox"/> Interstate	
				<input checked="" type="checkbox"/> New Location	
				<input type="checkbox"/> Widening & Reconstruction	
				<input type="checkbox"/> Miscellaneous	
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**

INTERDEPARTMENT CORRESPONDENCE

MAR 24 2004

FILE MSL-0004-00(431), Henry County
P.I. No. 0004431
Patrick Henry Parkway Extension

OFFICE Urban Design

DATE March 10, 2004

FROM 
James B. Buchan, P. E., State Urban Design Engineer

TO Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT **Project Concept Report**

Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP). **Please be advised that this GRTA bond project is scheduled for construction authorization in Fiscal Year 2004 and time is of the essence.** Thank you.

^{ASB}
JBB:MAL

cc: David Mulling
Harvey Keepler
Phillip Allen
Joe Palladi
Percy Middlebrooks
Thomas Howell, Jr.
Paul Liles

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

State Route Number: N/A

DESCRIPTION: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Recommendation for approval:

DATE 3/24/04

DATE 3/24/04

Jan C. Hilliard
Project Manager
James B. Bush
State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

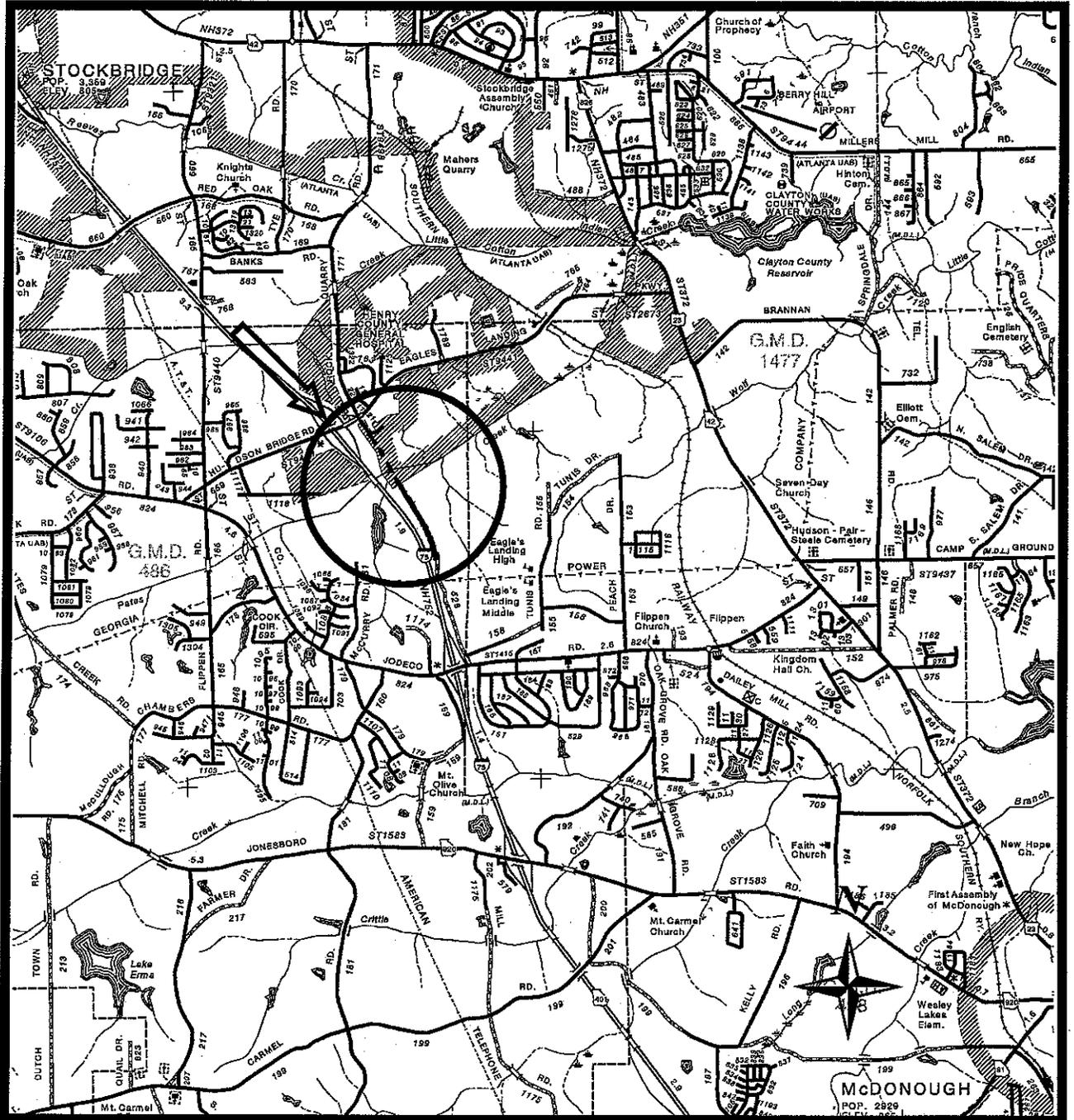
DATE _____

State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

Project Concept Report Page 2
 Project Number: MSL-0004-00(431)
 P. I. Number: 0004431
 County: Henry



Scale: 1 inch = 1 mile

Location Map

Project: MSL-0004-00(431) Henry County PI No.: 0004431

Description: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Project Concept Report Page 3
Project Number: MSL-0004-00(431)
P. I. Number: 0004431
County: Henry

Background

The proposed project will construct a new roadway from the end of the existing Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway near Eagles Landing Parkway. The site is located between McDonough and Stockbridge, Georgia and runs parallel and to the east of interstate I-75. *THE PROJECT LENGTH IS 0.97 MILE.*

On the south, the existing Patrick Henry Parkway extends approximately 8100 feet north of Jodeco Road where it terminates in a wooded area. On the north, as a part of the Eagles Landing Parkway project, Patrick Henry Parkway is currently being constructed for a length of approximately 754 feet. The proposed Patrick Henry Parkway project will be approximately 2500 feet and will connect the above sections for a continuous travel-way between Jodeco Road and Eagles Landing Parkway. *PROVIDE CONNECTIVITY*

Facility Overview and Operational Characteristics

Patrick Henry Parkway once constructed and connected between Jodeco Road and Eagles Landing Parkway, will service about 7,600 vehicles per day with 3% truck traffic. The 2025 traffic is projected at 13,700 AADT.

Logical Termini

The termini are logical since the proposed project will tie into existing roadways at each end and will create a continuous road from Jodeco Road to Eagles Landing Parkway. The two existing ends of the roadway are not continuous.

Accident Data

Not Applicable.

Community Characteristics

The project is located in Henry County, Georgia. Henry County is part of the Atlanta Metropolitan area with a 2000 total population of 119,341. Of these residents, 2.3% are Hispanic and 14.7% are black. The percentage of the population below the poverty level, 6.4% is well below the State of Georgia average of 14.7%.

Need and Purpose

The proposed roadway is needed to improve traffic mobility between two busy facilities; Jodeco Road and Eagles Landing Parkway. The new road will reduce traveling distance between these two roads by 2.5 miles. The construction defined below is necessary and recommended to provide a facility that would adequately and safely serve the projected immediate and future travel demand on this portion of the Patrick Henry Parkway.

Project Concept Report Page 4
Project Number: MSL-0004-00(431)
P. I. Number: 0004431
County: Henry

The purpose of the proposed roadway is to provide connectivity between Jodeco Road and Eagles Landing Parkway in the form of a frontage road to I-75 north.

Description of the proposed project: Project MSL-0004-00(431) proposes a new roadway in Henry County connecting the existing Patrick Henry Parkway to the proposed terminus of Patrick Henry Parkway near Eagles Landing Parkway. The total project length is approximately 2500 feet (0.47 miles). The project includes the construction of a culvert and bridge over Pates Creek and floodplain. The proposed bridge is approximately 487 feet long by 46'-5" wide. The bridge will include two 14 feet travel lanes with 2 feet gutters and 6'-0" sidewalks. The proposed roadway will include two 14 feet travel lanes and a 14'-0" urban shoulder that includes curb and gutter, 5'-0" sidewalk and a 2'-0" grass strip.

This project connects to the Eagles Landing Parkway at I-75 project in Henry County, GADOT Project Number NH-IM-75-2(212), P.I. Number 312150. The Eagles Landing Parkway project is an improvement project to Eagles Landing Parkway and side streets including approximately 754 feet of Patrick Henry Parkway and a new intersection of Country Club Drive with Patrick Henry Parkway.

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

PDP Classification: Minor

Project Designation: Full Oversight (), Exempt (), State Funded() or Other ()

Functional Classification: Urban Collector

U. S. Route Number(s): none

State Route Number(s): none

Traffic (AADT):

Current Year: (2005) 7,600 Design Year: (2025) 13,700

Existing design features: N/A

Project Concept Report Page 6
Project Number: MSL-0004-00(431)
P. I. Number: 0004431
County: Henry

- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion anticipated (),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
 - GEPA Type B (X)
- Utility involvement: None

Project responsibilities:

- Design: Henry County
- Right of Way Acquisition: Henry County
- Relocation of Utilities: Henry County
- Letting to contract: Henry County
- Supervision of construction: Henry County
- Providing material pits: Construction Contractor
- Providing detours: N/A

Coordination

- Initial Concept Meeting summary: N/A
- Concept meeting date: February 5, 2004; Meeting Minutes attached
- P.A.R. meetings, dates and results: None required.
- FEMA, USCG and/or TVA: U.S. Army Corps of Engineers Section 404 Permit
- Local government comments: Local Government Project Agreement January, 2004.
- Public involvement: None Required
- Other projects in the area: Eagles Landing Parkway at I-75; Project Number NH-IM-75-2 (212) P.I. Number 312150, Henry County.
- Other coordination to date: None

Scheduling – Responsible Parties' Estimate

- Time to complete Concept Report and layout: 6 weeks
- Time to complete the environmental process: 14 weeks
- Time to complete preliminary construction plans: 2 Months
- Time to complete right of way plans: 1 week
- Time to complete construction plans: 8 weeks

Project Concept Report Page 7
Project Number: MSL-0004-00(431)
P. I. Number: 0004431
County: Henry

Alternates considered: (1) Build proposed roadway and bridge on new alignment – from existing terminus to proposed terminus of Patrick Henry Parkway. (2) No Build.

Comments:

Comparison Summary of Alternates 1 - 2

Alternate (1) is selected for this concept based on the need to provide connection between Jodeco Road and Eagles Landing Parkway. Alternate (2) was eliminated due to short and long-term travel demand on this portion of Patrick Henry Parkway.

Future Widening

The Regional Transportation Plan only models a two (2) lane facility for this project. Henry County foresees a need for a four (4) lane divided facility in the future. The plans will design this facility with considerations for future widening and construction efficiency. The typical sections shown depict future roadway and bridge widening to a four lane facility.

Attachments:

1. Preliminary Cost Estimates
2. Typical Sections
3. Traffic Assignments
4. Location and Design Notice (On Minor Projects)
5. Concept Plan Layout Sheet
6. Concept Report minutes of meeting

PRELIMINARY COST ESTIMATE

DATE: March 9, 2004

PREPARED BY: Heath & Lineback Engineers, Inc.

PROJECT NO.: MSL-0004-00(431)

P.I. NO.: 0004431

LENGTH: 2500 ft. (0.47 mi.)

PROJECT DESCRIPTION: Roadway and bridge on new alignment.

PROPOSED CONCEPT: The proposed typical section consists of two 14'-0" travel lanes with 14'-0" urban shoulder that contains curb and gutter, a 5'-0" sidewalk and a 2'-0" grass strip.

EXISTING ROADWAY: None

TRAFFIC: Existing: 7,600 ADT (2005) Design: 13,700 ADT (2025)

() PROGRAMMING PROCESS (x) CONCEPT DEVEL. () DURING PROJ DEVEL.

DESIGNER'S CONSTRUCTION COST ESTIMATE

3/5/2004 97978, HENRY COUNTY
P.I. No. 0004431
PATRICK HENRY PKWY

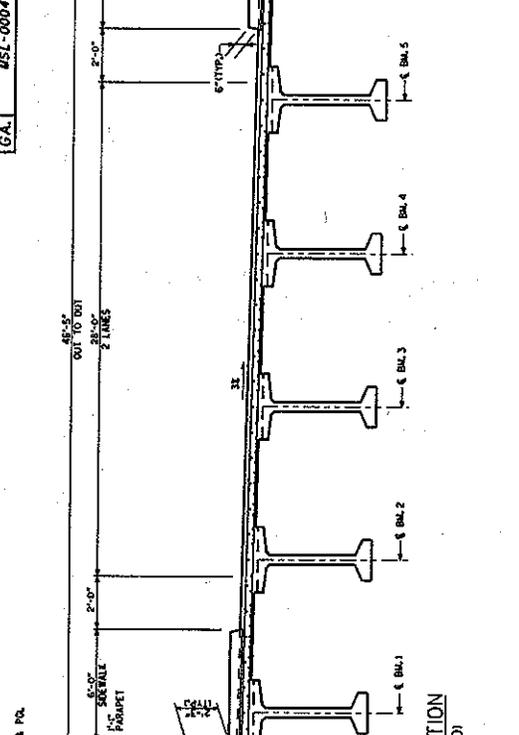
ITEM NO.	ITEM	UNIT	UNIT COST	QUANT	TOTAL
ROADWAY					
634-1200	RIGHT OF WAY MARKERS	EA	\$82.53	2 \$	165.06
210-0100	GRADING COMPLETE -	LS	\$2,056,000.00	LS	\$2,056,000.00
SUBTOTAL \$					2,058,165.06
REQUIRED PAVEMENT					
310-5120	GR AGGR BASE CRS, 12 INCH, INCL MATL	SY	\$18.35	6558 \$	120,339.30
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM TN		\$35.47	1799 \$	63,810.53
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BIT TN		\$36.04	675 \$	24,327.00
402-3112	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM TN		\$38.08	900 \$	34,272.00
413-1000	BITUM TACK COAT	GL	\$.90	859 \$	773.10
433-1100	REINF CONC APPROACH SLAB, INCL CURB	SY	\$127.66	224 \$	28,595.84
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	\$7.63	2472 \$	18,861.36
441-6740	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	LF	\$8.19	1350 \$	11,056.50
641-1100	GUARDRAIL, TP T	LF	\$18.71	283 \$	5,294.93
641-1200	GUARDRAIL, TP W	LF	\$8.61	3809 \$	32,795.49
SUBTOTAL \$					340,126.05
PERMANENT & TEMPORARY EROSION PROTECTION					
163-0232	TEMPORARY GRASSING	AC	\$447.06	5 \$	2,235.30
163-0240	MULCH	TN	\$219.52	131 \$	28,757.12
163-0300	CONSTRUCTION EXIT	EA	\$985.16	2 \$	1,970.32
163-0501	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	EA	\$679.16	1 \$	679.16
163-0520	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	LF	\$12.18	854 \$	10,401.72
163-0530	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	LF	\$2.11	690 \$	1,455.90
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	\$145.59	17 \$	2,475.03
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	\$1.39	2215 \$	3,078.85
165-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	\$1.24	345 \$	427.80
165-0085	MAINTENANCE OF SILT CONTROL GATE, TP 1	EA	\$123.75	1 \$	123.75
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	\$378.25	2 \$	756.50
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	\$64.72	17 \$	1,100.24
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	\$4,275.64	2 \$	8,551.28
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	\$3.50	4430 \$	15,505.00
603-2180	STN DUMPED RIP RAP, TP 3, 12 IN	SY	\$29.09	5 \$	145.45
700-6910	PERMANENT GRASSING	AC	\$713.75	9 \$	6,423.75
700-7010	LIQUID LIME	GL	\$18.08	21 \$	379.68
700-8000	FERTILIZER MIXED GRADE	TN	\$224.94	9 \$	2,024.46
700-8100	FERTILIZER NITROGEN CONTENT	LB	\$1.41	406 \$	572.46
716-2000	EROSION CONTROL MATS, SLOPES	SY	\$1.18	27897 \$	32,918.46
SUBTOTAL \$					119,982.23
TRAFFIC SIGN & MARKING					
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	\$12.55	12 \$	150.60
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	SF	\$16.23	18 \$	292.14
636-2070	GALV STEEL POSTS, TP 7	LF	\$6.26	62 \$	388.12
652-0120	PAVEMENT MARKING, ARROW, TP 2	EA	\$58.50	2 \$	117.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	\$.21	4442 \$	932.82
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	\$.21	5121 \$	1,075.41
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	\$3.28	52 \$	170.56
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	\$1.30	280 \$	364.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	\$.11	234 \$	25.74
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	\$2.86	1800 \$	5,148.00
654-1001	RAISED PVMT MARKERS TP 1	EA	\$3.32	77 \$	255.64
654-1003	RAISED PVMT MARKERS TP 3	EA	\$3.69	27 \$	99.63
657-1054	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	LF	\$3.85	974 \$	3,749.90
657-8054	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	LF	\$4.06	974 \$	3,954.44
SUBTOTAL \$					16,724.00

ITEM NO.	ITEM	UNIT	UNIT COST	QUANT	TOTAL
Drainage Items					
207-0203	FOUND BK FILL MATL, TP II	CY	\$37.97	640 \$	24,300.80
500-3101	CLASS A CONCRETE	CY	\$387.13	1403 \$	543,143.39
511-1000	BAR REINF STEEL	LB	\$.55	171169 \$	94,142.95
550-1150	STORM DRAIN PIPE, 15 IN, H 1-10	LF	\$23.26	1206 \$	28,051.56
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	\$26.81	201 \$	5,348.61
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	\$32.99	805 \$	26,556.95
550-4118	FLARED END SECTION 18 IN, SIDE DRAIN	EA	\$286.11	2 \$	572.22
576-1015	SLOPE DRAIN PIPE, 15 IN	LF	\$21.03	60 \$	1,261.80
668-1100	CATCH BASIN, GP 1	EA	\$1,611.52	17 \$	27,395.84
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	\$174.07	31 \$	5,396.17
SUBTOTAL \$					756,170.29
BRIDGE					
211-0300	BRIDGE EXCAVATION, STREAM CROSSING	CY	\$25.80	168 \$	4,334.40
500-0100	GROOVED CONCRETE	SY	\$4.51	1623 \$	7,319.73
500-1006	SUPERSTR CONCRETE, CL AA, BR NO -	LS	\$686.12	890 \$	521,646.80
500-3101	CLASS A CONCRETE	CY	\$387.13	319 \$	123,494.47
507-9032	PSC BEAMS, AASHTO, BULB TEE, 72 IN, BR NO -	LF	\$174.44	2899 \$	505,701.56
511-1000	BAR REINF STEEL	LB	\$.55	46302 \$	25,466.10
511-3000	SUPERSTR REINF STEEL, BR NO -	LS	\$.55	166841 \$	91,762.55
516-1100	ALUMINUM HANDRAIL STD. 3626	LF	\$35.00	962 \$	33,670.00
520-0573	H-PILE POINTS, HP 14 X 73	EA	\$157.95	30 \$	4,738.50
520-0589	H-PILE POINTS, HP 14 X 89	EA	\$223.88	20 \$	4,477.60
520-1147	PILING IN PLACE, STEEL H, HP 14 X 73	LF	\$30.97	740 \$	22,917.80
520-1151	PILING IN PLACE, STEEL H, HP 14 X 89	LF	\$38.83	1379 \$	53,546.57
520-4147	LOAD TEST, STEEL H, HP 14 X 73	EA	\$.55	1 \$	0.55
520-4151	LOAD TEST, STEEL H, HP 14 X 89	EA	\$.55	1 \$	0.55
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	\$37.27	2601 \$	96,939.27
603-7000	PLASTIC FILTER FABRIC	SY	\$3.47	2601 \$	9,025.47
SUBTOTAL \$					1,505,041.92

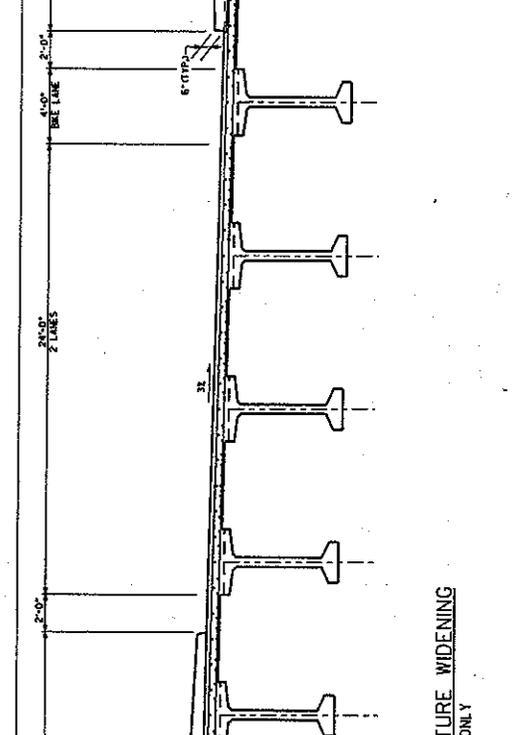
CONSTRUCTION	\$ 4,794,209.55	CONSTRUCTION COST	\$ 4,794,209.55
		RIGHT OF WAY	\$ 50,000.00
		RAW ACQUIRED BY:	Henry County
		UTILITIES:	\$ 20,000.00
E & C (10%):	\$ 479,420.96		
TOTAL CONS'T COSTS	\$ 5,343,630.51		

STATE PROJECT NUMBER
GA. MSL-0004-001(431)

SHEET TOTAL NO. SHEETS



TYPICAL SECTION
(LOOKING AHEAD)



TYPICAL SECTION - FUTURE WIDENING
FOR INFORMATION ONLY

<p>Head & Zimbeck Engineers REGISTERED PROFESSIONAL ENGINEERS MEMBER, AMERICAN SOCIETY OF CIVIL ENGINEERS</p>	<p>GEORGIA DEPARTMENT OF TRANSPORTATION BRIDGE TYPICAL SECTION PROJECT: MSL-0004-001(431) COUNTY: HENRY</p>																																																																																						
	<table border="1"> <thead> <tr> <th>DATE</th> <th>REVISIONS</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	DATE	REVISIONS	DATE	REVISIONS																																					<table border="1"> <thead> <tr> <th>DATE</th> <th>REVISIONS</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			DATE	REVISIONS	DATE	REVISIONS																																							
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DATE	REVISIONS	DATE	REVISIONS																																																																																				

DWG NO.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. MSL-0004-00(431); P.I. No. 0004431

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.

Date of Location Approval: APRIL 22, 2004

Need and Purpose: The proposed roadway is needed to improve mobility between two busy facilities; Jodeco Road and Eagles Landing Parkway. The new road will reduce traveling distance between these two roads by 2.5 miles. The construction defined below is necessary and recommended to provide a facility that would adequately and safely serve the projected immediate and future travel demand on this portion of the Patrick Henry Parkway.

The purpose of the proposed roadway is to provide connectivity between Jodeco Road and Eagles Landing Parkway in the form of a frontage road to I-75 north.

Description of the proposed project: Project MSL-0004-00(431) proposes a new roadway in Henry County connecting the existing Patrick Henry Parkway to the proposed terminus of Patrick Henry Parkway near Eagles Landing Parkway. The project includes the construction of a culvert and bridge over Pates Creek and floodplain. The proposed bridge is approximately 487 feet long by 46'-5" wide. The bridge will include two 14 feet travel lanes with 2 feet gutters and 6'-0" sidewalks. The proposed roadway will include two 14 feet travel lanes and a 14'-0" urban shoulder that includes curb and gutter, 5'-0" sidewalk and a 2'-0" grass strip.

This project connects to the Eagles Landing Parkway at I-75 project in Henry County, GADOT Project Number NH-IM-75-2(212), P.I. Number 312150. The Eagles Landing Parkway project currently under construction will construct approximately 754 feet of Patrick Henry Parkway and a new intersection of Country Club Drive with Patrick Henry Parkway.

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

Marc Mastronardi

Email: marc.mastronardi@dot.state.ga.us

1001 Highway 19 South; Griffin, Georgia 30223

770-228-7205

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:

James B. Buchan

Office of Urban Design

Email: ben.buchan@dot.state.ga.us

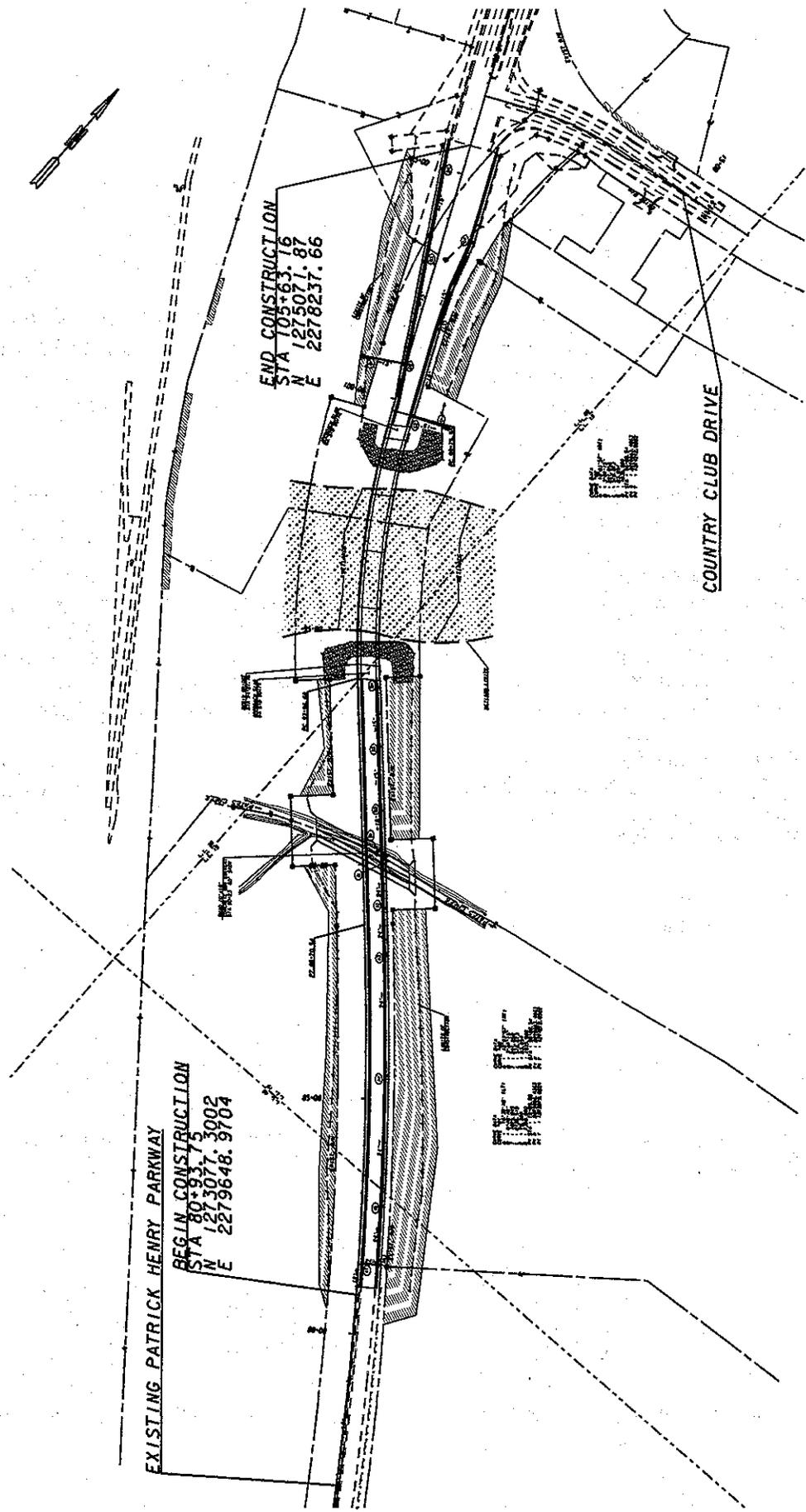
Georgia Department of Transportation

No. 2 Capitol Square; Atlanta, Georgia 30334

404-656-5436

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.

STATE	PROJECT NUMBER	SHEET	TOTAL SHEETS
GA.	MSL-0004-001.431J		



GEORGIA
 DEPARTMENT OF TRANSPORTATION
 PATRICK HENRY PARKWAY
 PROJECT: MSL-0004-001.431J
 COUNTY: HENRY

DATE	REVISIONS	DATE	REVISIONS



Heath & Kinbeck Engineers
 INCORPORATED
 1000 BENTLEY BLVD
 SUITE 100
 ATLANTA, GA 30329
 (404) 525-1100

Initial Concept Report Meeting

Project Number: MSL-0004-00 (431)

P.I. No. 0004431

Henry County

Meeting Date: February 5, 2004

Attendees – See Attached List

This meeting was requested by the GDOT Project Manager, Jan Hilliard, Office of Urban Design. The concept report was prepared by Heath & Lineback Engineers.

The Concept Report was reviewed in the Urban Design Office in Atlanta, GA.

The project is currently scheduled to be authorized in the fiscal year 2004.

Project Description

Project MSL-0004-00(431) proposes a new roadway in Henry County connecting the existing Patrick Henry Parkway to the proposed terminus of Patrick Henry Parkway near Eagles Landing Parkway. The total project length is approximately 2500 feet (0.47 miles). The project includes the construction of a culvert and bridge over Pates Creek and floodplain.

Design Data

Current Traffic ADT:	7,600 (2005)
Design Traffic ADT:	13,700 (2025)
Percent Truck:	3%
Speed Design:	45 mph

Functional Classification: Urban Collector

Project Schedule and Letting

GDOT will research and advise on the sequence and schedule for the Plan Development Process that must be met to allow authorization of funds for this project. It may be appropriate for GDOT to let the project rather than the County. GDOT and Henry County will discuss this issue and advice.

The designer has prepared a design schedule that meets the commitment to authorize funding this project in FY 2004. Based on this schedule, the designer is to use an existing BFI to extract adequate soil data to seek a waiver of the soil survey requirement for the PFPR. GDOT may waive the FFPR depending on the quality and progress of plans presented at the PFPR. The consultant will request the PFPR through the Office of Urban Design. The Consultant does not anticipate that a public meeting will be required for this project since the level of environmental analysis is a GEPA Type B document.

Funding

This project is funded by recent bond sales and scheduled for fiscal year 2004. The LGPA agreement requires the county to fund all costs (PE, R/W, Utilities, and Construction) and the County may be reimbursed up to \$4.28 million for this project from bond proceeds.

Right-of-Way

Most of the required right-of-way has already been purchased by Henry County. Only one parcel must be obtained at the north end of project at the tie-in point with Eagles Landing Parkway project. The required R.O.W. includes the limits of the future widening project. There will be no displacement of businesses or residents.

Roadway Section

This project will build two travel lanes with curb & gutter. Future widening will make this a 4-lane roadway with a 20' raised concrete median. Henry County does not foresee widening this road in the next 5 years. The following changes were proposed:

- Include the 2'-0" paved shoulders with travel lane width and show as 14'-0" travel lane. Eliminate references to bike lane in this project.
- Provide 5' sidewalk behind the right curb & gutter as a minimum. Provide 5' sidewalk behind the left curb & gutter or seek a Design Variance for not providing the left sidewalk. If the future widening project will not take place in the next 5 years, it is suggested to provide sidewalk on both sides of the roadway.
- Consider placing embankment fill for the future widening as part of this project due to future environmental issues. Placing this fill may increase the construction cost beyond the estimated bond funds that are available.

Traffic

Overlap the end of the construction into the existing Eagles Landing Parkway project in order to restripe traffic marking for the required lane tapers.

Utilities

It was noted that GA Power transmission lines cross the project. The power poles should be shown on plans. Immediate coordination with GA Power will be necessary for any relocation of power poles which may require easement and force-account. Allow up to 60 days prior to PFPR for coordination with Georgia Power. Utility issues must be resolved prior to PFPR.

An existing sewer line crossing the project may have to be encased based on the amount of anticipated fill placed on top of the lines.

Environmental

The project is to follow GEPA Type B, since some R.O. W. acquisition has taken place.

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GEORGIA DEPARTMENT OF TRANSPORTATION

MEETING/CONFERENCE RECORD OF ATTENDEES

PURPOSE: INITIAL CONCEPT TEAM MEETING FOR NSL-0004-00(431) HENRY CO. 0004431 P.I. NR2
 LOCATION: URBAN DESIGN CONFERENCE ROOM 352 A&B PATRICK HENRY PATTERMAN
 DATE: 2-5-04 TIME: 1:30 PM
 MODERATOR: JAN C. HILLIARD

NAME	ORGANIZATION	PHONE NO.	E-MAIL ADDRESS <small>(DOT employees do not list e-mail)</small>
1. JAN C. HILLIARD	GDOT-URBAN DESIGN	4-6565441	
2. ALLEN KREIVSKY	HEATH & LINDBACK	7-424-1668	akrivsky@heath-lindback.com
3. JOHN HEATH	HEATH & LINDBACK	7-424-1668	jheath@heath-lindback.com
4. MASOOD SHABBARZ	HEATH & LINDBACK	7-424-1668	mshabbarz@heath-lindback.com
5. DEBRA BENTON	GDOT-DIST. 3	206-646-6597	
6. LAMAR M. PRUITT, JR.	GDOT-DIST. 3	706-446-6569	lamar.pruitt@
7. RON WISHON	GDOT-OES	411-7470	ron.wishon
8. MIKE LODELL	Urban	4/656-5441	
9. MIKE BOLDEN	GDOT-Utilities	4/635-8011	mike.Bolden@dot.state.ga.us
10. SCOTT ZEHNGRAFF	GDOT-OTS/ID	4-635-8127	
11. TERRY L. McMICKLE	Henry County	770-898-7676 SPL05T	tmcmickle@cohenry.ga.us
12.			
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18.			
19.			
20.			

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

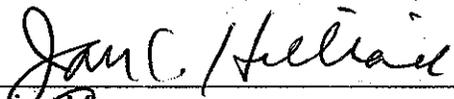
State Route Number: N/A

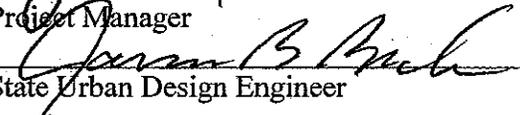
DESCRIPTION: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Recommendation for approval:

DATE 3/24/04

DATE 3/24/04



Project Manager


State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

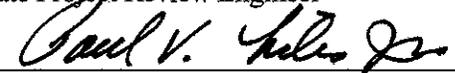
DATE _____

District 3 Engineer

DATE _____

State Project Review Engineer

DATE 3/30/04



State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

State Route Number: N/A

DESCRIPTION: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Recommendation for approval:

DATE 3/24/04

DATE 3/24/04

Jan C. Hilliard
Project Manager
James B. Bush
State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

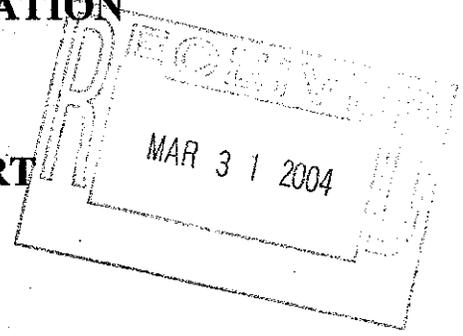
DATE 3/30/04

David J. Marley *new*
State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design



PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

State Route Number: N/A

DESCRIPTION: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Recommendation for approval:

DATE 3/24/04

Jan C. Hellman
Project Manager

DATE 3/24/04

James B. Bush
State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 3/29/04

Lurey Middlebrook
State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

DATE _____

State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

State Route Number: N/A

DESCRIPTION: Patrick Henry Parkway from the current terminus of Patrick Henry Parkway north to a proposed terminus of Patrick Henry Parkway currently under construction with Eagles Landing Parkway.

Recommendation for approval:

DATE 3/24/04

Jan C. Hellman
Project Manager

DATE 3/24/04

Carson B. Bush
State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE 3/31/04

Phillip M. Colvig
State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

DATE _____

State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

Federal Route Number: N/A

State Route Number: N/A

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Recommendation for approval:

DATE 3/24/04

Jan C. Hilliard
Project Manager

DATE 3/24/04

James B. Cook
State Urban Design Engineer

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

DATE 3/30/04

Joseph P. Pilecki
State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

DATE _____

State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
Office of Urban Design

PROJECT CONCEPT REPORT

Project Number: MSL-0004-00(431)

County: Henry

P. I. Number: 0004431

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Recommendation for approval:

DATE 3/24/04

Jan C. Hellmich
Project Manager

DATE 3/24/04

James B. Bush
State Urban Design Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Office of Financial Management Administrator

DATE 4/5/04

Matthew S. Kasper
State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

District 3 Engineer

DATE _____

State Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer