

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-OOSW (29) Gwinnett County **OFFICE** Preconstruction
P.I. No. 171344
DATE June 22, 2000

FROM 
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your file(s) is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Georgene Geary (ATTN: Michael Henry)
Marion Waters
Marta Rosen
Larry Dent

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-OOSW(29) Gwinnett County **OFFICE** Preconstruction
P.I. No. 171344

DATE June 5, 2000

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

TO J. Tom Coleman, Jr., Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of the Western Gwinnett Multi-use Trail along Peachtree Industrial Boulevard (PIB) from Summerchase Drive to Howell Bridge Parkway, a total of 1.50 miles. Peachtree Industrial Boulevard is an urban arterial consisting of four lanes, a 20' raised median, 4' paved outside shoulders or curb and gutter. The posted speed is 45 MPH and the projected (2021) traffic volume is 47,000 VPD.

The construction proposes to add a 10' wide multi-use trail along the west side of PIB either behind curb and gutter or 15' from edge of pavement. The trail will provide a recreational facility and access to commercial or industrial facilities for residential communities along this portion of roadway. It is also a leg of a planned trail system to the Chattahoochee River Trail System. Traffic will be maintained during construction.

Environmental concerns include requiring a Categorical Exclusion 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>PROG DATE</u> | <u>LET DATE</u> |
|---|-----------------|-----------------|------------------|-----------------|
| Construction (includes E&C and inflation) | \$735,000 | \$224,000 | 2000 | Local |
| Right-of-Way & Utilities* | Local | Local | | |

* to be done by contract

J. Tom Coleman
Page 2

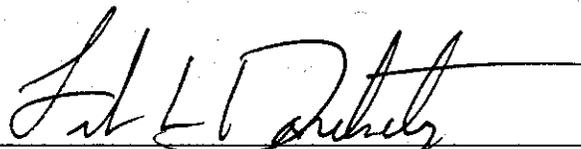
CM-OOSW(29) Gwinnett
June 5, 2000

This project is in the STIP. I recommend this project concept be approved.

TLT:JDQ/cj

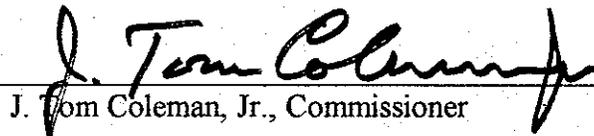
Attachment

CONCUR



Frank L. Danchetz, P.E., Chief Engineer

APPROVE

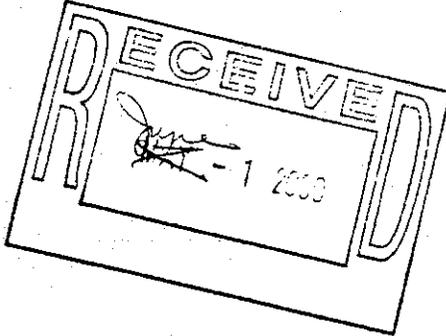


J. Tom Coleman, Jr., Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-000E(184) Gwinnett, PI#171558 **OFFICE:** Atlanta, Georgia
CM-00SW(29) Gwinnett, PI#171344
STP-000E(195) Gwinnett, PI#171562 **DATE:** May 31, 2000
STP-0000-00(109) Gwinnett, PI#0000109

FROM: David Mulling, Project Review Engineer (DM) 
TO: Wayne Hutto, Assistant Director of Pre-construction
SUBJECT: **CONCEPT REPORT**

We have reviewed the concept reports submitted May 19, 2000 by the letter from Todd Long dated May 16, 2000, and have the following comment:

1. The concept reports incorrectly classify the projects as "CA". The projects should be "Exempt". The "CA" and "Non-Ca" designations were deleted by the current FHWA and GDOT Oversight Agreement – Topps Directive 2410.
2. The estimated costs of reimbursable utilities were not provided.
3. Seventy four percent of the construction cost of Unit (195) is for retaining walls to keep construction within existing right of way.

The costs for the projects are:

| | <u>(184)</u> | <u>(29)</u> | <u>(195)</u> | <u>(109)</u> |
|------------------------|--------------|-------------|--------------|--------------|
| Construction | \$758,000 | \$607,000 | \$2,287,000 | \$77,000 |
| Inflation | \$ 76,000 | \$ 61,000 | \$ 229,000 | \$ 8,000 |
| E&C | \$ 83,000 | \$ 67,000 | \$ 251,000 | \$ 9,000 |
| Reimbursable Utilities | \$? | \$? | \$? | \$? |
| Right of Way | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

DTM

c: Todd Long

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Western Gwinnett Multi-Use Trail Along Peachtree Industrial Boulevard From Summerchase Drive to Howell Bridge Parkway

GDOT Project Number: CM00SW(29)

P.I. No. 171344

Gwinnett County Project Number: 7874

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A

Date of Report: May 9, 2000

RECOMMENDATION FOR APPROVAL

5-15-00

DATE

Alan R. Chapman

Gwinnett County Department of Transportation

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

DATE

State Transportation Planning Administrator

DATE

State Transportation Programming Engineer

DATE

State Environmental/Location Engineer

5-16-00

DATE

Lenny E. Deal

District Engineer

DATE

Project Review Engineer

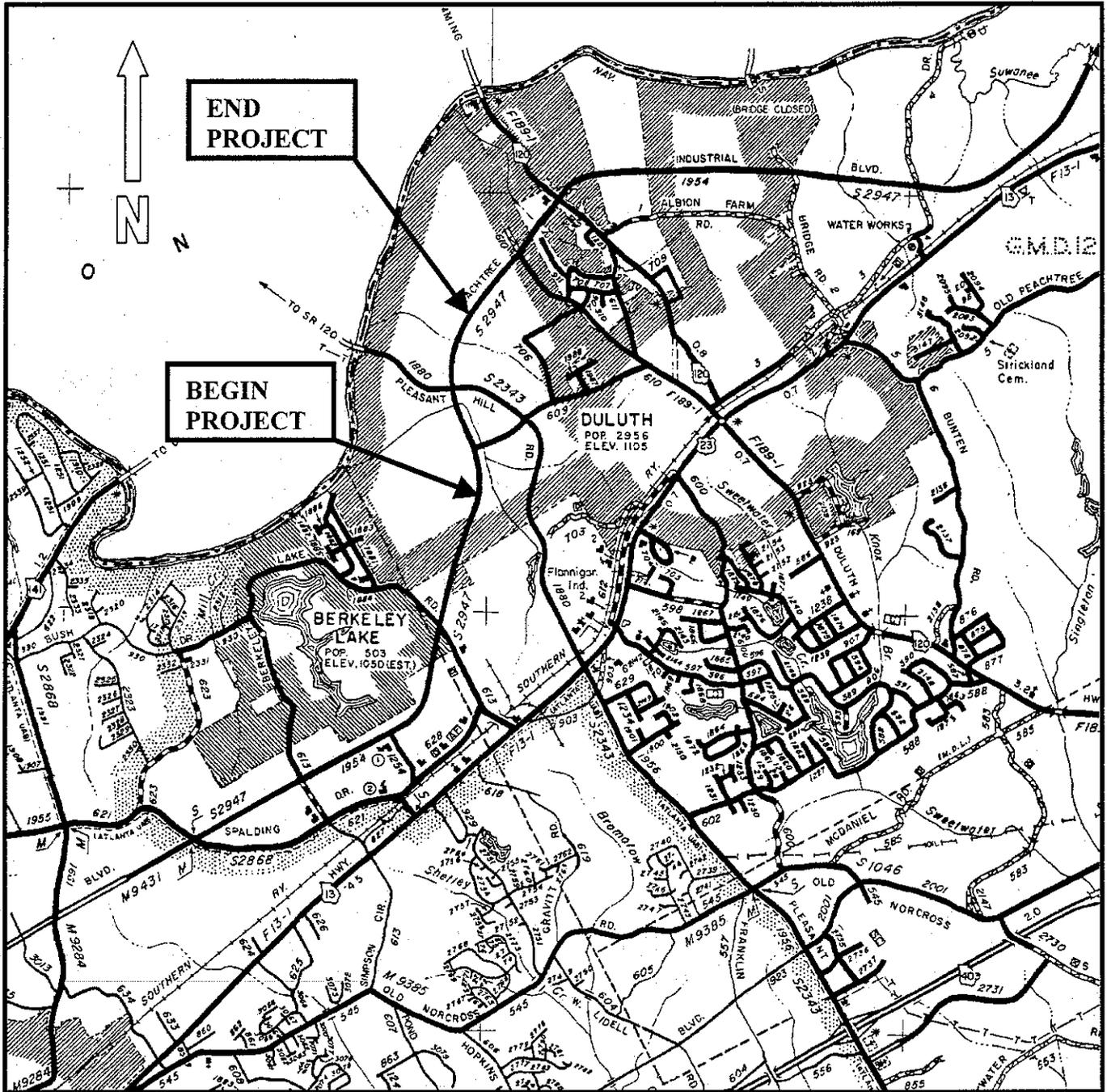
DATE

State Traffic Operations Engineer

DATE

State Bridge & Structural Engineer

PROJECT MAP - Project No. : CM00SW(29), Gwinnett County



PROJECT NUMBER: CM00SW(29)

PROJECT LOCATION & DESCRIPTION

The proposed project would begin at the intersection of Summerchase Drive and Peachtree Industrial Boulevard. The proposed ten-foot (10') wide multi-use trail would continue north along the west side of Peachtree Industrial Boulevard to the project terminus at Howell Bridge Parkway.

PROJECT LENGTH: 1.5 miles

MILE POINT REFERENCE: N/A

TRAFFIC

Peachtree Industrial Boulevard

CURRENT

PROJECTED

YEAR

AADT

YEAR

AADT

2001

36,000

2021

47,000

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MINOR /EXISTING

URBAN ARTERIAL

~~EXIST~~ FOS () NON-CAM

EXEMPT (X)

SF ()

PROJECT NEED & PURPOSE

Gwinnett County has identified the need to construct a multi-use pedestrian/bike trail primarily along the western side of Peachtree Industrial Boulevard, from Summerchase Drive northerly to the intersection of Peachtree Industrial Boulevard and Howell Bridge Parkway. The purpose of constructing the multi-use trail would be to provide a recreational path for the high-density residential communities along this portion of Peachtree Industrial Boulevard. The trail would also provide pedestrian and bicycle access to several commercial/industrial facilities located on Peachtree Industrial Boulevard, possibly reducing vehicular traffic volumes along this section of roadway. The 1.5 miles of trail along Peachtree Industrial Boulevard would become a leg of a planned trail system providing access to the Chattahoochee River Trail System.

| EXISTING ROADWAY Peachtree Industrial Boulevard | | | | |
|--|---------------------|-------|------------|--------------|
| TYPICAL SECTION: Four 12' Lanes, 20' Raised Median, 4' Paved Outside Shoulder or Curb and Gutter | | | | |
| R/W WIDTH: Varies, 150' to 200' | | | | |
| POSTED SPEED | MAX DEGREE OF CURVE | | MAX GRADE | |
| 45 mph | N/A | | 4.3% | |
| MAJOR STRUCTURES: | Length | Width | Struct. ID | Suff. Rating |
| N/A | N/A | N/A | N/A | N/A |

| PROPOSED ROADWAY Peachtree Industrial Boulevard | | | |
|---|---------------------|-------|-----------|
| TYPICAL SECTION: Maintain existing roadway section and add a 10' paved multi-use trail on the west side of Peachtree Industrial Boulevard, either behind curb and gutter, or 15' from edge of pavement. | | | |
| DESIGN SPEED | MAX DEGREE OF CURVE | | MAX GRADE |
| 45 mph | N/A | | 4.3% |
| MAJOR STRUCTURES: | Length | Width | |
| N/A | | | |

| PROPOSED RIGHT OF WAY | | | |
|--|---------------|--------|---------|
| R/W WIDTH: (Constructed within existing R/W) | DISPLACEMENTS | | |
| Varies: 150' minimum | RES: 0 | BUS: 0 | M.H.: 0 |
| TYPE OF ACCESS CONTROL: N/A | | | |
| NUMBER OF PARCELS: N/A | | | |

COORDINATION

CONCEPT TEAM MEETING DATE: N/A

CONFORMS TO TIP/STIP: Yes

MEETS LOGICAL TERMINI REQUIREMENTS: Yes

P.A.R. MEETING: Not required

LOCATION INSPECTION DATE: N/A

PERMITS REQUIRED (4f,COE,404,etc.): None

LEVEL OF PUBLIC INVOLVEMENT: N/A

TIME SAVING PROCEDURES APPROPRIATE: Yes

LOCAL GOVERNMENT COMMITMENTS: Design, R/W Acquisition, Utilities, Construction

OTHER PROJECTS IN THE AREA: STP-000E(184), P.I. No. 171558; CM-00BK(44), P.I. No. 162520; STP-000E(195), P.I. No. 171562; STP-0000-00(109), P.I. No. 0000109; STP-0000-00(106), P.I. No. 0000106

SCHEDULING CONSIDERATIONS

| | | |
|--|-----|--------|
| TIME TO COMPLETE ENVIRONMENTAL: | 3 | Months |
| TIME TO COMPLETE PRELIMINARY RD/RW PLANS: | 3 | Months |
| TIME TO COMPLETE 404 PERMIT: | N/A | Months |
| TIME TO COMPLETE FINAL CONSTRUCTION PLANS: | 4 | Months |

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: Traffic to be maintained on existing roadways during construction.

LEVEL OF ENVIRONMENTAL ANALYSIS: Categorical Exclusion

DESIGN EXCEPTIONS REQUIRED:

| | YES | NO | UNDETERMINED |
|---------------------------|-----|-----|--------------|
| SUBST HORIZ ALIGNMENT | () | (X) | () |
| SUBST ROADWAY WIDTH | () | (X) | () |
| SUBST SHOULDER WIDTH | () | (X) | () |
| SUBST VERT GRADES | () | (X) | () |
| SUBST CROSS SLOPES | () | (X) | () |
| SUBST STOPPING SIGHT DIST | () | (X) | () |
| SUBST SUPERELEV RATES | () | (X) | () |
| SUBST HORIZ CLEARANCE | () | (X) | () |
| SUBST SPEED DESIGN | () | (X) | () |
| SUBST VERTICAL CLEARANCE | () | (X) | () |
| SUBST BRIDGE WIDTH | () | (X) | () |
| SUBST BR STRUCT CAPACITY | () | (X) | () |

UNDERGROUND STORAGE TANKS: None

HAZARDOUS SITES: None

ALTERNATIVES CONSIDERED

1. NO BUILD.

| ESTIMATED COST | | | |
|--------------------------|-----------|---------------|------------------|
| CONSTRUCTION: | \$607,445 | RIGHT-OF-WAY: | N/A |
| E & C (10) : | \$60,745 | ACQUIRED BY : | Local |
| INFLATION : | \$62,263 | UTILITIES : | To Be Determined |
| | | ADJUSTED BY : | Local |
| TOTAL CONSTRUCTION COST: | | \$ 730,453 | |

COMMENTS:

ATTACHMENTS:

- Detailed Cost Estimate
- Typical Sections

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CM00SW(29)

COUNTY: Gwinnett

DATE: May 2000

ESTIMATED LETTING DATE: April 2001

PREPARED BY: J. Criminger

PROJECT LENGTH: 1.5 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

| PROJECT COST | |
|---|------------|
| A. RIGHT-OF-WAY: | |
| 1. PROPERTY (LAND & EASEMENT) | \$ - |
| 2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0 | \$ - |
| 3. OTHER COST (ADM./COST, INFLATION) | \$ - |
| SUBTOTAL: A | \$ - |
| B. REIMBURSABLE UTILITIES: | |
| 1. RAILROAD | \$ - |
| 2. TRANSMISSION LINES | \$ - |
| 3. SERVICES | \$ - |
| SUBTOTAL: B | \$ - |
| C. CONSTRUCTION: | |
| 1. MAJOR STRUCTURES | |
| a. BRIDGES | |
| Grade Separations (0) | \$ - |
| Stream Crossings (0) | \$ - |
| SUBTOTAL: C-1.a | \$ - |
| b. OTHER | |
| Walls | \$ 335,940 |
| Box Culverts | \$ - |
| Bridge Culverts (0) | \$ - |
| SUBTOTAL: C-1.b | \$ 335,940 |
| SUBTOTAL: C-1 | \$ 335,940 |
| 2. GRADING AND DRAINAGE: | |
| a. EARTHWORK | |
| Unclassified Excavation | \$ 32,508 |
| b. DRAINAGE | |
| 1) Cross Drain Pipe | \$ 13,800 |
| 2) Curb and Gutter | \$ 6,430 |
| 3) Longitudinal System (incl. catch basins) | \$ 15,000 |
| SUBTOTAL: C-2.b | \$ 35,230 |
| SUBTOTAL: C-2 | \$ 67,738 |

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CM00SW(29)

COUNTY: Gwinnett

DATE: May 2000

ESTIMATED LETTING DATE: April 2001

PREPARED BY: J. Criminger

PROJECT LENGTH: 1.5 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

| PROJECT COST | | | |
|---|----------------------|----|--------|
| 3. BASE AND PAVING: | | | |
| a. AGGREGATE BASE | 1,295 Tons @ \$19.46 | \$ | 25,196 |
| b. ASPHALT PAVING (Mainline & Cross-Roads): | | | |
| Drainage - Type D | - Tons @ \$58.06 | \$ | - |
| Surface - Superpave | 333 Tons @ \$48.64 | \$ | 16,211 |
| Binder - Superpave | 509 Tons @ \$43.92 | \$ | 22,366 |
| Base - Superpave | - Tons @ \$39.58 | \$ | - |
| SUBTOTAL: C-3.b | | \$ | 38,576 |
| c. CONCRETE PAVING | | | |
| | - SY @ \$38.34 | \$ | - |
| d. OTHER (Leveling, Tack Coat, Milling) | | | |
| | | \$ | 191 |
| SUBTOTAL: C-3 | | \$ | 63,964 |
| 4. LUMP ITEMS | | | |
| a. GRASSING | | | |
| | | \$ | 14,622 |
| b. CLEARING AND GRUBBING | | | |
| | | \$ | 19,625 |
| c. LANDSCAPING | | | |
| | | \$ | - |
| d. EROSION CONTROL | | | |
| | | \$ | 33,697 |
| e. TRAFFIC CONTROL | | | |
| | | \$ | 5,600 |
| SUBTOTAL: C-4 | | \$ | 73,545 |
| 5. MISCELLANEOUS: | | | |
| a. LIGHTING | | | |
| | | \$ | - |
| b. SIGNING - MARKING - SIGNALIZATION | | | |
| | | \$ | 55,600 |
| c. GUARDRAIL | | | |
| Single-Faced | | \$ | 2,436 |
| Double-Faced | | \$ | - |
| Anchors | | \$ | 3,623 |
| SUBTOTAL: C-5.c | | \$ | 6,059 |
| d. SIDEWALK | | | |
| | | \$ | - |
| e. MEDIAN / SIDE BARRIER | - LF @ \$32.03 | \$ | - |
| f. OTHER | | | |
| | | \$ | 4,600 |
| SUBTOTAL: C-5 | | \$ | 66,259 |
| 6. SPECIAL FEATURES | | | |
| SUBTOTAL: C-6 | | \$ | - |

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: CM00SW(29)

COUNTY: Gwinnett

DATE: May 2000

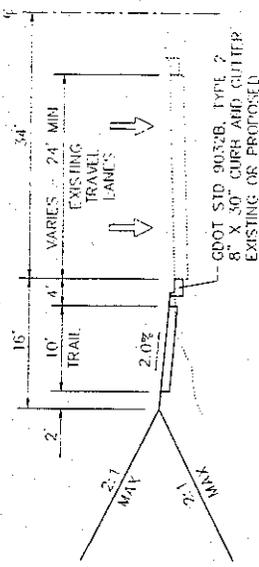
ESTIMATED LETTING DATE: April 2001

PREPARED BY: J. Criminger

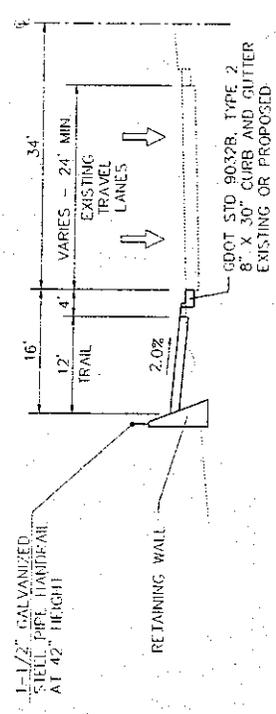
PROJECT LENGTH: 1.5 Miles

() PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

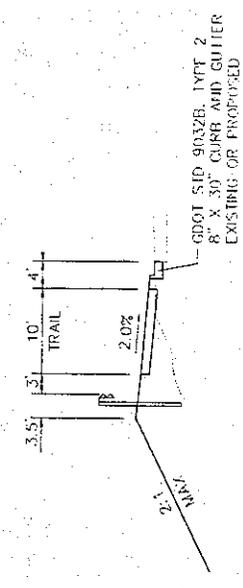
| PROJECT COST | |
|---------------------------------|-------------------|
| SUMMARY | |
| A. RIGHT-OF-WAY | \$ - |
| B. REIMBURSABLE UTILITIES | \$ - |
| C. CONSTRUCTION | |
| 1. MAJOR STRUCTURES | \$ 335,940 |
| 2. GRADING AND DRAINAGE | \$ 67,738 |
| 3. BASE AND PAVING | \$ 63,964 |
| 4. LUMP ITEMS | \$ 73,545 |
| 5. MISCELLANEOUS | \$ 66,259 |
| 6. SPECIAL FEATURES | \$ - |
| SUBTOTAL CONSTRUCTION COST | \$ 607,445 |
| E. & C. (10%) | \$ 60,745 |
| INFLATION (5% PER YEAR) | \$ 62,263 |
| NUMBER OF YEARS 2 | |
| TOTAL CONSTRUCTION COST | \$ 730,453 |
| GRAND TOTAL PROJECT COST | \$ 730,453 |



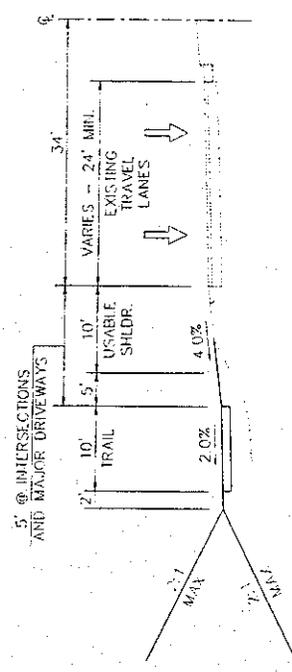
TYPICAL SECTION NO. 1
CURB AND GUTTER
45 MPH



TYPICAL SECTION NO. 2
CURB AND GUTTER
45 MPH



GUARDRAIL SECTION



TYPICAL SECTION NO. 3



WINNETT COUNTY
DEPARTMENT OF
TRANSPORTATION

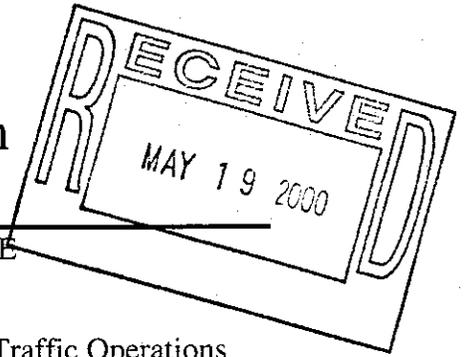
WESTERN WINNETT TRAILS

TYPICAL SECTIONS

MAY 2008
1/10 SCALE

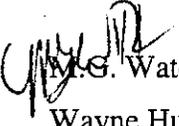
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: CM-00SW(29)/Gwinnett County
P.I. No. 171344

Office: Traffic Operations
Atlanta, Georgia
Date: May 18, 2000

From:  M.G. Waters, III, P.E., State Traffic Operations Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the construction of the "Western Gwinnett" multi-use trail along Peachtree Industrial Boulevard, beginning at Summerchase Drive to Howell Bridge Parkway, a distance of 1.5 miles.

Peachtree Industrial Boulevard is an urban arterial with a projected, design year, 2021, traffic volume of 47,000vpd, consisting of four lanes, a 20 foot raised median, 4 foot paved outside shoulders or curb and gutter. It has a posted speed limit of 45mph.

The proposed 10 foot wide paved multi-use trail will be constructed along the west side of Peachtree Industrial Boulevard, either behind curb and gutter or 15 feet from the edge of pavement. The trail will provide a recreational facility and access to commercial or industrial facilities, for residential communities along this portion of roadway. It is also a leg of a planned system to the Chattahoochee River Trail System. Traffic will be maintained on existing roadways during construction.

We believe this concept will provide an improved and safe facility for the traveling public and the people of Gwinnett County.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill
Larry Dent, District Engineer, Gainesville
Attention: Todd I. Long, P.E.
David Mulling, w/ attachment
Marta Rosen
Chuck Hasty, TMC
General Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Western Gwinnett Multi-Use Trail Along Peachtree Industrial Boulevard From Summerchase Drive to Howell Bridge Parkway

GDOT Project Number: CM00SW(29)

P.I. No. 171344

Gwinnett County Project Number: 7874

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A

Date of Report: May 9, 2000

RECOMMENDATION FOR APPROVAL

5-15-00

DATE

Alan R. Chapman

Gwinnett County Department of Transportation

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

DATE

State Transportation Planning Administrator

DATE

State Transportation Programming Engineer

DATE

State Environmental/Location Engineer

DATE

District Engineer

DATE

Project Review Engineer

5/19/2000

DATE

Marion Delatorre

State Traffic Operations Engineer

DATE

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Western Gwinnett Multi-Use Trail Along Peachtree Industrial Boulevard From Summerchase Drive to Howell Bridge Parkway

GDOT Project Number: CM00SW(29)

P.I. No. 171344

Gwinnett County Project Number: 7874

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A

Date of Report: May 9, 2000

RECOMMENDATION FOR APPROVAL

5-15-00

DATE

Alan R. Chapman

Gwinnett County Department of Transportation

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

5/23/00

DATE

Marta V. Riser

State Transportation Planning Administrator

DATE

State Transportation Programming Engineer

DATE

State Environmental/Location Engineer

5-16-00

DATE

Larry E. Denton

District Engineer

DATE

Project Review Engineer

DATE

State Traffic Operations Engineer

DATE

State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Western Gwinnett Multi-Use Trail Along Peachtree Industrial Boulevard From Summerchase Drive to Howell Bridge Parkway

GDOT Project Number: CM00SW(29)

P.I. No. 171344

Gwinnett County Project Number: 7874

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A

Date of Report: May 9, 2000

RECOMMENDATION FOR APPROVAL

5-15-00

DATE

Alan R. Chapman

Gwinnett County Department of Transportation

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

DATE

State Transportation Planning Administrator

DATE

State Transportation Programming Engineer

DATE

State Environmental/Location Engineer

5-16-00

DATE

Larry E. Deaton
District Engineer

5/31/00

DATE

[Signature]
Project Review Engineer

DATE

State Traffic Operations Engineer

DATE

State Bridge & Structural Engineer