

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-OOBK(47) Gwinnett County **OFFICE** Preconstruction
P. I. No. 162526
CWH **DATE** October 16, 2000
FROM C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Marion Waters
Marta Rosen
Paul Liles
Jimmy Chambers (ATTN: Ted Cashin)
Larry Dent

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CM-OOBK(47) Gwinnett County **OFFICE** Preconstruction
P.I. No. 162526

DATE October 3, 2000

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

TO J. Tom Coleman, Jr., Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of a sidewalk along the north side of Miller Road from Hambrick Drive to Cole Drive for a total of 0.83 mile. There are existing sidewalks located along the majority of the south side of Miller Road for the project limits. Parkview High, Trickum Middle and Camp Creek Elementary schools are located at the intersection of Miller Road and Cole Drive. This project will provide students with sidewalks and encourage residents to walk to their prospective destinations.

The construction proposes to add 5' sidewalk on the north side of Miller Road between the above mentioned limits. Shoulder improvements including curb and gutter and longitudinal drainage will also be required for the length of the project. ADA approved wheel chair ramps will be installed at all intersections and driveways. Erosion control protection and regrassing and landscaping of all disturbed areas with permanent seed and plants appropriate to the season is included in the project. 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)	\$378,000	\$440,000	2001	Local
Right-of-Way & Utilities*	Local	Local		

*to be done by contract

J. Tom Coleman, Jr.

Page 2

CM-OOBK(47) Gwinnett

October 3, 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

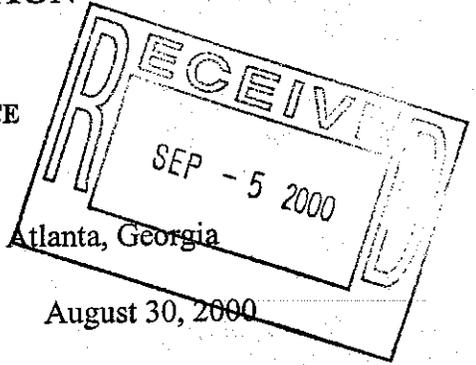
APPROVE



J. Tom Coleman, Jr., Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE



FILE: CM-00BK(47) Gwinnett
P.I. Number 162526

OFFICE: Atlanta, Georgia

DATE: August 30, 2000

FROM: David Mulling, Project Review Engineer *OTM*

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT

We have reviewed the concept report submitted August 30, 2000 by the letter from Todd I. Long dated August 28, 2000, and have the following comment:

1. The estimated costs for reimbursable utilities and right of way were not included in the report.

The costs for the project are:

Construction	\$327,000
Inflation	\$ 17,000
E&C	\$ 34,000
Reimbursable Utilities	\$?
Right of Way	\$?

DTM

c: Todd Long - District 1 Preconstruction Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

**CM-00BK (47) GWINNETT
GA DOT P.I. NO. 162526
GWINNETT CO. # 9664
MILLER ROAD SIDEWALKS**

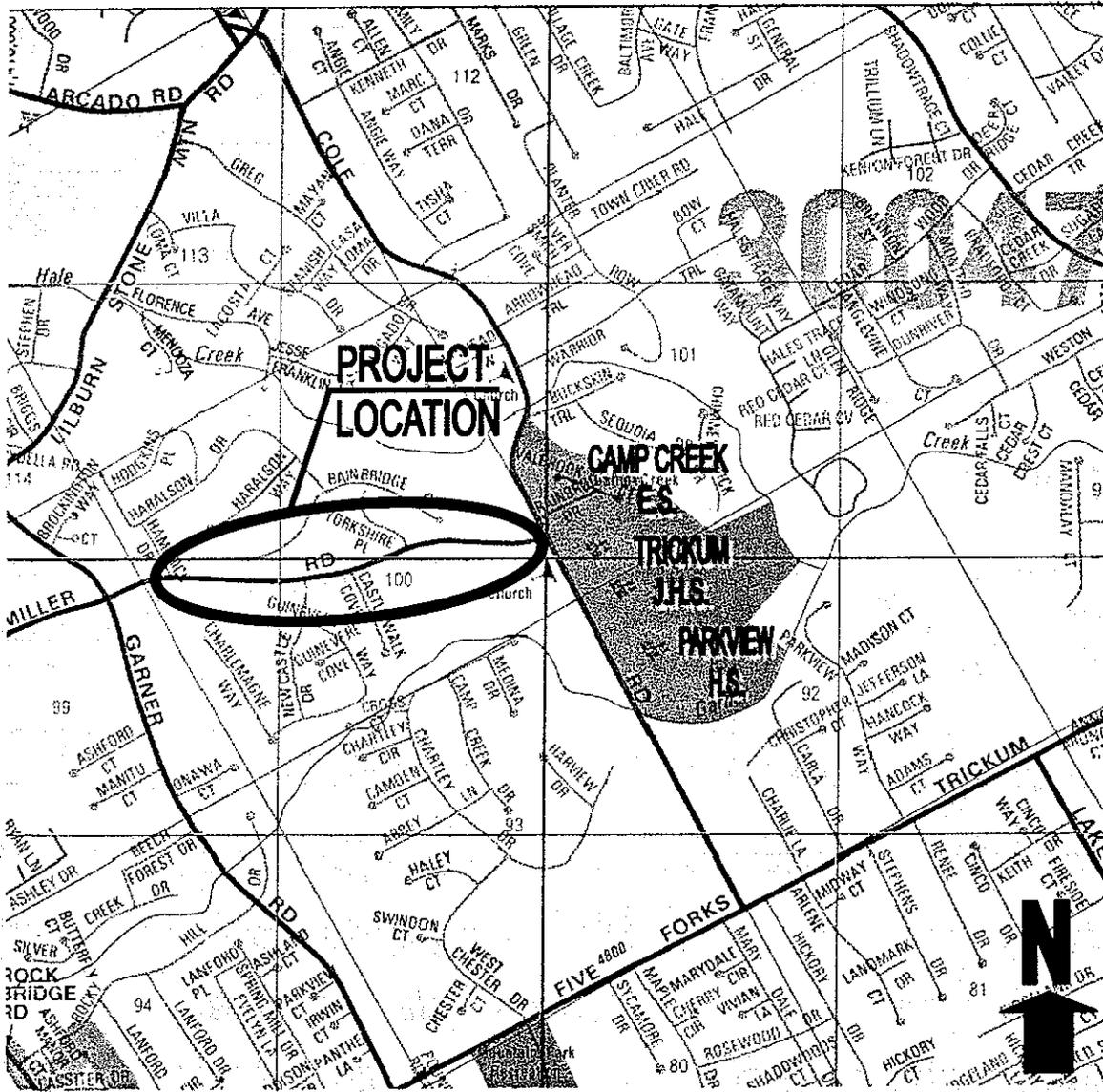
Federal Route No.: N/A
State Route No.: N/A

Date of Report: August 17, 2000
Revised:

This project 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.

RECOMMENDATION FOR APPROVAL	
8-17-00	<i>Alan R. Chapman</i>
Date	Gwinnett County Department of Transportation
9-8-00	<i>Matt Loper</i>
Date	State Transportation Planning Administrator
Date	State Transportation Programming Administrator
Date	GADOT Environmental/Location Engineer
Date	GADOT Road & Airport Engineer
Date	GADOT Traffic Operations Engineer
Date	State Project Review Engineer
8-28-00	<i>Todd [unclear] for Larry Dent</i>
Date	GADOT District 1 Engineer

PROJECT LOCATION MAP
MILLER ROAD SIDEWALK IMPROVEMENTS
GA. DOT P.I. #162526
GA. DOT #CM-00BK(47)
GWINNETT COUNTY PROJECT # 9664



SCALE: 1"=2000'



PROJECT CONCEPT REPORT

PROJECT NUMBER: CM-00BK (47) Gwinnett
GADOT P.I. No.: 162526
GWCODOT #: 9664

PROJECT LOCATION AND DESCRIPTION

The project begins at the intersection of Miller Rd and Hambrick Dr and extends in an eastward direction along Miller Rd to the intersection of Miller Rd and Cole Dr. Total project length is approximately 0.83 miles or 4,400 feet. This project consists of the addition of a five-foot (5') wide sidewalk on north side of Miller Rd for the above mention project limits. There are existing sidewalks located along the majority of the south side of Miller Rd for the project limits. New curb and gutter along with the necessary shoulder improvements and longitudinal drainage would be required for the entire length of the north side of Miller Rd. Pedestrian crosswalks would be added at the Yorkshire Place intersection with Miller Rd and the Cole Dr and Miller Rd intersection. The Cole Dr at Miller Rd intersection is directly across the street from Camp Creek Elementary School.

TRAFFIC

ROAD	CURRENT		PROJECTED	
	YEAR	ADT	YEAR	ADT
MILLER RD	1999	4,647	2020	9,300

ROAD	PDP CLASSIFICATION	FUNCTIONAL CLASSIFICATION
MILLER RD	MINOR / EXISTING	RURAL COLLECTOR

NEED AND PURPOSE

The proposed sidewalk enhancement project is intended to help ecological, air and noise pollution by encouraging the nearby population to walk to the local business's and schools instead of taking their automobiles. Parkview High School, Trickum Middle School and Camp Creek Elementary School are located at the intersection of Miller Rd and Cole Dr. This project would provide the students with sidewalks to walk to their respective schools.

**EXISTING ROADWAY
MILLER ROAD**

TYPICAL SECTION:	2 LANE	R/W WIDTH VARIES 70-80 FT
POSTED SPEED 35 MPH	MAXIMUM DEGREE OF CURVE N/A	MAX GRADE N/A

MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH
N/A	N/A

**PROPOSED ROADWAY
MILLER ROAD**

TYPICAL SECTION:	MAINTAIN EXIST RDWY SECTION ADD 5' SIDEWALK ALONG NORTH SIDE OF MILLER RD	R/W WIDTH VARIES 70-80 FT
DESIGN SPEED 35 MPH	MAXIMUM DEGREE OF CURVE N/A	MAX GRADE N/A

PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH
N/A	N/A

PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS	
VARIES 70-80 FT	* 0	RES.:0	BUS.:0

TYPE OF ACCESS CONTROL: BY DRIVEWAY PERMIT

*Temporary Cnst Esmnt would be required from approximately 10 property owners for the tie down of slopes.

COORDINATION

CONCEPT TEAM MEETING DATE: N/A

LOCATION INSPECTION DATE: N/A

PERMITS REQUIRED: GENERAL

LEVEL OF PUBLIC INVOLVEMENT: N/A

TIME SAVINGS PROCEDURES APPROPRIATE: YES

OTHER PROJECTS IN THE AREA: Pounds Rd Sidewalk Project, Lake
(Gwinnett County DOT Projects) Lucerne Sidewalk Project, Garner Creek
Bridge Replacement on Cole Rd

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: MAINTAIN EXISTING TRAFFIC

LEVEL OF ENVIRONMENTAL ANALYSIS: ENVIRONMENTAL STUDY

ENVIRONMENTAL CONCERNS: NONE

UNDERGROUND STORAGE TANKS: NONE

HAZARDOUS WASTE SITES: NONE

DESIGN VARIATIONS REQUESTED:

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

ALTERNATIVES CONSIDERED

1. No Build
 2. Build sidewalk on both sides of Miller Rd. This alternative was not chosen since there currently exists sidewalk on the majority of the South side of Miller for the Project limits.
 3. Extend Sidewalk Project back an additional 800' to Garner Rd on the north side of Miller Rd. This alternative was not chosen since it was determined that Hambrick Dr and not Garner Rd was a logical termini for the project.
-

ESTIMATED COST

CONSTRUCTION:	\$	327,365	RIGHT-OF-WAY:	\$ Unknown
E & C (10 %)	\$	32,737	ACQUIRED BY:	GWNT DOT
INFLATION:	\$	18,005	UTILITIES:	\$ Unknown
(1 year at 5% per year)			ADJUSTED BY:	LGPA
TOTAL CNST COST:	\$	378,107		

COMMENTS

1. The attached Environmental Study as prepared by Sailors Engineering was submitted to Mr. Harvey Kepler, GADOT Environmental/Location Engineer, on August 17, 2000 for his review, approval and circulation to FHWA and to SHPO.
2. Possible utility relocation costs are unknown at this time and not included in this concept. The cost associated with any utility relocation that is outside of existing R/W would be the county's responsibility.

ATTACHMENTS: Cost Estimate, Typical Section, Environmental Study as prepared by Sailors Engineering Associates.

PREPARED BY: CLARK PATTERSON ASSOCIATES
3585 LAWRENCEVILLE-SUWANEE ROAD
SUITE 301
SUWANEE, GA 30024
(770) 831-9000

PRELIMINARY COST ESTIMATE

DATE: August 18, 2000

PROJECT NO.: CM-00BK (47) Gwinnett

GADOT P.I. NO.: 162526

GW CO DOT #: 9664

PROJECT DESCRIPTION: 5' Sidewalks on North side of Miller Rd from Hambrick Dr to Cole Rd.

TOTAL LENGTH: 0.83 Miles or 4,400 ft

PROPOSED CONCEPT: Maintain Existing Roadway Section and Add 5' Sidewalks Along North side of Miller Rd.

EXISTING ROADWAY (IF APPLICABLE): 2-Lane Rural W/ Curb & Gutter Sections

TRAFFIC:	EXISTING	DESIGN
Miller Rd	4,647 (1999)	9,300(2020)

PROJECT COST

A. RIGHT OF WAY

1. PROPERTY (LAND, EASEMENTS, AND DISPLACEMENTS)	\$	0
2. DISPLACEMENTS	\$	0
3. OTHER COST	\$	0
	SUBTOTAL	\$ 0

B. REIMBURSABLE UTILITIES

1. RAILROAD	\$	0
2. TRANSMISSION LINES	\$	0
3. SERVICES	\$	0
	SUBTOTAL	\$ 0

C. MAJOR STRUCTURES

1. WALLS	\$	0
2. BRIDGE STREAM CROSSINGS	\$	0
3. BRIDGE OVER/UNDERPASS	\$	0
4. BOX CULVERTS	\$	0
	SUBTOTAL	\$ 0

D. GRADING AND DRAINAGE

1. EARTHWORK <i>2,500 CY U.E</i>	\$ 15,000
<hr/>	
2. DRAINAGE	
a. CROSS DRAIN PIPES (EXCL. BOX CULVERTS) Extend 36" and 42" pipe	\$ 2,500
<hr/>	
b. CURB AND GUTTER 4000'	\$ 48,600
<hr/>	
c. LONGITUDINAL SYSTEM (INCLUDE. CATCH BASINS) 1000' of 18" RCP, 250' of 24" RCP, 15 SWCB	\$ 68,100
<hr/>	
SUBTOTAL	\$ 134,200

E. BASE AND PAVING

1. AGGREGATE BASE (Under New C&G)	\$ 7,500
<hr/>	
2. ASPHALT PAVING 1.5" Overlay, Patching, Leveling	\$ 46,000
<hr/>	
3. CONCRETE PAVING 4" Thick Sidewalk	\$ 79,665
<hr/>	
4. OTHER	\$ 0
<hr/>	
SUBTOTAL	\$ 133,165

F. LUMP ITEMS

1. TRAFFIC CONTROL	\$ 10,000
<hr/>	
2. CLEARING AND GRUBBING (5 Acres)	\$ 12,500
<hr/>	
3. LANDSCAPING	\$ 15,000
<hr/>	
4. EROSION CONTROL	\$ 15,000
<hr/>	
5. DETOURS (INCLUDE. TEM. BRIDGES)	\$ 0
<hr/>	
SUBTOTAL	\$ 52,500

G. MISCELLANEOUS

1. LIGHTING	\$ 0
<hr/>	
2. SIGNING - STRIPING	\$ 7,500
<hr/>	
3. GUARDRAIL	\$ 0
<hr/>	
4. OTHER	\$ 0
<hr/>	
SUBTOTAL	\$ 7,500

H. SPECIAL FEATURES

	\$ 0
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ESTIMATE SUMMARY

A. RIGHT OF WAY	\$ 0
B. REIMBURSABLE UTILITIES	\$ 0

CONSTRUCTION COST SUMMARY

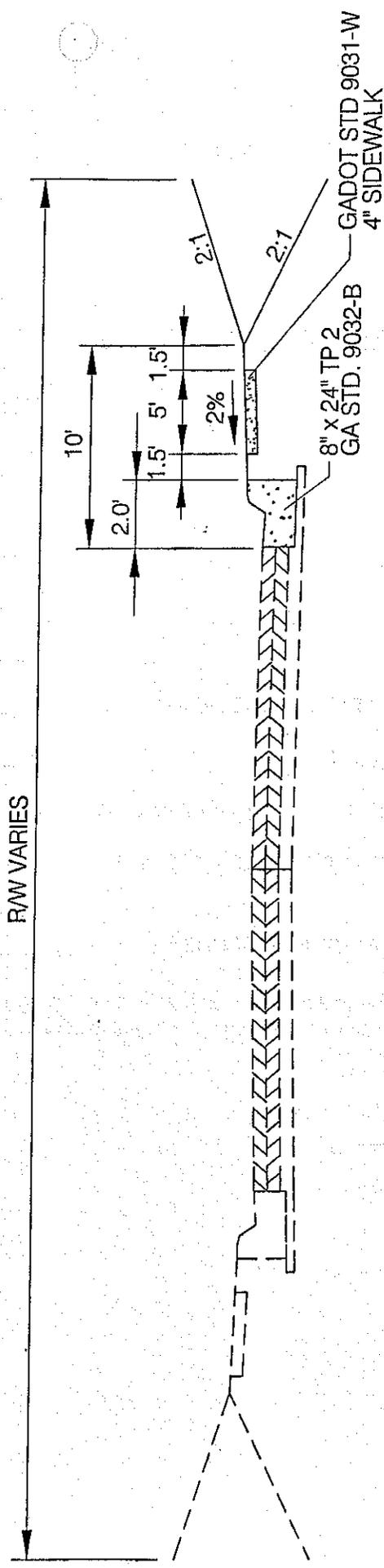
C. MAJOR STRUCTURES	\$ 0
D. GRADING AND DRAINAGE	\$ 134,200
E. BASE AND PAVING	\$ 133,165
F. LUMP ITEMS	\$ 52,500
G. MISCELLANEOUS	\$ 7,500
H. SPECIAL FEATURES	\$ 0

SUBTOTAL CONSTRUCTION COST	\$ 327,365
E & C (10%)	\$ 32,737
INFLATION (5% PER YEAR) 1 YR.	\$ 18,005
TOTAL CONSTRUCTION COST	\$ 378,107

GRAND TOTAL PROJECT COST \$ *378,107

*Please note that possible utility relocation cost and the cost involved in acquiring Cnst Esmnt are not included in this cost estimate at this time since these figures were not available.

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA	9664		



R/W VARIES

TS-1
MILLER ROAD SIDEWALK
TYPICAL SECTION
(NTS)

NOTE: SOUTHSIDE OF MILLER RD
CURRENTLY HAS SIDEWALK
ON MAJORITY OF PROJECT
LIMITS.

DATE	BY	REVISIONS	DESCRIPTION

DESIGN
PROFESSIONAL
JAMES HARRINGTON, License No. 481
Professional Engineer, State of Georgia, License No. 20000

CRPA
CIVIL ENGINEERS & ARCHITECTS

MILLER ROAD
SIDEWALK IMPROVEMENTS

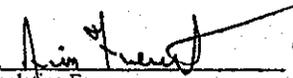
WINNETT COUNTY DEPARTMENT
OF TRANSPORTATION

DRAWING NUMBER

CATEGORICAL EXCLUSION EFFECTS EVALUATION (Cont'd)

Categories	Beneficial	Minimum	No Involvement	Not Applicable	REMARKS
B. CULTURAL ENVIRONMENT					
1. Section 4(f)	[]	[]	[X]	[]	_____
2. Historic Sites	[]	[]	[X]	[]	_____
3. Archaeological Sites	[]	[]	[X]	[]	_____
C. NATURAL ENVIRONMENT					
1. Wetlands	[]	[]	[X]	[]	_____
2. Water Quality	[]	[]	[X]	[]	_____
3. Wild/Scenic Rivers	[]	[]	[X]	[]	_____
4. Farmlands	[]	[]	[X]	[]	_____
5. Endang./Threat. Species	[]	[]	[X]	[]	_____
6. Floodplains	[]	[]	[X]	[]	_____
a. FEMA Program: 1. Regular _____ 2. Emergency _____ 3. Non-Particip. _____					
b. Regulatory Floodway _____					
c. Longitudinal encroachment _____					
d. Channel Change _____ (If yes, see attached plans)					
7. Other: _____	[]	[]	[]	[]	_____
_____	[]	[]	[]	[]	_____
D. PHYSICAL ENVIRONMENT					
1. Noise	[X]	[]	[]	[]	<u>Encourage less automobile traffic.</u>
2. Air	[X]	[]	[]	[]	<u>Encourage less automobile traffic.</u>
3. Energy/Mineral Resources	[]	[]	[X]	[]	<u>No impact.</u>
4. Construction/Utilities	[]	[X]	[]	[]	<u>Only during construction phase.</u>
5. UST's	[]	[]	[X]	[]	<u>No impact to APE.</u>
6. Hazardous Waste Sites	[]	[]	[X]	[]	<u>No impact to APE.</u>
E. PERMITS REQUIRED					
1. U. S. Coast Guard Permit	_____ <u>N/A</u>				
2. Forest Service / Corps Land	_____ <u>N/A</u>				
3. Section 404	_____ <u>N/A</u>				

Environmental impacts of the proposed project have been assessed and the above check list represents the results of this assessment.

Signature: Jim Fuerst, P.E.  Title: Project Manager Date: August 10, 2000
Person Completing Form

Clark Patterson Associates

Based on the above assessment, this project does not involve significant environmental impacts and is therefore determined to be a Categorical Exclusion action per 40 CFR 1508.4.

Reviewed and Recommended: _____ Date: _____
For: Office of Environment and Location, GDOT

Approved: _____ Date: _____
For: Division Administrator, FHWA

WORKSHEET FOR REVIEW OF TEA PROJECTS
UNDER SECTION 106 OF THE
NATIONAL HISTORIC PRESERVATION ACT

SPONSOR Gwinnett County Dept. of Transportation

ADDRESS 75 Langley Drive

CITY Lawrenceville STATE Georgia ZIP 30045

CONTACT Alan Chapman, P.E. PHONE 770-822-7485 FAX 770-822-7478

I. GENERAL INFORMATION

- A. Project Name: Miller Road Sidewalk Project
- B. Project Address: Miller Road from Cole Road to Hambrick Road
COUNTY: Gwinnett
- C. Project Description (include the purpose of the project, the intended use, the scope of work - location, size and extent - and the nature of the work - i.e., rehabilitation, demolition, new construction, repair, expansion, replacement, installation, etc.):

New construction and installation of a 5' pedestrian sidewalk along the North side of Miller Road from Cole Road to Hambrick Road for a project length of 0.83 miles or 4,400 feet.

- D. Attach a map indicating the precise *location of the project*. For projects in rural areas, provide a clear copy of a USGS Quadrangle Map (7.5 minute) and a county highway map; for projects in urban areas, provide a city map. Include the name of the map, date of publication and a North arrow indicator.
- E. How many acres are in the project area? Approximately two acres.
- F. Has this identical project or a related project been previously submitted for review?
YES ___ NO X If yes, enclose a copy of the State Historic Preservation Officer's comments.

II. INFORMATION DEFINING THE AREA OF POTENTIAL EFFECT (A.P.E)

A. The **Area of Potential Effect (A.P.E.)** is defined as "the geographic area or areas within which an undertaking may cause changes in the character or use of historic properties, if any such properties exist. Factors considered when determining the area of potential effect include topography, vegetation, existing development, orientation of an existing resource to the project, physical siting of a resource, and existing and planned future development. The area of potential effect varies with project types. For example:

1. Rehabilitation of an historic building: the A.P.E. might include the building itself and the immediate setting.
2. Streetscapes: the A.P.E. might include the view shed from the street.
3. Pedestrian/Bicycle Facilities: the A.P.E. might extend the length of the corridor and for some distance on both sides of the corridor.
4. Heritage Highways: the A.P.E. might extend the length of the corridor and include wider areas as it passes through or near other resources.

Based on this information, describe the **Area of Potential Effect** for your project.

The area of potential effect consists of the North side of Miller Road from Cole Drive to Hambrick Drive for the construction of a 5' sidewalk.

- B. Attach a map or site plan which indicates the *boundaries* of the A.P.E.
- C. Provide photographs which illustrate *the project area and the entire area of potential effect* as defined above. See Section VI. Instructions For Photo Documentation.

III. SITE and ARCHAEOLOGICAL INFORMATION

A. To your knowledge, has a cultural resources assessment or a historic resources survey been conducted in the project area? YES _____ NO X DO NOT KNOW _____
If YES, provide the title of the report, author, date and principal investigator:

B. Attach any available information concerning known or suspected archaeological resources in the area of potential effect.

No archaeological resources in the area.

C. In the past has this property been used for:

- | | | | | |
|----------------------|-----|----------|----|----------|
| 1. Farming | YES | <u>X</u> | NO | _____ |
| 2. Pasture | YES | <u>X</u> | NO | _____ |
| 3. Mining | YES | _____ | NO | <u>X</u> |
| 4. Timbering | YES | <u>X</u> | NO | _____ |
| 5. Road construction | YES | <u>X</u> | NO | _____ |
| 6. Housing | YES | <u>X</u> | NO | _____ |
| 7. Landfill | YES | _____ | NO | <u>X</u> |
| 8. Commercial | YES | _____ | NO | <u>X</u> |
| 8. Industrial | YES | _____ | NO | <u>X</u> |
| 9. Other (explain): | | | | |

- D. Describe the condition of the soil (i.e. inundated, saturated, graded, cultivated, eroded, undisturbed, etc.)

The soil along the APE was disturbed during the construction of Miller Road. The soil consists of fill material that has been compacted in place as part of the right-of-way.

- E. Describe what is on the property today (i.e. buildings, parking lot, house, barn, outbuildings, woods, grass, etc.)

The majority of the APE is covered with neatly landscaped grass. The remaining portions of the APE are covered with natural ground cover.

- F. Does the project include any land disturbing activities? (haul roads, cut or fill areas, excavations, landscaping activities, ditching, utility burial, grading, etc.) YES ___ NO ___ If YES, describe the nature of the work and the approximate three dimensional extent of work:

The construction of the pedestrian sidewalk will require soil to be undercut and filled with a compacted sub-base.

- G. Include a project specific map and/or preliminary site plan which fully describes the project boundaries and areas of land disturbing work. Note, in detail, all changes and additions proposed to be made to the existing site. Include the drawing scale information.

IV. BUILDING AND STRUCTURE INFORMATION

- A. Is the project located within or adjacent to a National Register listed or eligible historic district? YES ___ NO DO NOT KNOW ___

If YES, the name of the district is:

- B. Within the project area of potential effect, are there any buildings or structures which are 50 years old or older? YES ___ NO If YES, provide photographs of each per the instructions in Section VI.

- C. Are any of the buildings or structures identified above listed or eligible for listing in the National Register? YES ___ NO DO NOT KNOW ___

If YES, the names of the properties are:

D. Does the project involve the rehabilitation, relocation, demolition or addition to any building or structure which is 50 years old or older? YES ___ NO X If YES, provide the following information for each, attaching additional sheets as necessary:

D1. Provide the name, address and approximate date of construction:

N/A

D2. Describe and give the approximate date of any additions or alterations which have occurred over time:

N/A

D3. Write a brief physical description of the building or structure in its current condition.

N/A

D4. Write a brief narrative of the history of the building including its original, later and current uses, persons known to be associated with the property, and any historical events or activities known to be associated with the building.

N/A

D5. Provide photographs documenting the existing conditions of both the interior and exterior of the building or structure per the instructions in Section VI. Include photographs of each exterior facade of the building, the immediate setting including landscaping and outbuildings, representative interior & exterior features (i.e. mantles, windows, doors, chimneys, lighting fixtures, etc.) and all major spaces (i.e. main parlor, lobby area, courtyard, hallways).

N/A

D6. Submit the preliminary plans for the rehabilitation including plans and elevations of the existing conditions. Note, in detail, all changes and additions proposed to be made to the existing building. Include historic drawings, if available. Do not proceed with document production until comments have been received.

N/A

V. ADDITIONAL INFORMATION FOR EFFECTS DETERMINATION

- A. An effect occurs when an action alters the characteristics of a property that may qualify it for the National Register or alters the features of a property's location, setting or use that contribute to its significance. How is the project going to affect any of the properties identified in the previous section?

No resources to impact. Therefore, no impact.

- B. Will the project take away or change anything within the apparent or existing boundary of any of these historic properties?
YES ___ NO X If YES, explain:

- C. Will the project change the view *from* or the view *of* any of these properties?
YES ___ NO X If YES, explain:

- D. Will the project introduce any audible or atmospheric elements to the setting of any of these historic properties?
YES ___ NO X If YES, explain:

- E. Will the project result in the transfer, lease or sale of any of these historic properties?
YES ___ NO X If YES, explain:

- F. Elaborate on the above questions or include any additional information which you think would be helpful in the review of this project.

N/A -- No historic resources within APE.

VI. INSTRUCTIONS FOR PHOTO DOCUMENTATION

1. Photographs should be color or black & white, 35mm prints. Instant prints and photocopies of photographs are *not* sufficient for review. Note: Color photocopies are acceptable for two of the three copies required for submittal.
2. All photographs should be numbered and keyed to an existing site map, site plan or floor plan, as appropriate. The keys should indicate the vantage point of the photographer per the attached examples.
3. All photographs should be mounted on standard letter size paper, numbered and labeled per the attached samples. Captions should include the following information, as applicable: the orientation of the photo, a brief description of the subject, the general address or location of the view, the names, addresses and approximate construction dates of buildings and structures.
4. Most of the photographs requested are intended to document the existing conditions of the projects area and/or the area of potential effect, but historic photographs are also helpful. Include color photocopies or direct photographic reproductions of historic photographs, if any are available. Label per #3 above.

VII. SUBMITTAL PROCEDURE

- A. Submit three (3) copies to the GDOT's Office of Environment and Location.

David E. Studstill, P.E.
State Environment/Location Engineer
Georgia Department of Transportation
3993 Aviation Circle
Atlanta, Georgia 30336

ATTN: Zewdie Bekele

- B. GDOT will circulate copies simultaneously to FHWA and SHPO.
- C. Allow thirty (30) days for FHWA/SHPO review.
- D. If you have any questions, contact Ronnie Rogers at The Historic Preservation Division of the Department of Natural Resources: (404) 656-2840.

SEA

SAILORS ENGINEERING ASSOCIATES, INC.

1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

**ENVIRONMENTAL STUDY
MILLER ROAD SIDEWALK PROJECT
MILLER ROAD FROM COLE ROAD
TO GARNER ROAD
GWINNETT COUNTY, GEORGIA**

SEA JOB #002-097

SEA

SAILORS ENGINEERING ASSOCIATES, INC.

1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

August 9, 2000

Mr. Jim Fuerst
Clark Patterson Associates
3585 Lawrenceville-Suwanee Road
Suite 301
Lawrenceville, Georgia 30024

RE: Environmental Study
Miller Road Sidewalk Project
Miller Road from Cole Road
to Garner Road
Gwinnett County, Georgia
SEA Job #002-097

Gentlemen:

Sailors Engineering Associates, Inc. (SEA) has completed our Environmental Study for the proposed sidewalk project and is pleased to submit this letter with our conclusions. The Area of Potential Effect (APE) is located along Miller Road from Cole Road to Garner Road in Gwinnett County, Georgia. This area is a mixture residential and undeveloped properties. The total impact area along Miller Road will be less than one acre.

GEOLOGICAL SETTING

Gwinnett County, Georgia is located in the physiographic province known as the Piedmont, which extends from the Hudson River in the north to Alabama in the south. The Piedmont is the least mountainous portion of the Appalachian Highlands. The surface of the Piedmont can be described as broadly undulating or rolling topography with low knobs or ridges, and valleys 30 to 300 feet thick. The underlying crystalline rocks of the Piedmont are metamorphic gneisses, quartzites and slates, and igneous granites and gabbros. In the Atlanta area, biotite gneiss and muscovite schist form the host rock into which granite has been intruded locally. According to

the Georgia Geologic Survey Bulletin 96 entitled *Geology of the Greater Atlanta Region*, the rock type present on the subject site is the Clairmont Formation. The Clairmont Formation consists of an interlayered medium-grained biotite-plagioclase gneiss and fine to medium-grained hornblende-plagioclase amphibolite. According to the *Soil Survey of Gwinnett County, Georgia* published by the United States Department of Agriculture, the predominant soil types along the APE are the Appling Sandy Loam and Pacolet Sandy Loam. The APE is now part of the right-of-way for Miller Road. The native soil and topography along the APE was disturbed during the construction of the roadway.

HISTORICAL REVIEW

To research the past historical uses of the APE, the following aerial photographs and maps were reviewed:

1. United States Geological Survey: Norcross, Georgia Quadrangles, 7.5 minute series topographic maps.
2. United States Natural Resources Conservation Service, Gwinnett County Office: Aerial photograph dated 1955.
3. United States Natural Resources Conservation Service, Gwinnett County Office: One 1"=1320' aerial photograph dated January 23, 1960 in the *Soil Survey of Gwinnett County, Georgia* published by the United States Department of Agriculture.
4. United States Natural Resources Conservation Service, Gwinnett County Office: Aerial photograph dated 1960.
5. United States Natural Resources Conservation Service, Gwinnett County: Aerial photograph dated 1966.
6. United States Natural Resources Conservation Service, Gwinnett County Office: Aerial photograph dated 1972.
7. United States Natural Resources Conservation Service, Gwinnett County Office: Aerial photograph dated 1989.
8. Terra Server Photographic Image via the Internet: Aerial photograph dated December 21, 1994.

Aerial photographs of the APE were reviewed from 1955 to 1994. In the 1955 to 1966 aerial photographs, the APE appears as undeveloped pasture with several residential dwellings located to the east and along Miller Road. In the 1972 aerial photograph, a majority of the APE is wooded and undeveloped. In the 1989 and 1994 aerial photographs, the APE is undeveloped and residential subdivisions are present along both sides of Miller Road. According to the USGS topographic map Miller Road Cemetery borders Miller Road.

SEA contacted Ms. Alice McCabe, with the Gwinnett County Historical Society in reference to Miller Road Cemetery. Ms. McCabe indicated that the Miller family cemetery contains burial plots ranging in age from 1823 to 1903. To her knowledge, the cemetery would not lie within the APE and has not been included on the national historical register. The proposed pedestrian sidewalk construction will be within the existing right-of-way and would have no adverse impact on Miller Road Cemetery or any other potential historical or archeological points of interest.

REGULATORY REVIEW

The following lists and reports were reviewed to determine if the subject site or properties in the surrounding vicinity were recorded. The approximate minimum search distances (AMSD) used were equal to or greater than the distances recommended in ASTM (American Society for Testing and Materials) Practice E-1527-97. For listings not mentioned in ASTM E-1527-97, a minimum search distance of an equivalent list was used.

1. United States Environmental Protection Agency CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) list dated, April 3, 2000, including the CERCLIS NFRAP (No Further Remedial Action Planned) list dated December of 1999 (AMSD = 0.5 mile).
2. United States Environmental Protection Agency WASTELAN Preremedial Report 20 dated April 3, 2000 (AMSD = not given in E-1527-97, 0.5 mile distance searched).
3. United States Environmental Protection Agency Envirofacts Database via the Internet list dated July of 2000. The Envirofacts list has no independent significance. It is merely a listing of other lists (AMSD = not given in E-1527-97, the subject site and adjoining properties).
4. United States Environmental Protection Agency RCRIS/HWDMS (Resource, Conservation, and Recovery Information System/Hazardous Waste Data Management System) list of generators and transporters of hazardous or regulated materials dated May 1, 2000 (AMSD = the subject site and adjoining properties). RCRIS Corrective Action Sites (CORRACTS) dated February of 1999 (AMSD = 0.5 mile).
5. United States Environmental Protection Agency RCRIS/HWDMS list of Treatment, Storage and Disposal facilities (TSD) of hazardous or regulated materials dated May 1, 2000 (AMSD = 1.0 mile).

6. United States Environmental Protection Agency ERNS (Emergency Response Notification System) National Spill Reports available from January of 1990 through April 3, 2000 (AMSD = site only).
7. United States Environmental Protection Agency National Priorities List (NPL) dated April 3, 2000 (AMSD = 1.0 mile).
8. State of Georgia Environmental Protection Division (EPD) Emergency Response Team Field records available from January of 1990 through May 15, 2000 (AMSD = site only, same as ERNS).
9. State of Georgia Environmental Protection Division Underground Storage Tank Management Program (USTMP) List of leaking underground storage tanks (LEAKING UST) dated July of 2000 (AMSD = 0.5 mile).
10. State of Georgia EPD Solid Waste Management Program, Operating Solid Waste Facilities list dated June 29, 1999 (AMSD = 0.5 mile).
11. Georgia Department of Natural Resources (DNR) Hazardous Site Inventory (HSI) list dated July 1, 2000 (AMSD = 1.0 mile).
12. Georgia Department of Natural Resources Hazardous Site Response Act (HSRA) Release Notification Files through June of 2000 (AMSD = not given in E-1527-97, use 0.5 mile, same as LEAKING UST).
13. State of Georgia Environmental Protection Division Underground Storage Tank Management Program (USTMP) underground storage tanks (UST) registration files (AMSD = adjoining properties).
14. United States Environmental Protection Agency Civil Enforcement Docket available from 1972 to March of 2000 (AMSD = not given in E-1527-97, 0.5 mile distance searched).
15. United States Environmental Protection Agency TRI (Toxic Release Inventory) list dated April 3, 2000 (AMSD = not given in E-1527-97, 0.5 mile distance searched).
16. United States EPA, PCS (Water Permit Compliance System) list dated May 1, 2000 (AMSD = not given in E-1527-97, the subject site and adjoining properties searched).
17. United States EPA, AFS (Air Compliance Data and Air Facility) list dated May 1, 2000 (AMSD = not given in E-1527-97, the subject site and adjoining properties searched).

No facilities located along the APE appeared on any of the regulatory lists reviewed.

OTHER ENVIRONMENTAL ISSUES

The proposed pedestrian sidewalk project is intended to help improve ecological, air and noise pollution by encouraging the nearby population to walk to the local businesses instead of taking their automobiles for short errands. The construction of the proposed sidewalk should not have any long-term ecological, air or noise impacts on the APE.

The proposed pedestrian sidewalk will only affect the right-of-way of Miller Road, therefore, having no impact on surrounding residential homes. No existing intermittent streams, rivers or wetland habitats were observed immediately adjacent to the APE.

If we can be of further assistance to you on this project, please contact us at your convenience.

Respectfully submitted,

SAILORS ENGINEERING ASSOCIATES, INC.

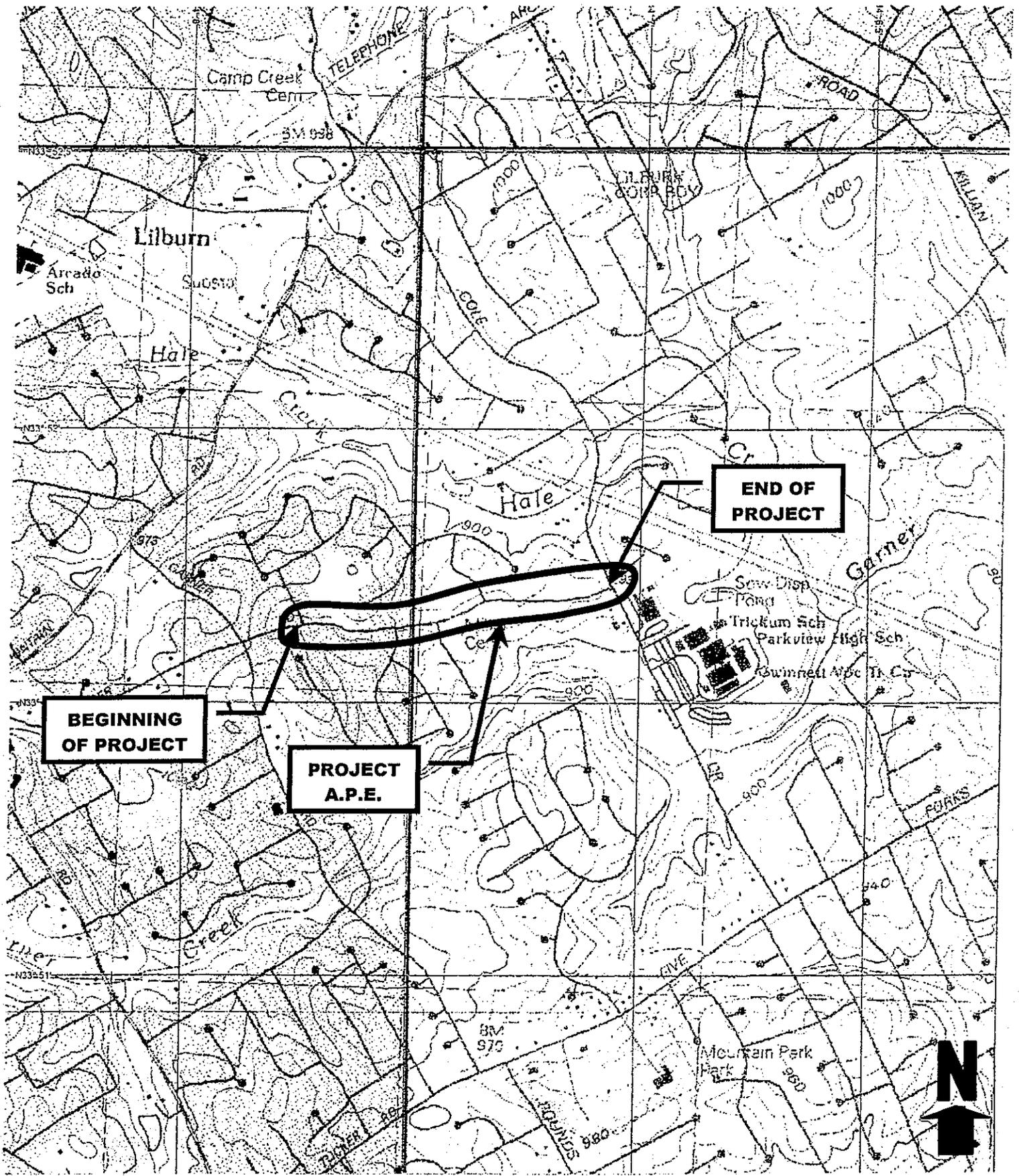


Tyler Boyles
Tyler Boyles, Staff Geologist

Jim D. Sailors
Jim D. Sailors, P.E.

/kip

APPENDIX



Map taken from USGS
 Dorcross, Georgia
 Quadrangle; 7.5 Minute Series

Scale: 1"=2000'

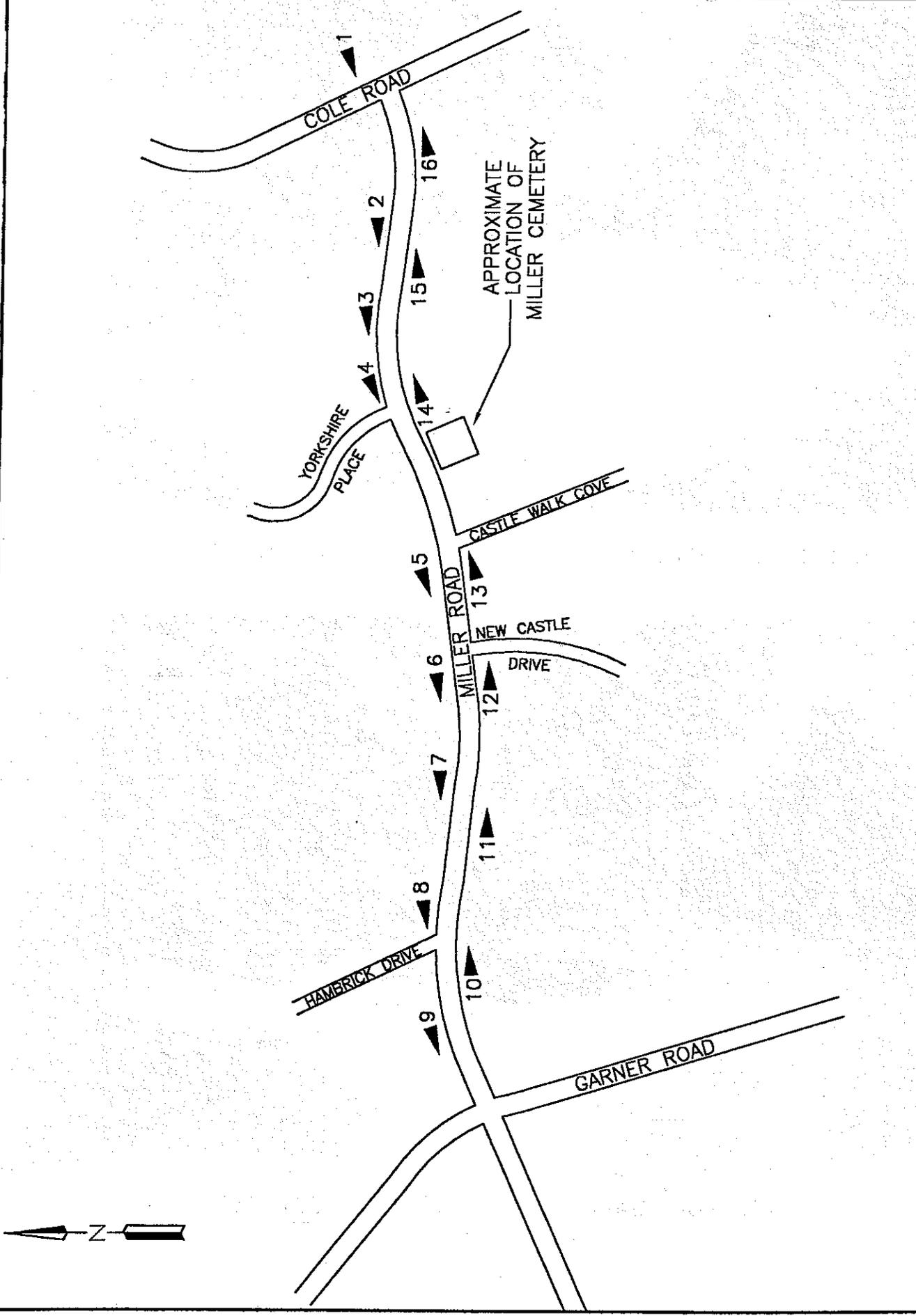
AREA PLAN

MILLER ROAD SIDEWALK PROJECT

Miller Road from
 Cole Road to Garner Road
 Lilburn, Georgia

Job No. 002-097





MILLER ROAD SIDEWALK PROJECT
 Miller Road from
 Cole Road to Garner Road
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SITE PLAN

2 ▲ - Photo Location and Direction
 Drawing not to scale





1. EAST SIDE OF COLE ROAD AND MILLER ROAD INTERSECTION



2. NORTH SIDE OF MILLER ROAD 30 YARDS WEST OF COLE ROAD INTERSECTION



3. NORTH SIDE OF MILLER ROAD 40 YARDS EAST OF YORKSHIRE PLACE INTERSECTION



4. NORTH SIDE OF MILLER ROAD AT YORKSHIRE PLACE INTERSECTION



5. NORTH SIDE OF MILLER ROAD ACROSS FROM CASTLE WALK COVE INTERSECTION



6. NORTH SIDE OF MILLER ACROSS FROM NEW CASTLE DRIVE INTERSECTION



7. NORTH SIDE OF MILLER ROAD 40 YARDS WEST OF NEW CASTLE DRIVE INTERSECTION



8. NORTH SIDE OF MILLER ROAD AT HAMBRICK DRIVE INTERSECTION



13. SOUTH SIDE OF MILLER ROAD AT CASTLE WALK COVE INTERSECTION



14. SOUTH SIDE OF MILLER ROAD ACROSS FROM YORKSHIRE PLACE INTERSECTION



15. SOUTH SIDE OF MILLER ROAD 60 YARDS EAST OF YORKSHIRE PLACE INTERSECTION



16. SOUTH SIDE OF MILLER ROAD 20 YARDS WEST OF COLE ROAD

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

PROJECT CONCEPT REPORT

**CM-00BK (47) GWINNETT
GA DOT P.I. NO. 162526
GWINNETT CO. # 9664
MILLER ROAD SIDEWALKS**

Federal Route No.: N/A
State Route No.: N/A

Date of Report: August 17, 2000
Revised:

This project 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.

RECOMMENDATION FOR APPROVAL	
8-17-00	<i>Alan R. Chapman</i>
Date	Gwinnett County Department of Transportation
Date	State Transportation Planning Administrator
8/31/00	<i>Heather J. Huff</i>
Date	State Transportation Programming Administrator
Date	GADOT Environmental/Location Engineer
Date	GADOT Road & Airport Engineer
Date	GADOT Traffic Operations Engineer
Date	State Project Review Engineer
8-28-00	<i>Todd [Signature] for Larry Dent</i>
Date	GADOT District 1 Engineer

**DEPARTMENT OF TRANSPORTATION
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Date	State Transportation Planning Administrator
Date	State Transportation Programming Administrator
Date	GADOT Environmental/Location Engineer
Date	GADOT Road & Airport Engineer
<i>9/6/2000</i>	<i>Maria H. ...</i>
Date	GADOT Traffic Operations Engineer
Date	State Project Review Engineer
<i>8-28-00</i>	<i>Todd ... for Larry Dent</i>
Date	GADOT District 1 Engineer

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8/30/00	<i>[Signature]</i>
Date	State Project Review Engineer
8-28-00	<i>[Signature]</i>
Date	GADOT District 1 Engineer