ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. Nos. 0006885, 0008266, 0008267, 0008268, DeKalb County
CSSTP-0006-00(885), CSSTP-0008-00(266), (267), (268)
Sidewalks along 6 Corridors

OFFICE Preconstruction

DATE April 24, 2006

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

TO SEE DISTRIBUTION

SUBJECT **APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: P. I. Nos. 0006885, 0008266, 0008267, 0008268,
DeKalb County **OFFICE** Preconstruction
CSSTP-0006-00(885), CSSTP-0008-00(266), (267), (268)
Sidewalks Along 6 Corridors **DATE** April 10, 2006

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of a continuous and ADA compliant sidewalk system along the following 6 roadway segments: Bouldercrest Road from Clifton Church Road to the Atlanta city limits, Flat Shoals Road from Second Avenue to Candler Road, Frazier Road from Lawrenceville Highway to LaVista Road, Henderson Road from Henderson Mill Road to LaVista Road, McAfee Road from Second Avenue to Candler Road, and Salem Road from Panola Road to Fannin Drive. This is accomplished by connecting existing sidewalk segments with curb and gutter along with sidewalks on both sides of the above mentioned project corridors, thus providing connectivity and accessibility to nearby schools, churches, malls and MARTA bus routes. The construction of ADA compliant ramps and crosswalks along existing segments of sidewalks will provide further enhancements along these corridors. Providing a safer and continuous sidewalk system will encourage greater pedestrian usage within this area of DeKalb County.

PROJECT NO.	CORRIDOR	PROJECT LENGTH
CSSTP-0006-00(885)	Bouldercrest Road	3.0 miles
CSSTP-0008-00(266)	Flat Shoals Road McAfee Road	4.2 miles
CSSTP-0008-00(267)	Frazier Road Henderson Road	3.0 miles
CSSTP-0008-00(268)	Salem Road	0.6 mile

The proposed project will construct 5' sidewalks with 2' grass strips along with curb and gutter to fill in the voids between the existing segments of sidewalks to provide connectivity along Bouldercrest Road from the intersection of Clifton Church Road to Eastland Road at Atlanta city limits, Flat Shoals Road from the intersection of Second Avenue to the intersection of Candler Road, Frazier Road from the intersection of Lawrenceville Highway to the intersection of LaVista

Road, Henderson Road from the intersection of Henderson Mill Road to the intersection of LaVista Road, McAfee Road from the intersection of Second Avenue to the intersection of Candler Road, and at Salem Road from the intersection of Panola Road to Fannin Drive. Utility relocation, other than when a direct conflict exists, is not within the scope of work for this project.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

The estimated costs for these projects are:

Project 1-Bouldercrest Road- CSSTP-0006-00(885), P.I. No. 0006885

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	$1,559,000	$3,155,000	L230	LR
Right-of-Way & Utilities*	Local	Local		

Project 2 - Flat Shoals Road and McAfee Road - CSSTP-0008-00(266), P.I. No. 0008266

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	$2,548,000	-----	L230(Proposed)	LR(Proposed)
Right-of-Way & Utilities*	Local	-----	Local	

Project 3 - Frazier Road and Henderson Road -CSSTP-0008-00(266), P.I. No. 0008267

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	$2,537,000	-----	L230(Proposed)	LR(Proposed)
Right-of-Way & Utilities*	Local	-----	Local	

Project 4 - Salem Road -CSSTP-0008-00(266), P.I. No. 0008268

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C and inflation)	$338,000	-----	L230(Proposed)	LR(Proposed)
Right-of-Way & Utilities*	Local	-----	Local	

I recommend this project concept be approved and the project description be revised to reflect the new projects herein.

MBP:JDQ/cj

Attachment

CONCUR _____
Buddy Gratton, P.E., Director of Preconstruction

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

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT NUMBER: CSSTP-0006-00(885)
P. I. No. 0006885

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 Design Approval: APRIL 24, 2006

The project lies entirely within Dekalb County and within Land Lots 77, 83, 84, 105, 106, 107, 110, 114, 115, 117, 118, 140, 142, 143, 149, 150, 151, 170, 171 & 172 of the 15th District; Land Lots 20, 21, 44, 45 of the 16th District; Land Lots 146, 162, 163, 212, 227, 250, 251 & 252 of the 18th District, and in the 4th Congressional District.

The purpose of the project is to provide continuous and accessible sidewalks in conjunction with street crossings, and handicap ramps to create a safe and inviting environment for pedestrians. The project consists of six different roadway segments: Bouldercrest Road from Clifton Church Road to the Atlanta City limits, Flat Shoals Road from Second Avenue to Candler Road, Frazier Road from Lawrenceville Highway to LaVista Road, Henderson Road from Henderson Mill road to LaVista Road, McAfee Road from Second Avenue to Candler Road, and Salem Road from Panola Road to Fannin Drive.

Thomas C. Parker, Area Engineer
Georgia Department of Transportation
805 George Luther Drive
Decatur, Georgia 30032
E-mail: thom.parker@dot.state.ga.us
Phone: (404) 299-4386

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Mike Lobdell, District Preconstruction Engineer
Georgia Department of Transportation
5025 New Peachtree Rd.
Chamblee, Georgia 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (770) 986-1050

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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 7

PROJECT CONCEPT REPORT

RECEIVED
MAR 2 1 2006
BY:

Project Number: CSSTP-0006-00(885)
County: DEKALB
P. I. Number: 0006885

Federal Route Number: N/A
State Route Number: N/A

Sidewalks along 6 Corridors – Phase II
Sidewalks along Some of 18 Corridors (Phase II) Including Bouldercrest, Flat Shoals, Frazier, Henderson, McAfee, and Salem Roads

Recommendation for approval:

DATE 3/15/06 _____
Project Manager

DATE 3/17/06 _____
District Engineer

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

DATE 3/20/06 _____
State Transportation Planning Administrator

DATE _____
State Environmental/Location Engineer

DATE _____
State Traffic Safety & Design Engineer

DATE _____
Project Review Engineer

DATE _____
State Financial Management Administrator

DATE _____
State Bridge Design Engineer

RECEIVED
MAR 2 1 2006

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 7

PROJECT CONCEPT REPORT

Project Number: CSSTP-0006-00(885)
County: DEKALB
P. I. Number: 0006885

Federal Route Number: N/A
State Route Number: N/A

Sidewalks along 6 Corridors – Phase II
Sidewalks along Some of 18 Corridors (Phase II) Including Bouldercrest, Flat Shoals, Frazier, Henderson, McAfee, and Salem Roads

Recommendation for approval:

DATE 3/15/06 — Project Manager

DATE 3/17/06 — District Engineer

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

DATE _____ — State Transportation Planning Administrator

DATE _____ — State Environmental/Location Engineer

DATE 3-21-06 — State Traffic Safety & Design Engineer

DATE _____ — Project Review Engineer

DATE _____ — State Financial Management Administrator

DATE _____ — State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 7

PROJECT CONCEPT REPORT

Project Number: CSSTP-0006-00(885)
County: DEKALB
P. I. Number: 0006885

Federal Route Number: N/A
State Route Number: N/A

Sidewalks along 6 Corridors – Phase II
Sidewalks along Some of 18 Corridors (Phase II) Including Bouldercrest, Flat Shoals, Frazier, Henderson, McAfee, and Salem Roads

Recommendation for approval:

DATE 3/15/06 _____ Project Manager

DATE 3/17/06 _____ District Engineer

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

DATE 3-30-06 _____ State Transportation Planning Administrator

DATE _____ State Environmental/Location Engineer

DATE _____ State Traffic Safety & Design Engineer

DATE _____ Project Review Engineer

DATE _____ State Financial Management Administrator

DATE _____ State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 7

PROJECT CONCEPT REPORT

Project Number: CSSTP-0006-00(885)
County: DEKALB
P. I. Number: 0006885

Federal Route Number: N/A
State Route Number: N/A

Sidewalks along 6 Corridors – Phase II
Sidewalks along Some of 18 Corridors (Phase II) Including Bouldercrest, Flat Shoals, Frazier, Henderson, McAfee, and Salem Roads

Recommendation for approval:

DATE 3/15/06 _____ Project Manager

DATE 3/17/06 _____ District Engineer

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

DATE _____ State Transportation Planning Administrator

DATE _____ State Environmental/Location Engineer

DATE _____ State Traffic Safety & Design Engineer

DATE _____ Project Review Engineer

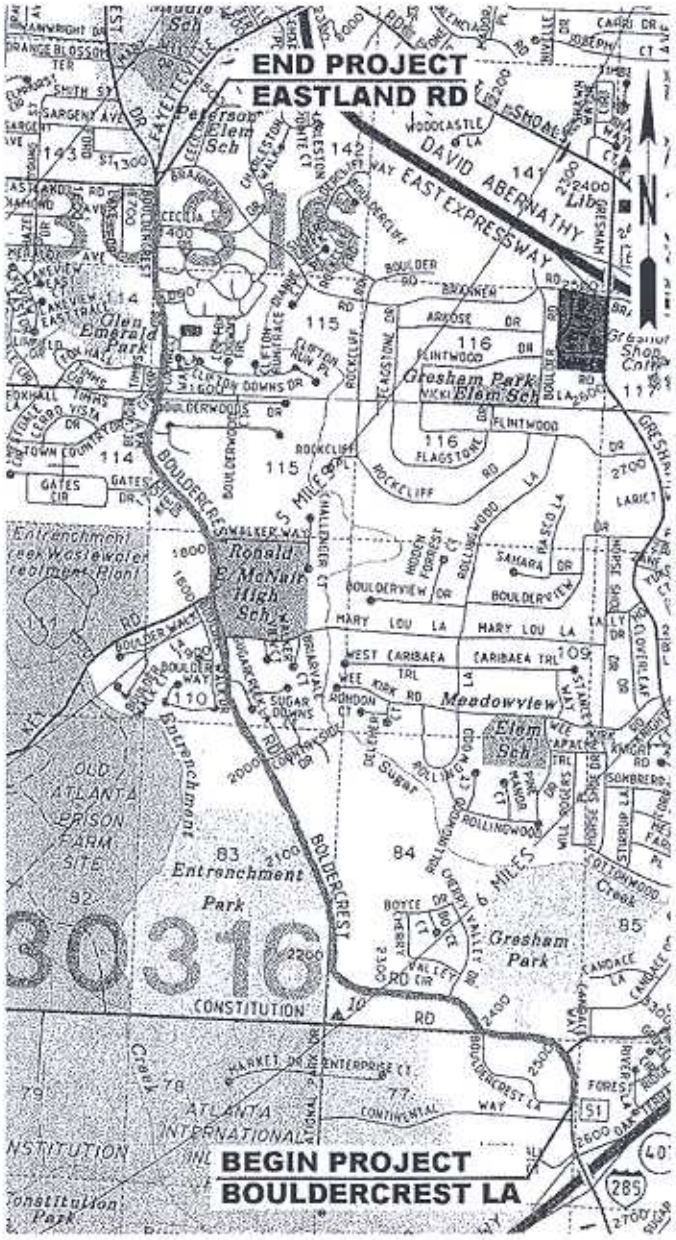
DATE _____ State Financial Management Administrator

DATE _____ State Bridge Design Engineer

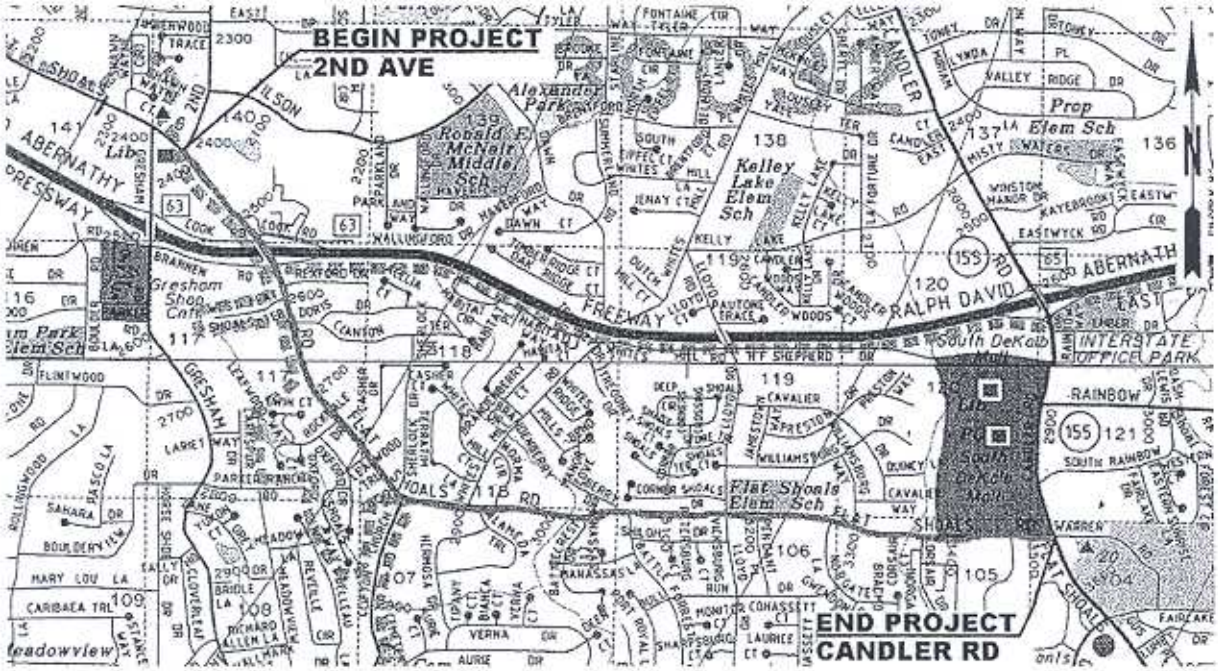
"LOCATION SKETCH"

(Projects are shown in alphabetical order)

Bouldercrest Road

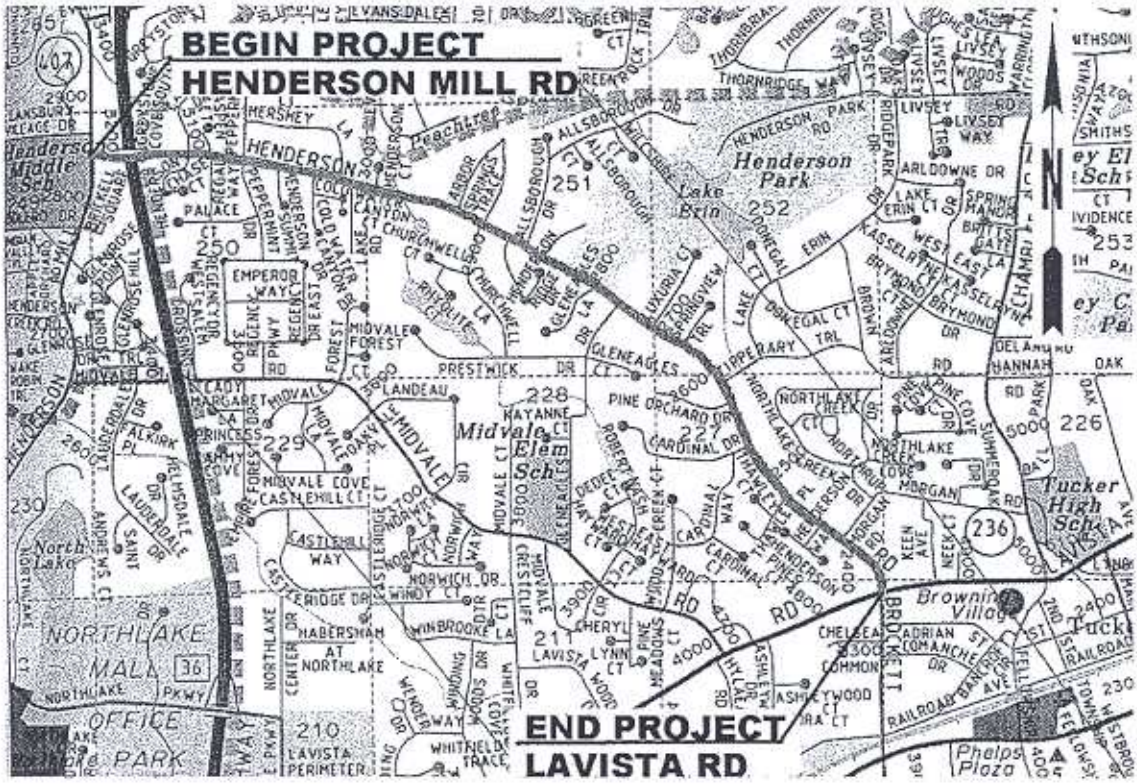


Flat Shoals Road



Frazier Road

Henderson Road



McAfee Road

Salem Road

BEGIN PROJECT
PANOLA RD
Salem Road Park
Salem Middle Sch
Lib
Cem
END PROJECT
FANNIN RD

Need and Purpose:
The purpose of this project is to provide a continuous and ADA compliant sidewalk system along the following 6 roadway segments: Bouldercrest Road from Clifton Church Road to the Atlanta City limits, Flat Shoals Road from Second Avenue to Candler Road, Frazier Road from Lawrenceville Highway to LaVista Road, Henderson Road from Henderson Mill road to LaVista Road, McAfee Road from Second Avenue to Candler Road and Salem Road from Panola Road to Fannin Drive. This is accomplished by connecting existing sidewalk segments with curb and gutter along with sidewalks on both sides of the above mentioned project corridors thus providing connectivity and accessibility to nearby schools, churches, malls and MARTA bus routes. The construction of ADA compliant ramps and crosswalks along existing segments of sidewalks would provide further enhancements along these corridors. Providing a safer and continuous sidewalk system would encourage greater pedestrian usage within this area of Dekalb County.

Dekalb County is requesting the Georgia Department of Transportation project number CSSTP-0006-00(885) in Dekalb County, Georgia be separated into four (4) different phases as identified in the following table:

Phase	Corridor(s)	Project Length
1	Bouldercrest Road	3.0 miles
2	Flat Shoals Road McAfee Road	4.2 miles
3	Frazier Road Henderson Road	3.0 miles
4	Salem Road	0.6 miles

Description of the proposed project:
The proposed project would construct 5-foot sidewalks with 2-foot grass strips, along with curb and gutter to fill in the voids between the existing segments of sidewalks to provide connectivity along Bouldercrest Road from the intersection of Clifton Church Road to Eastland Road at Atlanta City Limits, Flat Shoals Road from the intersection of Second Avenue to the intersection of Candler Road, Frazier Road from the intersection of Lawrenceville Highway to the intersection of La Vista Road, Henderson Road, from the intersection of Henderson Mill Road to the intersection of La Vista Road, McAfee Road, from the intersection of Second Avenue to the intersection of Candler Road and at Salem Road from the intersection of Panola Road to Fannin Drive. Utility relocation, other than when a direct conflict exists, is not within the scope of work for this project.

The proposed sidewalks will provide a continuous ADA accessible pathway along at least one side of the roadway segments mentioned above. The length of the entire project corridor is 10.8 miles and the breakdown is as follows: along Bouldercrest Road is 3.0 miles, along Flat Shoals Road is 2.7 miles, along Frazier Road is 1.0 mile, along Henderson Road is 2.0 miles, along McAfee Road is 1.5 miles, and along Salem Road is 0.6 miles. Due to the overall length and potential conflicts of certain segments, the construction documents might be broken into multiple phases.

Is the project located in a Non-attainment area? __X_Yes____No.
Project is in conformance with the current TIP and does not add capacity to roadway. Project is

air quality exempt.

PDP Classification: Major _____ Minor X

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

Functional Classification: Bouldercrest Road – Urban Minor Arterial
Flat Shoals Road – Urban Minor Arterial
Frazier Road – Urban Collector Street
Henderson Road – Urban Collector Street
McAfee Road – Urban Collector Street
Salem Road – Urban Minor Arterial

U. S. Route Number(s): N/A

State Route Number(s): N/A

Bouldercrest Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot travel lanes, 12-foot right turn lane in some places, variable width grass shoulder. There is existing curb & gutter, and sidewalk on eastern side of project.

- Posted speed: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
- Width of right of way: varies from 50' to 80'
- Major structures: N/A
- Major interchanges or intersections along the project:
  - Bouldercrest Road at Clifton Church Road
  - Bouldercrest Road at Constitution Road
  - Bouldercrest Road at West Side Place
- Existing length of roadway segment and the beginning mile logs for each county segment. 3.0 miles

Proposed Design Features:

- Proposed typical section:
  The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 5-foot sidewalk on the entire west side and in various locations along the east to provide continuity on both sides of the road. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A

- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
  - Number of parcels: Approximately 43
- Structures: N/A
- Major intersections and interchanges:
  - Bouldercrest Road at Clifton Church Road
  - Bouldercrest Road at Constitution Road
  - Bouldercrest Road at West Side Place
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

Flat Shoals Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot travel lanes, variable width grass shoulder, with some curb & gutter, and 4-foot sidewalk on northern side of road.

- Posted speed: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
- Width of right of way: varies from 37' to 72'
- Major structures:
  - Flat Shoals Road over I-20
  - Flat Shoals Road over Doolittle Creek
  - Flat Shoals Road over Doless Creek
- Major interchanges or intersections along the project:
  - Flat Shoals Road at I-20
  - Flat Shoals Road at Clifton Church Road
- Existing length of roadway segment and the beginning mile logs for each county segment. 2.7 miles

Proposed Design Features:

Proposed typical section:

The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 5' sidewalk on the south and in various locations along the north to provide continuity on both sides side of the road. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A
- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
    - Number of parcels: Approximately 60
- Structures:
  - Bridges: Flat Shoals Road over Doless Creek Culvert to be extended to accommodate the proposed sidewalks
- Major intersections and interchanges:
  - Flat Shoals Road at I-20
  - Flat Shoals Road at Clifton Church Road
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

Frazier Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot travel lanes, variable width grass shoulder, with some curb & gutter, and 5-foot sidewalk on eastern side of the road.

- Posted speed: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
- Width of right of way: varies from 40' to 70'
- Major structures:
  - Frazier Road over Burnt Fork Creek
- Major interchanges or intersections along the project:
  - Frazier Road at Lawrenceville Hwy
  - Frazier Road at LaVista Road
- Existing length of roadway segment and the beginning mile logs for each county segment. 1.0 mile

Proposed Design Features:

- Proposed typical section:
  The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 3700' of 5-foot sidewalk on the west and 5200' on the east to provide continuity on

both sides of the road. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A
- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
    - Number of parcels: Approximately 45
- Structures:
  - Bridges: New Pedestrian Bridge over Burnt Fork Creek shall be constructed to provide a continuous ADA accessible walkway.
- Major intersections and interchanges.
  - Frazier Road at Lawrenceville Hwy
  - Frazier Road at LaVista Road
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

Henderson Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot travel lanes, variable width grass shoulder, with some curb & gutter, and sidewalk for about 5200' on north western end of the project.

- Posted speed: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
  - Width of right of way: varies from 60' to 75'
- Major structures:
  - Henderson Road over I-285
- Major interchanges or intersections along the project:
  - Henderson Road at Henderson Mill Road
  - Henderson Road at LaVista Road
- Existing length of roadway segment and the beginning mile logs for each county segment. 2.0 miles

Proposed Design Features:

- Proposed typical section:
  The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 5-foot sidewalk for 5000' on the east and 9100' on the west to provide continuity on both sides of the road. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A
- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
  - Number of parcels : Approximately 30
- Structures: No modifications anticipated
- Major intersections and interchanges:
  - Henderson Road at Henderson Mill Road
  - Henderson Road at LaVista Road
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

McAfee Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot lanes, variable width grass shoulder, curb & gutter, and 4-foot sidewalk on 2300' on north side.

- Posted speeds: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
- Width of right of way: varies from 50' to 70'
- Major structures:
  - Culvert – McAfee Road over Doolittle Creek
- Major interchanges or intersections along the project:
  - McAfee Road at Candler Road
  - McAfee Road at Second Avenue
- Existing length of roadway segment and the beginning mile logs for each county segment. 1.5 miles

Proposed Design Features:

- Proposed typical section:
  The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 5-foot sidewalk on 5500' on the south and 7950' on the north to provide continuity on both sides of the road. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A
- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
  - Number of parcels: Approximately 47 parcels
- Structures:
  - Culvert over Doolittle Creek will be extended to accommodate the proposed shoulder section
- Major intersections and interchanges:
  - McAfee Road at Candler Road
  - McAfee Road at Second Avenue
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

Salem Road

Existing design features:

- Typical Section:
  The existing roadway configuration consists of two 12-foot travel lanes, variable width grass shoulder, curb & gutter, and sidewalk on entire south side.

- Posted speed: 35 mph
- Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: N/A
- Width of right of way: varies from 70' to 85'
- Major structures: N/A
- Major interchanges or intersections along the project:
  - Salem Road at Panola Road
- Existing length of roadway segment and the beginning mile logs for each county segment. 0.6 miles

Proposed Design Features:

- Proposed typical section:
  The proposed configuration shall consist of 12-foot shoulders with 2'-6" curb & gutter, and 5-foot sidewalk on entire north side. The existing travel lane widths and turn lane configurations shall be maintained.

- Proposed Design Speed Mainline N/A
- Proposed Maximum grade Mainline N/A Maximum grade allowable N/A.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Minimum radius for curve N/A Maximum radius allowable N/A
- Proposed Maximum super-elevation rate for curve: N/A
- Proposed Maximum degree of curve N/A Maximum degree allowable N/A.
- Right of way
  - Width VARIES.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( ), Other ( ).
  - Number of parcels: Approximately 3
- Structures: N/A
- Major intersections and interchanges:
  - Salem Road at Panola Road
- Traffic control during construction: Existing two-way traffic will be maintained during the construction.

Design Exceptions to controlling criteria anticipated:

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

- Design Variances; N/A
- Environmental concerns: A 404 permit may be required for the culvert extension on McAfee Road.
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).

- Utility involvements:

BOULDERCREST ROAD:

AGL NETWORKS, LLC	TELECOMMUNICATION
ATLANTA GAS LIGHT	GAS
BELLSOUTH	TELECOMMUNICATION
CITY OF ATLANTA SEWER	SEWER
CITY OF ATLANTA WATER	WATER
COMCAST COMMUNICATIONS	CATV
GEORGIA POWER	ELECTRIC
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER

FLAT SHOALS ROAD:

ATLANTA GAS LIGHT	GAS
AGL NETWORKS, LLC	TELECOMMUNICATION
BELLSOUTH	TELECOMMUNICATION
COMCAST COMMUNICATIONS	CATV
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER
GEORGIA POWER	ELECTRIC

FRAZIER ROAD:

ATLANTA GAS LIGHT	GAS
AGL NETWORKS, LLC	TELECOMMUNICATION
BELLSOUTH	TELECOMMUNICATION
COMCAST COMMUNICATIONS	CATV
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER
GEORGIA POWER	ELECTRIC

HENDERSON ROAD:

TELECOVE	TELECOMMUNICATION
ATLANTA GAS LIGHT	GAS
AGL NETWORKS, LLC	TELECOMMUNICATION
BELLSOUTH	TELECOMMUNICATION
COMCAST COMMUNICATIONS	CATV
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER
GEORGIA POWER	ELECTRIC
CITY OF NORCROSS ELECTRIC	ELECTRIC
TELEPORT COMMUNICATION GROUP	TELECOMMUNICATION

McAFEE ROAD:

ATLANTA GAS LIGHT	GAS
AGL NETWORKS, LLC	TELECOMMUNICATION
AMERICAN TELEPHONE & TELEGRAPH	TELECOMMUNICATION

BELLSOUTH	TELECOMMUNICATION
COMCAST COMMUNICATIONS	CATV
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER
GEORGIA POWER	ELECTRIC

SALEM ROAD:

ATLANTA GAS LIGHT CONYERS	GAS
AGL NETWORKS, LLC	TELECOMMUNICATION
BELLSOUTH	TELECOMMUNICATION
COMCAST COMMUNICATIONS	CATV
DEKALB COUNTY TRAFFIC & SAFETY	TRAFFIC
DEKALB COUNTY WATER & SEWER	WATER & SEWER
GEORGIA POWER	ELECTRIC

Project responsibilities:

- Design, DEKALB COUNTY
- Right of Way Acquisition, DEKALB COUNTY
- Relocation of Utilities, DEKALB COUNTY
- Letting to contract, DEKALB COUNTY
- Supervision of construction, DEKALB COUNTY
- Providing material pits, N/A
- Providing detours. N/A

Coordination

- Concept Meeting date and brief summary. Completed on February 9, 2006. Minutes are attached.
- P. A. R. meetings, dates and results. (N/A)
- FEMA, USCG, and/or TVA
- Public involvement. (N/A)
- Local government comments. (N/A)
- Other projects in the area: Coordination with the Lake Buena Vista Dam Project on McAfee Road.
- Other coordination to date.
- Railroads: Coordination with CSX will be required for Frazier Road.

Scheduling – Responsible Parties' Estimate

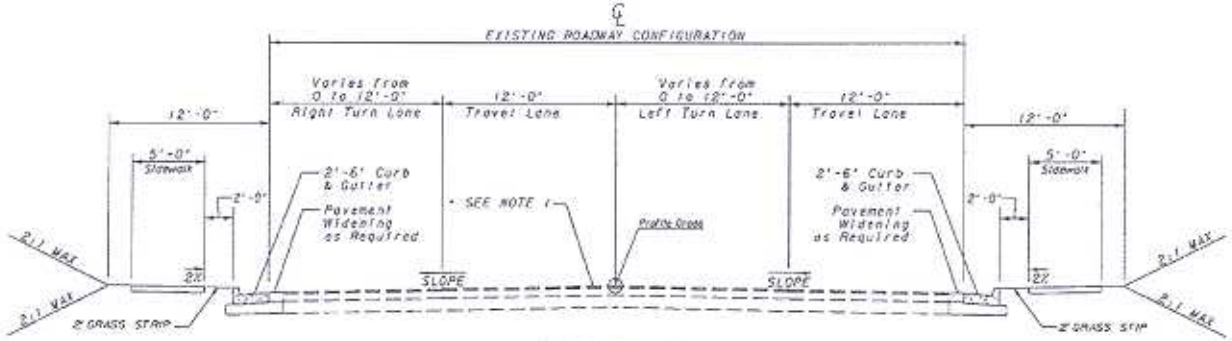
- Time to complete the environmental process: 12 Months
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right of way plans: 3 Month.
- Time to complete the Section 404 Permit: N/A
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 24 Months.
- List other major items that will affect the project schedule: N/A

Other alternates considered: (N/A).

Comments: NONE

Attachments:

1. Typical Sections
2. Cost Estimate
3. L&D
4. Concept Team Meeting Minutes



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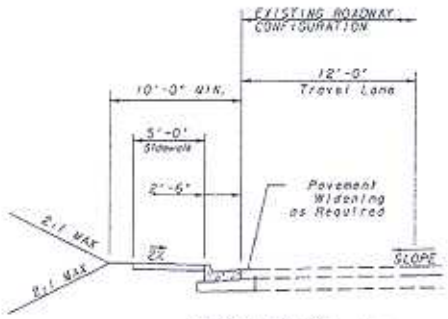
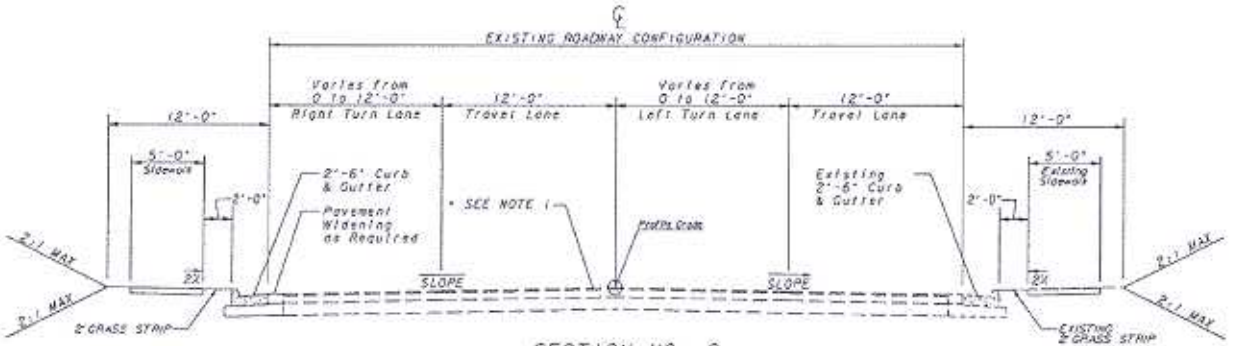
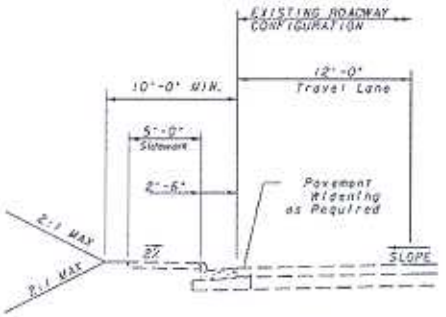
BOULDERCREST RD
FLAT SHOALS RD
FRAZIER RD
HENDERSON RD
AND MCAFEE RD.
(NOT TO SCALE)



SECTION NO. 1a
MCAFEE RD
(NOT TO SCALE)



SECTION NO. 2
BOULDERCREST RD
FLAT SHOALS RD
FRAZIER RD
HENDERSON RD
MCAFEE RD
AND SALEM RD.
(NOT TO SCALE)



SECTION NO. 2a
HENDERSON RD
(NOT TO SCALE)

.../05 McAfee/TYPS.dgn 03/03/2006 11:31:01 AM

Project No:
DATE: JANUARY **2006**

Client: **DEKALB COUNTY**
Client Project No.: **CSSTP-0006-00(885)**
Description: **Sidewalks along 6 Corridors - Phase II**

CONSTRUCTION COST ESTIMATE SUMMARY

PHASE 1

	Cost
Bouldercrest Road	$1,558,104.90
Total Cost (PH1)	**$1,558,104.90**

PHASE 2

	Cost
Flat Shoals Road	$1,162,843.91
McAfee Road	$1,384,606.72
Total Cost (PH2)	**$2,547,450.63**

PHASE 3

	Cost
Frazier Road	$1,042,754.95
Henderson Road	$1,493,845.80
Total Cost (PH3)	**$2,536,600.75**

PHASE 4

	Cost
Salem Road	$337,973.45
Total Cost (PH4)	**$337,973.45**

Total Cost **$6,980,129.73**

Estimate Report for file "Bouldercrest"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	15000.00	TRAFFIC CONTROL -	15000.00
202-2100	1	LS	10000.00	CLEARING	10000.00
310-1101	25	TN	15.19	GR AGGR BASE CRS, INCL MATL	379.75
402-3140	600	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	23694.00
413-1000	260	GL	1.03	BITUM TACK COAT	267.80
441-0016	210	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	6169.80
441-0104	10833	SY	24.98	CONC SIDEWALK, 4 IN	270608.34
441-4020	105	SY	29.45	CONC VALLEY GUTTER, 6 IN	3092.25
441-6012	19500	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	320385.00
441-7011	20	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	12922.20
500-9999	400	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	67840.00
550-1180	10850	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	352842.00
611-3000	5	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	8480.05
611-8040	5	EA	800.32	ADJUST DROP INLET TO GRADE	4001.60
611-8140	5	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	1547.90
634-1200	40	EA	88.78	RIGHT OF WAY MARKERS	3551.20
641-1200	280	LF	13.60	GUARDRAIL, TP W	3808.00
641-5001	2	EA	476.70	GUARDRAIL ANCHORAGE, TP 1	953.40
641-5012	2	EA	1548.97	GUARDRAIL ANCHORAGE, TP 12	3097.94
668-1100	32	EA	1772.10	CATCH BASIN, GP 1	56707.20
				Section Sub Total:	**$1,165,348.43**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	8	EA	319.50	REM SIGN	2556.00
611-5551	8	EA	2271.96	RESET SIGN	18175.68
636-1031	32	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	540.16
636-2010	40	LF	7.21	GALV STEEL POSTS, TP 1	288.40
653-1501	19555	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	5279.85
653-1704	360	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1209.60
653-1804	300	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	495.00
				Section Sub Total:	**$28,544.69**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	478.69	TEMPORARY GRASSING	2106.24
163-0240	13	TN	198.11	MULCH	2615.05
700-6910	4	AC	782.60	PERMANENT GRASSING	3443.44
700-7000	4	TN	57.78	AGRICULTURAL LIME	254.23
700-7010	11	GL	18.81	LIQUID LIME	206.91
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	220	LB	1.52	FERTILIZER NITROGEN CONTENT	334.40
				Section Sub Total:	**$9,224.05**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	16	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	3754.40
165-0010	5400	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5778.00
165-0105	32	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	2695.04
171-0010	10850	LF	1.84	TEMPORARY SILT FENCE, TYPE A	19964.00
				Section Sub Total:	**$32,191.44**

Total Estimated Cost: $1,235,308.61

Subtotal Construction Cost	**$1,235,308.61**
E&C Rate 15.0 %	$185,296.29
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$1,420,604.90**
Right Of Way	$107,500.00
ReImb. Utilities	$30,000.00
Grand Total Project Cost	**$1,558,104.90**

Estimate Report for file "Flat Shoals"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	30000.00	TRAFFIC CONTROL -	30000.00
202-2100	1	LS	9000.00	CLEARING	9000.00
310-1101	779	TN	15.19	GR AGGR BASE CRS, INCL MATL	11833.01
402-3140	400	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	15796.00
413-1000	175	GL	1.03	BITUM TACK COAT	180.25
441-0016	1700	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	49946.00
441-0104	3861	SY	24.98	CONC SIDEWALK, 4 IN	96447.78
441-4020	836	SY	29.45	CONC VALLEY GUTTER, 6 IN	24620.20
441-6012	6950	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	114188.50
441-7011	66	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	42643.26
500-9999	400	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	67840.00
550-1180	7020	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	228290.40
611-3000	10	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	16960.10
611-8040	20	EA	800.32	ADJUST DROP INLET TO GRADE	16006.40
611-8140	10	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	3095.80
634-1200	93	EA	88.78	RIGHT OF WAY MARKERS	8256.54
668-1100	30	EA	1772.10	CATCH BASIN, GP 1	53163.00
				Section Sub Total:	**$788,267.24**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	10	EA	319.50	REM SIGN	3195.00
611-5551	10	EA	2271.96	RESET SIGN	22719.60
636-1031	30	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	506.40
636-2010	360	LF	7.21	GALV STEEL POSTS, TP 1	2595.60
653-1501	6950	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1876.50
653-1704	288	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	967.68
653-1804	280	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	462.00
				Section Sub Total:	**$32,322.78**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2	AC	478.69	TEMPORARY GRASSING	957.38
163-0240	5	TN	198.11	MULCH	990.55
700-6910	2	AC	782.60	PERMANENT GRASSING	1565.20
700-7000	1	TN	57.78	AGRICULTURAL LIME	57.78
700-7010	4	GL	18.81	LIQUID LIME	75.24
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	75	LB	1.52	FERTILIZER NITROGEN CONTENT	114.00
				Section Sub Total:	**$4,023.93**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	55	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	12905.75
165-0010	3750	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	4012.50
165-0105	28	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	2358.16
171-0010	7500	LF	1.84	TEMPORARY SILT FENCE, TYPE A	13800.00
				Section Sub Total:	**$33,076.41**

Section Structures

Item Number	Quantity	Units	Unit Price	Item Description	Cost
		Lump			

xxx-xxx	1	Sum	10000.00	CULVERT EXTENSION	10000.00
				Section Sub Total:	**$10,000.00**

Total Estimated Cost: $867,690.36

Subtotal Construction Cost	**$867,690.36**
E&C Rate 15.0 %	$130,153.55
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$997,843.91**
Right Of Way	$150,000.00
ReImb. Utilities	$15,000.00
Grand Total Project Cost	**$1,162,843.91**

Estimate Report for file "Frazier Road"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	15000.00	TRAFFIC CONTROL -	15000.00
202-2100	1	LS	9000.00	CLEARING	9000.00
310-1101	600	TN	15.19	GR AGGR BASE CRS, INCL MATL	9114.00
402-3140	320	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	12636.80
413-1000	1100	GL	1.03	BITUM TACK COAT	1133.00
441-0016	1020	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	29967.60
441-0104	4944	SY	24.98	CONC SIDEWALK, 4 IN	123501.12
441-4020	555	SY	29.45	CONC VALLEY GUTTER, 6 IN	16344.75
441-6012	8900	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	146227.00
441-7011	26	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	16798.86
500-9999	100	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	16960.00
550-1180	6700	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	217884.00
611-3000	8	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	13568.08
611-8040	6	EA	800.32	ADJUST DROP INLET TO GRADE	4801.92
611-8140	6	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	1857.48
634-1200	32	EA	88.78	RIGHT OF WAY MARKERS	2840.96
641-1200	200	LF	13.60	GUARDRAIL, TP W	2720.00
641-5001	2	EA	476.70	GUARDRAIL ANCHORAGE, TP 1	953.40
641-5012	2	EA	1548.97	GUARDRAIL ANCHORAGE, TP 12	3097.94
668-1100	8	EA	1772.10	CATCH BASIN, GP 1	14176.80
				Section Sub Total:	**$658,583.71**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	25	EA	319.50	REM SIGN	7987.50
611-5551	25	EA	2271.96	RESET SIGN	56799.00
636-1031	70	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	1181.60
636-2010	200	LF	7.21	GALV STEEL POSTS, TP 1	1442.00
653-1501	8900	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2403.00
653-1704	156	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	524.16
653-1804	175	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	288.75
				Section Sub Total:	**$70,626.01**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2	AC	478.69	TEMPORARY GRASSING	957.38
163-0240	7	TN	198.11	MULCH	1386.77
700-6910	2	AC	782.60	PERMANENT GRASSING	1565.20
700-7000	2	TN	57.78	AGRICULTURAL LIME	115.56
700-7010	6	GL	18.81	LIQUID LIME	112.86
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	102	LB	1.52	FERTILIZER NITROGEN CONTENT	155.04
				Section Sub Total:	**$4,556.59**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	8	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1877.20
165-0010	4600	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	4922.00
165-0105	4	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	336.88
171-0010	9200	LF	1.84	TEMPORARY SILT FENCE, TYPE A	16928.00
				Section Sub Total:	**$24,064.08**

Section Structures

Item Number	Quantity	Units	Unit Price	Item Description	Cost
xxx-xxx	1	Lump Sum	25000.00	PEDESTRIAN BRIDGE	25000.00
				Section Sub Total:	**$25,000.00**

Total Estimated Cost: $782,830.39

Subtotal Construction Cost	**$782,830.39**
E&C Rate 15.0 %	$117,424.56
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$900,254.95**
Right Of Way	$112,500.00
ReImb. Utilities	$30,000.00
Grand Total Project Cost	**$1,042,754.95**

Estimate Report for file "Henderson Road"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	30000.00	TRAFFIC CONTROL -	30000.00
202-2100	1	LS	9000.00	CLEARING	9000.00
310-1101	200	TN	15.19	GR AGGR BASE CRS, INCL MATL	3038.00
402-3140	120	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	4738.80
413-1000	150	GL	1.03	BITUM TACK COAT	154.50
441-0016	750	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	22035.00
441-0104	7833	SY	24.98	CONC SIDEWALK, 4 IN	195668.34
441-4020	466	SY	29.45	CONC VALLEY GUTTER, 6 IN	13723.70
441-6012	14100	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	231663.00
441-7011	48	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	31013.28
500-9999	200	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	33920.00
550-1180	14650	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	476418.00
611-3000	8	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	13568.08
611-8040	10	EA	800.32	ADJUST DROP INLET TO GRADE	8003.20
611-8140	10	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	3095.80
634-1200	55	EA	88.78	RIGHT OF WAY MARKERS	4882.90
668-1100	25	EA	1772.10	CATCH BASIN, GP 1	44302.50
				Section Sub Total:	**$1,125,225.10**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	10	EA	319.50	REM SIGN	3195.00
611-5551	10	EA	2271.96	RESET SIGN	22719.60
636-1031	30	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	506.40
636-2010	60	LF	7.21	GALV STEEL POSTS, TP 1	432.60
653-1501	20510	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	5537.70
653-1704	312	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1048.32
653-1804	390	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	643.50
				Section Sub Total:	**$34,083.12**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	478.69	TEMPORARY GRASSING	1914.76
163-0240	10	TN	198.11	MULCH	1981.10
700-6910	4	AC	782.60	PERMANENT GRASSING	3130.40
700-7000	4	TN	57.78	AGRICULTURAL LIME	231.12
700-7010	9	GL	18.81	LIQUID LIME	169.29
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	161	LB	1.52	FERTILIZER NITROGEN CONTENT	244.72
				Section Sub Total:	**$7,935.17**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	25	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	5866.25
165-0010	7050	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	7543.50
165-0105	13	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	1094.86
171-0010	14100	LF	1.84	TEMPORARY SILT FENCE, TYPE A	25944.00
				Section Sub Total:	**$40,448.61**

Total Estimated Cost: $1,207,692.00

Subtotal Construction Cost $1,207,692.00

Estimate Report for file "McAfee Road"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	15000.00	TRAFFIC CONTROL -	15000.00
202-2100	1	LS	9000.00	CLEARING	9000.00
310-1101	742	TN	15.19	GR AGGR BASE CRS, INCL MATL	11270.98
402-3140	489	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	19310.61
413-1000	1239	GL	1.03	BITUM TACK COAT	1276.17
441-0016	2500	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	73450.00
441-0104	7472	SY	24.98	CONC SIDEWALK, 4 IN	186650.56
441-4020	1209	SY	29.45	CONC VALLEY GUTTER, 6 IN	35605.05
441-6012	12998	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	213557.14
441-7011	65	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	41997.15
500-9999	150	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	25440.00
550-1180	9250	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	300810.00
611-3000	5	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	8480.05
611-8040	5	EA	800.32	ADJUST DROP INLET TO GRADE	4001.60
611-8140	5	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	1547.90
634-1200	44	EA	88.78	RIGHT OF WAY MARKERS	3906.32
641-1200	280	LF	13.60	GUARDRAIL, TP W	3808.00
641-5001	2	EA	476.70	GUARDRAIL ANCHORAGE, TP 1	953.40
641-5012	2	EA	1548.97	GUARDRAIL ANCHORAGE, TP 12	3097.94
668-1100	10	EA	1772.10	CATCH BASIN, GP 1	17721.00
				Section Sub Total:	**$976,883.87**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	20	EA	319.50	REM SIGN	6390.00
611-5551	20	EA	2271.96	RESET SIGN	45439.20
636-1031	60	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	1012.80
636-2010	120	LF	7.21	GALV STEEL POSTS, TP 1	865.20
653-1501	16000	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	4320.00
653-1704	312	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1048.32
653-1804	260	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	429.00
				Section Sub Total:	**$59,504.52**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	3	AC	478.69	TEMPORARY GRASSING	1436.07
163-0240	9	TN	198.11	MULCH	1782.99
700-6910	3	AC	782.60	PERMANENT GRASSING	2347.80
700-7000	3	TN	57.78	AGRICULTURAL LIME	173.34
700-7010	8	GL	18.81	LIQUID LIME	150.48
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	150	LB	1.52	FERTILIZER NITROGEN CONTENT	228.00
				Section Sub Total:	**$6,382.46**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	10	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	2346.50
165-0010	7000	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	7490.00
165-0105	5	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	421.10
171-0010	14000	LF	1.84	TEMPORARY SILT FENCE, TYPE A	25760.00
				Section Sub Total:	**$36,017.60**

E&C Rate 15.0 %	$181,153.80
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$1,388,845.80**
Right Of Way	$75,000.00
ReImb. Utilities	$30,000.00
Grand Total Project Cost	**$1,493,845.80**

Section Structures

Item Number	Quantity	Units	Unit Price	Item Description	Cost
xxx-xxxx	1	Lump Sum	10000.00	CULVERT EXTENSION	10000.00
				Section Sub Total:	**$10,000.00**

Total Estimated Cost: $1,088,788.45

Subtotal Construction Cost	**$1,088,788.45**
E&C Rate 15.0 %	$163,318.27
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$1,252,106.72**
Right Of Way	$117,500.00
ReImb. Utilities	$15,000.00
Grand Total Project Cost	**$1,384,606.72**

Estimate Report for file "Salem Road"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	15000.00	TRAFFIC CONTROL -	15000.00
202-2100	1	LS	2000.00	CLEARING	2000.00
310-1101	20	TN	15.19	GR AGGR BASE CRS, INCL MATL	303.80
402-3140	100	TN	39.49	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	3949.00
413-1000	35	GL	1.03	BITUM TACK COAT	36.05
441-0016	50	SY	29.38	DRIVEWAY CONCRETE, 6 IN TK	1469.00
441-0104	1511	SY	24.98	CONC SIDEWALK, 4 IN	37744.78
441-4020	62	SY	29.45	CONC VALLEY GUTTER, 6 IN	1825.90
441-6012	2720	LF	16.43	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	44689.60
441-7011	26	EA	646.11	CURB CUT WHEELCHAIR RAMP, TYPE A	16798.86
500-9999	100	CY	169.60	CLASS B CONC, BASE OR PVMT WIDENING	16960.00
550-1180	2900	LF	32.52	STORM DRAIN PIPE, 18 IN, H 1-10	94308.00
611-3000	2	EA	1696.01	RECONSTR CATCH BASIN, GROUP 1	3392.02
611-8040	1	EA	800.32	ADJUST DROP INLET TO GRADE	800.32
611-8140	2	EA	309.58	ADJUST WATER VALVE BOX TO GRADE	619.16
634-1200	20	EA	88.78	RIGHT OF WAY MARKERS	1775.60
668-1100	4	EA	1772.10	CATCH BASIN, GP 1	7088.40
				Section Sub Total:	**$248,760.49**

Section Signing and Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-9001	5	EA	319.50	REM SIGN	1597.50
611-5551	5	EA	2271.96	RESET SIGN	11359.80
636-1031	15	SF	16.88	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	253.20
636-2010	30	LF	7.21	GALV STEEL POSTS, TP 1	216.30
653-1501	6000	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1620.00
653-1704	60	LF	3.36	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	201.60
653-1804	300	LF	1.65	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	495.00
				Section Sub Total:	**$15,743.40**

Section Erosion Control - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	478.69	TEMPORARY GRASSING	478.69
163-0240	2	TN	198.11	MULCH	396.22
700-6910	1	AC	782.60	PERMANENT GRASSING	782.60
700-7000	1	TN	57.78	AGRICULTURAL LIME	57.78
700-7010	2	GL	18.81	LIQUID LIME	37.62
700-8000	1	TN	263.78	FERTILIZER MIXED GRADE	263.78
700-8100	31	LB	1.52	FERTILIZER NITROGEN CONTENT	47.12
				Section Sub Total:	**$2,063.81**

Section Erosion Control -Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0550	4	EA	234.65	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	938.60
165-0010	1400	LF	1.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1498.00
165-0105	2	EA	84.22	MAINTENANCE OF INLET SEDIMENT TRAP	168.44
171-0010	2800	LF	1.84	TEMPORARY SILT FENCE, TYPE A	5152.00
				Section Sub Total:	**$7,757.04**

Total Estimated Cost: $274,324.74

Subtotal Construction Cost $274,324.74

E&C Rate 15.0 %	$41,148.71
Inflation Rate 0.0 % @ 0.0 Years	$0.00
Total Construction Cost	**$315,473.45**
Right Of Way	$7,500.00
ReImb. Utilities	$15,000.00
Grand Total Project Cost	**$337,973.45**

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11. At least one side of the roadway should be completely ADA compliant, including existing sidewalks, ramps, drainage if damaged during construction..
12. Extend east side project sidewalk limits to Brandon Road. (Bouldercrest)
13. At all intersections where new sidewalks are to be placed, existing signal loops should be listed to be replaced.
14. Verify existing signal locations and pedestrian poles.
15. Check width and rating of existing bridge or culvert. (Flat Shoals, Frazier, McAfee)
16. Verify if 404 Permit required for culvert extension. (McAfee)
17. Check and verify grade @ railroad crossing. (Frazier)
18. Under coordination, list CSX for Railroad. (Frazier)
19. Add quantities for culvert widening. (McAfee)
20. Check dam status at Lake Buena Vista. (McAfee)
21. Under Structures section, list existing bridges. (Flat Shoals, Frazier, McAfee)
22. Add Comment: Relocation of utilities not included in scope of project. GDOT will provide exact terminology.
23. On cover after Regional Transportation, replace Improvement Program (RTP) with Plan.
24. On cover remove State Transportation Programming Engineer and add Bridge Engineer.
25. Time to complete environmental process should be 12 months.
26. Time to complete purchase right of way should be 24 months.
27. Remove 19 MM and 25 MM Superpave quantities and use Class B Pavement widening instead.
28. Check right of way cost. (Flat Shoals)
29. Condense cost estimate sheets to get each project on one page if possible.
30. Add statement under Description of project regarding that the roadway segments might be broken into separate phases - (construction documents).
31. Look into using ADA compliant flumes in lieu of a closed drainage system to maintain existing drainage patterns. PBS&J will provide detail showing this feature.

If you have any questions, please contact Jim Navis at navisj@pondco.com.

END OF MEETING MINUTES

ADDITIONAL COMMENTS: