

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00(603)

County: Jones

P. I. Number: 0007603

Federal Route Number: N/A

State Route Number: N/A

Project Description

Submitted for approval: (Submit to "Concept Reports" in Outlook)

DATE <u>6-10-10</u>	<u>Shon Hampton</u> Shon Hampton – Ingram & Associates, LLC
DATE _____	<u>Michael Wood</u> Jones County Board Of Commissioners
DATE <u>6-14-10</u>	<u>David B. Miller</u> Design Phase Office Head (if applicable)
DATE _____	Office Head (Project Manager's Office)
DATE <u>6-10-10</u>	<u>Thomas Green</u> Project Manager

Recommendation for approval:

DATE _____	_____
DATE _____	State Design Policy Engineer
DATE <u>8/24/2009</u>	Program Control Administrator <u>Glenn Bowman **</u>
DATE _____	State Environmental Administrator
DATE _____	State Traffic Operations Engineer
DATE _____	Project Review Engineer
DATE <u>6-14-10</u>	<u>David B. Miller</u> District Engineer
DATE _____	State Bridge Design Engineer (if applicable)
DATE _____	State Transportation Financial Management Administrator

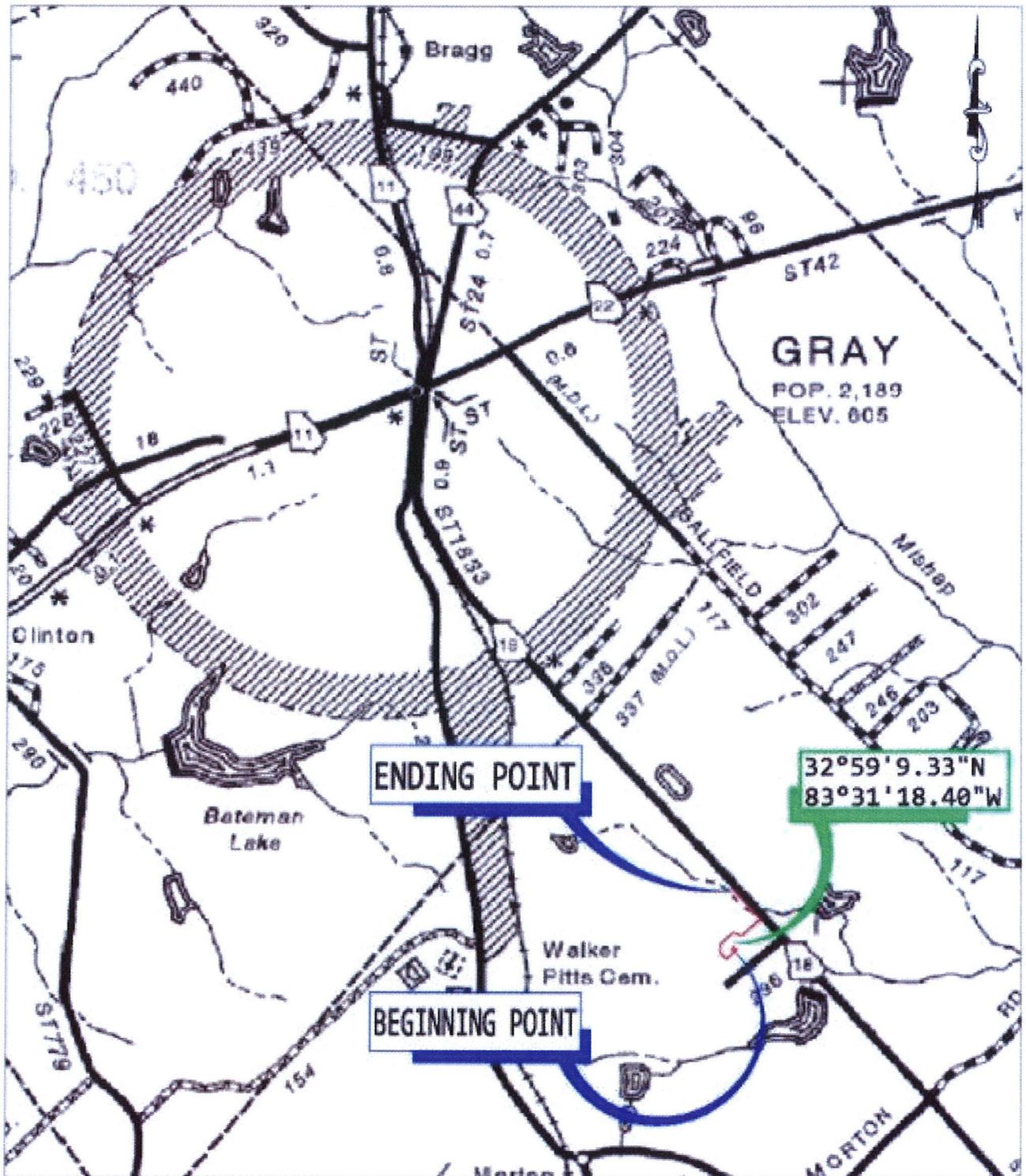
The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE <u>2/2/2010</u>	<u>Angela Alexander **</u> State Transportation Planning Administrator
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**** Recommendation on file. KKF**

P. I. Number: 0007603

County: Jones



Need and Purpose: The proposed project would provide a trailhead facility on part of a 70 acre parcel owned by Jones County, and a trail/walkway connecting the trailhead with Gray Station School. The proposed improvements include new trail and sidewalk surfaces, parking, lighting, landscaping, benches, trash receptacles, bicycle parking racks, signage and M/W/H restrooms. This area of Jones County currently lacks enhanced pedestrian facilities, handicap access, and improved linkage to the multimodal system. The completed project would make this area substantially more pedestrian oriented and reduce accident frequency and severity. The project would comply with all ADA requirements.

Jones County is expected to remain a growth area well into the future. The demands created by population and economic growth will require expansion of the transportation network. The proposed project would provide an environmentally benign alternative to auto travel.

The project area is primarily recreational, institutional and residential. The destinations located within the project limits are within a walkable distance to each other and to surrounding neighborhoods. However, due to the limited sidewalk network, awkward crosswalks, and increasing traffic on local roads, access to these destinations can be difficult for pedestrians.

In accordance with the Georgia Planning Act, the improvements are consistent with the County Comprehensive Plan and approved by the Jones County Board of Commissioners. The proposed improvements have been added to the five year Short Term Work Program (STWP). The Comprehensive Plan policies provide a framework to facilitate and encourage coordinated comprehensive planning and development. The joint Jones County Comprehensive Plan currently calls for recreational, institutional and residential uses in the project area and community facilities where the institutional uses are located. These uses would be accentuated by the implementation of the proposed project, which would provide substantial improvement to the pedestrian network and would support the density and development types the county desires for the area.

The No Build Alternative is one in which Jones County would take no action to construct the project. This was the only alternative considered. The No Build Alternative would not provide any pedestrian or handicap access improvements in the project area. This alternative would not provide the social, economic, environmental and alternative transportation improvements provided by the build alternative.

Description of the proposed project: The proposed project would provide a trailhead facility on part of a 70 acre parcel owned by Jones County. A hard surface trail/sidewalk ranging in width from 5-8 feet wide would be constructed connecting the trailhead to Alan Greene Drive, shift north adjacent to SR 18 and terminate at Gray Station School. There will be three (3) typical sections used depending on the location of the trail. Please see concept plan for location of typical sections. The proposed trailhead would provide a variety of enhancements including, but not limited to parking, lighting, landscaping, benches, trash receptacles, bicycle parking racks, signage, and M/W/H restrooms.

Is the project located in a PM 2.5 Non-attainment area? _____ Yes X No

Is this project located in an Ozone Non-attainment area? _____ Yes X No

If yes to either, provide a comparison between the proposed project concept and the conforming plan's model description. Include such features as project limits, number of through lanes, proposed open to traffic year, etc.

PDP Classification: Major _____ Minor X

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

Functional Classification: GA Hwy 18 – Rural Major Collector Allen Green Dr. – Urban Local Collector

U. S. Route Number(s): N/A State Route Number(s): 18

Traffic (AADT):

Base Year: (2009) N/A Design Year: (2028) N/A

Existing design features:

- Typical Section: SR 18 and Allan Green have 2-12' lanes and on sidewalk
- Posted speed SR 18 – 55mph, Alan Green – 25mph Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: 8 % (List mainline, cross roads, and driveways)
- Width of right-of-way: varies
- Major structures: None
- Major interchanges or intersections along the project. None
- Existing length of roadway segment and the beginning mile logs for each county segment. Work along entire length of Alan Green Drive 1,200 L.F. Work along Hwy 18 from mile marker 14.98 to 15.40.
- If an expansion or add-on to an existing ITS system (such as NaviGator), identify physical limits of field device location and/or brief explanation of new features. N/A

Proposed Design Features:

- Proposed typical section(s):
- Proposed Design Speed Mainline N/A mph
- Proposed Maximum grade Mainline N/A %
- Maximum grade allowable N/A %
- Proposed Maximum grade Side Street 2 %
- Maximum grade allowable 10 %
- Proposed Maximum grade driveway N/A %
- Proposed Minimum radius of curve N/A ft
- Minimum radius allowable N/A ft
- Maximum allowable superelevation rate N/A %
- Proposed maximum superelevation rate N/A %
- Right-of-Way:
 - o Width variable
 - o Easements: Temporary () Permanent () Utility () Other ().
 - o Type of access control: Full () Partial () By Permit (X) Other ().
 - o Number of parcels: N/A Number of displacements: _____
 - o Business: _____
 - o Residences: _____
 - o Mobile homes: _____
 - o Other: _____
- Structures:
 - o Bridges -None
 - o Retaining walls - None

- Major intersections, interchanges, median openings and signal locations. (List median openings indicating if existing and/or proposed. Attach Signal Warrant study for proposed signal locations. - None
- For ITS projects identify physical limits of field device location, location of any control centers and/or brief explanation of new features. - None
- Transportation Management Plan Anticipated: Yes () No (X)
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
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)

This area of the Concept Report is for the indication of potential deviations from the controlling criteria followed by the Department. A brief description of the potential deviation should be included in the report. A design exception must be granted for design exceptions.

- Design Variances – None anticipated
- Environmental concerns – None, The archeology, ecology and 106/historic studies have been completed and submitted to OES. Air and noise have been approved.
- Anticipated Level of environmental analysis
 - o Are Time Savings Procedures appropriate? Yes () No (X)
 - o Categorical exclusion anticipated (X).
 - o Environmental Assessment/Finding of No Significant Impact anticipated (FONSI) ().
 - o Environmental Impact Statement (EIS) ().
- Utility involvements:
 - TELEPHONE: ALLTEL TELEPHONE COMPANY: (478) 986-3184
 - POWER: TRI-COUNTY ELECTRIC MEMBERSHIP CORPORATION: (478) 986-8100
GEORGIA POWER COMPANY: (478) 986-3174
 - GAS: CITY OF EATONTON GAS & LIGHT: (706) 485-3811
 - CABLE: COMCAST: (877) 760-5342
CHARTER COMMUNICATIONS: (888) 438-2427
 - GEORGIA D.O.T.: MACON AREA OFFICE: (478) 757-2601
DISTRICT 3 OFFICE: (478) 646-6938, DAVID MILLEN
- VE Study Anticipated Yes () No (X)
- Benefit/Cost Ratio _____

Project Cost Estimate and Funding Responsibilities:

	PE	ROW	UTILITY	CST*	MITIGATION
By Whom	Jones County	Jones County	Jones County	Department	County
\$ Amount	\$135,000	\$15,000	-	\$459,965	-

*CST Cost includes: Construction, Engineering and Inspection, Fuel Cost Adjustment, and Asphalt Cement Cost Adjustment.

Project Activities Responsibilities:

Design: Ingram & Associates
Right-of-Way Acquisition: Jones County – if required
Right-of-Way funding (real property): Jones County – if required
Relocation of Utilities: none anticipated
Letting to contract: Ingram & Associates
Supervision of construction: Jones County
Providing material pits: none anticipated
Providing detours: none anticipated
Environmental Studies/Documents/Permits: CCEC
Environmental Mitigation: CCEC

Coordination:

- Initial Concept Meeting date and brief summary. See attached
- Concept meeting date and brief summary. - None
- P A R meetings, dates and results. - None
- FEMA, USCG, and/or TVA - None
- Public involvement. – None
- Local government comments- None
- Other projects in the area - None
- Railroads – None
- Other coordination to date - None

Scheduling - Responsible Parties' Estimate:

- Time to complete the environmental process: 5 Months.
- Time to complete preliminary construction plans: 3 Months.
- Time to complete right-of-way plans: 1 Months.
- Time to complete the Section 404 Permit: N/A Months.
- Time to complete final construction plans: 2 Months.
- Time to complete to purchase right-of-way: N/A Months.
- List other major items that will affect the project schedule: - Months.

Other alternatives considered: None

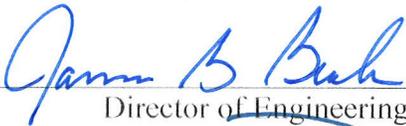
Comments: None

Attachments:

1. Detailed Cost Estimates:
 - a. *Construction including Engineering and Inspection.*
 - b. *Completed Fuel & Asphalt Price Adjustment forms.* – N.A
 - c. Right-of-Way.
 - d. Utilities.
 - e. Environmental Mitigation (EPD, etc) – N/A
2. Sketch location map.
3. Typical sections.

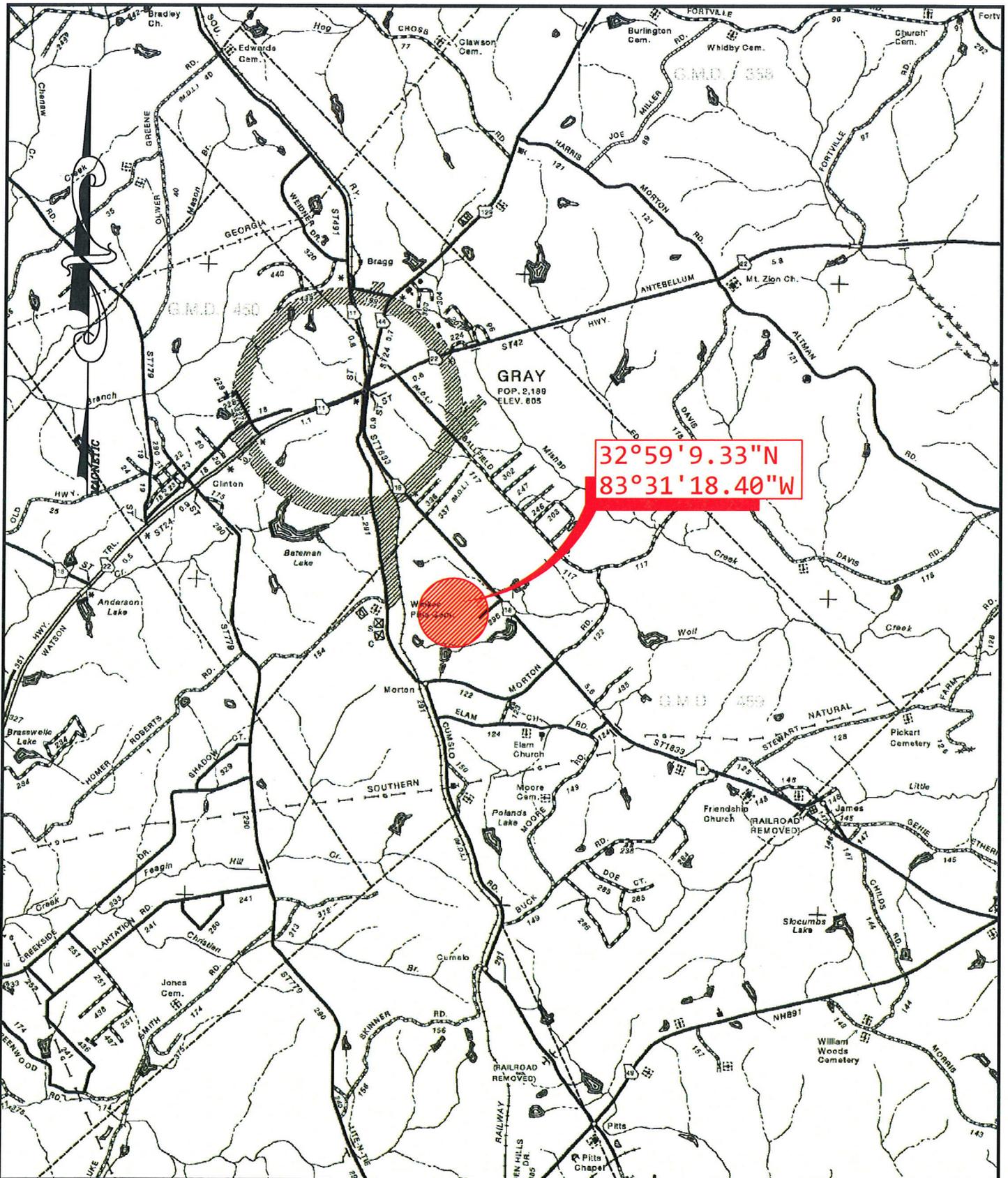
4. Accident summaries. – N/A
5. Traffic diagrams. – N/A
6. Capacity analysis summary. – N/A
7. Summary of Signal Warrant Studies – N/A
8. Bridge inventory. – N/A
9. Minutes of Concept meetings.
10. Minutes of any meetings that shows support or objection to the concept. None
11. PFA's and/or SAA's. – N/A
12. Location and Design Notice. (On Minor Projects) – N/A
13. Conforming plan's network schematics showing thru lanes. (note: This attachment is required for non-attainment areas only) – N/A
14. Other items referred to in the body of the report. – N/A
15. Benefit Cost Analysis. – N/A

Exempt projects

Concur: 
Director of Engineering

Approve: 
Chief Engineer

Date: 7/7/2016




332 NEW STREET
 MACON, GA 31201
 (T) 478-745-3996
 (F) 478-742-4690

1002 NORTH PARK AVE
 TIFTON, GA 31793
 (T) 229-387-8535

WWW.INGRAMENG.COM

CONCEPT PLAN FOR
 JONES COUNTY WALKING TRAIL
 JONES COUNTY BOARD OF COMMISSIONERS
 JONES COUNTY, GEORGIA

DATE: MAY 2010
 SCALE: 1" = 1 MILE
 JOB No.: 1160-024-01

LOCATION MAP

FIGURE 1

City of Gray



Gray Station School

Walking Trail Location

Allan Greene Drive

Recreation Road



332 NEW STREET
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(T) 478-745-3996
(F) 478-742-4690

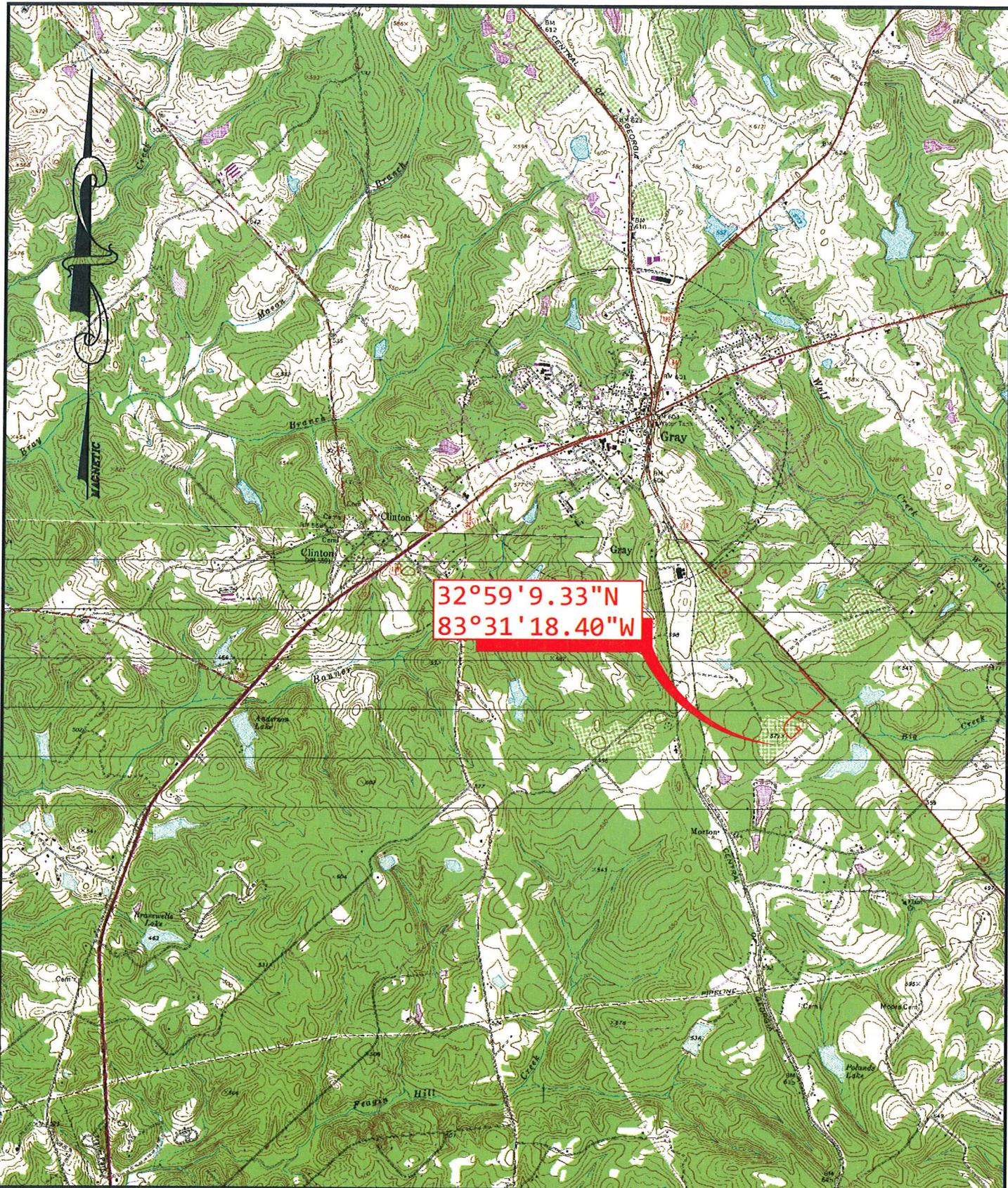
1002 NORTH PARK AVE
TIFFIN, GA 31793
(T) 229-387-8536

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CONCEPT PLAN FOR JONES COUNTY WALKING TRAIL FOR THE BOARD OF COMMISSIONERS JONES COUNTY, GEORGIA

DATE: MAY 2010
SCALE: N.T.S.
JOB No.: 1160-024-01

FIGURE 1 A



32°59'9.33"N
83°31'18.40"W



332 NEW STREET
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JONES COUNTY, GEORGIA

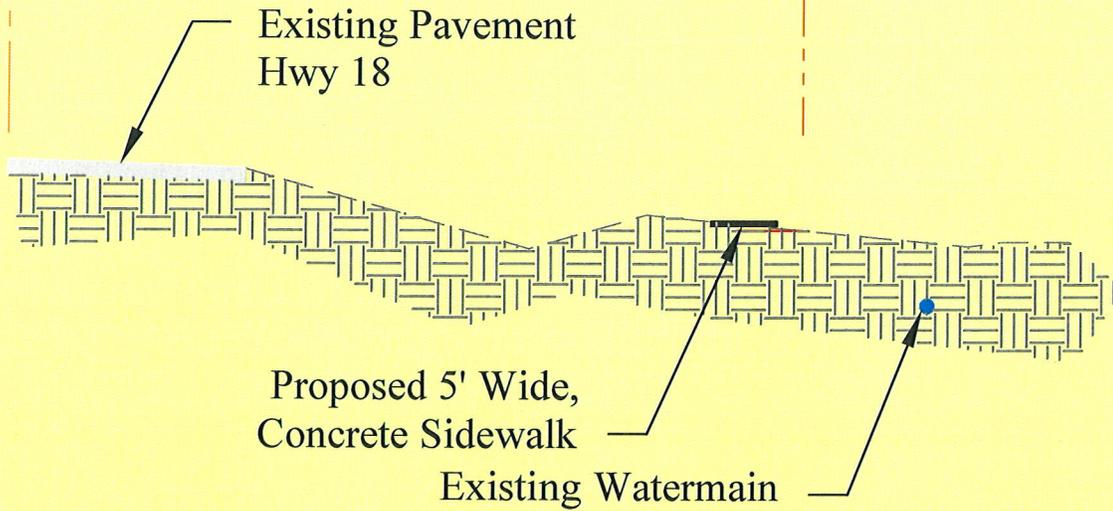
DATE: MAY 2010
SCALE: 1"=2,000'
JOB No.: 1160-024-01

TOPOGRAPHIC MAP

FIGURE 2

☉ Hwy 18 (R/O/W Varies)

R/O/W



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JONES COUNTY, GEORGIA

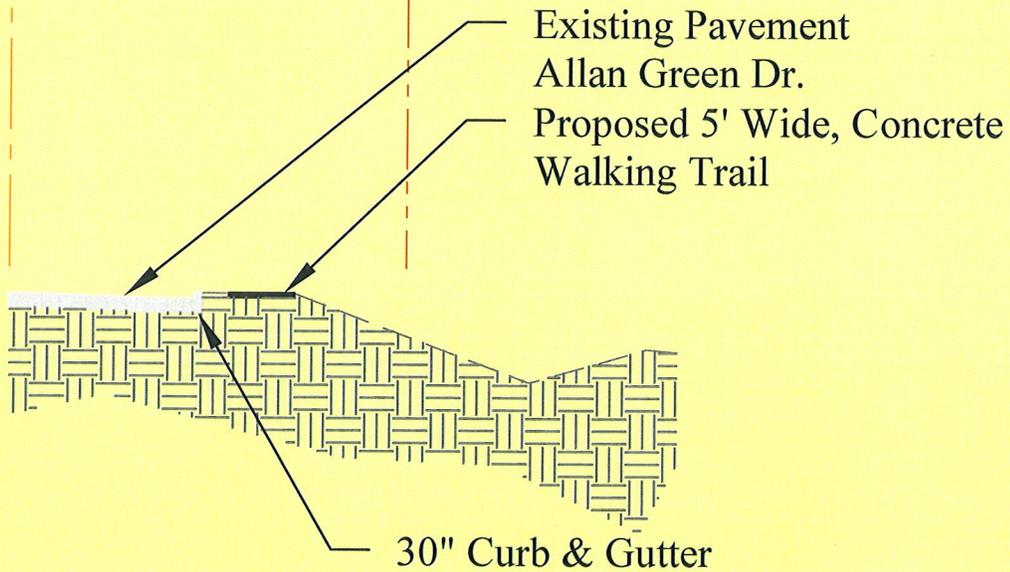
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TYPICAL SECTION
GEORGIA HIGHWAY 18

FIGURE 3

℄ Allan Green Dr (60' R/O/W)

R/O/W



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INGRAM & ASSOCIATES
CONSULTING ENGINEERS, LLC

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JONES COUNTY BOARD OF COMMISSIONERS
JONES COUNTY, GEORGIA

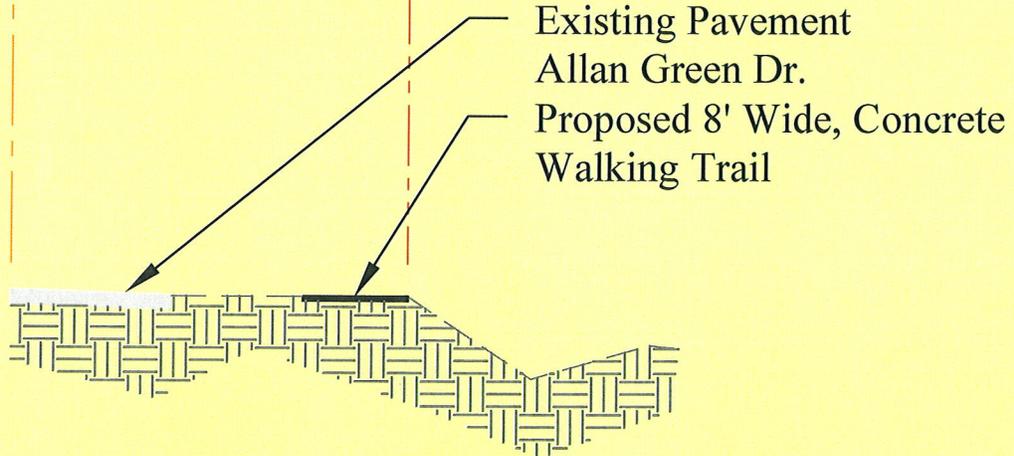
DATE: MAY 2010
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TYPICAL SECTION
ALLAN GREENE DRIVE

FIGURE 4

℄ Allan Green Dr (60' R/O/W)

R/O/W



332 New Street
MACON, GA 31201
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CONCEPT PLAN FOR
JONES COUNTY WALKING TRAIL
JONES COUNTY BOARD OF COMMISSIONERS
JONES COUNTY, GEORGIA

DATE: MAY 2010
SCALE: N.T.S.
JOB No.: 1160-024-01

TYPICAL SECTION
ALLAN GREENE DRIVE

FIGURE 5



INGRAM & ASSOCIATES
CONSULTING ENGINEERS, LLC

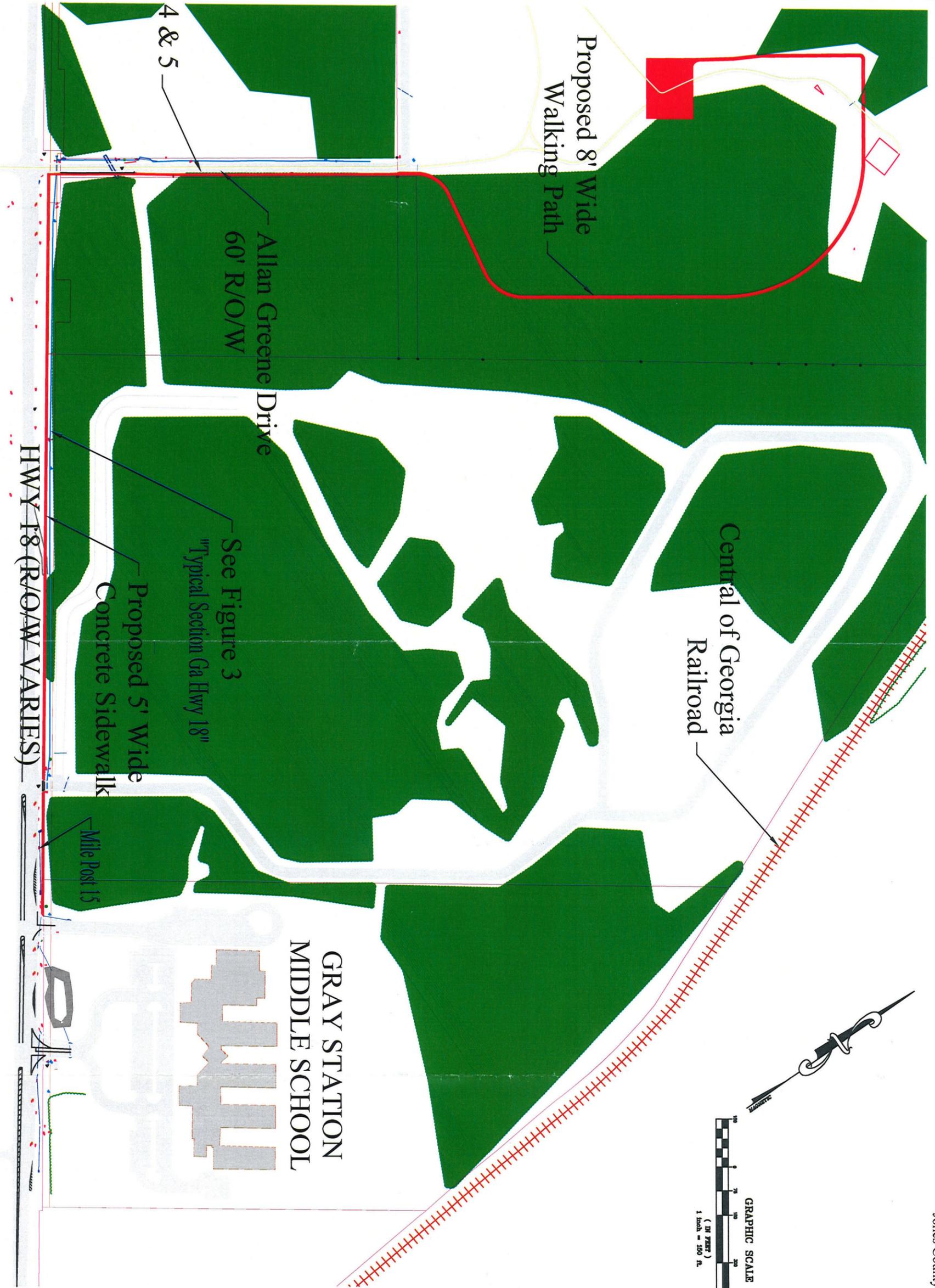
1000 Peachtree Dunwoody Road, Suite 1000
Atlanta, Georgia 30328
(770) 412-2000

1000 North Peachtree Road, Suite 1000
Tucker, Georgia 31794
(770) 228-8433

JONES COUNTY WALKING TRAIL

Concept Plan For

Jones County Board of Commissioners
166 Industrial Blvd
Gray, Georgia 31032
(T) 478-986-6405
(F) 478-986-9682
jonescounty.org



See Figures 4 & 5

Allan Greene Drive
60' R/O/W

Proposed 8' Wide
Walking Path

Central of Georgia
Railroad

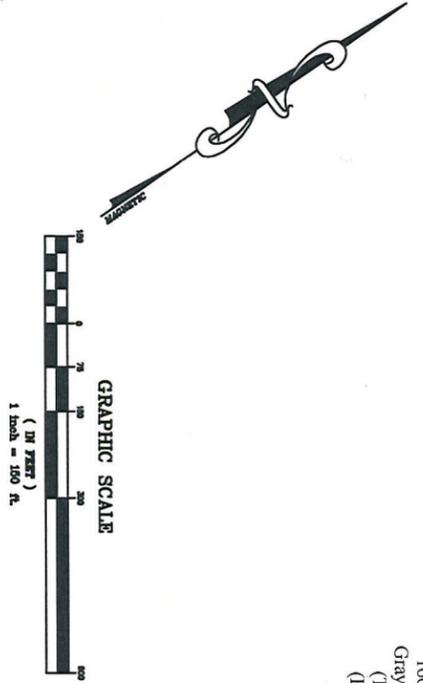
Proposed 5' Wide
Concrete Sidewalk

See Figure 3
Typical Section Ga Hwy 18"

GRAY STATION
MIDDLE SCHOOL

HWY 18 (R/O/W VARIES)

Mile Post 15



COST ESTIMATE
Sidewalk & Bike Trails
Transportation Enhancement Grant
for the
Jones County Board of Commissioners

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1	1	L.S	Grading	\$ 35,000.00	\$ 35,000.00
2	270	Tons	Asphalt overlay	\$ 85.00	\$ 22,950.00
3	4050	L.F.	5' conc. Sidewalk	\$ 18.00	\$ 72,900.00
4	3450	L.F.	8' Walking Path	\$ 20.00	\$ 69,000.00
5	1,200	L.F.	24" Curb & Gutter	\$ 15.50	\$ 18,600.00
6	5	EA	Curb Inlets	\$ 3,000.00	\$ 15,000.00
7	3	EA	Junction Boxes	\$ 2,500.00	\$ 7,500.00
8	1,200	L.F.	6" Base & Pavement Widening	\$ 5.00	\$ 6,000.00
9	1,200	L.F.	Saw cut Existing Asphalt	\$ 3.00	\$ 3,600.00
10	1,000	L.F.	24 Storm Piping	\$ 35.00	\$ 35,000.00
11	150	L.F.	Remove & Replace Guardrail	\$ 85.00	\$ 12,750.00
12	1	L.S.	Extend Culvert On Alan Green	\$ 5,000.00	\$ 5,000.00
13	3	EA	Extend Culverts On Hwy 18	\$ 4,000.00	\$ 12,000.00
14	1	L.S.	10 Station Exercise Areas	\$ 30,000.00	\$ 30,000.00
15	5	Ea	Sidewalk/Trail amenities- benches/trash receptacles	\$ 2,100.00	\$ 10,500.00
16	6	Mo.	NPDES Monitoring	\$ 2,000.00	\$ 12,000.00
17	2.30	Ac.	Erosion Control	\$ 2,500.00	\$ 5,750.00
18	2.30	Ac.	Grassing	\$ 2,000.00	\$ 4,600.00
19	1	L.S.	Traffic Control	\$ 15,000.00	\$ 15,000.00
20	1	L.S.	Mobilization	\$ 10,000.00	\$ 10,000.00
21	1	L.S.	Bonds/Insurance	\$ 15,000.00	\$ 15,000.00
Total Proposed Improvements				\$	418,150.00

I&A PROJECT NO: 1160-014-01 Oct. 6, 2009

Total Construction	\$	418,150.00
Contingencies	\$	41,815.00
Engineering	\$	90,000.00
Total Project	\$	<u>549,965.00</u>



INGRAM & ASSOCIATES
CONSULTING ENGINEERS, LLC

June 10, 2010

Mr. Tom Queen
Georgia Department of Transportation
115 Transportation Blvd
Thomaston, GA 30286

SU: Jones County, Georgia
CSHPP-0007-00(603)
I&A Project No.: 1160-024-01

Dear Tom:

Please be advised that this report has been reviewed for Quality Control/Quality Assurance in accordance with Company Policy.

Sincerely,

Ingram & Associates, L.L.C.

Shon Hampton, PE

SH/sw

S:\I&A Projects\Jones County (1160)\1160-024-01 Hwy 18 Recreation Complex\Correspondence & Transmittals\Mr. T. Queen concept rep\106 10 10.doc

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