

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007583, Wilkinson County **OFFICE** Preconstruction
CSHPP-0007-00(583)
Ball's Ferry State Historic Park Improvements **DATE** June 1, 2009

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO ¹⁰⁻ SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Tony Collins
Paul Liles
George Brewer
Vonda Everett
BOARD MEMBER

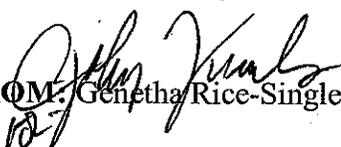
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0007583, Wilkinson County
CSHPP-0007-00(583)
Ball's Ferry State Historic Park Improvements

OFFICE: Preconstruction

DATE: May 15, 2009

FROM:  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: Gerald M. Ross, P.E., Chief Engineer

SUBJECT: PROJECT CONCEPT REPORT

This project is the implementation of Phase I facilities and amenities for Ball's Ferry State Historic Park, including a new two lane park access road, a new boat launch facility and new day use areas. Located along SR 57 in Wilkinson County, Ball's Ferry State Historic Park contains 538 acres on the west bank of the Oconee River. The existing Ball's Ferry Landing area has been identified as an interpretive area to be preserved for historic and cultural resources. Old Ball's Ferry Road/CR 123 intersects SR 57 and proceeds into Ball's Ferry State Historic Park as a two lane variable width dirt road that provides access to an existing boat launch and small day-use recreation area that is located adjacent to the historic ferry crossing. State Aid Project #PR000-S011-00(702) is scheduled to implement improvements to the Old Ball's Ferry Road at SR 57 intersection. The purpose of this project is to physically enhance the access route to the park and implement the proposed park facilities.

The new access road will begin near SR 57, at the end of the State Aid Project, and proceed on new location 0.60 miles to a proposed boat launch and boat trailer parking area. A second road will provide access to a day-use area with a 44-space parking area. The new access roads will consist of two 11' wide lanes with 4' rural shoulders. Beyond the parking area, the remaining length of Old Ball's Ferry Road will be utilized for pedestrian trail access to the interpretive area. The day-use areas are proposed to provide a small restroom building, picnic tables, barbeque pits and recreation areas by following the bank of the Oconee River and utilizing the existing historic Balls Ferry Road.

Environmental concerns include requiring a Categorical Exclusion will be prepared; a Public Hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$1,057,000	\$ 925,000	LY10	2010(proposed)

Right-of-way & Utilities*	Local	Local
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*PFA signed on 10-8-08 for Wilkinson to do ROW, UTIL&20% PE/100% over \$187,500 & 20% CST/100% over \$1,062,500.

I recommend this project concept be approved.

GRS: JDQ

Attachment

CONCUR

Henrich Rice-Jones *to Director*

Director of Preconstruction

APPROVED

G M Ross

Gerald M. Ross, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Two – Tennesse Office

PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00 (583)

County: Wilkinson

P. I. Number: 0007583

Federal Route Number: NA

State Route Number: SR 57

Sidewalks, Trails, Lighting and Amenities
in
Balls Ferry State Historic Park
Wilkinson County, Georgia

Recommendation for approval:

DATE 3-13-09

Vonda S. Everett

Project Manager

DATE 3/18/09

Anthony J. Collins
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management Administrator

DATE _____

Michael J. Smith
State Environmental Action Engineer

DATE 3-30-09

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0007583

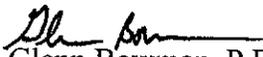
OFFICE: Environment/Location

**PROJECT No. CSHP-0007-00(583) / WILKINSON
County**

DATE: 5/11/09

Sidewalks, Trails, Lighting, and Amenities in Balls Ferry State Historic Park

FROM:


Glenn Bowman, P.E., State Environmental/Location Engineer

TO:

Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT:

PROJECT CONCEPT REPORT REVIEW

The Concept Report for the above project has been reviewed and appears satisfactory subject to the following comments:

1. This project will require a survey for historic & archaeological resources; concept report only discusses ecological concerns. This is not being funded with TE or CMAQ funds; therefore, history & archaeology survey reports must be prepared in order to gain environmental document approval.
2. The construction activities associated with the boat ramp would impact the Oconee River and would require a 404 permit from the US Army Corps of Engineers. The project also appears to impact the buffer of the Oconee River and a Buffer Variance from EPD would be required.
3. See page 3 (Need and Purpose) regarding the project area and sensitivity to various cultural resources; see page 8 (other alternates considered) regarding study needs and cultural resources. Civil War sites have the potential to be both history and archaeology related with 4(f) implications. If significant impacts to 4(f) resources cannot be avoided, then the proposed environmental schedule must be revised significantly.
4. With a proposed construction year of 2010, a the project schedule should be corrected in TPRO.

If you have any questions, please contact Glenn Bowman at (404) 699-4401.

GB:lc

cc: Ron Wishon
Angela Whitworth
Keith Golden
Angela Alexander
Tony Collins



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Two – Tennille Office

PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00 (583)

County: Wilkinson

P. I. Number: 0007583

Federal Route Number: NA

State Route Number: SR 57

Sidewalks, Trails, Lighting and Amenities
in
Balls Ferry State Historic Park
Wilkinson County, Georgia

Recommendation for approval:

DATE 3-13-09

DATE 3/18/09

Vonda S. Everett

Project Manager

Anthony J. Collins

Office Head/District Engineer

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

DATE _____

DATE _____

DATE 5/11/09

DATE _____

DATE _____

State Transportation Planning Administrator

State Transportation Financial Management Administrator

Sharon

State Environmental/Location Engineer

State Traffic Safety & Design Engineer

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Two – Tennille Office

PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00 (583)

County: Wilkinson

P. I. Number: 0007583

Federal Route Number: NA

State Route Number: ~~SR-57~~ *N/A*

Sidewalks, Trails, Lighting and Amenities
in
Balls Ferry State Historic Park
Wilkinson County, Georgia

Recommendation for approval:

DATE 3-13-09

DATE 3/18/09

Vonda S. Everett

Project Manager

Anthony J. Collier

Office Head/District Engineer

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

DATE _____

DATE _____

DATE _____

DATE _____

DATE _____

State Transportation Planning Administrator

State Transportation Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety & Design Engineer

Project Review Engineer

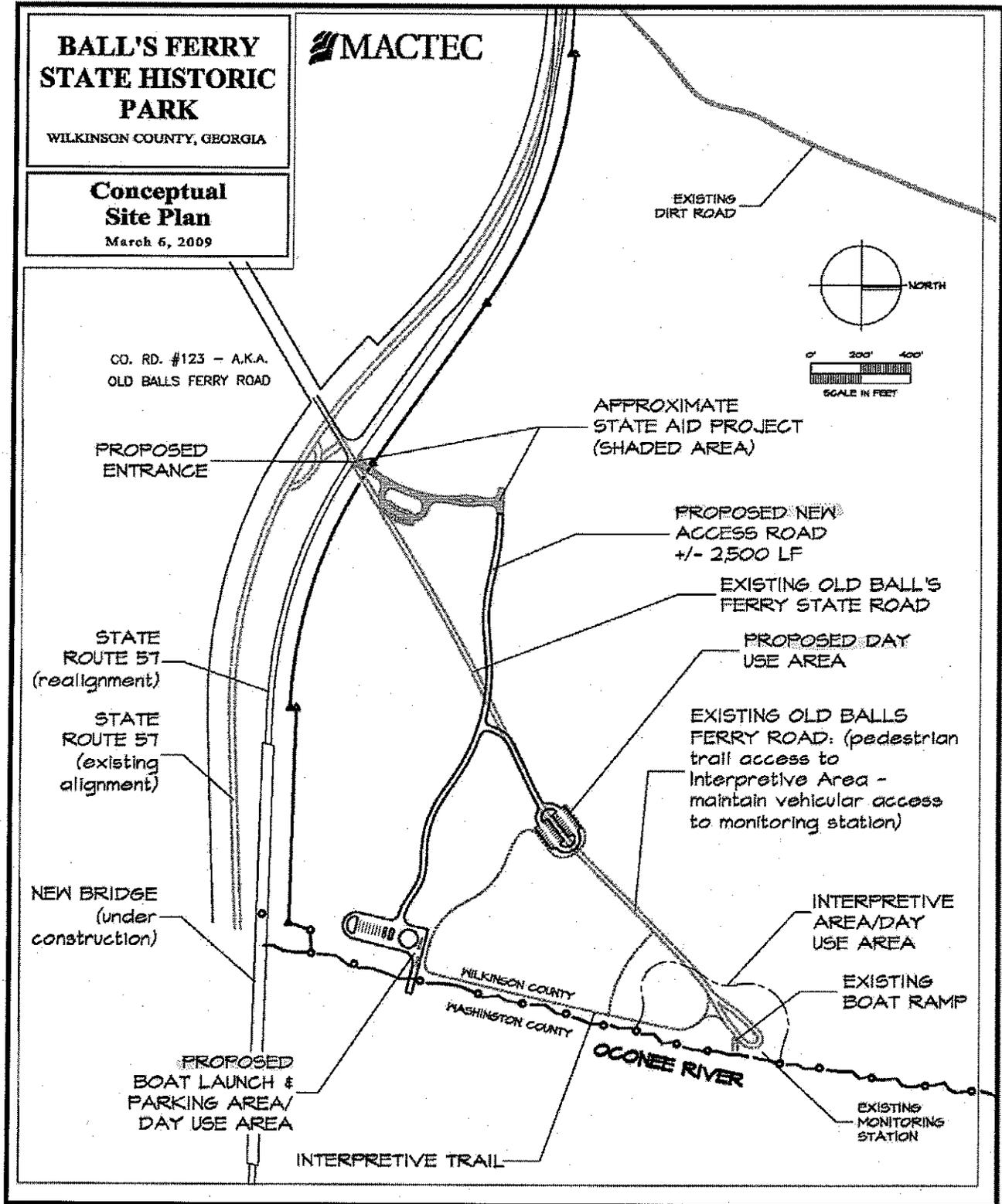


FIGURE 1: Project Location Sketch

Need and Purpose:

Located along Georgia State Route 57 in Wilkinson County, Ball's Ferry State Historic Park contains ±538 acres on the west bank of the Oconee River. Located within the park is Ball's Ferry Landing, built in 1806 by John Ball, a Revolutionary War veteran. During the Civil War, Confederate forces defended Ball's Ferry Landing against Union forces. Ball's Ferry was the main connection between Wilkinson and Washington counties until the opening of the Oconee River Bridge on State Route 57 in 1939. Ball's Ferry State Historic Park was created to preserve and interpret the natural and cultural resources of this section of the Oconee River, to add value to the quality of life in Central Georgia and to promote eco-tourism in the region. The Ball's Ferry site and the surrounding region are rich in the history of Central Georgia, including Native American, early settler, Civil War, and post-Civil War periods. A Project Vicinity Map is provided in Figure 2, page 8. A Project Location Map is provided in Figure 3, page 9.

Georgia DNR Civil War sites attract large numbers of tourist visitations each year. It is anticipated that there will be an increase in visitation to Civil War sites in Georgia because of the upcoming 150th anniversary of the Civil War. The needs of the market segment represented by tourists who visit Civil War sites include the availability of moderately priced lodgings, accommodation of facilities for tourists that travel with children, and a wide variety of nature-based recreation activities. The historic, environmental and recreational assets of Ball's Ferry State Historic Park and the Central Georgia region can satisfy the needs of the tourist market. Many of the preferred recreational activities for this market segment, such as walking, swimming, picnicking and fishing, match the proposed park facilities at Ball's Ferry State Historic Park (see Figure 1: Project Location Sketch, page 2). Amenities proposed within the Overall Master Plan for the park include an interpretive center, full-service campsites, picnic areas, picnic shelters, canoe/kayak rental, interpretive trails, restrooms and bath houses, boat launch and boat trailer parking area.

The benefits to the regional community of a State Park at the Ball's Ferry site include environmental protection, endangered species preservation, public education, and recreational opportunities. Economic and fiscal benefits to the local and regional community include additional income and employment from construction-related activities, permanent new income and employment, and additional tax revenues. With appropriate access and amenities, the proposed Ball's Ferry State Historic Park has the ability to preserve a large portion of habitat for endangered species, preserve the site of an important Civil War event, educate the public on Civil War and Native American heritage, and provide recreational opportunities for state residents.

The need of the proposed project is to facilitate access to existing and proposed park facilities at Ball's Ferry State Historic Park. These facilities include a boat launch, day-use recreation areas and an interpretive area centered around the historic Ball's Ferry Landing. The purpose of the proposed project is to physically enhance the access route to the park and implement the proposed park facilities.

Description of Proposed Project:

Existing Conditions: Old Ball's Ferry Road (County Road 123) intersects State Route 57 and proceeds into Ball's Ferry State Historic Park as a two-lane variable-width dirt road that provides access to an existing boat launch and small day-use recreation area that is located adjacent to the historic ferry crossing. State Aid Project #PR000-S011-00(702) is scheduled to implement improvements to the Old Ball's Ferry Road/State Route 57 intersection. The proposed park access road for Ball's Ferry State Historic Park begins at the end of the State Aid Project.

Because the existing Ball's Ferry Landing area has been identified as an interpretive area to be preserved for historic and cultural resources, the proposed project involves providing a new boat launch facility to replace the existing boat launch at Ball's Ferry Landing. The proposed project is the implementation of Phase I facilities and amenities for Ball's Ferry State Historic Park, including a new, two-lane park access road, a new boat launch facility and new day-use recreation areas. These recreation areas are located at the proposed day use parking area, the proposed boat launch facility and at the existing boat launch area. The existing boat launch area is identified as 'Interpretive Area' on Figure 1: Project Location Sketch, page 2. This area includes the location of Ball's Ferry Landing, the terminus of the historic Ball's Ferry Road and two Civil War entrenchments. Each of the three day-use areas are proposed to provide a small restroom building, picnic tables, barbeque pits and access to an interpretive trail that links the three areas. The interpretive trail would connect the recreation areas by following the bank of the Oconee River and utilizing the existing historic Ball's Ferry Road (see Figure 1: Project Location Sketch, page 2).

The new access road will be curbless asphalt utilizing adjacent ditches to convey stormwater. The proposed typical section is 11' wide travel lanes, 4' wide shoulders and an 8' wide ditch. A sketch of the typical proposed section for the new access road is provided in Figure 4 – Proposed Cross-Section, on page 10.

Following the end of the State Aid Project, the proposed new park road proceeds ±0.6 miles to a proposed boat launch and boat trailer parking area. A second proposed road is proposed to provide access to a day-use area with a 44-space parking area. This proposed parking area is located approximately 0.12 miles along the existing Old Balls Ferry Road. Beyond the proposed parking area, the remaining length of Old Balls Ferry Road will be utilized for pedestrian trail access to the interpretive area. Access to the existing monitoring station is proposed to be maintained; removable bollards are proposed to prevent vehicular access for the general public.

Project Concept Report page 5 of 14
Project Number: CSHPP-0007-00 (583)
P.I. Number: 0007583
County: Wilkinson

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

PDP Classification: Major Minor

Federal Oversight: Full Oversight , Exempt , State Funded , or Other

Functional Classification: Rural, Local

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

State Route Number(s): N/A

Traffic (AADT): 2010: >5, 2030: 50

Existing Design Features:

- Typical Section:
 - CR 123 (Old Ball's Ferry Road):
 - Two variable-width travel lanes (total road width 16' to 20')
 - No turn lanes
 - No curb
 - No sidewalks
- Posted speed: NOT POSTED Minimum radius for curve: N/A
- Maximum super-elevation rate for curve: N/A
- Maximum grade: ±5 %
 - Mainline: ±5 %
 - Cross roads: N/A %
 - Driveways: N/A %
- Width of right-of-way: N/A ft.
- Major Structures: N/A
- Major interchanges or intersections along the project: NONE
- Existing length of roadway segment:
 - CR 123 (Old Ball's Ferry Road): ±0.57 miles

Proposed Design Features:

- Proposed Typical Section:
 - Proposed Park Access Road:
 - Two 11' wide travel lanes (see Figure 4: Proposed Cross Section, page 10)
 - County will remove section of CR 123 (Old Balls Ferry Road) ^{from} SR 57 into park from their inventory. Road will become private DNR park road.
 - No turn lanes
 - No curb
 - No sidewalk
- Proposed Design Speed Mainline: 20 mph
- Proposed Maximum Grade Mainline: 8 % Maximum grade allowable: 12 %
- Proposed Maximum Grade Side Street: N/A % Maximum grade allowable: N/A %
- Proposed Maximum Grade Driveway: N/A %
- Proposed Minimum Radius for curve: 125' Maximum radius allowable: 5000'
- Proposed Maximum super-elevation rate for curve: -2 % OR NORMAL CROWN
- Proposed Maximum degree of curve: 45°50'12". Maximum degree allowable: 53°32'51".
- Right-of-way:
 - Width: N/A.
 - Easements: Temporary , Permanent , Utility , Other .
 - No easements are required for the construction of this project.
 - Type of access control: Full , Partial , By Permit , Other .
 - No access control is required for the construction of this project.
 - Number of Parcels: 0. Number of displacements:
 - Business: 0.
 - Residences: 0.
 - Mobile homes: 0.
 - Other: 0.
- Structures:
 - Bridges: NONE
 - Retaining Walls: NONE
- Major interchanges or intersections: NONE
- Traffic Control during construction: NONE (Park access closed during construction).
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SIGHT DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: NONE

- **Environmental concerns:**

MACTEC is completing an ecology report for the proposed project. The ecology report identifies wetlands and streams in the project vicinity. The proposed project was designed to avoid and minimize impacts to wetlands and streams. The proposed project will require road crossings at two wetland areas and will impact the Oconee River at the location of the proposed boat ramp. The ecology report also identifies the potential presence of two state-protected species in the project vicinity-- the Oconee burrowing crawfish and the robust redhorse. Measures protective of these two species will be incorporated into project planning, including appropriate erosion and sediment controls along wetlands and streams during construction, and timing construction in the Oconee River to coincide with low-flow conditions and avoidance of the robust redhorse spawning season (April, May, and June). This information will be used as supporting documentation in the Categorical Exclusion document.
- **Level of environmental analysis:**
 - Are Time Savings Procedures appropriate? Yes , No ,
 - Categorical exclusion ,
 - Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - Environmental Impact Statement (EIS) .
- **Utility involvements: NONE.** Water, sanitary sewer, and electric service are not proposed for this project.

Project responsibilities:

- Design - MACTEC
- Right of Way Acquisition – N/A
- Relocation of Utilities – N/A
- Letting to contract - DNR
- Supervision of construction - DNR
- Providing material pits – N/A
- Providing detours – N/A

Coordination

- Initial Concept Meeting date and brief summary. N/A
- Concept meeting date and brief summary. 2/19/09 – Minutes Attached
- P. A. R. meetings, dates and results. N/A
- FEMA, USCG, and/or TVA. N/A
- Public involvement. N/A
- Local government comments. N/A
- Other projects in the area:
 - BHF-062-1(21) – SR 57 Bridge Replacement over Oconee River
 - PR000-S011-00(702) Wilkinson County 0.75 mile of base and surfacing on the new entrance road into Ball's Ferry State Park
- Other coordination to date. N/A
- Railroads. N/A

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 3-6 Months
- Time to complete preliminary construction plans: 3 Months
- Time to complete right of way plans: 0 Months
- Time to complete Section 404 Permit: 0 Months
- Time to complete final construction plans: 1 Months
- Time to complete purchase of right of way: 0 Months
- List other major items that will effect the project schedule: N/A Months

Other alternates considered:

The proposed project area is currently being studied to assess the potential for impacts to wetlands and cultural resources. Alternative road alignments will be considered to minimize potential impacts and construction cost.

List of Figures and Attachments:

- | | | |
|-----------------|--|---------|
| • FIGURE 1: | Project Location Sketch | page 2 |
| • FIGURE 2: | Project Vicinity Map | page 9 |
| • FIGURE 3: | Project Location Map | page 10 |
| • FIGURE 4: | Proposed Cross-section | page 11 |
| • | Notice of Location and Design Approval | page 12 |
| • | Scoring Results as per TOPPS 2440-2 | page 13 |
| • ATTACHMENT A: | Cost Estimate | page 14 |
| • ATTACHMENT B: | Minutes to 2/19/09 Concept Meeting | |

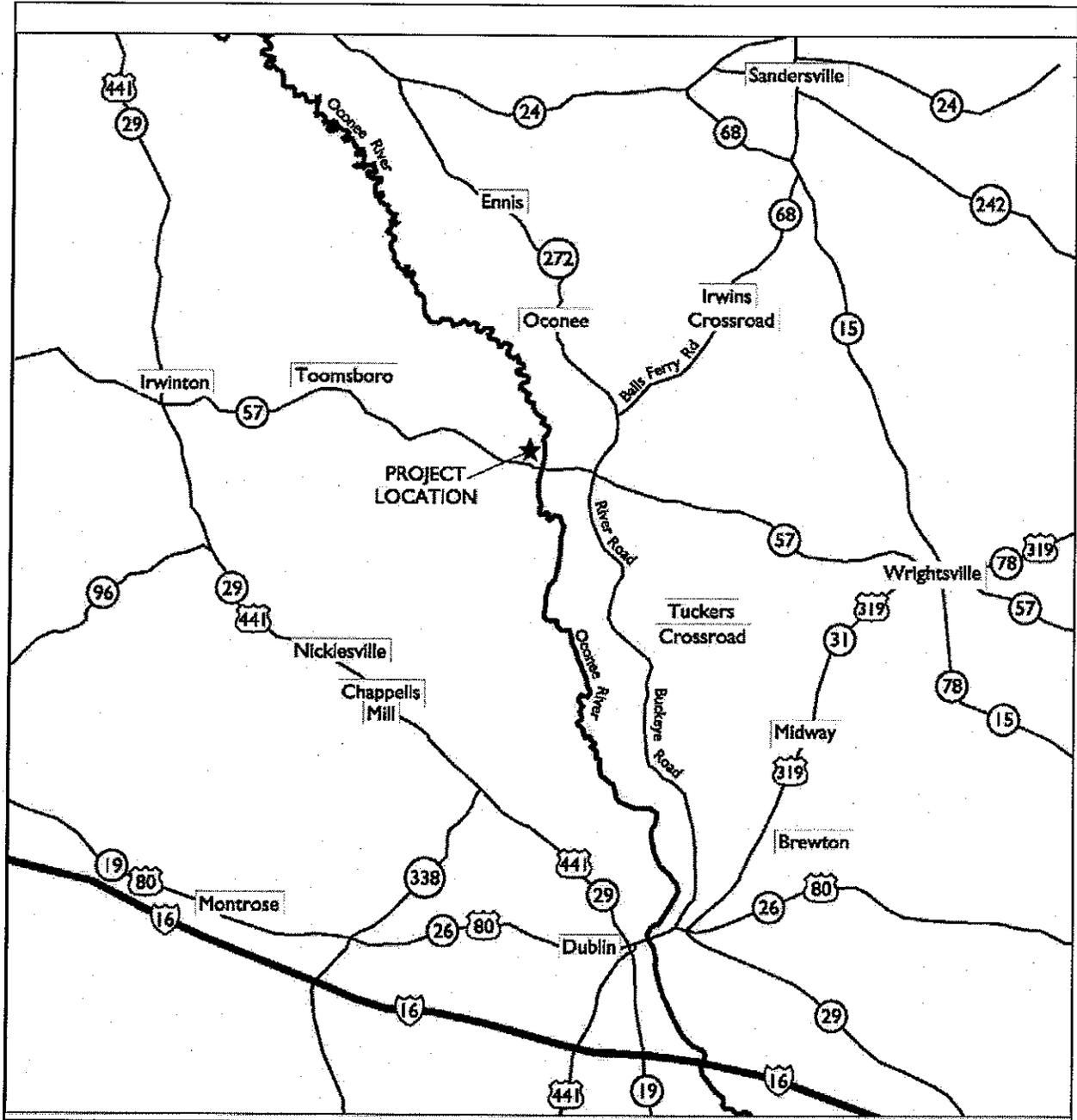


FIGURE 2: Project Vicinity Map

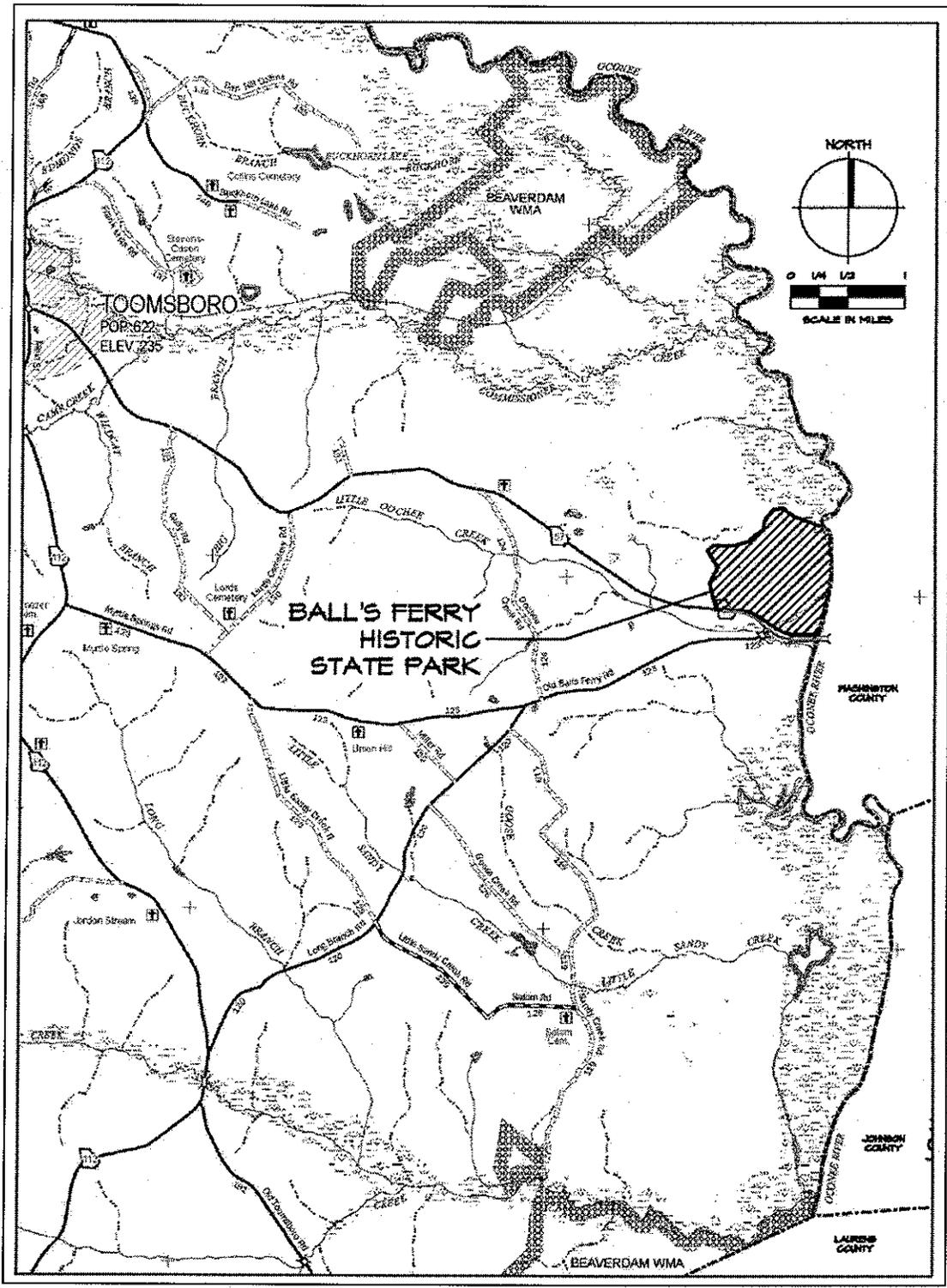


FIGURE 3: Project Location Map

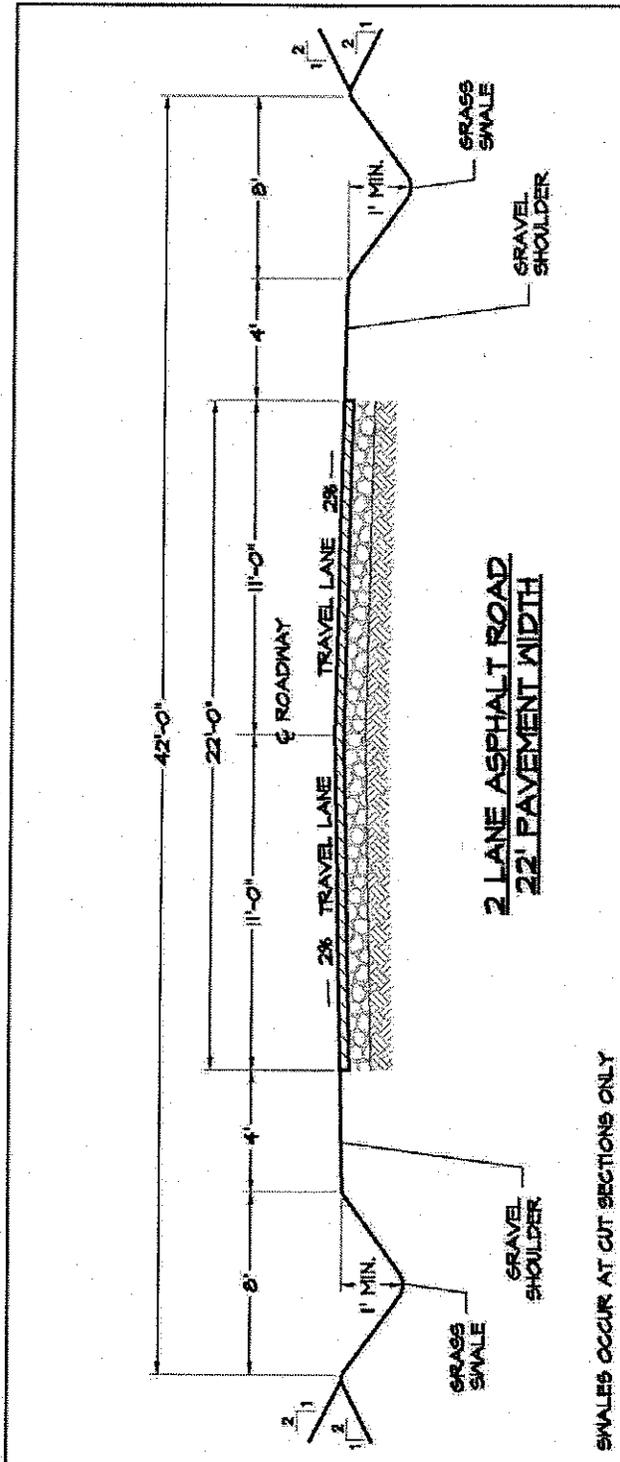


FIGURE 4: Proposed Cross-Section

Project Concept Report page 12 of 14
Project Number: CSHPP-0007-00 (583)
P.I. Number: 0007583
County: Wilkinson

NOTICE OF LOCATION AND DESIGN APPROVAL

Sidewalks, Trails, Lighting and Amenities in Balls Ferry State Historic Park

Project Number: CSHPP-0007-00 (583)
County: Wilkinson
P. I. Number: 0007583

Notice is hereby given in compliance with Georgia Code 222-22-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location and design approval was JUNE 1, 2009

The project consists of approximately 6,700 linear feet of park access road construction within the boundary of Ball's Ferry State Historic Park. The project will provide access to a new day-use recreation area and a new boat launch area.

Drawings of the proposed project are on file and are available for inspection at the Georgia Department of Transportation.

Kraig Collins, Area Engineer
Department of Transportation
161 Blandy Road
Milledgeville, Georgia 31061
krcollins@dot.ga.gov
(478)445-5130

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:

George M. Brewer
District Preconstruction Engineer
Dept. of Transportation
P. O. Box 8
Tennille, Georgia 31089
gbrewer@dot.ga.gov
(478) 552-4629

Any written request or communication in reference to this project **SHOULD** include the Project and PI numbers as noted at the top of this notice.

Summary of Costs

Project P.I. No.0007583

Subtotal Construction Cost	\$853,089.33
• Engineering & Inspection 5%	\$42,654.46
• Construction Contingency 3%	\$26,872.31
• Total Fuel Adjustment	\$49,187.91
• Total Liquid AC Adjustment	<u>\$84,532.18</u>
Total Construction Cost	\$1,056,336.10
• Right-of-Way	\$00.00
• Reimbursable Utilities	<u>\$00.00</u>
Total Project Cost	\$1,056,336.10

Estimate Report for file "Balls Ferry State Historic Park"

Section Traffic Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-2000	1	Lump Sum	5000.00	TRAFFIC CONTROL (PARK ENTRANCE)	5000.00
Section Sub Total:					\$5,000.00

Section Temporary Erosion and Sediment Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	385.22	TEMPORARY GRASSING	1540.88
163-0300	1	EA	1234.88	CONSTRUCTION EXIT	1234.88
163-0541	4	EA	300.17	CONSTRUCT AND REMOVE ROCK FILTER DAMS	1200.68
165-0010	8000	LF	0.73	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5840.00
165-0040	4	EA	57.20	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	228.80
165-0101	1	EA	511.06	MAINTENANCE OF CONSTRUCTION EXIT	511.06
170-1000	100	LF	13.42	FLOATING SILT RETENTION BARRIER	1342.00
171-0010	8000	LF	2.38	TEMPORARY SILT FENCE, TYPE A	19040.00
Section Sub Total:					\$30,938.30

Section Earthwork					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
202-1000	6	AC	2000.00	CLEARING AND GRUBBING	12000.00
205-0001	3500	CY	2.91	UNCLASS EXCAV	10185.00
206-0002	6500	CY	5.43	BORROW EXCAV, INCL MATL	35295.00
208-0100	10000	CY	3.50	IN PLACE EMBANKMENT	35000.00
Section Sub Total:					\$92,480.00

Section Roadway Base and Pavement					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5040	3000	SY	13.76	GR AGGR BASE CRS, 4 INCH, INCL MATL	41280.00
310-5080	8900	SY	15.15	GR AGGR BASE CRS, 8 INCH, INCL MATL	134835.00
402-3130	1000	TN	64.18	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	64180.00
402-3190	1000	TN	67.17	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	67170.00
413-1000	310	GL	2.13	BITUM TACK COAT	660.30
Section Sub Total:					\$308,125.30

Section Parking Lot Base and Pavement					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5040	600	SY	13.76	GR AGGR BASE CRS, 4 INCH, INCL MATL	8256.00
310-5080	6300	SY	15.15	GR AGGR BASE CRS, 8 INCH, INCL MATL	95445.00
402-3130	700	TN	64.18	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	44926.00
402-3190	700	TN	67.17	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	47019.00
413-1000	210	GL	2.13	BITUM TACK COAT	447.30
Section Sub Total:					\$196,093.30

Section Minor Drainage Structures					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1240	300	LF	46.58	STORM DRAIN PIPE, 24 IN, H 1-10	13974.00
550-1360	150	LF	68.77	STORM DRAIN PIPE, 36 IN, H 1-10	10315.50
550-4224	4	EA	744.82	FLARED END SECTION 24 IN, STORM DRAIN	2979.28
550-4236	2	EA	1094.13	FLARED END SECTION 36 IN, STORM DRAIN	2188.26
Section Sub Total:					\$29,457.04

Section Boat Ramp

Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	1000	CY	2.91	UNCLASS EXCAV	2910.00
310-5080	230	SY	15.15	GR AGGR BASE CRS, 8 INCH, INCL MATL	3484.50
439-0016	230	SY	41.47	PLAIN PC CONC PVMT, CL 3 CONC, 7 INCH THK	9538.10
500-0100	230	SY	4.68	GROOVED CONCRETE	1076.40
614-1000	80	EA	300.00	Precast Concrete Boat Ramp Pavers	24000.00
Section Sub Total:					\$41,009.00

Section Roadway Signage and Paint Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
634-5000	1	EA	5000.00	PARK MONUMENT SIGN	5000.00
636-6100	10	EA	300.00	TRAFFIC SIGNS	3000.00
652-0095	4	EA	63.04	PAVEMENT MARKING, HANDICAP SYMBOL	252.16
652-0110	20	EA	38.30	PAVEMENT MARKING, ARROW, TP 1	766.00
652-0210	5	EA	93.33	PAVEMENT MARKING, WORD, TP 1	466.65
652-5451	12700	LF	0.24	SOLID TRAFFIC STRIPE, 5 IN, WHITE	3048.00
652-5452	3800	LF	0.21	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	798.00
Section Sub Total:					\$13,330.81

Section Site Stabilization

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2181	200	SY	36.79	STN DUMPED RIP RAP, TP 3, 18 IN	7358.00
603-7000	200	SY	4.43	PLASTIC FILTER FABRIC	886.00
700-6910	3	AC	825.66	PERMANENT GRASSING	2476.98
700-7000	6	TN	63.09	AGRICULTURAL LIME	378.54
700-8000	3	TN	384.56	FERTILIZER MIXED GRADE	1153.68
716-1000	8400	SY	2.08	EROSION CONTROL MATS, WATERWAYS	17472.00
Section Sub Total:					\$29,725.20

Section Park Amenities

Item Number	Quantity	Units	Unit Price	Item Description	Cost
750-1000	3	EA	15000.00	RESTROOM BUILDING (COMPOSTING)	45000.00
754-1050	10	EA	1053.60	PICNIC TABLE	10536.00
754-3020	6	EA	205.06	PEDESTAL GRILL	1230.36
754-4000	10	EA	425.43	WASTE RECEPTACLE UNIT	4254.30
754-5000	4	EA	1177.93	BENCH	4711.72
Section Sub Total:					\$65,732.38

Section Trails

Item Number	Quantity	Units	Unit Price	Item Description	Cost
165-0010	2800	LF	0.73	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	2044.00
171-0010	2800	LF	2.38	TEMPORARY SILT FENCE, TYPE A	6664.00
202-1100	1	AC	4000.00	LIMITED CLEARING - BRUSH, SMALL TREES	4000.00
222-1010	420	CY	22.00	AGGREGATE, SIZE NO. 57, IN-PLACE	9240.00
222-2010	210	CY	25.00	AGGREGATE, TYPE 1 (NO. 89), IN-PLACE	5250.00
228-1100	5600	SY	2.50	FINE GRADING FOR TRAILS	14000.00
Section Sub Total:					\$41,198.00

Total Estimated Cost: \$853,089.33

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS: <input style="width: 90%; height: 20px;" type="text"/>		

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)
TMT = <input style="width: 100px;" type="text"/>		
REMARKS: <input style="width: 90%; height: 20px;" type="text"/>		

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (<i>ENGLISH 125% MAX</i>)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$37,935.39</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$11,252.52</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$1,096.18</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$83,436.00</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS

\$133,720.09

P.I. Number 7583

County Wilkinson

Date 3/3/2009

Project Number HPP-0007-00 (583)

**Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2.266
ENTER FPM DIESEL	5.099

ENTER FPL UNLEADED	1.812
ENTER FPM UNLEADED	4.077

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)	3500.000	0.29	1015.00	0.15	525.00	
Excavations paid as specified by Sections 206 (CUBIC YARD)	6500.000	0.29	1885.00	0.15	975.00	
GAB paid as specified by the ton under Section 310 (TON)	6000.000	0.29	1740.00	0.24	1440.00	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	3400.000	2.90	9860.00	0.71	2414.00	
PCC Pavement paid as specified by the square yard under Section 430 (SY)	230.000	0.25	57.50	0.20	46.00	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
PSC Beams____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Piling__ inch (LF) Section 520				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Drilled Caisson,____ (LF) Section 524				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
SUM QF DIESEL=				14557.50	SUM QF UNLEADED=		5400.00	
DIESEL PRICE ADJUSTMENT(\$)					\$37,935.39			
UNLEADED PRICE ADJUSTMENT(\$)					\$11,252.52			

*BALLS FERRY HISTORIC STATE PARK – Phase 1
Concept Meeting Minutes – February 19, 2009*

SUBJECT: Balls Ferry Historic State Park – Concept Plan review meeting
DATE: February 20, 2009
PLACE: Wilkinson County Courthouse, Irwinton, Georgia
PRESENT: Spence Basinger, Jim Kitchings, Vonda Everett, Denis Holder, David Franks, Charlie Phillips, Jon Hart, Laura Mathis, David Freedman

The following items were discussed at the Concept Report meeting for Balls Ferry Historic State Park:

- use DETEST cost estimating application (available in GDOT website) for material and fuel surcharge estimates in the final Concept Report
- revise the Need and Purpose section of the CR to include a narrative that describes the Need and Purpose of the Park as well as the roadway
- would the roadbed be elevated above the 100 year floodplain? [No]
- what about access to the proposed historical marker? If the proposed historical marker is located near the existing boat ramp, would we need vehicular access to the marker? [DNR would like to pull parking short and let pedestrian access be guided by way-finding signage.]
- would we tear out the old boat ramp? undecided
- What about future plans for ferry access? Where would people park to catch the ferry? Per other meetings, possible future ferry would be for pedestrians only and riders would walk from the day-use parking.
- Could we plan for group parking (such as busses and vans for seniors and schools) that would be allowed to park near the existing boat ramp? The space required to maneuver these vehicles at the boat ramp would require that too much of the cultural resource would be disturbed.
- What is the impact to wetlands? The plans currently avoid all wetlands.
- What is the existing stream buffer width? [100' along Oconee River]
- DNR likes to utilize historic roads as trails as part of the interpretive experience. The plan as shown provides a pretty good example of this.
- We shouldn't design a park around a marker; the marker is part of a driving tour – there would be other markers and way-finding.
- What about the artesian well? Should we drill and create a new well? This would be part of an interpretation of Wilkinson County history. Indian Springs State Park has a similar well that park visitors will collect water from. GDOT compensated the County \$29,000 for the old well – this money could be used to create a new well in the park. DNR would not encourage visitor to consume the water due to safety issues.
- No accel/decel lane is required as per a letter from GDOT.
- GDOT will not design the new intersection. The entrance will be constructed using State Aid funding and can be let as a separate contract than the remainder of the park. The park entrance can not be done as part of the bridge replacement project.
- List 'environmental concerns' in the CR in terms of the Environmental Documents, i.e. 'Red-Cockaded Woodpecker' rather than 'Federally Protected Species'.
- Laura and David can provide examples of historical narratives for BFHSP.
- Attach Project Framework Agreement to the CR.
- Attach Meeting Minutes to the CR.
- Widen boat ramp width from 18' (shown) to 24' to accommodate a 2nd vehicle.
- Go ahead with Corps permitting for wetland impacts and boat ramp.
- GDOT can take up to 12 months to permit Environmental Documents.
- Jim K. will review Draft documents to help speed the process during final review.
- Future phases of the park will have to be permitted in the same way if the funding comes from federal sources such as 'earmarks'.
- Thresholds for Nationwide Permit for boat ramps may be under 100 cubic yards. The NWP# is in the 20's.
- Other funds could be used to construct the boat ramp at the same time that State Aid money funds the intersection.
- Intersection design for park access road (at Hwy 57):
 - Provide typical cross-section
 - Need vertical design (landing & road profile typical % slopes)
 - Need specifications for pavement, etc.
 - Need set of drawings from bridge/highway designers (Shawn Bush, Alan Smith)
 - Call David if Shawn doesn't send cadd files in a few days

Gena L. Evans, Ph.D., Commissioner



DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

October 28, 2008

The Honorable Dennis Holder
Commission Chairman
P. O. Box 161
Irwinton, Georgia 31042

Dear Chairman Holder:

I am returning for your files an executed agreement between the Georgia Department of Transportation and Wilkinson County for the following project:

PROJECT#: CSHP-0007-00(583) Wilkinson County, P.I. #0007583

We look forward to working with you on the successful completion of the joint project. Should you have any questions, please contact the Project Manager Vonda Everett at (478)552-4631.

Sincerely,

Angela O. Whitworth
Angela O. Whitworth
Financial Management Administrator

AOW:rm
Enclosure

c: Bob Rogers
Tony Collins - District 2
Jeff Baker - Utilities